A Synthesis and Interpretation of the Biology of Woodland Caribou on the Island of Newfoundland

Shane P. Mahoney
Chief of Ecosystem Research and Inventory
December 2000

Population Trends in Space and Time

Volume 14

A SYNTHESIS AND INTERPRETATION OF THE BIOLOGY OF WOODLAND CARIBOU ON THE ISLAND OF NEWFOUNDLAND

Final Report
December 2000

VOLUME 14

POPULATION TRENDS

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Citation Information

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Foreword

Perhaps nowhere else on earth has the power of place so completely invaded the soul and psyche of a people as in Newfoundland. The extraordinary sense of home our people have developed and continue to share is the manifest destiny of a human culture tied to the seasons and rhythms of land and sea, of nature in all her moods and obsessions. It is a destiny characterised by an abiding interest in and love for the creatures and landscapes that collectively define the wild beauty of this great island. Wildlife, in all its myriad forms, is an irreplaceable element of our world view and influences fundamentally our sense of values and our definition of what the good in life entails. Wild creatures are for Newfoundlanders an enduring source of pride and fascination, and knowledge of them is highly regarded. Whether in the pub, community store, cabin or kitchen, the health and abundance of wildlife is a topic of general and passionate discussion.

The conservation of wildlife species, our first resource, depends ultimately upon how well we understand their biology. No amount of passionate concern can, by itself, guide their continued abundance and vitality; only a detailed knowledge of their requirements for space and food, their interactions with predators and competitors, and their limits of tolerance for human intrusions, can accomplish this. Even then, their future is not assured. Without this knowledge however, their disappearance almost certainly is. Too many times we have witnessed the grim outcomes of nature exceeded, the insurmountable realities of once abundant populations laid waste and their recovery a process entirely beyond our ken and influence. For the world entire these episodic holocausts are proving collectively the greatest challenge to prosperity and peace; for cultures such as ours their impacts are immediate and devastating to both economy and pride. No species, no matter how prolific, no matter how abundant, indeed no matter how esteemed, is beyond the reach of such crisis. The precipitous and long to be lamented collapse of the great shoals of cod should be all we ever need to remember!

Caribou have undertaken their relentless wanderings of this island for millennia. Visiting or perhaps even persisting during the last great ice advance, they were undoubtedly here when the first humans arrived some five thousand years ago. For these, the Maritime Archaic Indians, as for the next groups, the Groswater and Dorset Palaeo-Eskimos arriving around 800 to 600 B.C. respectively, and for the Recent Indians which tracked their way to the island in the first five centuries A.D., caribou were the one terrestrial mammal to occur in large and predictable numbers. The animal's signal importance to the indigenous Beothuck is well known, and we may expect that even the earlier more seafaring cultures relied upon caribou as an important, if not vital, seasonal source of food and fur. Certainly through the long period of European settlement the caribou, or "deer" as they have long been referred to, represented a major source of fresh meat to communities of men isolated by geography and season, and their pursuit was a predictable part of the hunter-gatherer life rhythm that persists in significant measure unto present day.

As times and economies have changed the absolute necessity of caribou as a source of sustenance has modified, evolving through a period of direct commercial exploitation earlier in this century to becoming today a more complex resource relationship tied to tourism and the maintenance of cultural vitality and traditions. The sudden appearance of caribou in any region of the island, a phenomenon tied to their wandering predispositions and highly evolved relationship with slow-to-change vegetation communities, is an unending source of excitement and wonder. The gentle disposition and graceful beauty of these animals, combined with their gregarious habits and approachability, make them a signal species, helping to define for all Newfoundlanders their perceptions of home as a place of wild

beauty and natural blessings. It is for these many reasons, both primitive and more humanistic, that the conservation of caribou must represent an enduring concern for our people.

Fortunately the attributes that have led to and yet define the importance of caribou in the Newfoundland context have meant that their historical fluctuations may be traced from the remarks of many observers. From the impassioned accounts of hunter naturalists early this century, to the more rigorous academic presentations on Newfoundland by respected historians, as well as the reported remarks of legislators and editorialists, we can now compile the long arc of caribou abundance. From this we understand that great extremes in numbers have occurred, and that in the early twentieth century a rapid and deep decline presaged a protracted rareness that persisted until the 1960's. For many of us today this is hard to imagine, used as we are to the great herds that now exist virtually island wide. The reality is however that we have entered the new millennium perhaps poised once more for a great change in caribou numbers, a change that would have significant implications for those traditions and economies reliant on abundant and tractable herds. How would we prepare ourselves?

To assess the background and context of such change and to delineate its probabilities and magnitudes required a complete review and interpretation of information existing on Newfoundland herds. The idea developed here has no precedent I am aware of in the annals of Newfoundland wildlife; and very few, for that matter, anywhere in the world. It is ground breaking work of great magnitude and complexity; essentially the scientific history of Newfoundland's only indigenous ungulate, as witnessed by generations and studied by field naturalists and scientists for fifty years. Every fragment of significant information available on the twelve native and twenty-three introduced herds is scrutinized, validated, and presented, resulting in one all-inclusive library of caribou information. Furthermore, the information is analysed in a comprehensive way, illuminating the interactive and often codependant processes of physical and demographic change which are at once the evolutionary engines of nature and the sign posts wildlife managers use to measure the cadence and position of animal responses to their environments.

By studying the past and present for Newfoundland herds in this fashion, the current work strives to represent the various populations as living entities engaged in an unending organic engagement with the landscapes, weather and people of this island. Uniquely, it attends to these relationships with the full expectation that the herds are also engaged in an unending pursuit of one another, operating as one giant organism that periodically divides and fuses its component parts, retreating during times of resource scarcity and high mortality, and expanding as conditions and opportunities improve. The findings presented here are therefore of significant value to the broad scientific community, coursing as they do along the wave crest of modern meta-population theory; and they will offer much as well to those who more specifically seek an understanding of large mammal dynamics. The stature of this work therefore reflects Newfoundland's long standing commitment to professional wildlife science, which is itself the very signature of professional wildlife management. Science, by definition, is a pursuit of understanding that is retraceable along contours of broadly applicable principles. That Newfoundland governments have for fifty years maintained a commitment to such ideals is a sign of maturity and stature that should be safeguarded at all costs. That we can meaningfully contribute to the world's collective memory and understanding of wildlife ecology is a position of statesmanship and a legacy of inestimable value.

Of course the immediate and greatest purpose of this exercise is to provide a framework for the long term management of insular Newfoundland caribou. It is to this end that the comments and efforts of so many have for so long been directed; and it is upon this objective that my own research efforts have focussed for the last twenty years. Throughout this period I was fortunate to have inherited a great treasure of information, a vigorous legacy upon which to fashion further advances in our understanding

of caribou. I was also fortunate to work in an organization, the Newfoundland and Labrador Wildlife Division, that understood the purpose and value of such work. Thus, this effort should be viewed as one significant step on a long and continuing journey; no more...and no less. Along the way there have been many contributors, as there must always be if significant history is to exist.

Of all such contributors, none can be held in higher esteem than the small but dedicated group of wildlife field men who traversed this island by foot, aircraft, boat and snowmachine to record the biology, abundance and welfare of caribou. Beyond any question their efforts will stand as an emblem to what dedicated public service to both ideals and nation really means. Without their perseverance and ingenuity, without their knowledge of equipment, land and animals, and without their mature capacity as woodsmen and naturalists, this synthesis and all good which results from it could only be wished for. The transformation from dream to reality is the inheritance these individuals have passed on. Time will tell how we have invested or squandered it; pray that we do not suffer its loss. While it is impossible to identify them all, this work is dedicated, with my deepest respect and appreciation, to each and every one of them.

Just as no one individual could ever amass the quantity of information assembled here, so too would it be impossible for any one individual to assemble, edit, analyse and depict the voluminous entries and combinations of these data. I have been again uniquely fortunate to have worked with a group of highly capable and motivated individuals throughout the synthesis process and it is no more than the absolute truth to state that it could not have been accomplished without their efforts and support. From the first strivings to gather the Wildlife Division's caribou files into a central registry, to the final editorializing and digital organization of these volumes, I have met only professionalism and energy. I have also sought and encountered great competence, that elusive elixir which remains the hallmark of effective, lasting science.

This always evolving group has included a great variety of positions and personalities, from part-time students and geographic technicians, to secretarial and computer support personnel. The extent of their contributions varied enormously, but all were crucial and I thank them sincerely. However, for assistance in synthesizing this work, my greatest appreciation must go to Dr. Brian McLaren and Ms. Tammy Joyce. It is far more than a trite cliche to state that without their efforts this ponderous beast would never have been slain. Their work must be remembered as crucial, their contributions lasting, and their commitment to the inherent value of this process compelling. They were involved from the first formal beginnings of this enterprise, performed every task with consideration, and came to every wearisome meeting and lively discussion armed with diligence and good humour. The latter was sometimes a hard thing to capture through the long, winding tunnels of revision, error and repetition; but retain it they did. For all these reasons I am truly indebted.

I must also specifically thank Ms. Christine Doucet and Ms. Marlene Dredge, two individuals more recently engulfed by this labour, but to whom many finalizing tasks have been handed. I thank them both sincerely; Christine for her diverse assistance and editorial acumen, and Marlene especially for her seemingly limitless capacity for painstakingly detailed work on figure preparation and file organization.

Of course no process of this kind, involving as it does the secondment of an organization's human resources to focussed task, can ever proceed without the vision and support of executive approval. Too frequently the unending march of issue and crisis smothers the potential for creative invention, and the stereotypic political mule emerges from the shadows of senior administration. The image is, unfortunately, too often true. I well recognize therefore the unique position I found myself in when

approval for this work was granted, and, perhaps even more, to have had continuing support throughout its progress. I wish to personally thank Dr. Mohammed Nazir for his great capacity to retain the poetic view; it is a wondrous and unending gift. I will always appreciate, not only the support he has lent this process, but also his commitment to ideas and the cultivation of human potential. I also thank his supervisors, Mr. Halcom Stanley and Mr. Robert Smart, for having understood and supported this initiative as well.

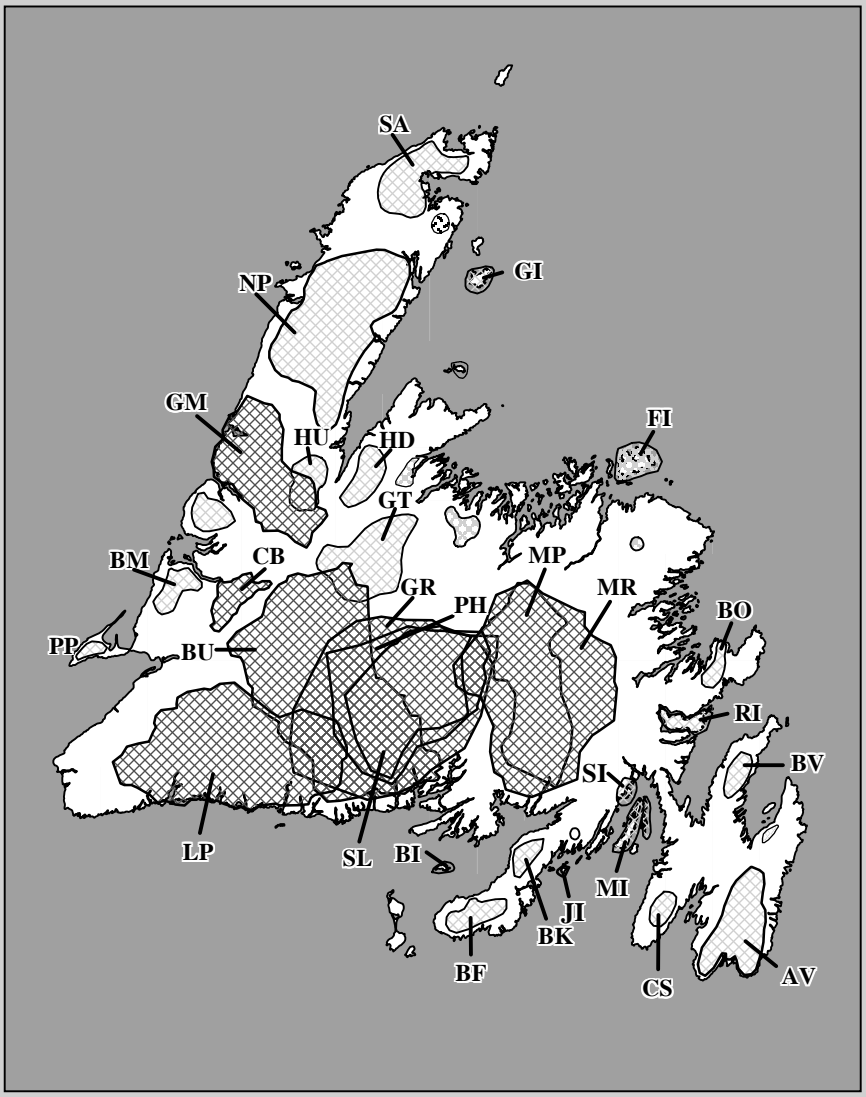
Mr. James Hancock, Director of the Wildlife Division and my supervisor of many years, must also be especially recognized for his early and enduring support of the synthesis project. Mr. Hancock and I have shared many discussions over the years regarding the importance of data analysis and accessibility, and I thank him sincerely for his support of me personally and of this important idea. Likewise I thank Mr. Michael Cahill, gentleman, stump philosopher and Zen hound, for agreeing to take on my other responsibilities while I was engaged in this task, and for doing it so courteously and well. Both men are aware, I trust, of my gratitude. To both of these individuals in particular, engaged as they are in the tidefull sway of everyday wildlife management, I also express my confidence in the lasting value, practically and emblematically, of this work they have supported and encouraged. It is what Wildlife Divisions and Wildlife Biologists should do.

To this long list of acknowledgements I must add one more outstanding contribution. Dr. Valerius Geist has been a mentor, ally, friend, and supporter throughout my career and has from the first notion of this synthesis provided every possible encouragement and assistance. This has extended to a periodic adoption of me by Mrs. Geist and himself, as I have retreated to their land and location (immigrants all!) to write, think and discuss. To work! When this effort and its kin are completed, no contribution will figure more prominently in memory or in fact than the tropical richness of ideas, energy and civilization encountered in their midst. To them both, in equal measure, I express my immutable gratitude, admiration and respect. I also acknowledge the support and encouragement of Dr. Robert Barclay, a recent acquaintance and man of quiet integrity.

Finally, and inevitably, I thank Newfoundland and her people. It is for them I toil.

Section 14A:

Historical Distributions and Concentrations of Caribou in Newfoundland.



Caribou Herds

Avalon (AV)
Bay de Verde (BV)
Blow Me Down Mtn (BM)
Bonavista (BO)
Brunette Island (BI)
Burin Foot (BF)
Burin Knee (BK)
Buchans (BU)
Cape Shore (CS)
Corner Brook Lakes (CB)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
Hampden Downs (HD)
Humber (HU)
Jude Island (JI)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Northern Peninsula (NP)
Port au Port (PP)
Pot Hill (PH)
Random Island (RI)
Sandy Lake (SL)
Sound Island (SI)
St. Anthony (SA)

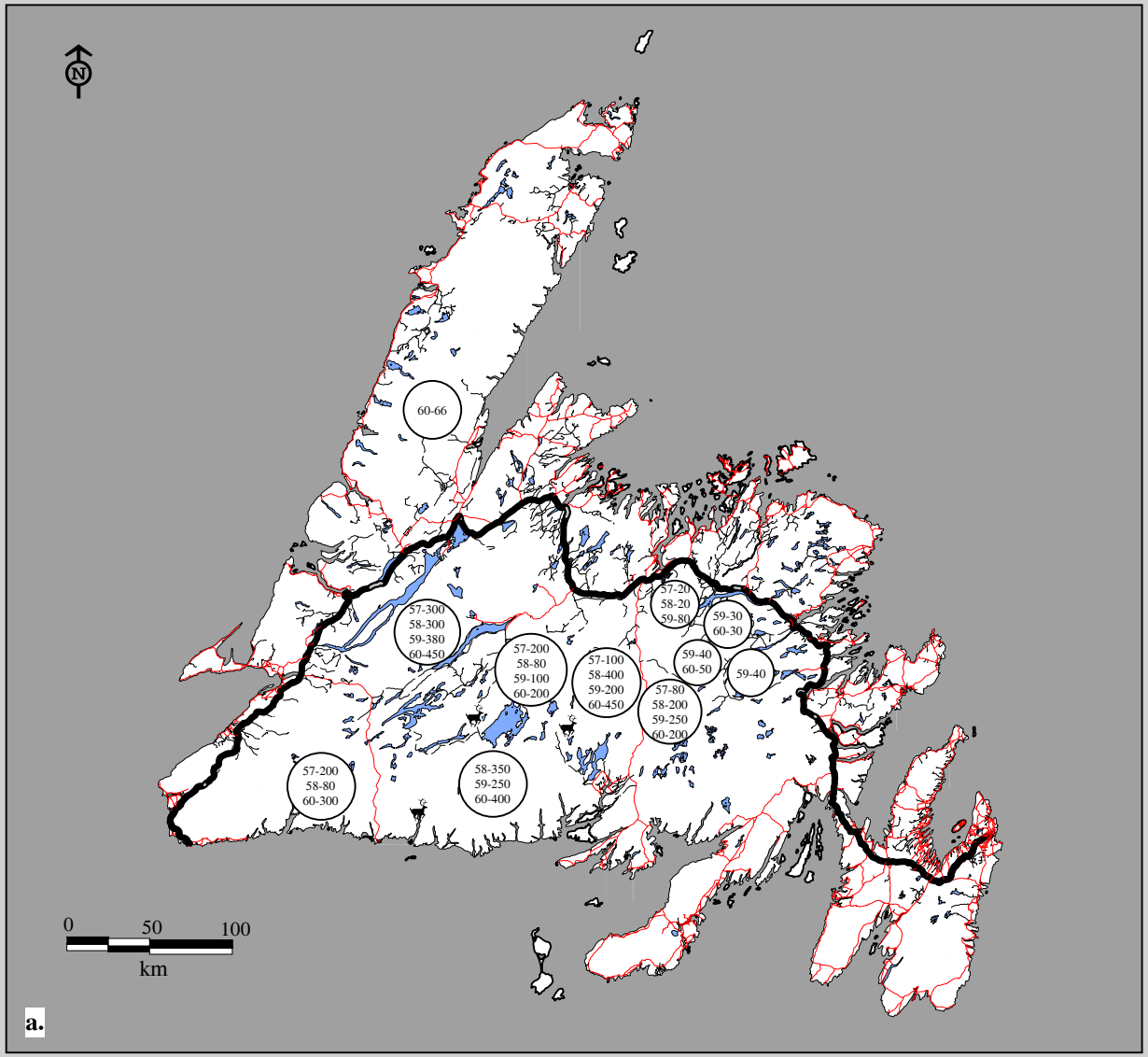
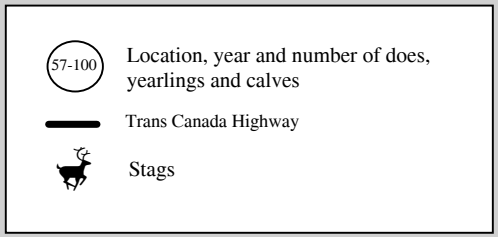
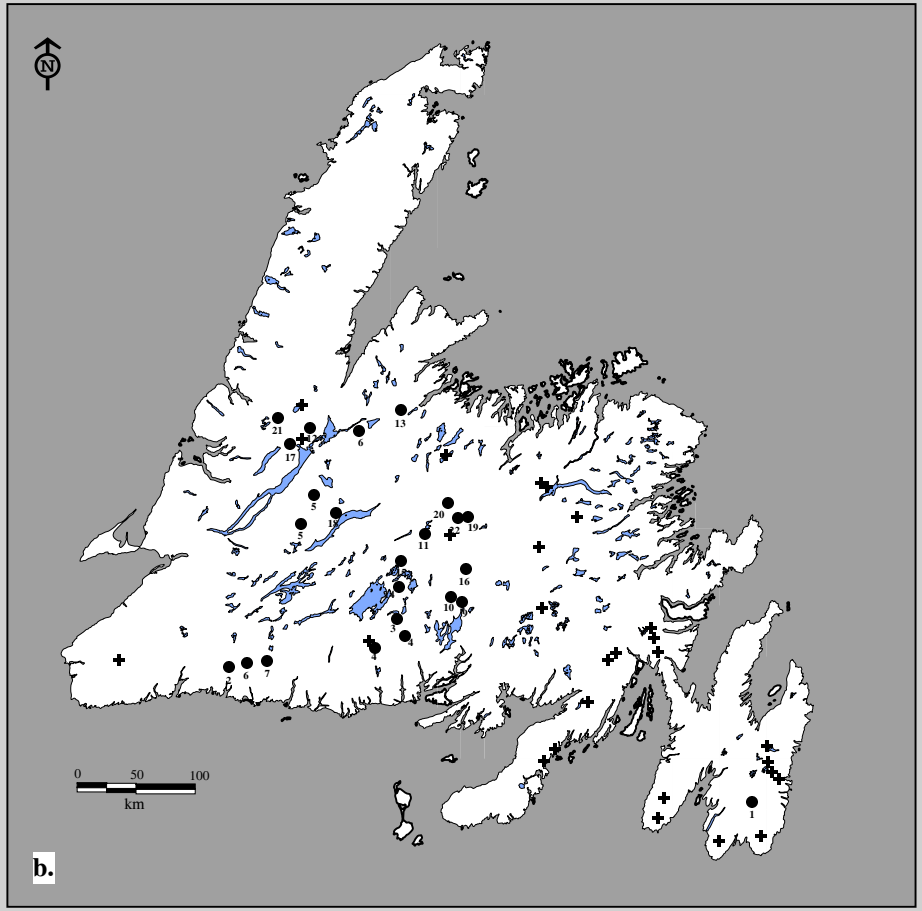
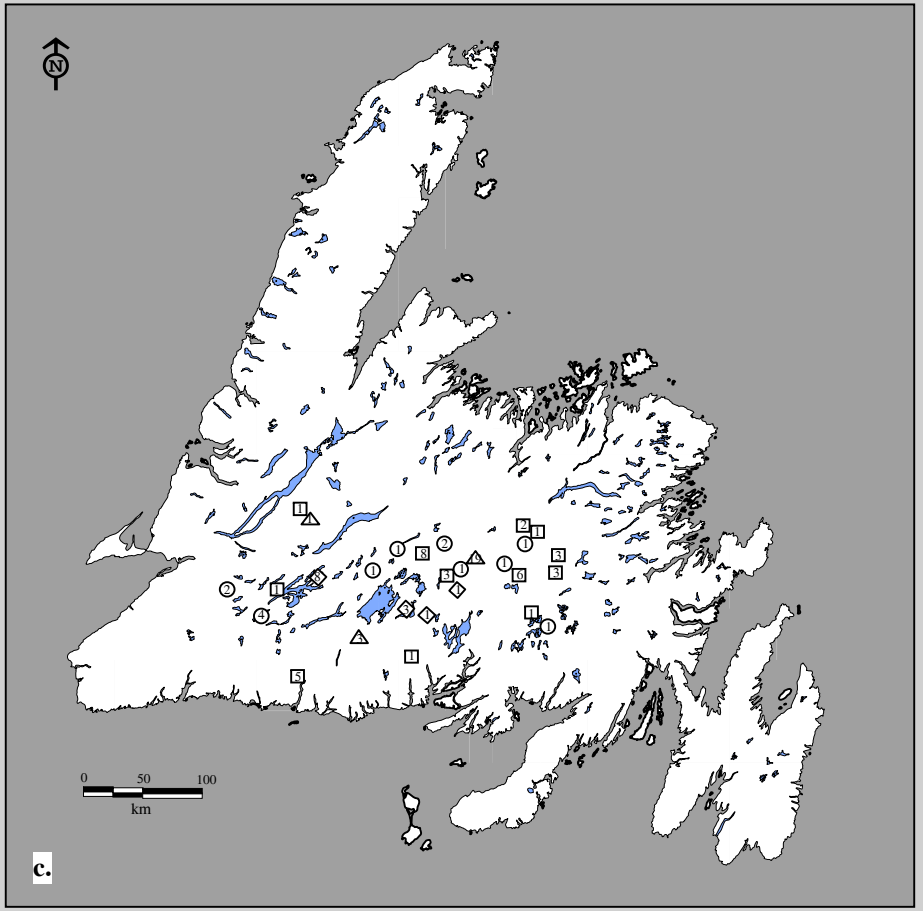


Fig. 14A-1. Spring-summer caribou concentrations of does, yearlings, and new born caribou calves, a. June 1957-60.







Range Evaluation Study:

- Range Analysis 1957-59
- Range Analysis 1956
- 1 Site Identification Number

Location and Quantity of Rumen Samples Collected:

- Spring
- Summer
- Fall
- Winter

Fig. 14A-1 (con'd). b. Range analysis sites and c. caribou rumen sample collection locations, 1956-1959.

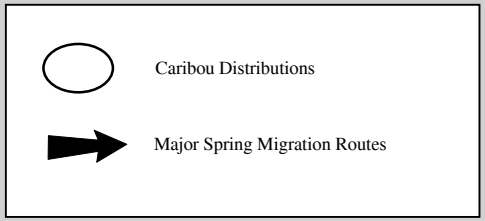


Fig. 14A-1 (con'd). Insular Newfoundland caribou distributions and principal spring migration routes, d. 1957-60, based upon active trails.

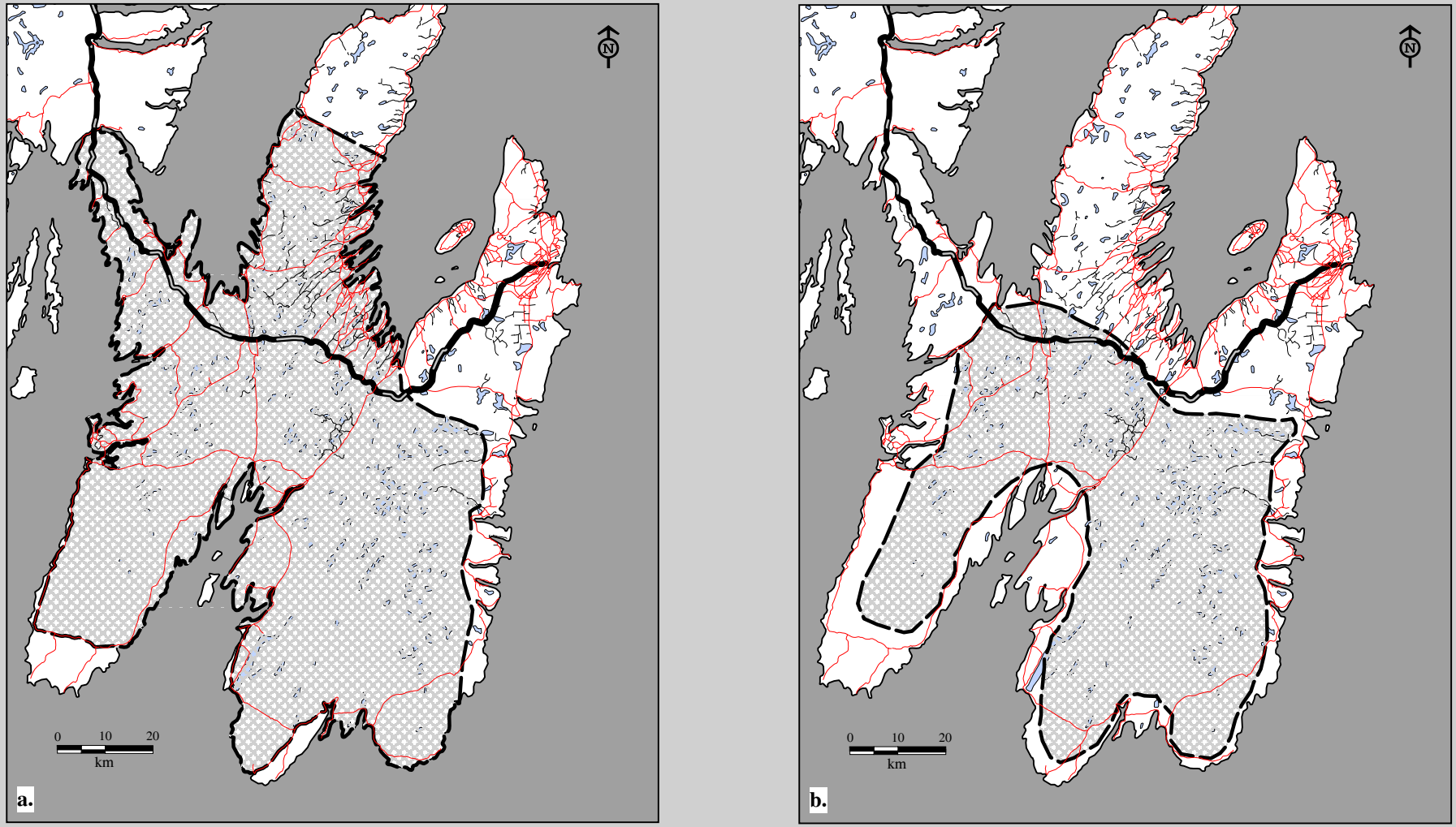
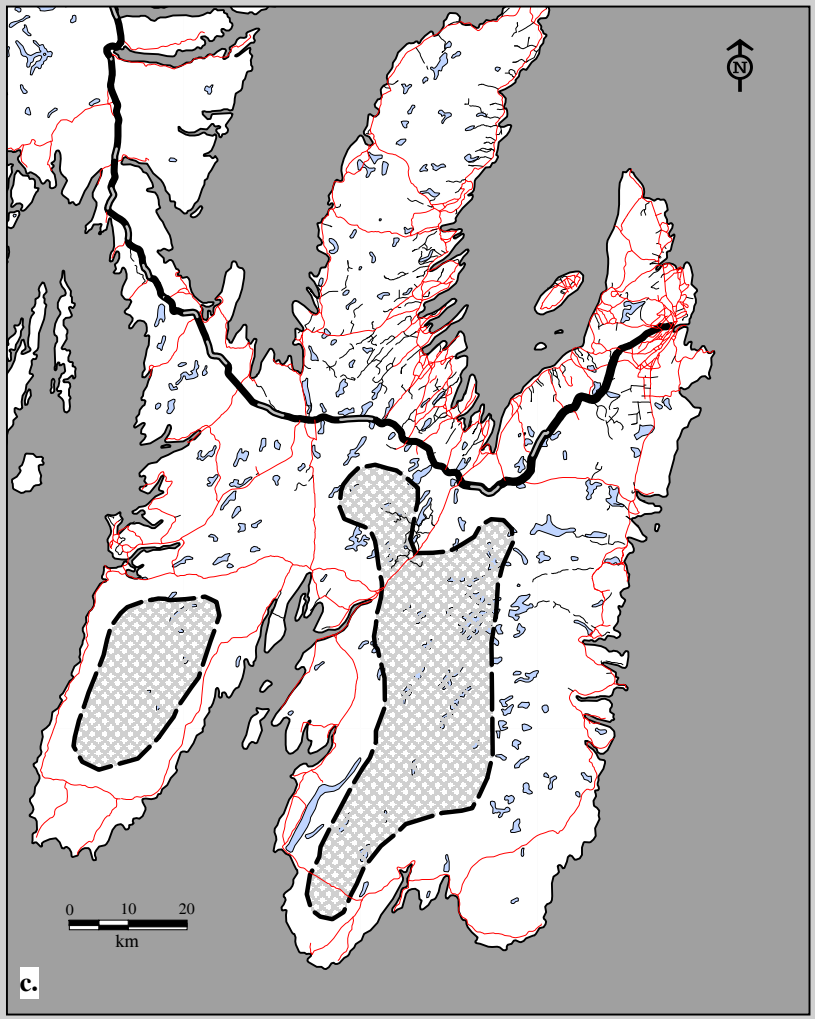
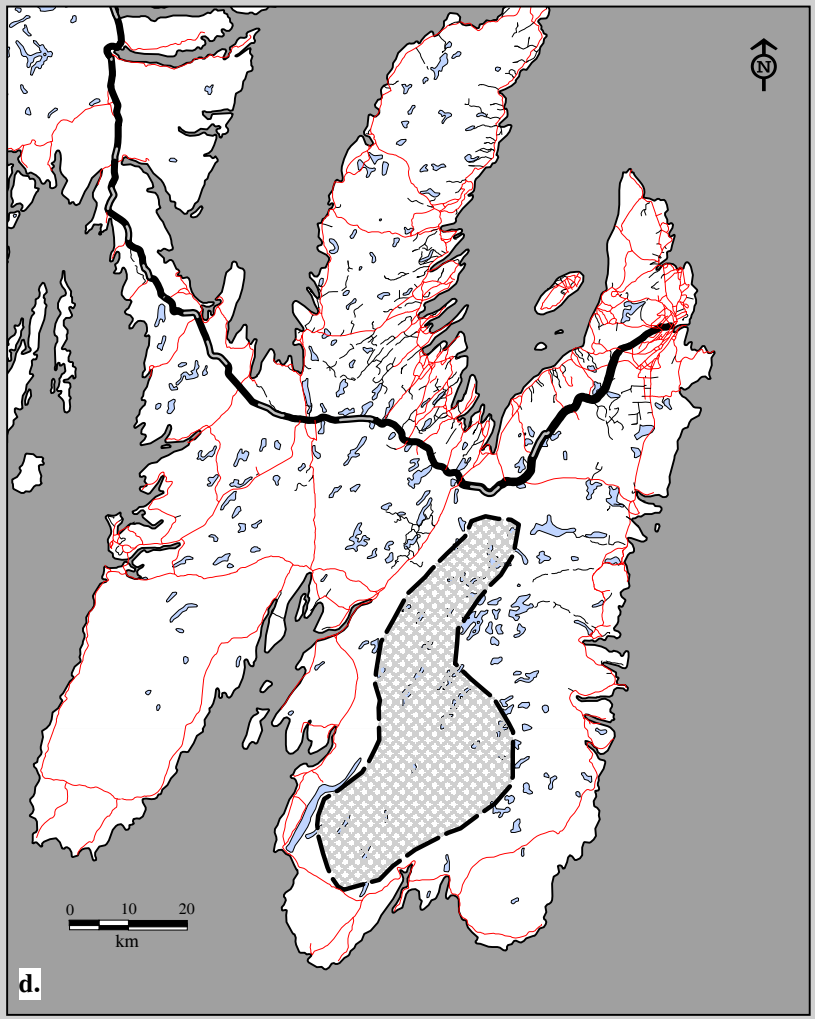


Fig. 14A-2. Distributions of the Avalon Caribou Herd, a. pre 1800's and b. 1800's.

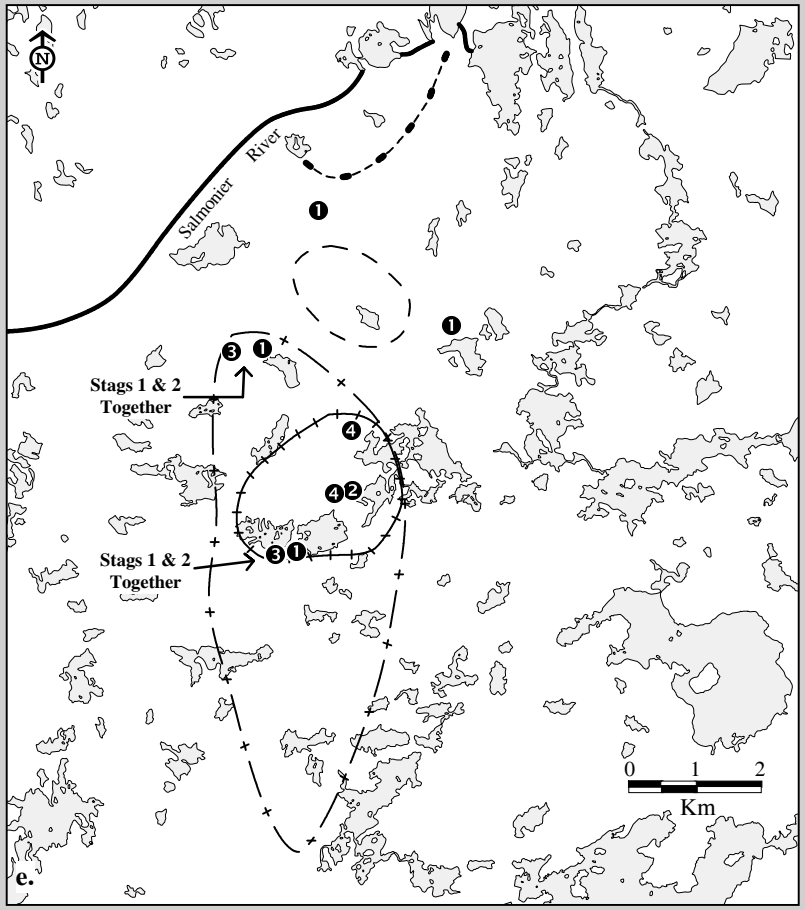


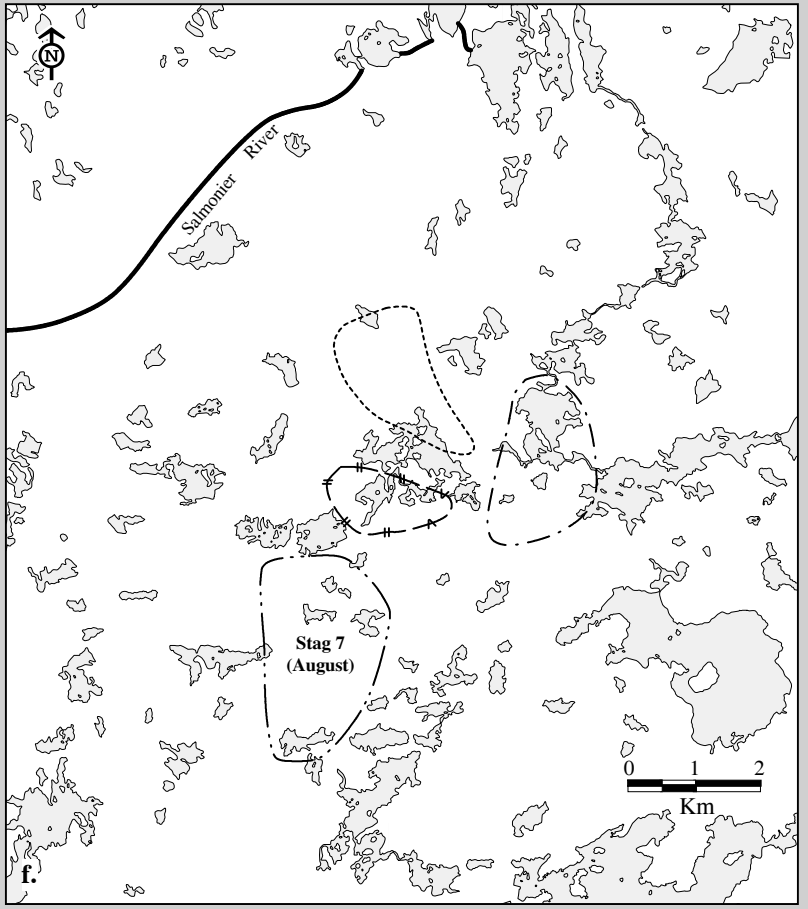


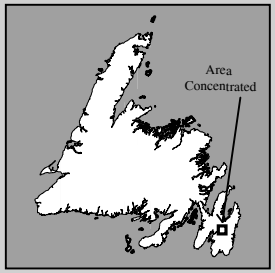
Caribou Concentrations

Trans Canada Highway

Fig. 14A-2 (con'd). Distributions of the Avalon Caribou Herd, c. 1930's and d. 1930-1955.





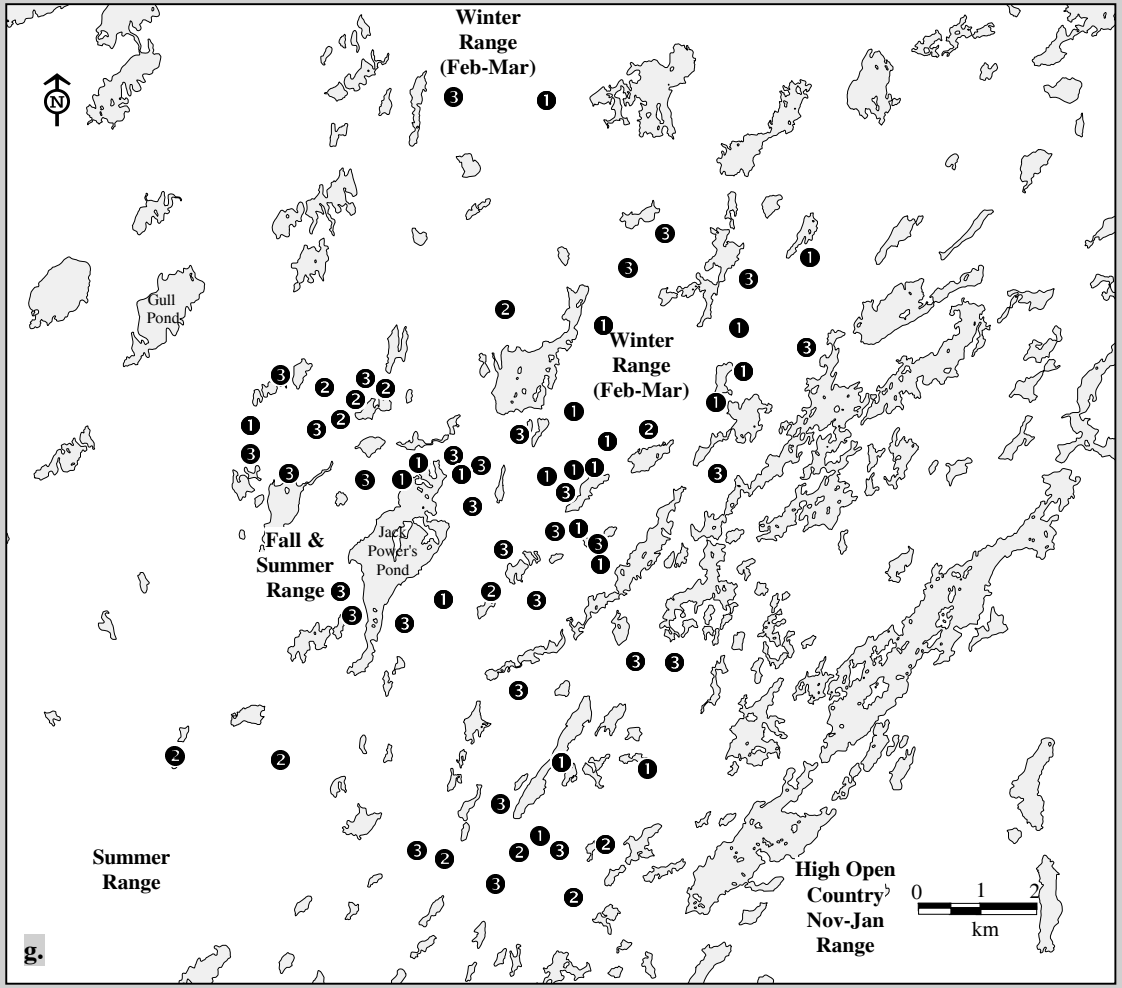


Range 1958	Stag Identification Number	Sightings	Dates
	1	4	6/20-6/29
	2	23	8/8-9/6
	3	6	6/7-6/25
	4	3	6/17-8/26
1959			
	5&6	12	6/25-7/2
	5	6	6/19-8/29
	7	3	6/29-7/3
	7	6	8/17-8/25

1958 Observations

1. Stag No. 1 May Observations
2. Stag No. 1 Sept. 16 With Does
3. Stag No. 2 May Observations
4. Stag No. 4 Sept. 16 & 17

Fig. 14A-2 (con'd). Summer distributions of individual stags from the Avalon Caribou Herd, e. 1958 and f. 1959.



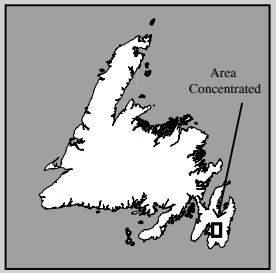
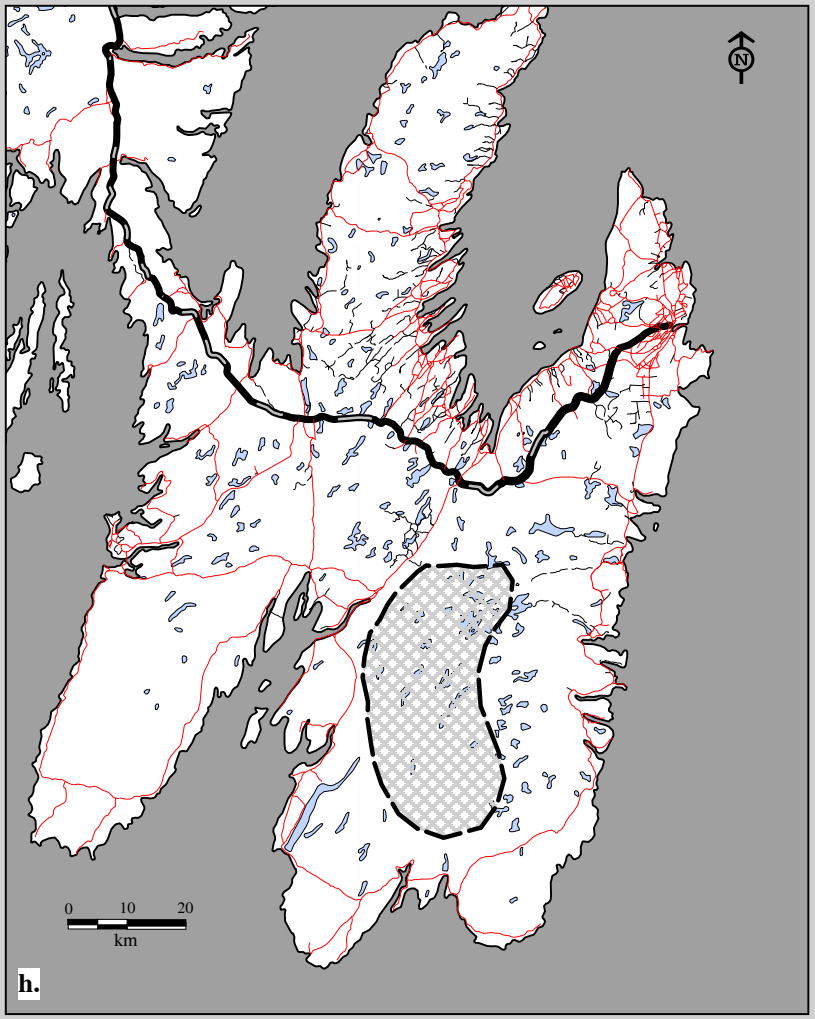


Fig. 14A-2 (con'd). Seasonal distributions for the Avalon Caribou Herd, g. early 1960's.

❶ Doe-Calf observations, May-June (spring)

❷ Caribou observations, July-August (summer)

❸ Caribou observations, September-October (Fall)



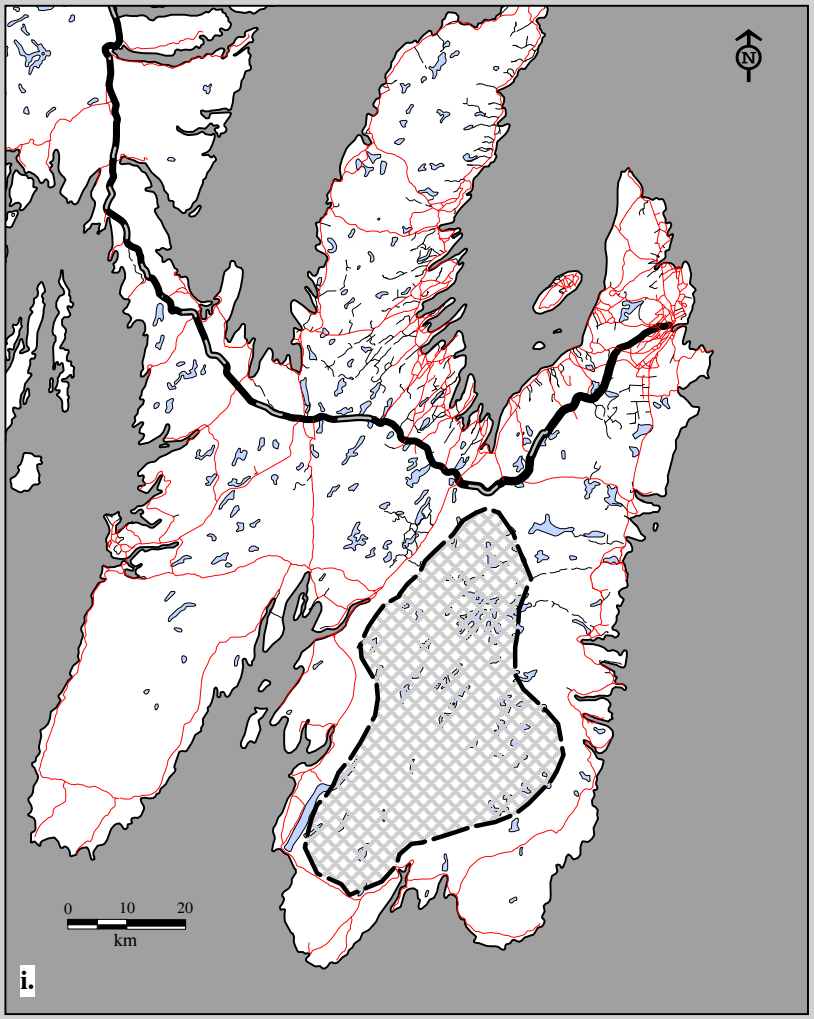
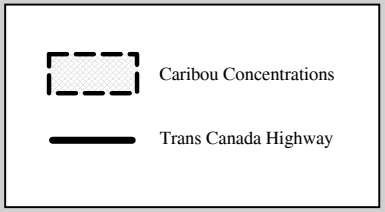
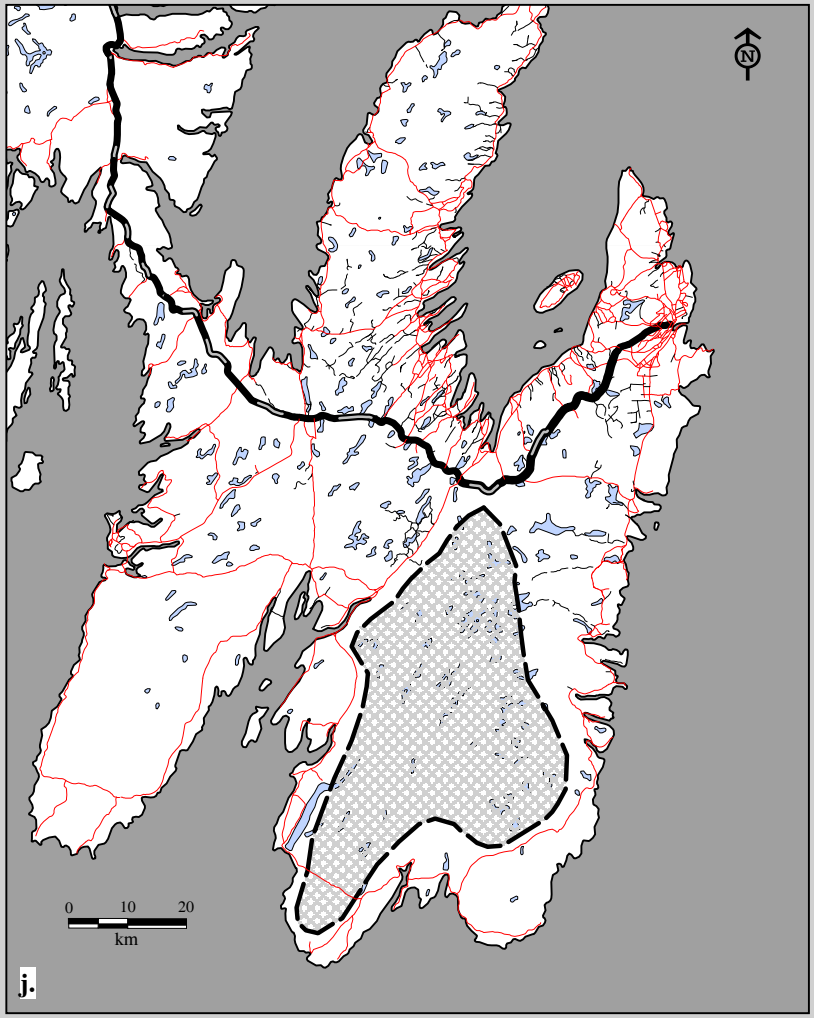


Fig. 14A-2 (con'd). Distributions of the Avalon Caribou Herd, h. 1955-1970 and i. 1970-1978.





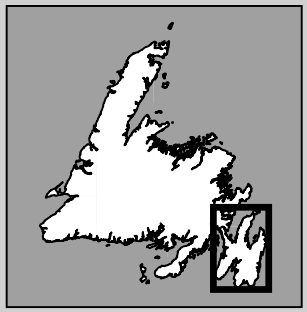
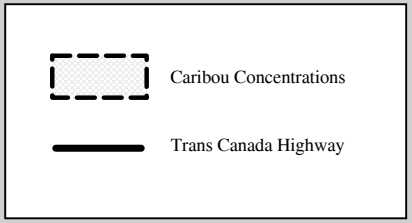
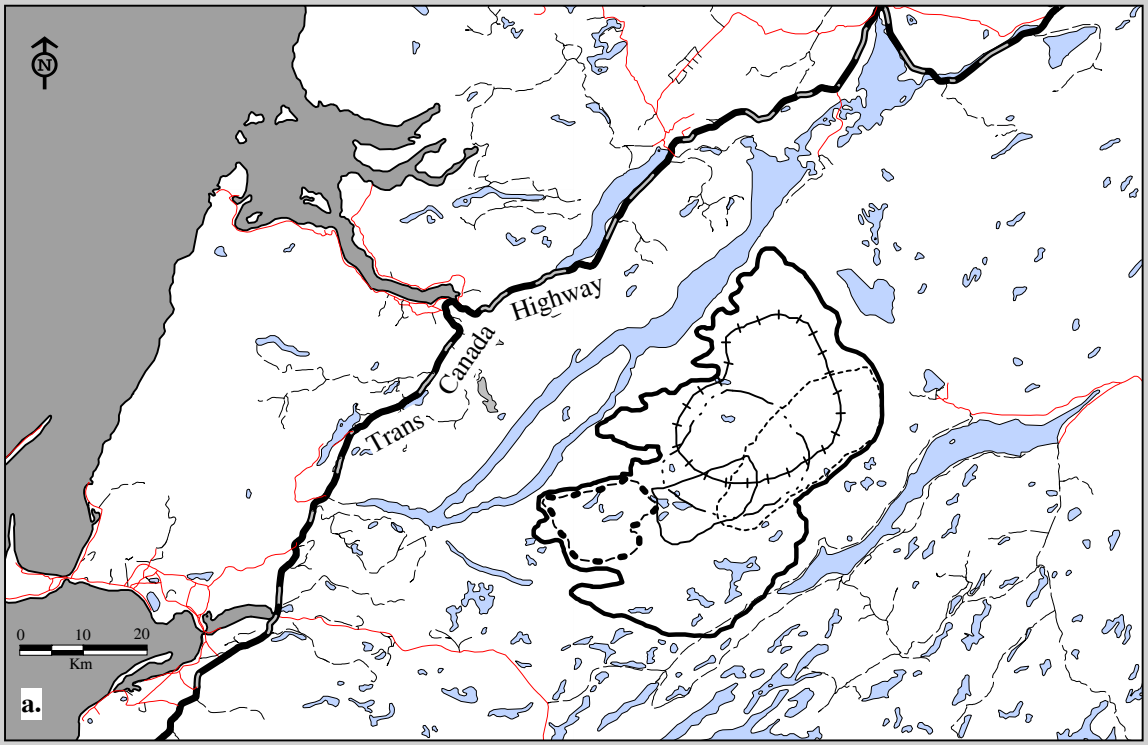


Fig. 14A-2 (con'd). Distributions of the Avalon Caribou Herd, j. 1978-1982.





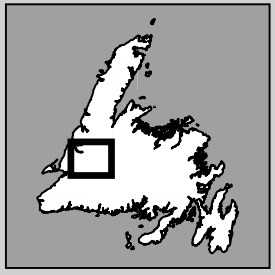
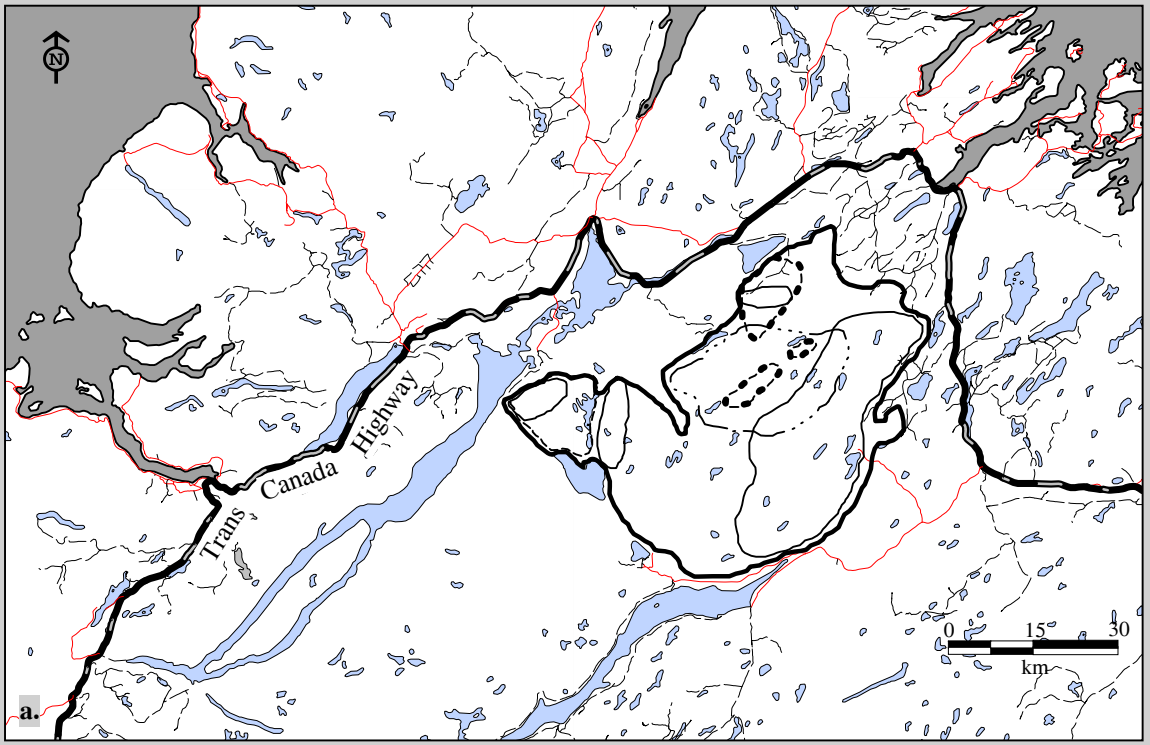


Fig. 14A-3. Annual and seasonal ranges for the Buchans Caribou Herd, a. early 1980's.

Year Round Distribution
Winter Distribution
High Density Winter Distribution
High Density Fall Distribution
High Density Calving Distribution
High Density Post Calving Distribution



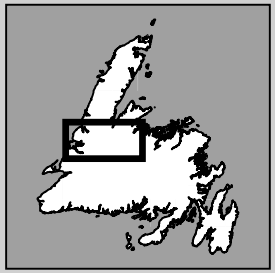
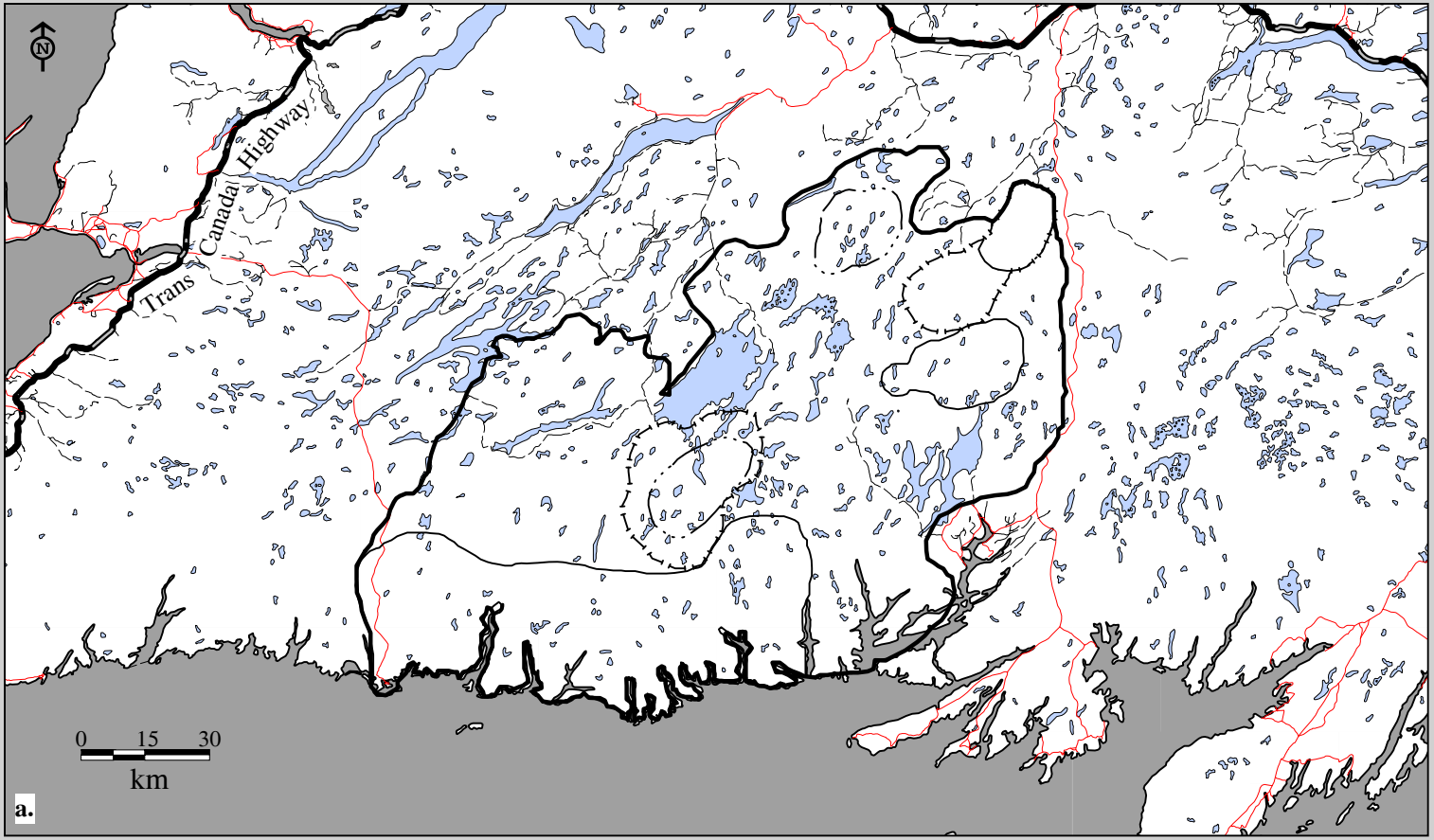


Fig. 14A-4. Annual and seasonal ranges for the Gaff Topsails Caribou Herd, a. early 1980's.

Year Round Distribution
Winter Distribution
High Density Winter Distribution
High Density Fall Distribution
High Density Calving Distribution



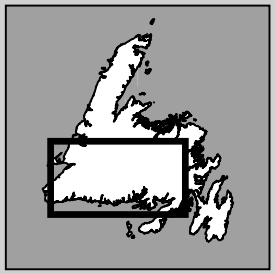


Fig. 14A-5. Annual and seasonal ranges for the Grey River, Sandy Lake, and Pot Hill Caribou Herds, a. early 1980's.

Year Round Distribution
High Density Winter Distribution
Low Density Calving Distribution
High Density Calving Distribution

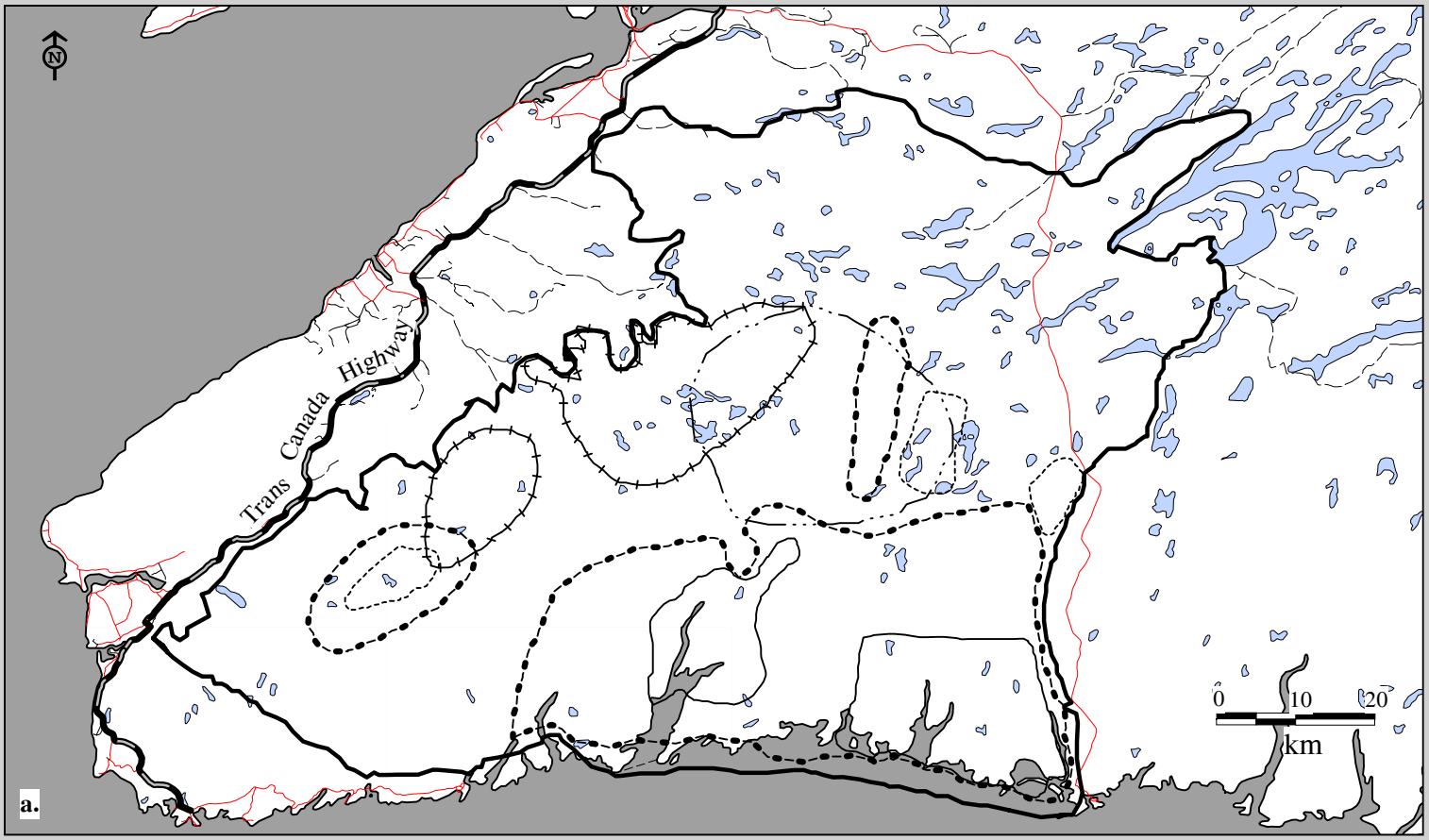
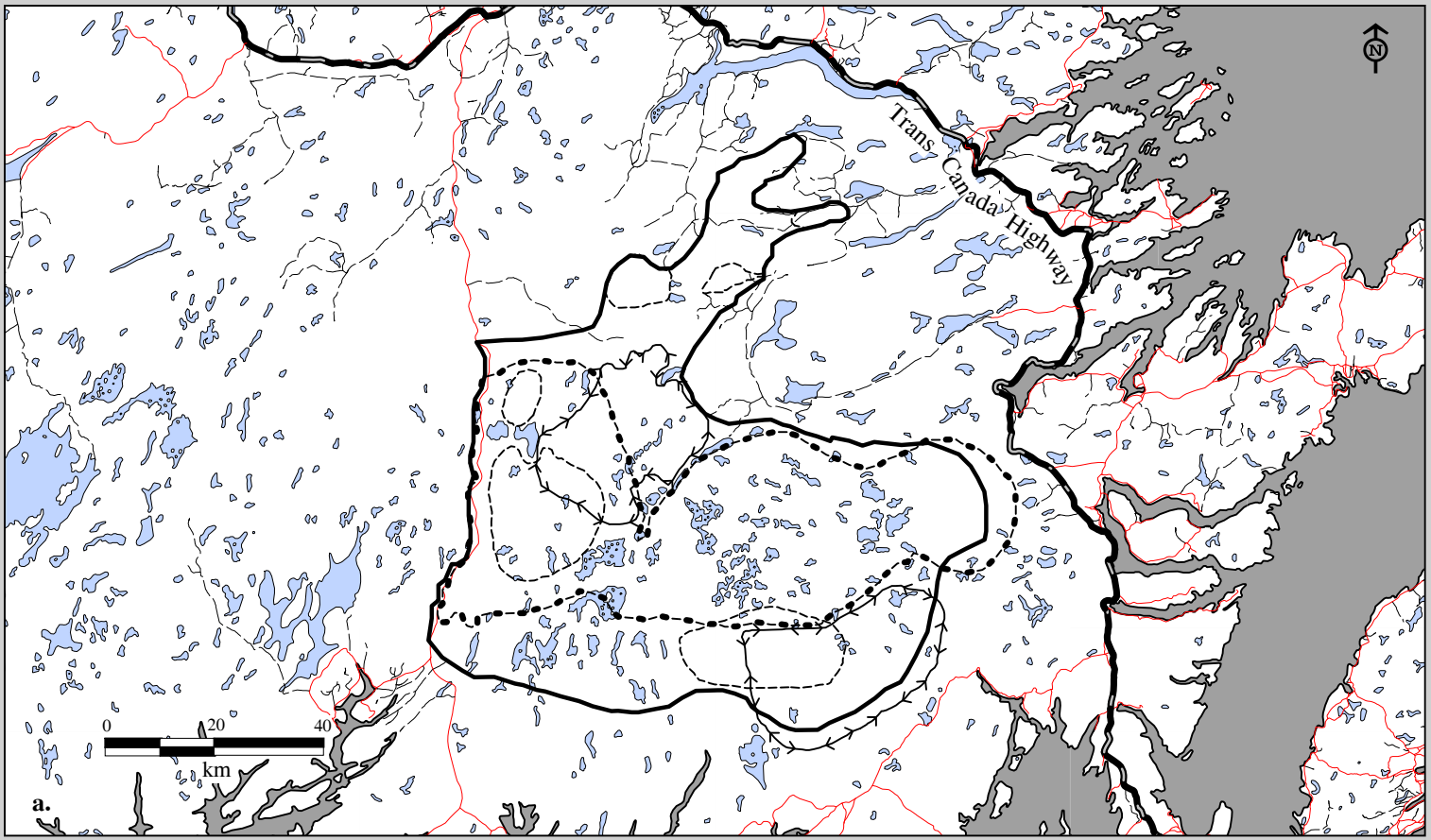


Fig. 14A-6. Annual and seasonal ranges for the La Poile Caribou Herd, a. early 1980's.

Year Round Distribution
Winter Distribution
High Density Winter Distribution
High Density Fall Distribution
High Density Calving Distribution
High Density Post Calving Distribution



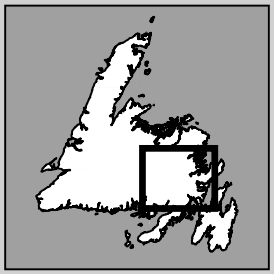


Fig. 14A-7. Annual and seasonal ranges for the Middle Ridge Caribou Herd, a. early 1980's.

Year Round Distribution

Winter Distribution

Spring Distribution

High Density Fall Distribution

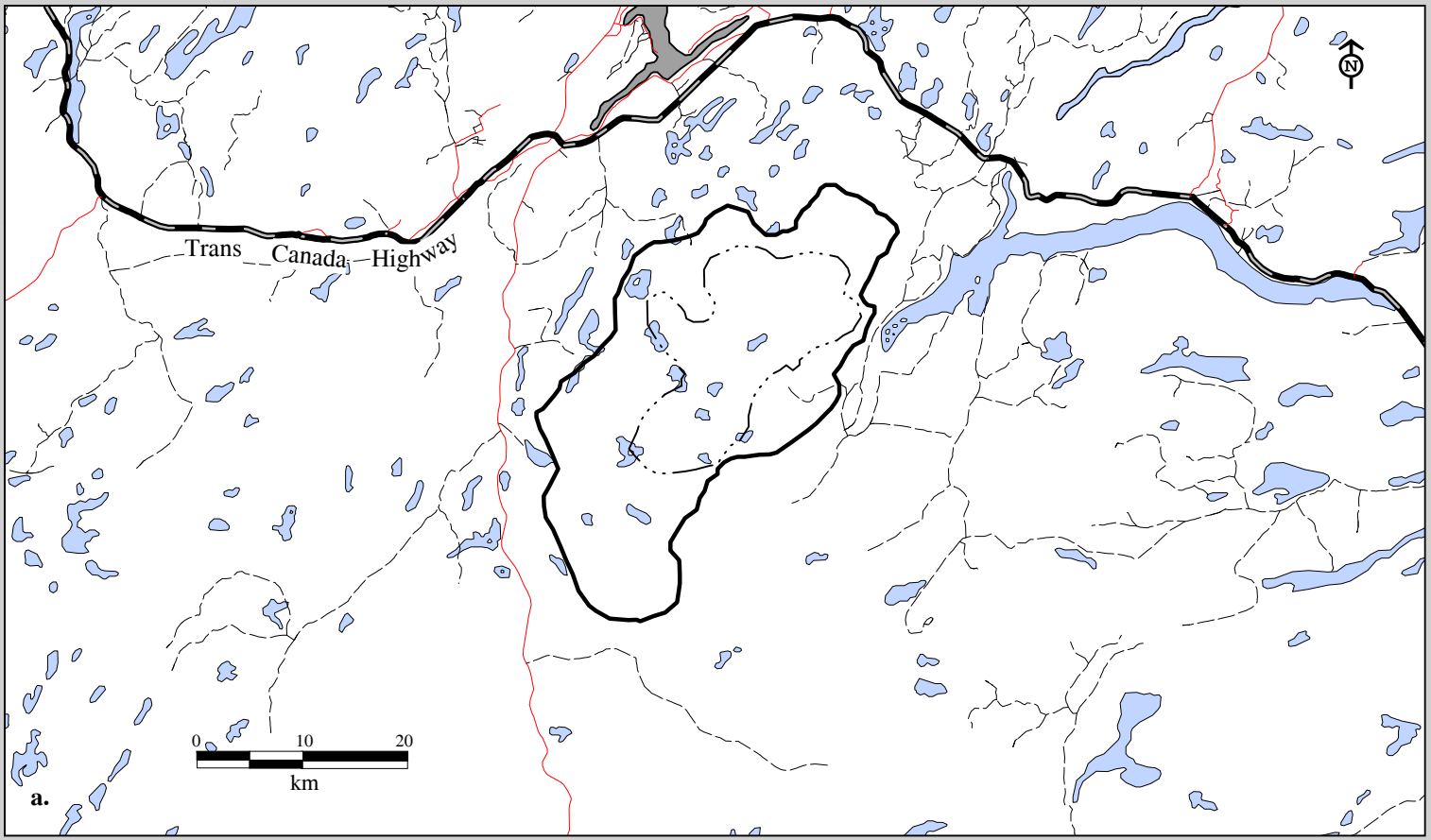


Fig. 14A-8. Annual and seasonal ranges for the Mount Peyton Caribou Herd, a. early 1980's.

Year Round Distribution

High Density Calving Distribution

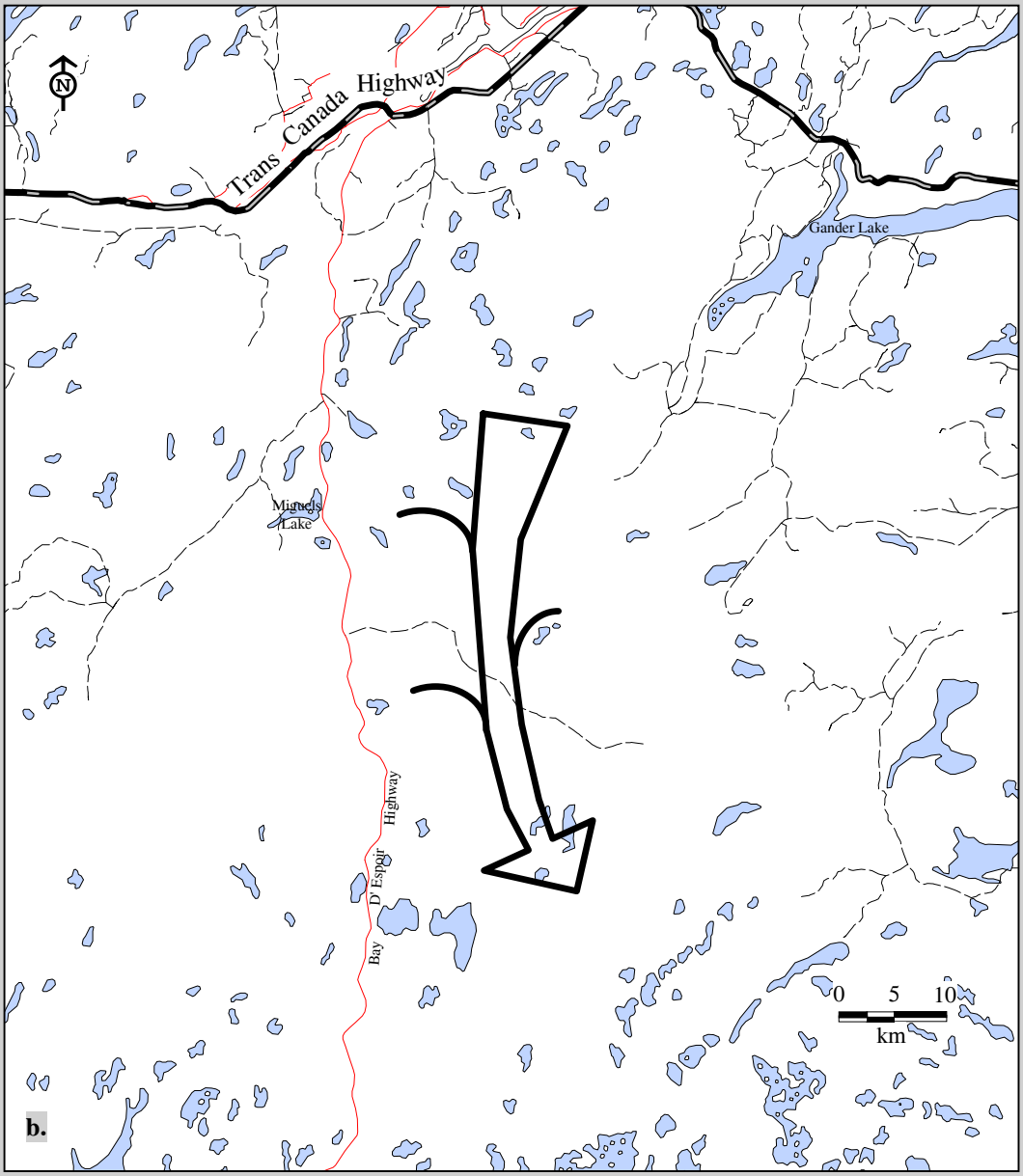
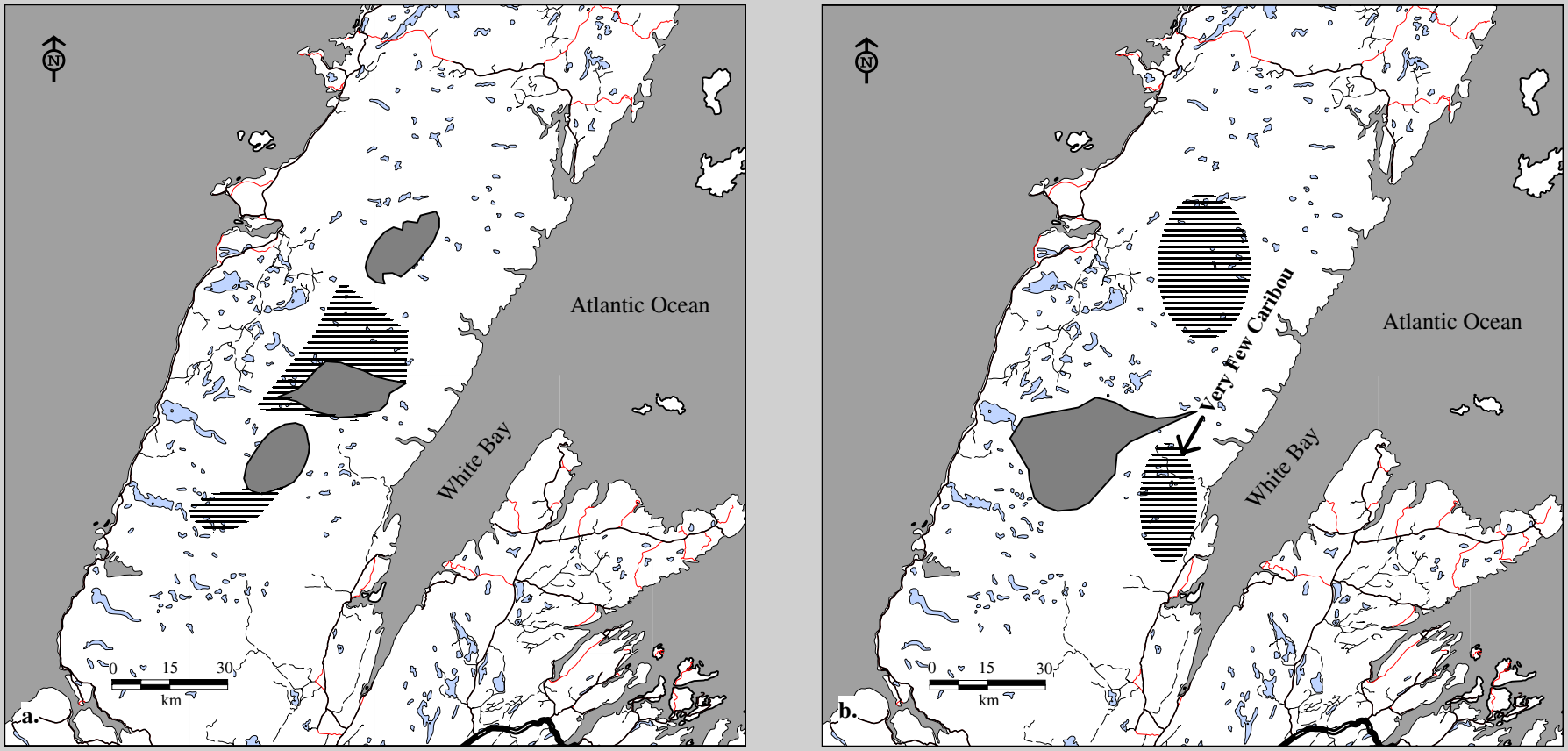


Fig. 14A-8 (con'd). Distribution of the Mount Peyton Caribou Herd fall migration route, b. 1982.



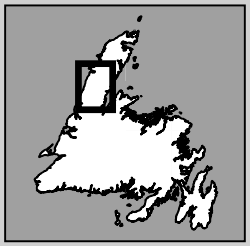


Fig. 14A-9. Spring-summer concentrations for the Northern Peninsula Caribou Herd, a. 1958 and b. 1966.

Caribou Densities

High Density
Low Density

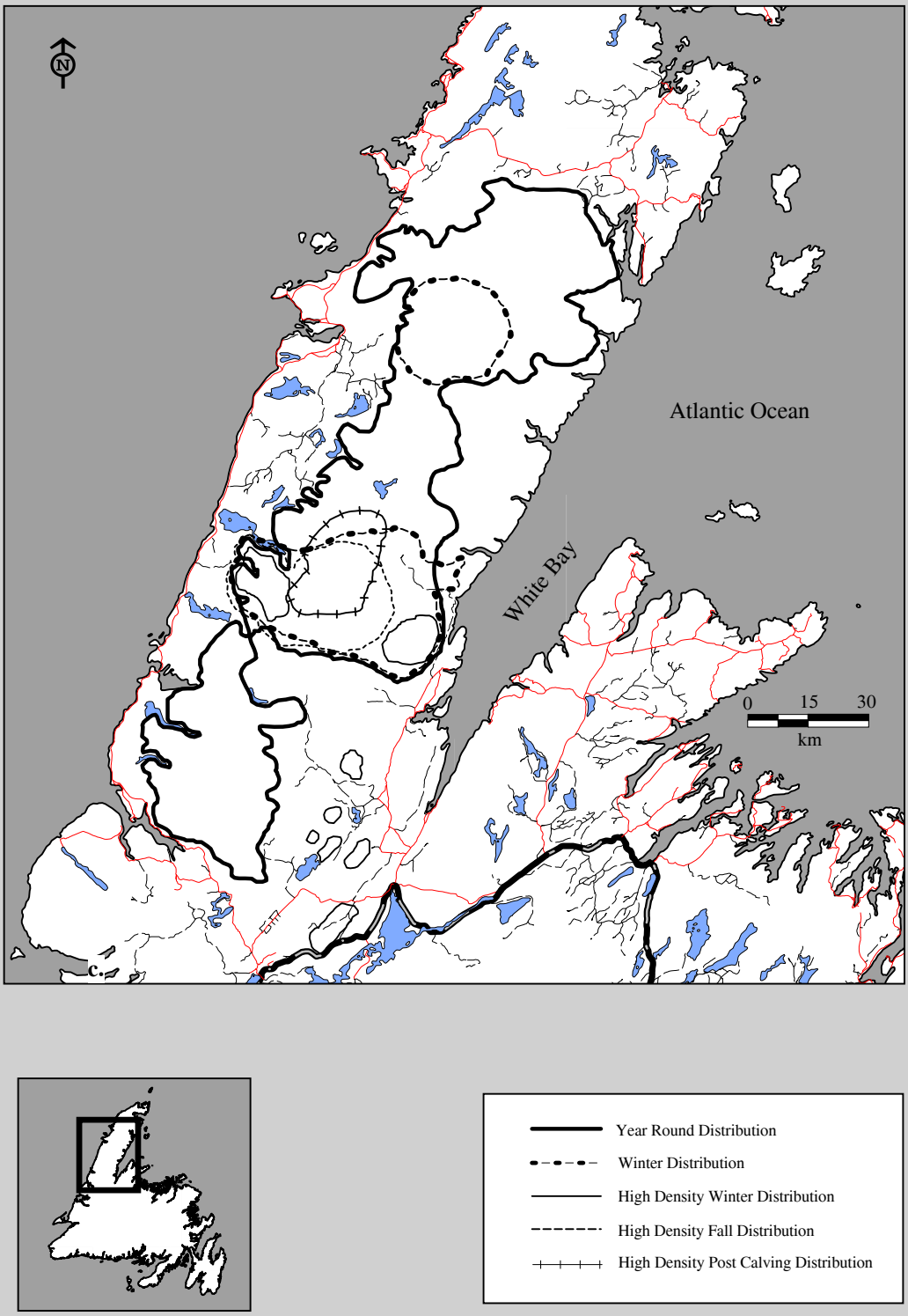
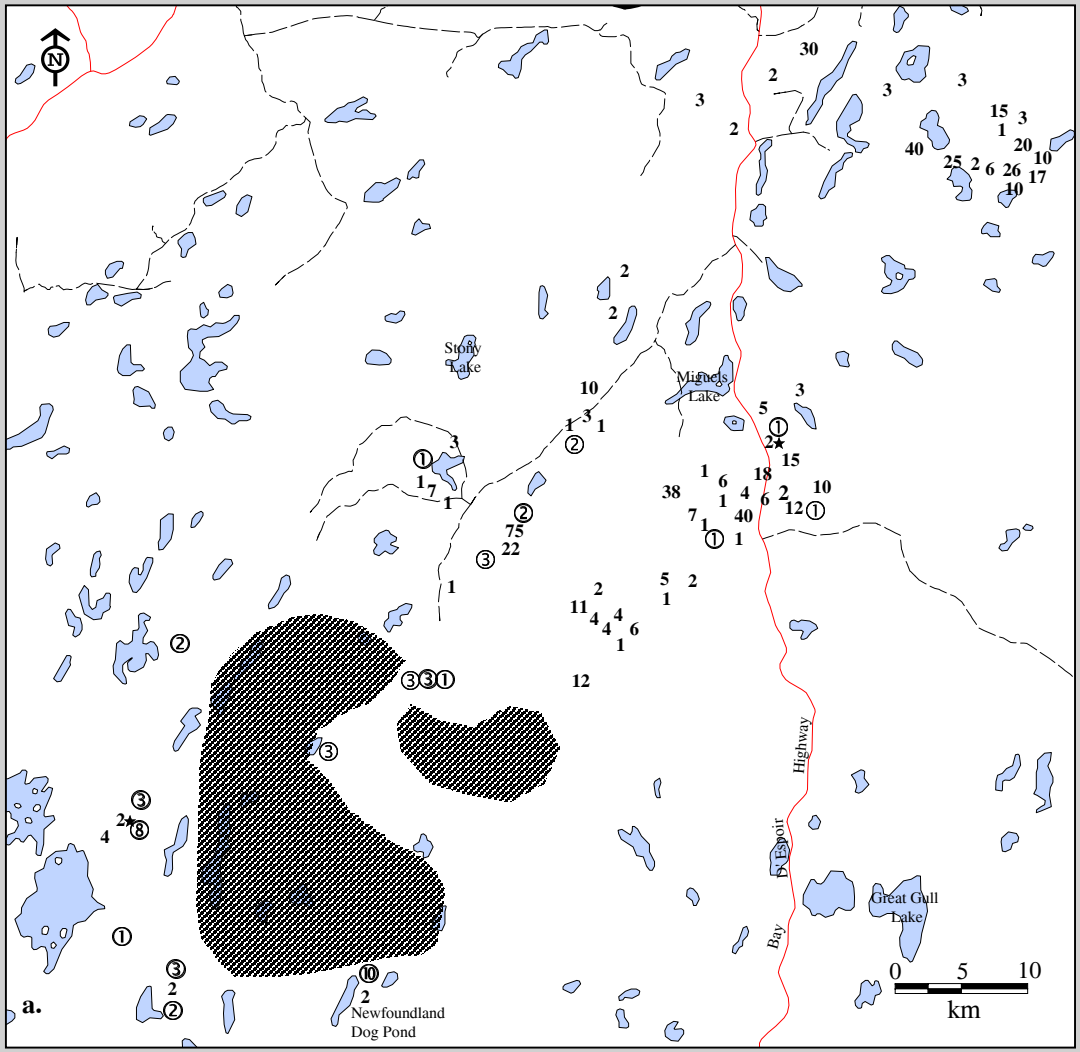


Fig. 14A-9. Annual and seasonal ranges for the Northern Peninsula Caribou Herd, c. early 1980's.



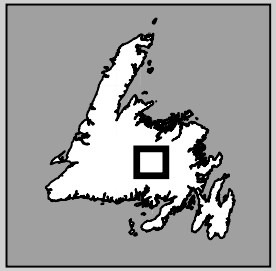


Fig. 14A-10. Historical spring-summer caribou concentrations for the Pot Hill Caribou Herd, a. June 1958.

1★ Yearling
1 Female
① Male
Area Not Surveyed

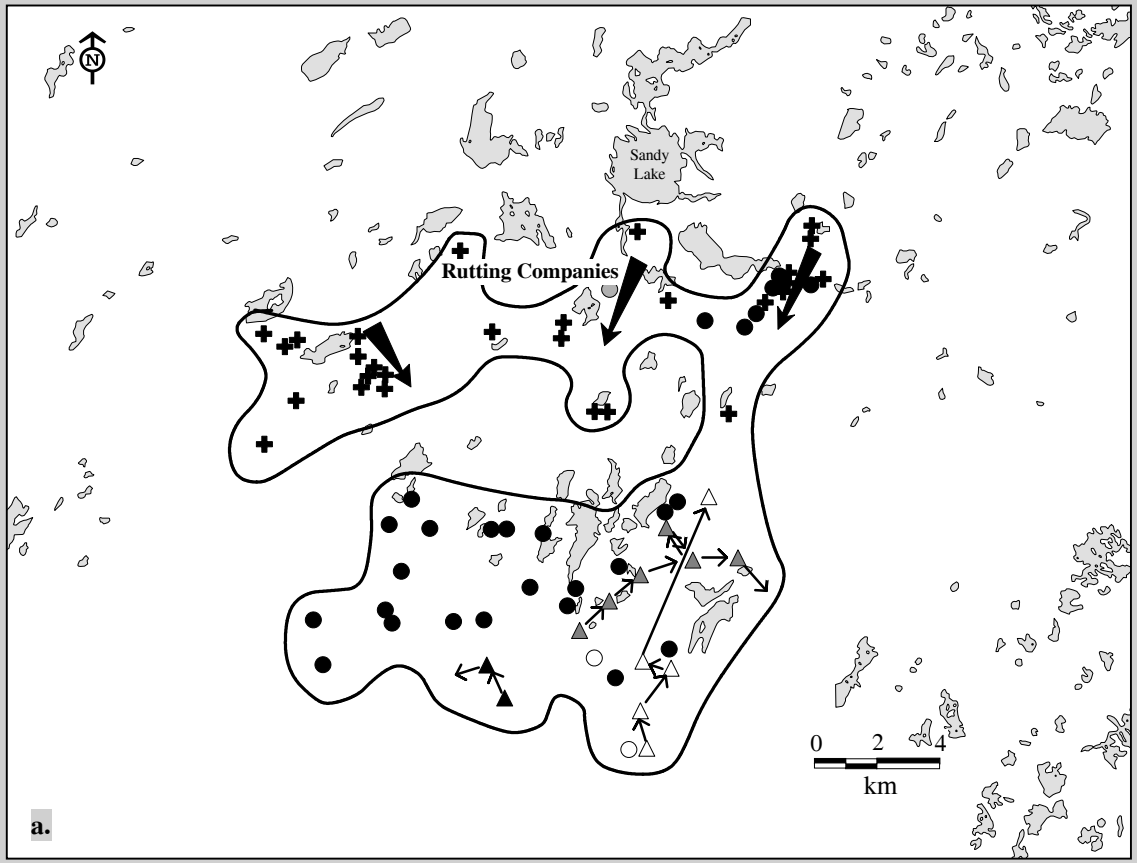


Fig. 14A-11. Fall breeding distribution of the Sandy Lake Caribou Herd, a. 1956-59.

- Fall Shuffle Caribou
- Pre-estrus Rutting Companies - 1957
- Mating Herd - 1956
- Mating Herd No. 1 - 1957
- Mating Herd No. 2 - 1958
- Mating Herd - 1958
- Mating Herd - 1959
- Rutting Company Daily Movements

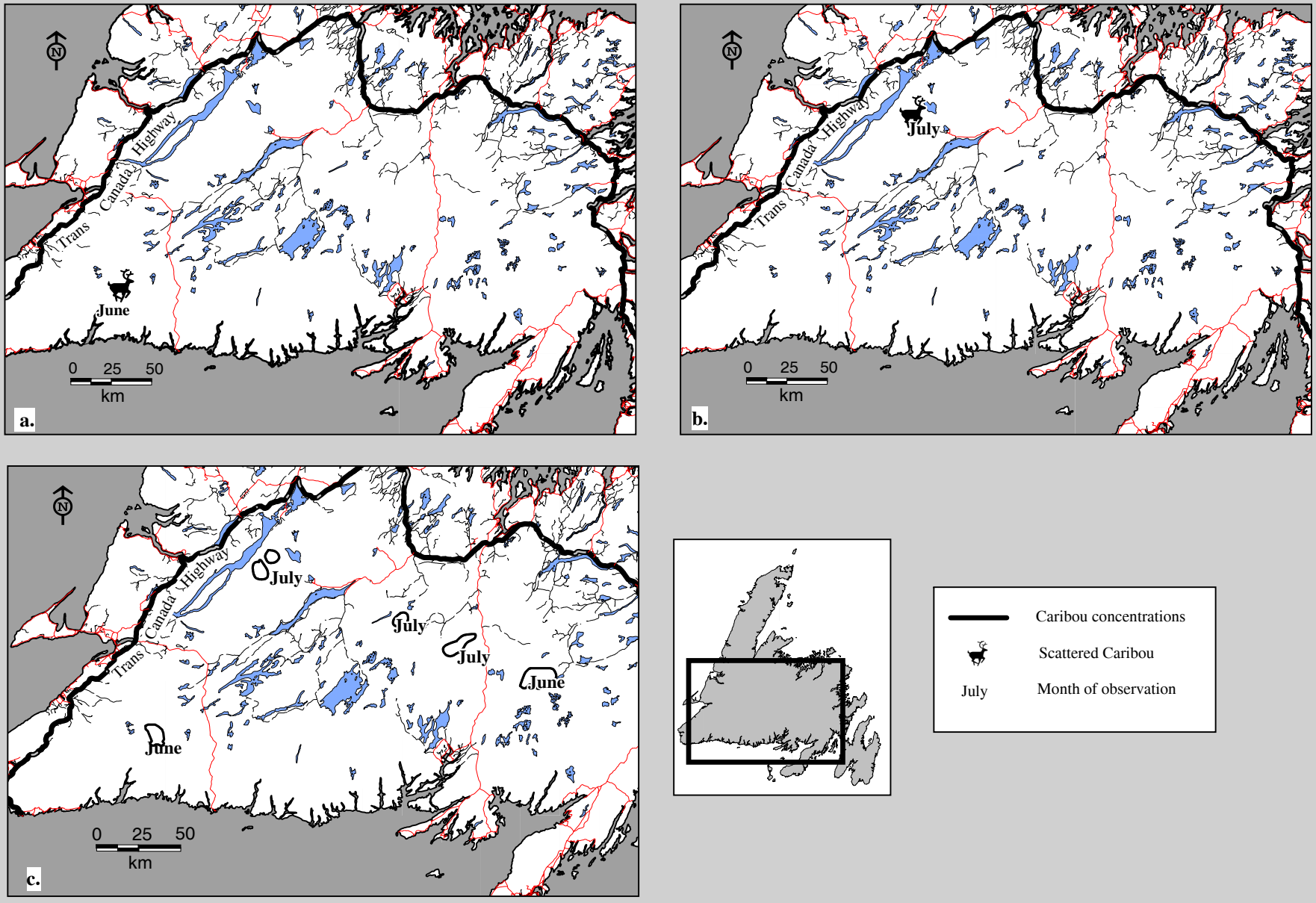
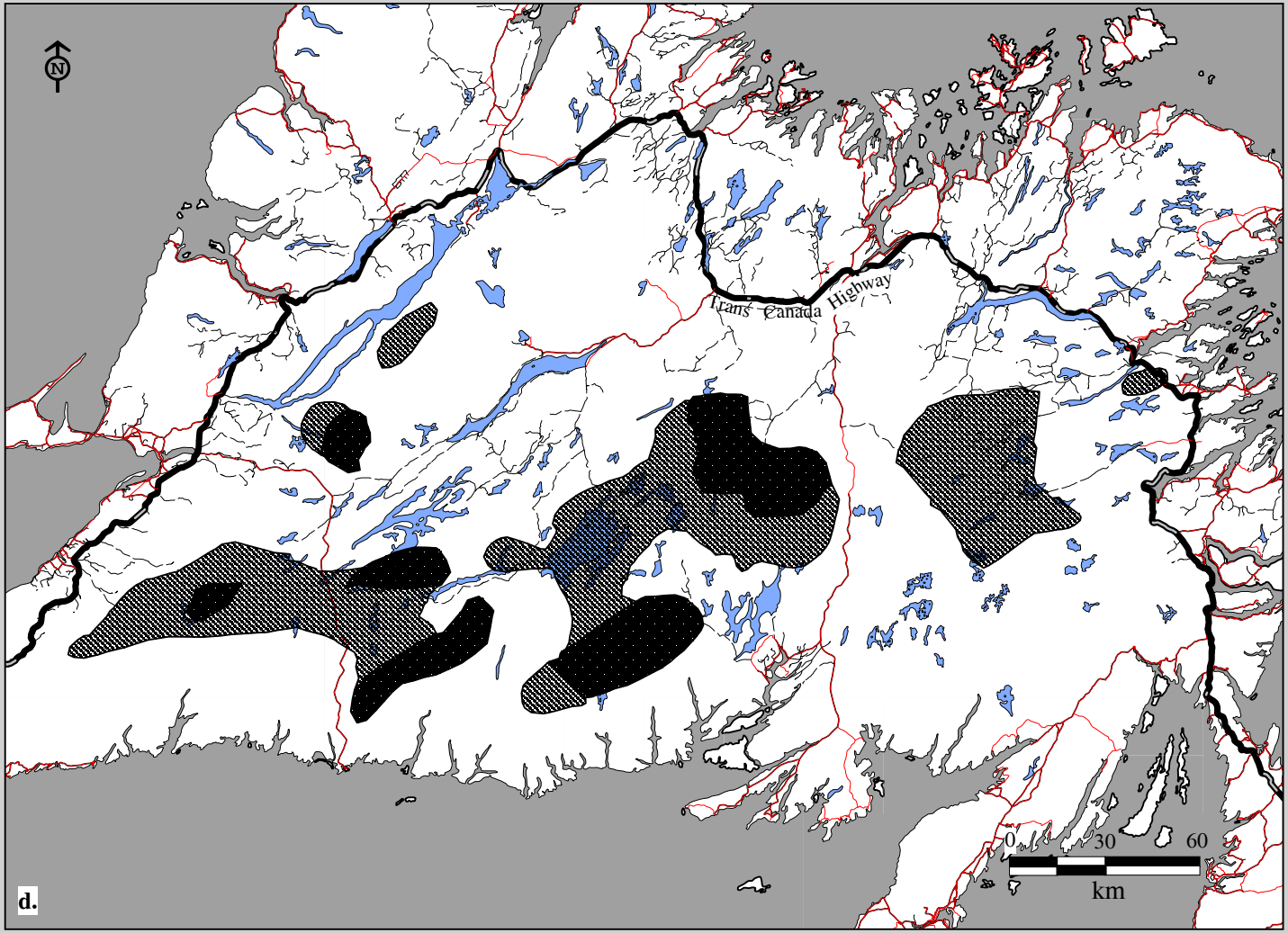


Fig. 14A-12. Spring-summer caribou concentrations for south-central Newfoundland, a. 1954, b. 1957, and c. 1962



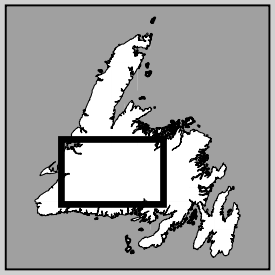
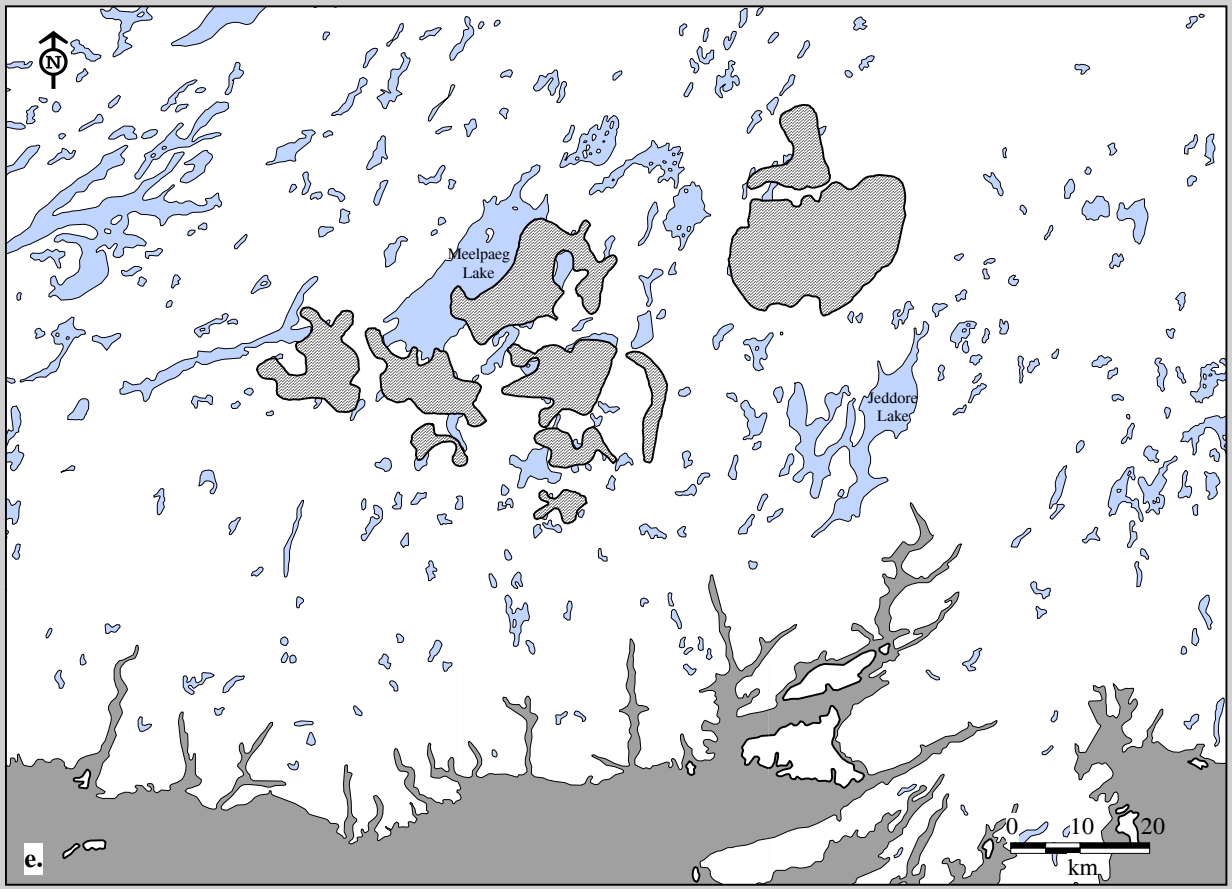


Fig. 14A-12 (con'd). Fall breeding caribou concentrations in south-central Newfoundland, d. 1957.

Caribou Distribution - 1957
October - November

Caribou Abundant (over 2 per sq. mile)

Caribou Common (1-2 per sq. mile)



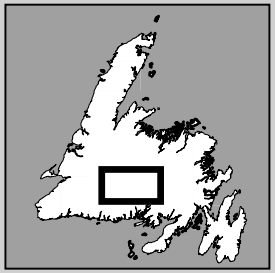


Fig. 14A-12 (con'd). Fall breeding caribou concentrations in south-central Newfoundland, e. 1957-60.

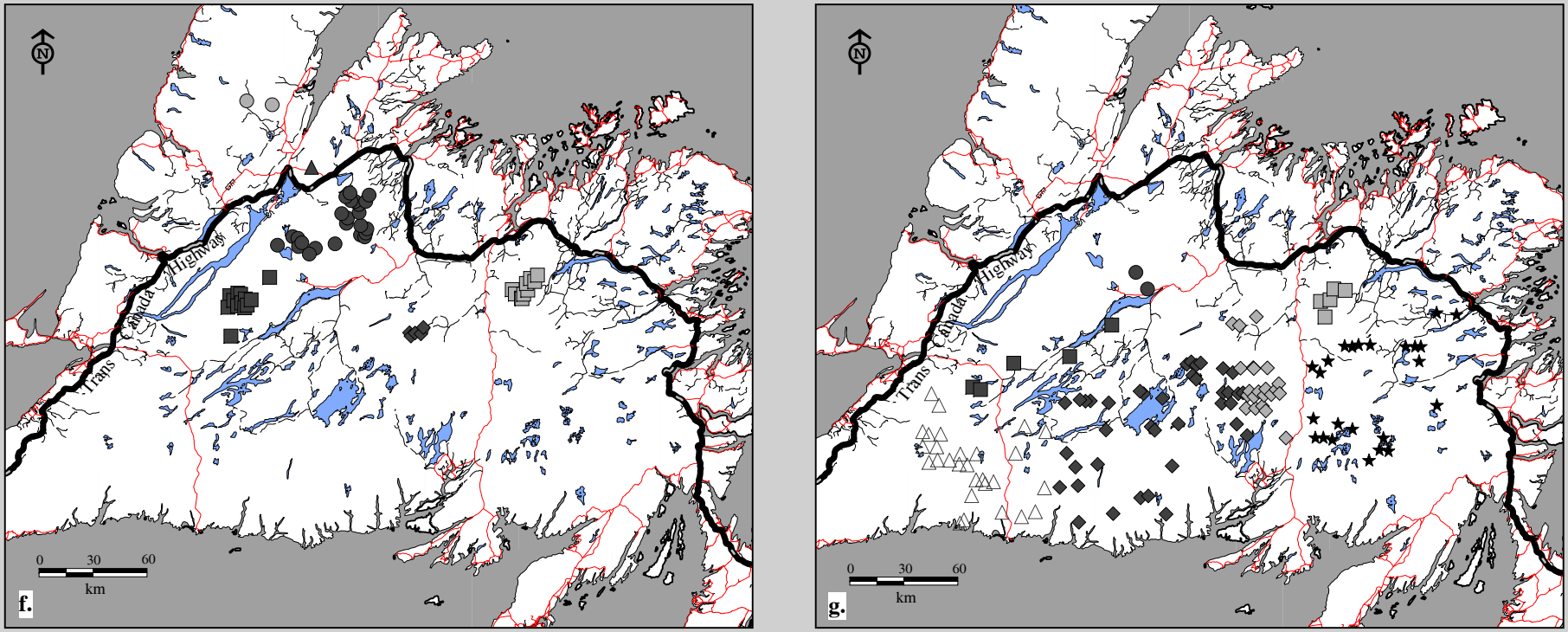


Fig. 14A-12 (con'd). Fall breeding distributions for Insular Newfoundland caribou, f. 1960 and g. 1962, determined by fixed-wing aircraft and ground reconaissance.

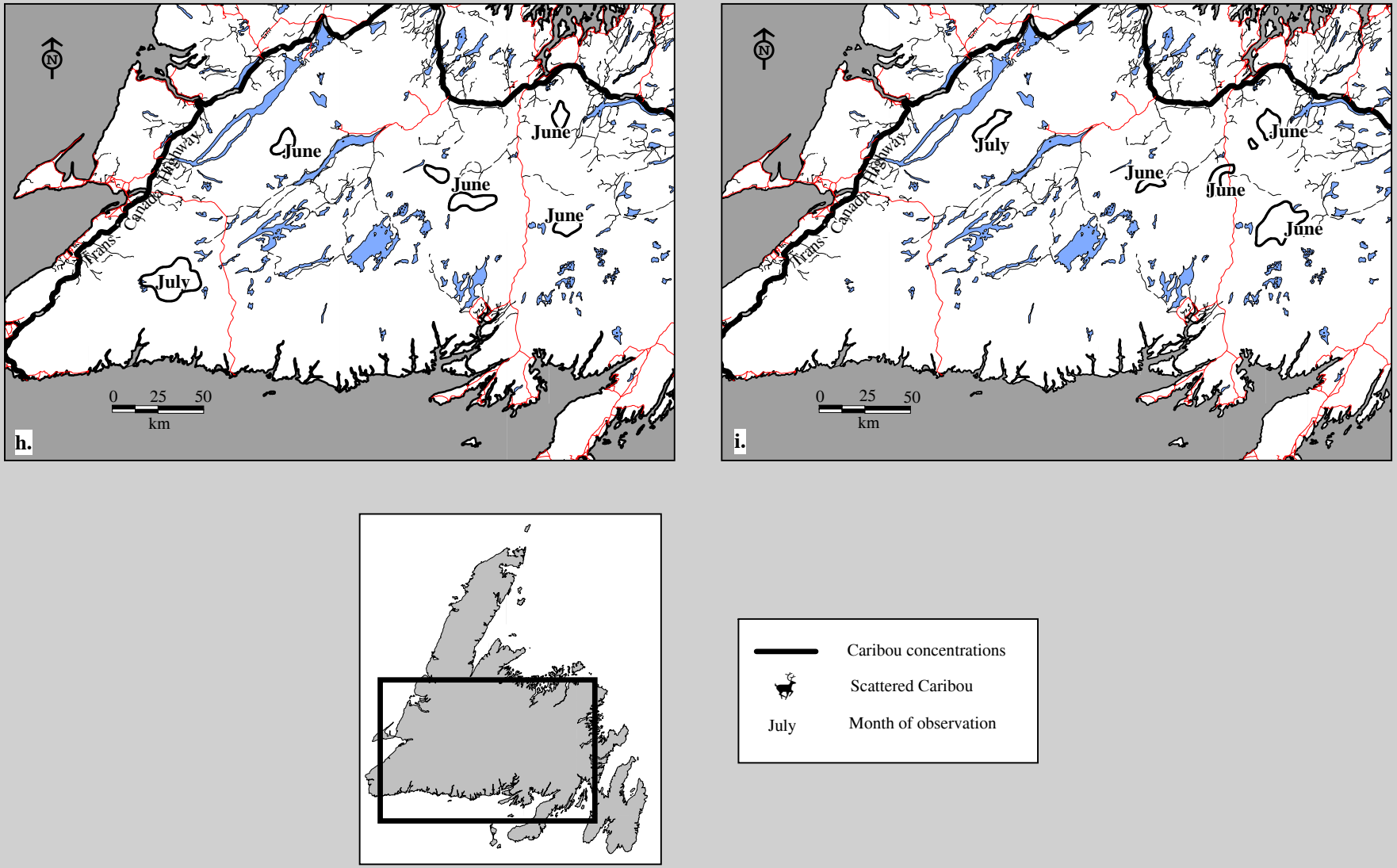


Fig. 14A-12 (con'd). Spring-summer caribou concentrations for south-central Newfoundland, h. 1963 and i. 1964.

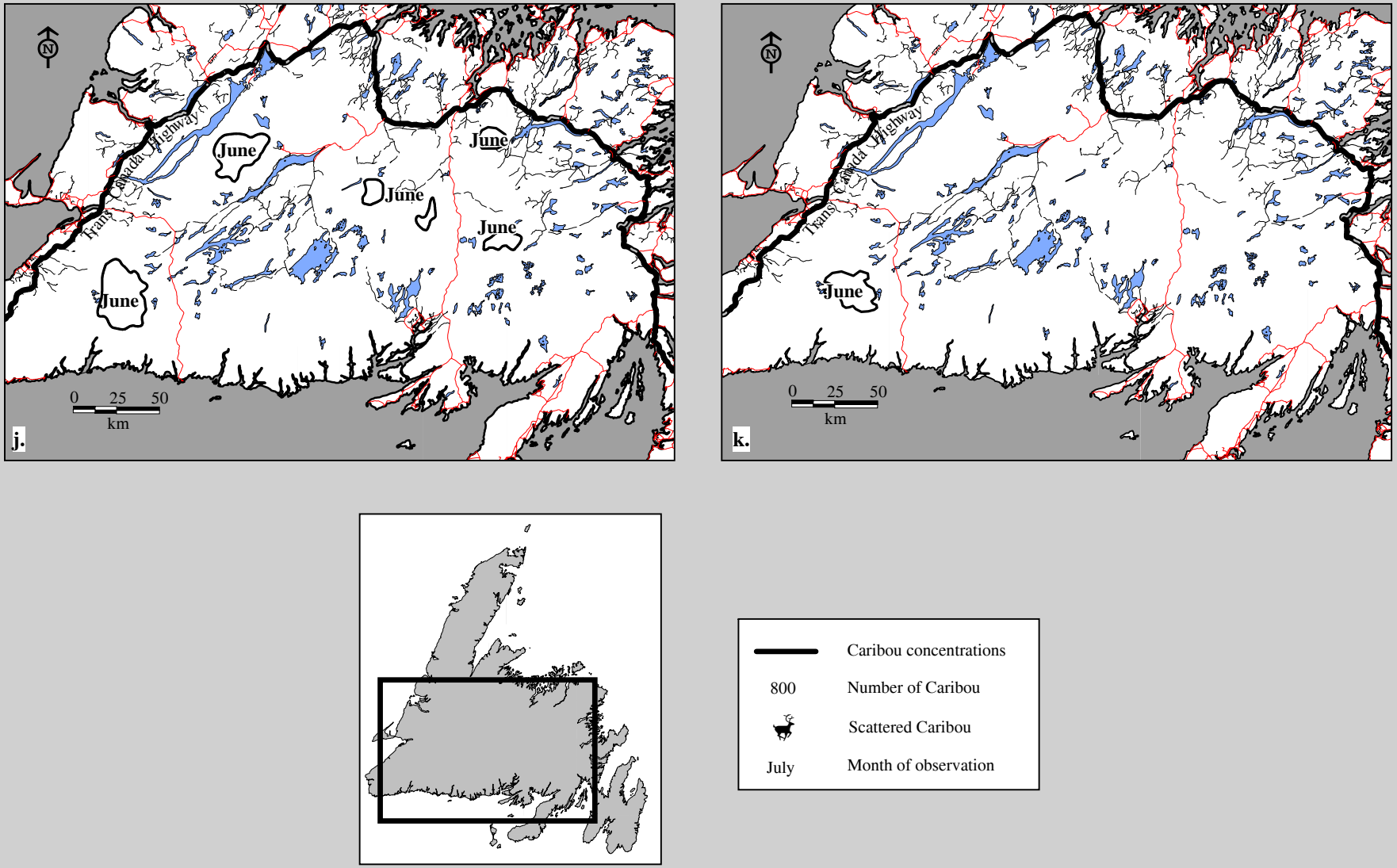


Fig. 14A-12 (con'd). Spring-summer caribou concentrations for south-central Newfoundland, j. 1965 and k. 1966.

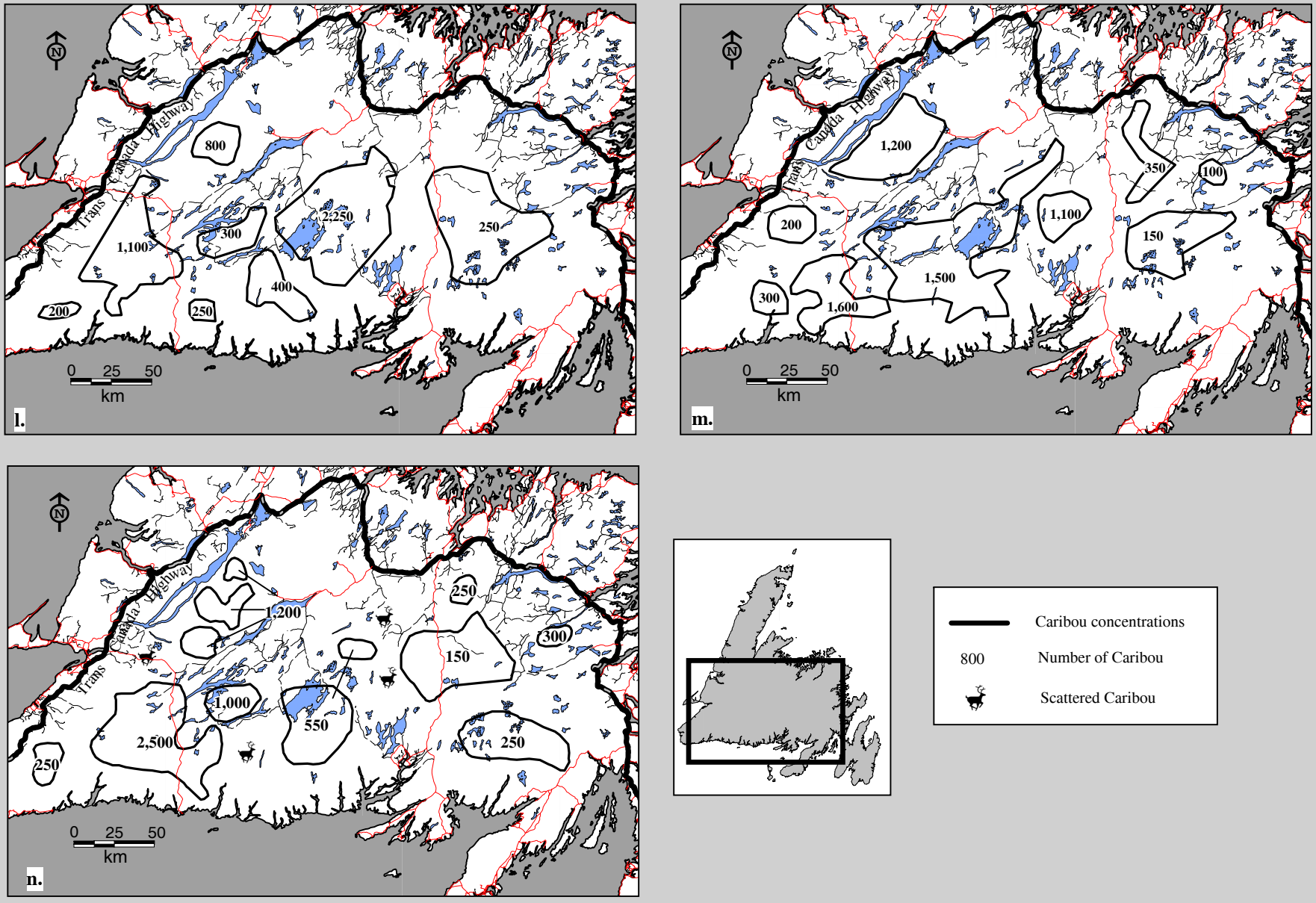
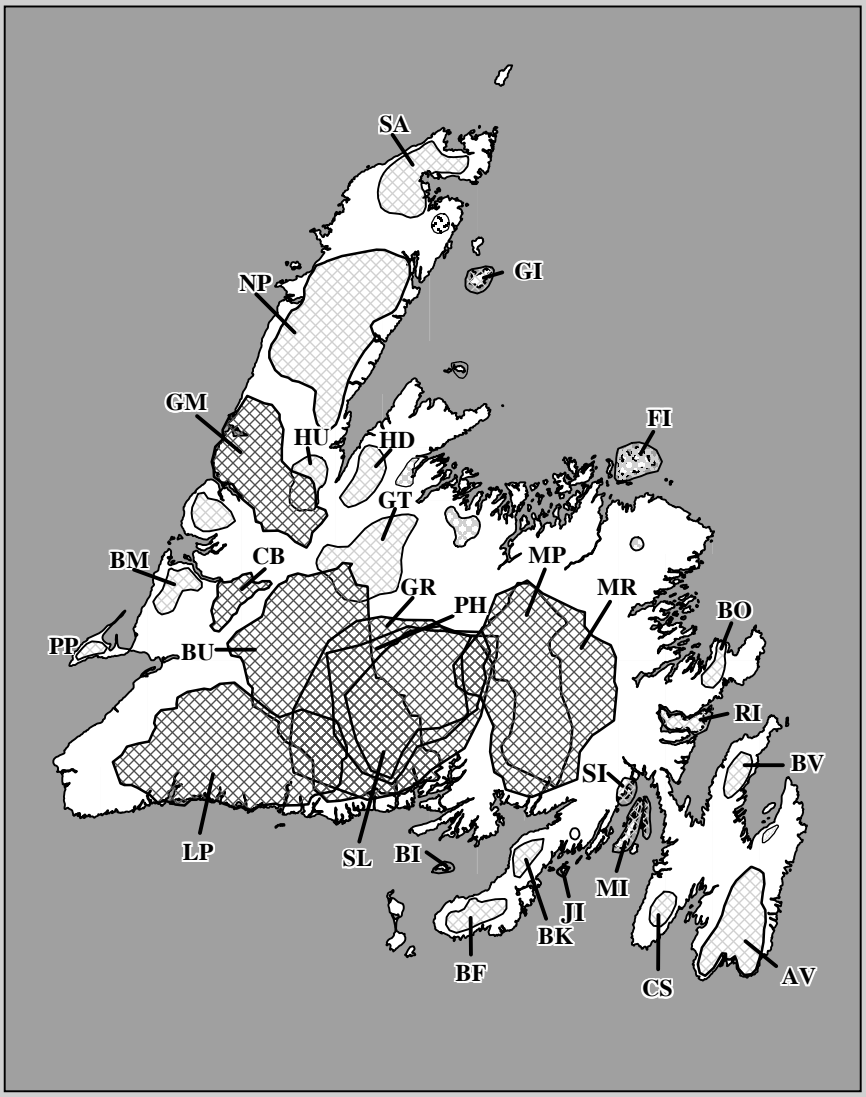


Fig. 14A-12 (con'd). Fall caribou concentrations for south-central Newfoundland, l. 1961, m. 1962, and n. 1963

Section 14B:

Population Surveys for Insular Newfoundland Caribou Herds, 1956-1998.



Caribou Herds

Avalon (AV)
Bay de Verde (BV)
Blow Me Down Mtn (BM)
Bonavista (BO)
Brunette Island (BI)
Burin Foot (BF)
Burin Knee (BK)
Buchans (BU)
Cape Shore (CS)
Corner Brook Lakes (CB)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
Hampden Downs (HD)
Humber (HU)
Jude Island (JI)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Northern Peninsula (NP)
Port au Port (PP)
Pot Hill (PH)
Random Island (RI)
Sandy Lake (SL)
Sound Island (SI)
St. Anthony (SA)

Table 14B-1. Summary of caribou herd introductions within Insular Newfoundland.

Caribou Herd	Year(s) Introduced	Source Population	Number Introduced	Last Census	Current Population Estimate	Fall Hunt		
						CMU	Began in	1998 Quota
Bay De Verde	1987-1990	Avalon	40	Fall 1995	93		No Hunting	
Blow-Me-Down Mts	1964	Middle Ridge	13	Fall 1985	87	75	1979	Closed in 1981
Bonavista Peninsula	1964-1968	Buchans	33	Winter 1976	10		No Hunting	
Brunette Island	1962	Buchans	17	Fall 1993	68		No Hunting	
Burin Peninsula	1964-1967	Buchans	68	Fall 1990	426	73 & 74	1978	Closed in 1980
Butter Pot	1964	Avalon	4	-	0		No Hunting	
Cape Roger	1965	Buchans	9	-	-		No Hunting	
Cape Shore	1976-1977	Avalon	28	Fall 1994	1,190	77	1996	200
Change Islands	1964	Buchans	5	-	-		No Hunting	
Englee	1982	Grey Islands	30	-	-		No Hunting	
Fogo Island	1964-1967	Buchans	26	Fall 1996	192	72	1975	25
Gregory Plateau	1965-1967	Middle Ridge	25	Winter 1987	300		No Hunting	
Grey Islands	1964	Humber	8	Winter 1992	525	71	1975	5
Horse Island	1964	Buchans	6	-	-		No Hunting	
Jude Island	1964-1965	Buchans	6	-	-		No Hunting	
Merasheen Island	1961-1965	Buchans	36	Winter 1993	300	70	1975	25
New Bay	1964-1965	Buchans	4	-	-		No Hunting	
Port-au-Port	1964-1965	Middle Ridge	20	1982	40		No Hunting	
Random Island	1964-1967	Buchans	21	Fall 1995	19		No Hunting	
Sound Island	1961-1964	Buchans	16	Spring 1991	30		No Hunting	
St. Anthony	1976-1982	Buchans	21	Winter 1998	7,641	76	1986	200
Weir's Pond	1964	Buchans	4	-	-		No Hunting	

Table 14B-2. Population surveys for Insular Newfoundland caribou herds by season and year. Maps were digitized for years in **bold** (see Figures 14B-1 to 14B-24).

Caribou Herd	Season				
	Spring (May 1 - June 30)	Summer (July 1 - Sept. 30)	Fall (Oct. 1 - Nov. 30)	Winter (Dec. 1 - Apr. 30)	Unknown
Avalon	1976, 1979, 1981, **1984**, **1995**		1956, 1957, 1958, 1959, 1960, 1961, **1964**, **1965**, 1966, 1967, 1970, 1973, 1975, 1977 **1990**, **1995**	**1962**, **1963**, 1971, **1982, 1996**, 1998	
Baie Verte			1974,	1980, 1982, 1996	1978
Bay de Verde			**1995**	**1994**	
Blow-Me-Down Mountains	**1981**		1985		
Bonavista Peninsula	1964, 1967, 1968		1964, 1967, 1968	1964, 1967, 1968, 1976	
Brunette Island	1973, **1964**, 1982, 1995		1963, 1964, 1965, 1966, 1967, 1972, 1973, 1975, 1976, 1981	**1972**, 1974, **1975**, 1977, **1993**	
Buchans	1973, 1976, **1977**, **1978**, **1980**, **1982**, **1994, 1995**		1960, 1962, 1963, 1964, 1965, 1973, 1974, 1975, 1979	1971, 1974, 1979	
Burin Peninsula			1964, 1965, 1967, 1975, 1976, 1977	1973, 1982, 1990	
Burin Foot				**1981**	
Burin Knee			**1995**	**1981**	
Cape Shore	1993, 1994	1978	1979, 1981, 1982, 1983, 1984, **1994**	1982, **1991**	1980
Corner Brook Lakes				**1996**, **1997**	
Fogo Island	1972, 1977		1971, **1996**	1973, 1974, 1992, **1994**	1982
Gaff Topails	1975, 1979, **1982**, 1989			1969, 1974, **1976**, **1980**, 1982, **1989**	1973, 1977
Gregory Plateau				1983	1987
Grey Islands				1985, **1992**	1989
Grey River	1965, **1979**, **1980**, **1981**, **1982**,**1983**, **1984**	1962, **1980**	1960, 1963, 1964, 1975, **1980**, 1982, **1983**, **1987**	1957, 1966, **1971**, 1973, **1974**, **1980**, 1997	
Gros Morne	1976, 1977, 1980, 1982, 1983, 1986, 1992, 1993	1995, 1997			
Hampden Downs	**1978**		1989	1979	
Horse Island					1982
Humber			1954, 1956, 1957, 1958, 1959, 1960, 1962, 1963, 1964, 1989	1982, **1989**, 1994, 1998	1975
Jude Island			1964, 1965, 1975, 1982		

Table 14B-2 (con'd). Population surveys for Insular Newfoundland caribou herds by season and year. Maps were digitized for years in **bold** (see Figures 14B-1 to 14B-24).

Caribou Herd	Season				
	Spring (May 1 - June 30)	Summer (July 1 - Sept. 30)	Fall (Oct. 1 - Nov. 30)	Winter (Dec. 1 - Apr. 30)	Unknown
La Poile	1979, **1980**, 1986	1987	1960, 1962, 1963, 1964, 1965, **1980**	**1971**, 1974, 1976, 1979, 1980, 1981, 1982, **1986**, **1988**, **1992**, 1997	
Merasheen Island			1962, 1971, 1975, 1976, **1990**	1963, 1964, 1982, **1993**	
Middle Ridge	1960, **1962**, **1964**, 1965, **1979**, 1980, **1981**		**1963**, 1964, **1980**, 1982	1963, **1964**, **1971**, 1973, **1974**, **1981**, **1982**, 1985**, 1995**	
Mount Peyton	1965, 1966, 1967, 1969, 1970, **1982**, **1994**	1952	1962, 1963, 1976, **1980**, 1981, 1982	1964, 1974, 1978, **1969**	1987
Northern Peninsula	1979, **1981**, **1982**		1958, 1966, **1979**	**1970**, **1974**, **1976**, **1982**, **1996**	
Port Au Port	1973, 1975		1972, 1973, 1974, 1975, 1977	1969, 1971, 1976, 1980	1982
Pot Hill	1962, 1979, 1980, **1981**, **1982**		1960, 1963, 1964, 1965, 1983, **1987**	**1997**	
Random Island			1964, 1965, 1967, 1968, 1971, **1995**	1975, 1976	1980, 1982
Sandy Lake	**1965**, 1979, 1980, 1981, 1982, 1983, 1984		1960, 1962, 1963, 1964, 1965, 1983, 1987	1997	
Sound Island	1991		1961, 1963, 1964, 1968, 1971, 1973, 1975		1982
St. Anthony	**1981**		1976, 1977, 1978, 1979, 1980	1985, **1998**	1982, 1983

Table 14B-3. Population census results for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage (TAC), strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC).

Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Avalon	56/10	Fall	Strip					59			Beaver
	57/10	Fall	Strip					72			Beaver
	58/10	Fall	Strip					72			Beaver
	59/10	Fall	Strip					93			Beaver
	60/10	Fall	Strip					172			Beaver
	61/10	Fall	Strip					292			Beaver
	62/01/12	Winter	TAC	346	1,671	1,671	100	346			Beaver
	63/01/16	Winter	TAC	384	1,097	1,097	100	384			Beaver
	64/10	Fall	TAC	398				398			Beaver
	65/10/15	Fall	TAC	518	753	753	100	518			Beaver
	66/10	Fall	Strip					542			Beaver
	67/10	Fall	Strip					600			Beaver
	70/	Fall	Strip					1,025			
	71/01	Winter	Strip					1,300			
	73/	Fall	Strip					1,641			
	75/12/1	Winter	TAC	1,397				1,397			
	76/06/1	Spring	Strip	627		73	43	1,354			Beaver
	77/	Fall	Strip					2,211			
	79/05/23	Spring	Strip					3,000			
	81/05/28	Spring	Strip	93	256	1,600	16	1,654			Cessna
	82/01/13	Winter	Strip	517	442	2,071	21	2,982			
	82/01/22	Winter	Block	190		2,100	12	1,550			Bell 206
	82/01/22	Winter	Block	172				1,550			Jet Ranger
	84/05/9	Spring	Strip	1,132		2,383	16	5,099	1,764	36	Jet Ranger
	90/10/22	Fall	Strip	2,053	981	1,915	51	5,016	2,030	41	
	90/10/24	Fall	Block	1,558	230		12	5,783	1,903	33	
	95/05/24	Spring	Strip	1,544	959	3,173	33	4,660	1,998	43	
	95/11/07	Fall	Strip	1,779	427	2,136	20	8,540	4,666	46	Fixed-wing
	96/02/28	Winter	Strip	1,397	2,405		20	6,985	2,785	40	Fixed-wing
	96/03/01	Winter	Block	1,199	1,676		16	6,458	1,107	19	Heli
	98/04/16	Winter	Strip	876	1,056	3,509	30	2,147	1,044	49	Heli
	98/04/16-17	Winter	Block	641	1,056	3,509	30	1,677	541	29	Heli

Table 14B-3 (con'd). Population census results for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage (TAC), strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC).

Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Baie Verte	74/11/18	Fall	TAC					26			
	78/		TAC	100				100			
	80/04/25	Winter	TAC	77				77			
	82/	Winter	TAC					200			
	96/02/5-7	Winter	Strip	126	1,040	4,159	25	504	371	74	Fixed-wing
Bay de Verde	94/01	Winter	Strip	36			50	72			Fixed-wing
	95/11/24	Fall	TAC	93	393	733	54	93			Cessna 185
Blow Me Down Mountains	81/05/28	Spring	TAC	81				81			
	85/11/17	Fall	TAC	87				87			
Bonavista	76/01/19	Winter	TAC	10				10			Jet Ranger
Brunette Island	63/11	Fall	TAC	27				27			
	64/06	Spring	TAC	18				18			
	64/11	Fall	TAC	35				35			
	65/11	Fall	TAC	54				54			
	66/11	Fall	TAC	78				78			
	67/11	Fall	TAC	100				100			
	72/03/11	Winter	TAC	16				16			
	72/10/7	Fall	TAC	16				16			
	73/05	Spring	TAC	20				20			
	73/10/10	Fall	TAC	10				10			
	74/03/10	Winter	TAC	17				17			
	75/04/16	Winter	TAC	18				18			
	75/11/17	Fall	TAC	28				28			Jet Ranger
	76/09/26	Fall	TAC	35				35			
	77/04/18	Winter	TAC	35				35			
	81/	Fall	TAC	69				69			
	82/	Spring	TAC	70				70			
	93/02/13	Winter	Partial	26			50	52			Helicopter
	95/06	Spring	TAC								
	96/10/19	Fall	TAC	68				68			
Buchans	60/11	Fall	Strip					375			Beaver
	62/11	Fall	Strip					833			Beaver
	63/11	Fall	Strip					536			Beaver

Table 14B-3 (con'd). Population census results for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage (TAC), strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC).

Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Buchans (con'd)	64/11	Fall	Strip					1,118			Beaver
	65/11	Fall	Strip					743			Beaver
	71/01	Winter	Strip					2,000			
	73/	Spring	Strip					2,226			
	74/	Fall	Strip					2,300			
	75/	Fall	Strip					2,310			
	77/06	Spring	Strip	599	487	1,326	37	1,631	764	47	
	77/06/09	Spring	Block	309	400	1,667	24	1,287			Jet Ranger
	78/06/07	Spring	Strip	542	182	327	56	1,084			Jet Ranger
	78/06/07	Spring	Block	354		327		1,475			Jet Ranger
	79/01	Winter						2,100			
	79/11/16	Fall	Strip	74	673	4,120	16	453	536	118	
	79/11/21	Fall	Strip	121	625	4,418	14	839	1,149	137	
	80/05/02	Spring	Strip	69	198	1,664	12	582	599	103	
	80/05/09	Spring	Strip	127	178	1,537	12	1,107	1,399	126	
	80/05/16	Spring	Strip	96	169	1,375	12	784	578	74	
	80/05/21	Spring	Strip	101	178	1,568	11	894	753	84	
	82/06/07	Spring	Strip	492		840	16	2,956	903	31	Rotary wing
	94/06/13	Spring	Block	1,173		460	16	7,095	2,446	35	Long Ranger
	94/06/13	Spring	Strip	1,718	367	699	52	3,271	1,671	51	Long Ranger
	95/06/29	Spring	Strip	1,313	747	1,494	50	2,659	1,499	56	Heli
	95/06/30	Spring	Block	1,313	300	1,200	25	4,814	889	19	Heli
Burin Foot	81/03/10	Winter	Strip	79		1,229	41	197	221	112	
Burin Knee	81/03/10	Winter	Strip	152		693	43	353	243	69	
	95/11/18	Fall	Strip	213	251	501	50	426	283	66	
Burin Peninsula	75/	Fall	TAC					54			
	76/	Fall	TAC					60			
	77/	Fall	TAC					209			
	79/03	Winter	Strip					196			Jet Ranger
	82/	Winter	TAC					83			
	90/	Winter	TAC					135			

Table 14B-3 (con'd). Population census results for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage (TAC), strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC).

Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Cape Shore	78/	Summer	TAC					31			
	79/	Fall	TAC					41			
	80/		TAC					54			
	81/	Fall	TAC					78			
	82/	Winter	TAC					110			
	83/	Fall	TAC					128			
	84/10/10	Fall	TAC					184			
	91/03/25	Winter	Strip	447		476	50	836	439	53	Cessna
	93/06/18	Spring	Strip					755			
	94/05/04	Spring	Strip	380	282	590	48	797	456	57	Long Ranger
	94/11/21	Fall	TAC	1,190	576	576	100	1,190			
Corner Brook Lakes	96/03	Winter	strip	110				950			
	97/03	Winter	strip	95				576			
Fogo Island	71/10/15	Fall	TAC	92				92			
	72/06/15	Spring	TAC	51				51			
	73/03	Winter	TAC	100				100			Long Ranger
	74/03/09	Winter	TAC	90				90			Long Ranger
	77/05	Spring	TAC	160				160			Long Ranger
	82/		TAC	180				180			Long Ranger
	92/03/26	Winter	TAC	170				170			Long Ranger
	94/01/06	Winter	TAC	219				219			Long Ranger
	96/10	Fall	TAC	192				192			
Gaff Topsails	69/01/22	Winter	Strip					600			
	73/		Strip					753			
	74/02/04	Winter	Strip					1,088			Rotary wing
	74/02/21	Winter	Strip	149				1,192			Jet Ranger
	75/06/06	Spring	Strip					1,200			
	76/02/21	Winter	Strip	140	349	1,838	19	735	478	65	

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Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Gaff Topsails (con'd)	76/02/21	Winter	Strip	520				1,100			Jet Ranger
	76/02/24	Winter	Strip	467	418	710	59	795	270	34	
	77/							1,600			
	79/06/04	Spring	Strip	350				1,071			Jet Ranger
	79/06/04	Spring	Block	247				1,031			Jet Ranger
	80/02/04	Winter	Strip	460	472	2,654	18	2,574	2,734	106	Cessna
	80/02/07	Winter	Strip	260	362	1,164	31	838	745	89	
	82/01/13	Winter						1,400			
	82/06/07	Spring	Strip	224		900		1,177	291	25	Rotary wing
	82/06/08	Spring	Strip	510	905	3,275	28	1,834	655	36	
	89/03	Winter	Strip	958	664	3,334	20	4,800	4,434	92	Helicopter
	89/05/29	Spring	MRC	965		3,334		4,709	1,178	23	
Gregory Plateau	83/02/24	Winter	TAC					214			
	87/	Winter	Ground	300				300			
Grey Islands	74/		TAC	92				92			
	76/02/28	Winter	TAC	109				109			
	77/05/5	Spring	TAC	148				148			
	79/11/01	Fall	TAC	150				150			
	82/		TAC	260				260			
	85/02/19	Winter	TAC	163				163			Fixed wing
	89/		TAC	417				417			
	92/04/28	Winter	TAC	434				434			Long Ranger
	95/06	Spring	TAC	98				98			
	97/03	Winter	TAC	125				125			
Grey River	57/03/25	Winter	Strip			725		3,100			Beaver
	57/03/25	Winter	Strip			532		2,900			Beaver
	60/11	Fall	Strip					1,000			Beaver
	62/07/04	Summer	Strip					1,083			Beaver
	63/11	Fall	Strip					1,500			Beaver
	64/11	Fall	Strip					1,477			Beaver
	65/06/16	Spring	Strip					2,000			Beaver
	66/03	Winter	Strip	70							

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Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Grey River (con'd)	71/01/22	Winter	Strip	40	861	5,938	14	272	166	61	
	71/01/25	Winter	Strip	1,166	653	2,558	26	4,579	1,970	43	
	71/01/29	Winter	Strip	776		2,900	31	2,494	1,740	40	
	73/01/25	Winter	Strip					4,263			
	74/02/15	Winter	Strip	685	1,578	9,349	17	4,020	2,727	68	
	75/	Fall	Strip					4,500			
	79/	Spring						8,867			
	79/05	Spring	Block	649		768		2,198			
	80/02/13	Winter	Strip	592		6,186	8	6,840	1,423	30	
	80/02/17	Winter	Block	1,626				13,641	3,257	24	
	*80/06/06	Spring	Block	418				2,516	1,242	49	
	80/09/25	Fall	Strip	58		2,722		354	159	46	
	*80/10/14	Fall	Strip	60		3,947		1,175	537	46	
	*81/06	Spring	Strip	796		9,770		10,500	2,625	25	
	*81/06	Spring	Block	397			32	2,541	978	39	
	81/06/03	Spring	Strip	1,326		9,334		7,850	2,782	35	
	81/06/03	Spring	Strip	408		1,050		2,563	953	37	
	81/06/22	Spring	Block			1,702		4,035	1,154	29	
	*82/06/06	Spring	Strip	153		7,141	13	1,892	985	52	
	82/06/06	Spring	Strip	56			13	913	318	35	
	82/06/09	Spring	Block	223		1,200	12	1,918	850	44	
	82/12	Winter	Block	865		240	10	7,828			
	82/12	Winter	Strip	444		598	13	3,430			
	83/06/04	Spring	Block	305		1,050	17	5,392	2,873	53	
	*83/06/08	Spring	Strip	610		8,553	16	6,791	2,403	35	
	83/06/08	Spring	Strip	703		4,940	17	3,700	1,946	53	
	83/06/12	Spring	Block	915		1,501	17	5,373	2,880	54	
	*83/10/19	Fall	Strip	247		6,944		5,007	1,756	35	
	83/10/19	Fall	Strip	92		1,050	11	848	614	72	
	84/06	Spring	Block	652	336	2,200	15	3,135			
	*87/11	Fall	MRC	1,156				10,108	2,862	25	
	87/11	Fall	Block	1,716				13,908	4,191	30	
	97/02	Winter	MRC	4,899				16,475	1,700	10	Heli
Gros Morne	76/	Spring		115				167			
	77/	Spring		195				262			

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Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Gros Morne (con'd)	80/	Spring		292				388			
	82/06/11	Spring		181				223			
	83/	Spring		319				448			
	86/06/12	Spring		596				761			Hughes 500
	86/06/19	Spring		300				381			Hughes 500
	86/06/27	Spring		433				584			Hughes 500
	92/06/12	Spring		658				787			
	93/06/10	Spring		676				1,340			
	95/07/20	Summer	TGC					2,024	225	11	
	97/06/27	Spring	TGC					2,877	468	16	
Hampden Downs	78/06/16	Spring	TAC	47				47			
	79/03/28	Winter	Strip					246			
	89/12/15	Winter	Block	54		584	10	563	322	57	Helicopter
	93/02/18	Winter	Strip					731			
	94/01/24	Winter	Strip					710			
Horse Island	82/		TAC	3				3			
Humber	54/11	Fall	Strip					93			Beaver
	56/11	Fall	Strip					108			Beaver
	57/11	Fall	Strip					83			Beaver
	58/11	Fall	Strip					88			Beaver
	59/11	Fall	Strip					83			Beaver
	60/11	Fall	Strip					108			Beaver
	62/11	Fall	Strip					95			Beaver
	63/11	Fall	Strip					83			Beaver
	64/11	Fall	Strip					96			Beaver
	75/		Strip					300			
	82/	Winter						425			
	89/12	Winter	Strip	264	259	916	28	870			
	89/12/11	Winter	Block	310		985		1,817	401	22	Helicopter
	94/03/24	Winter	Strip	581	1,908	6,635	29	1,991	674	34	
	98/02/23	Winter	Block	655	3,250	3,250	12	4,218	2,328	55	Helicopter

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Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Jude Island	65/	Fall	TAC	9				9			
	75/11/06	Fall	TAC	13				13			Jet Ranger
	82/	Fall	TAC	10				10			
La Poile	60/11	Fall	Strip					417			Beaver
	62/11	Fall	Strip					542			Beaver
	63/11	Fall	Strip					577			Beaver
	64/11	Fall	Strip					667			Beaver
	65/11	Fall	Strip					667			Beaver
	71/02/17	Winter	strip	304		2,992	13	2,304	2,812	122	
	74/03/08	Winter	Strip	240				1,920			Jet Ranger
	79/02/17	Winter	Strip			11,938	8	6,325			Jet Ranger
	79/06/19	Spring	Block	1,303				6,515	2,188	34	Jet Ranger
	79/06/20	Spring	Strip	922				7,432			Jet Ranger
	80/03/29	Winter	Block	599				4,540	1,054	23	Jet Ranger
	80/06/10	Spring	Strip	439	420	3,465	12.1	3,638	1,663	46	
	80/06/13	Spring	Block	674		1,400		4,435	1,039	23	Jet Ranger
	80/10/01	Fall	Strip	791	1,558	6,515	24	3,323	1,694	51	
	80/10/22	Fall	Strip	448	1,581	537	29.5	1,503	1,181	79	
	80/10/23	Fall	Block	808		3,100		4,136	595	14	Jet Ranger
	80/10/28	Fall	Strip	478	1,657	5,369	31	1,557	1,074	69	
	80/12	Winter	Strip	744		2,341	24.3	3,067	4,027	131	
	81/	Winter						10,269			
	82/02/18	Winter	Block	1,183		1,176	13	9,366			
	82/02/18	Winter	Strip	493		992	10	4,456			
	86/01	Winter	Strip	1,173	201	1,406	14	8,281			
	86/02/02	Winter	Strip	2,620		1,655	29.6	8,856	2,831	32	
	86/02/13	Winter	Strip	4,771		2,174	33	14,456	3,130	22	
	86/05	Spring	MRC					8,576			Long Ranger
	87/07/17	Summer	Strip	2,867		5,734		12,557	2,632	21	
	88/02	Winter	MRC	4,197				11,210	939	8	Long Ranger
	88/03	Winter	MRC	3,976	1,059	2,549	42	9,559	3,569	37	
	92/03/19	Winter	MRC	1,389				8,853			Long Ranger

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Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
La Poile (con'd)	97/	Winter	MRC	1,182		1,733		6,742	1,642	24	Heli
	97/	Winter	MRC	1,760		2,607		10,565	1,908	18	Heli
	97/04/08	Winter	Block	802	233	1,733	13	4,121	950	23	Heli
	97/04/08	Winter	Block	1,135	297	2,607	11	7,241	1,479	20	Heli
Merasheen Island	62/	Fall	TAC								
	63/01/11	Winter	TAC	12				12			Jet Ranger
	64/04/12	Winter	TAC	22				22			Jet Ranger
	71/11/30	Fall	TAC	139				139			Jet Ranger
	75/	Fall	TAC	185				185			
	76/11/12	Fall	TAC	112				112			Jet Ranger
	82/04	Winter	TAC	136				136			Jet Ranger
	90/10/11	Fall	TAC	118				118			Long Ranger
	93/02/13	Winter	partial count	197				300			Long Ranger
Middle Ridge	60/06	Spring	Strip					167			Beaver
	62/06/25	Spring	TAC	505				505			Beaver
	63/01	Winter	TAC	250				250			
	63/10/09	Fall	Strip	101				221			Beaver
	64/02	Winter	Strip	53	1,646	12,576	13	415	264	64	
	64/05/16	Spring	Strip	59	1,901	14,076	14	450	197	44	
	64/11	Fall	Strip					298			Beaver
	65/06	Spring	Strip					467			Beaver
	71/1/15	Winter	Strip	293				3,000			
	73/	Winter	Strip					3,183			
	74/02	Winter	Strip	178	342	1,279	27	649	487	75	
	79/06/17	Spring	Strip	570				3,000			
	80/06/13	Spring	Strip			7,700		1,925			Jet Ranger
	80/10/25	Fall	Strip	55	1,492	10,237	14	379	184	49	
	81/01/30	Winter	Strip	1,133				3,098			
	81/05/28	Spring	Strip	452	1,931	10,310	18.7	2,371	511	22	
	81/05/28	Spring	Block	950		12,457		4,057			
	82/02/05	Winter	TAC	3,960				3,960			
	82/10/18	Fall	Strip	175		1,066	10	1,750			
	82/12	Winter	Strip	367		1,198	10	3,060			
	82/12	Winter	Block	855		144	12	7,128			

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Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Middle Ridge (con'd)	85/	Winter	MRC					10,488			
	95/01/27	Winter	MRC	1,387	1,603	7,901	20.3	6,874	2,767	40	
	95/03	Winter	Strip	5,271	2,774	5,691	49	10,813	1,830	17	
	95/03/03	Winter	MRC	5,271	5,596	5,691	10.4	19,765	2,055	10	206L
	95/04/06	Winter	MRC	2,368	2,786	5,144	54.2	4,372	669	15	Cessna
Mount Peyton	52/07/04	Winter	TAC	127				127			
	62/11	Fall	Strip	7				148			Beaver
	63/11	Fall	Strip	17				138			Beaver
	64/02/07	Winter	Strip			195		241			Beaver
	65/06/25	Fall	Strip	252		72		252			Beaver
	66/06/05	Fall	Strip	97							
	67/06/10	Fall	Strip	148							
	69/01/22	Winter	Strip	84		161		732			
	69/06/06	Fall	Strip	192							
	70/06/14	Fall	Strip	214							
	74/02/25	Winter	Strip	37		176		148			
	76/	Fall	Strip					79			
	78/	Winter						50			
	80/10/23	Fall	Strip	103				449			
	81/11/03	Fall						704			
	82/06/18	Spring	Strip	437		515	50	875	623	71	
	82/10/18	Fall	Strip	22		124	10	220			Jet Ranger
	87/							1,127			
	94/06/18	Spring	Strip	538	355	689	51.5	1,047	572	55	206L
	94/06/21	Spring	Block	691	148	268	55	1,251	364	29	206L
Northern Peninsula	58/11	Fall	Strip					375			Beaver
	66/11	Fall	Strip					333			Beaver
	70/04/02	Winter	Strip	166			50	350			
	74/02/18	Winter	Strip	74				592			Jet Ranger
	74/03/07	Winter	Strip	102				816			
	76/02/18	Winter	Strip	81				1,260			
	76/03	Winter	Strip								
	79/06/21	Spring	Strip	114				1,140			Jet Ranger
	79/10/27	Fall	Strip	124				1,190			Beaver
	81/06	Spring	Block	233	556	3,000		1,185	160	14	
	82/02/17	Winter	Strip	47	753	7,640	10	474	290	61	

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Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Northern Peninsula (con'd)	82/02/17	Winter	Strip					1,260			Beaver
	82/06/05	Spring	Block	232			19	1,225	496	41	
	94/03/24	Winter	Strip	581	1,909	6,635	29	1,191	650	55	
	96/03/13	Winter	Strip	1,718	4,215	17,686	24	6,872	2,339	34	Fixed-wing
Port Au Port	69/01/07	Winter	TAC	55				55			
	71/03/27	Winter	TAC	75				75			
	72/10/18	Fall	TAC	60				60			
	73/06/05	Spring	TAC	32				32			
	73/10/30	Fall	TAC	50				50			
	74/12/23	Winter	TAC	37				37			
	75/06/09	Spring	TAC	18				18			
	75/12/03	Winter	TAC	50				50			
	76/03/31	Winter	TAC	30				30			
	77/12/19	Winter	TAC	37				37			
	80/01/15	Winter	TAC	40				40			
	82/		TAC	40				40			
Pot Hill	60/11	Fall	Strip					208			Beaver
	62/06	Spring	Strip	563				453			Beaver
	63/11	Fall	Strip					350			Beaver
	64/11	Fall	Strip					229			Beaver
	65/11	Fall	Strip					278			Beaver
	79/06/07	Spring	Strip	245	218			353			
	80/	Spring						344			
	*81/06/03	Spring	Strip	291		453		1,186	1,295	109	
	82/06/06	Spring	Strip	48		453	12	395	1,114	282	
	82/06/18	Spring	Block	44		500	12	367	350	95	
	83/06/08	Spring	Strip	237		453		1,558	1,473	70	
	83/10/21	Fall	Strip	90		352	12	784	1,089	139	
	87/10	Fall	MRC	773		375		3,344	1,085	29	
	87/10	Fall	Block	773		375		5,281			
	87/11	Fall	Block	845				5,281	1,870	35	
	97/02	Winter	MRC	1,495		1,171	30.1	5,250	1,130	22	Heli
Random Island	68/	Fall	TAC	27				27			
	71/11/30	Fall	TAC	20				20			
	75/	Winter	TAC	26				26			

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Caribou Herd	Survey Date (y/m/d)	Season	Survey Type	Number of caribou counted	Area			Unadjusted population estimate	90 % Confidence Interval		Aircraft used to conduct survey
					Sampled (km^2)	Total (km^2)	Percent		Range	Percent	
Random Island (con'd)	76/01/19	Winter	TAC	39				39			Jet Ranger
	80/		TAC	65				65			
	82/		TAC	70				70			
	95/11/20	Fall	TAC	19	141	141	100	19			Cessna 185
Sandy Lake	60/11	Fall	Strip					63			Beaver
	62/11	Fall	Strip					61			Beaver
	63/11	Fall	Strip					103			Beaver
	64/11	Fall	Strip					177			Beaver
	65/06/22	Spring	TAC	333				333			Supercub
	65/11	Fall	Strip					134			Beaver
	79/06/07	Spring	Strip	90	225			194			
	*80/06	Spring	Block	41				41			
	*80/10	Fall	Strip	92				92			
	*81/06/03	Spring	Strip	210		589		940	432	83	
	*81/06	Spring	Block	88				88			
	*82/06/06	Spring	Strip	120		352	13	75	37	19	
	*83/06/08	Spring	Strip	476		352	16	271	300	111	
	*83/10/19	Fall	Strip	302		352		784	1,089	139	
	84/06/06	Spring	Strip	115		873		959	657	69	
	87/11	Fall	Block	801		352		3,475	874	25	
	*87/11	Fall	MRC	798		352		4,631	1,544	28	
	97/02	Winter	MRC	316		340		891	254	29	Heli
Sound Island	61/63/64		TAC	16				16			
	68/	Fall	TAC	26				26			
	71/11/30	Fall	TAC	16				16			
	73/	Fall	TAC	7				7			
	75/12/10	Winter	TAC	2				2			Jet Ranger
	82/		TAC	36				36			
	91/06/27	Spring	TAC	30				30			
St Anthony	77/	Fall	TAC					24			
	78/	Fall	TAC					33			
	79/	Fall	TAC					55			
	80/	Fall	TAC					77			
	81/06/18	Spring	Strip	37				103			Beaver
	82/		TAC					140			
	83/		TAC					188			
	85/02/21	Winter	TAC					32			
	98/01/28	Winter	Block	1,405	502	4,132	12	7,641	3,066	40	

Table 14B-4. Population survey comparisons used to standardize census estimates for Insular Newfoundland caribou herds. Corrections factors were based on synchronous repeat surveys of the same area. In many cases, the population estimates below refer only to a portion of the entire census area and so are not true population counts.

Caribou Herd	Date	Area (km^2)	Mark-Recapture Surveys			Random Block Surveys			Strip Surveys			Ratios		
			Percent Coverage	Population estimate	Density	Percent Coverage	Population Estimate	Density	Percent Coverage	Population Estimate	Density	MRC: Block	MRC: Strip	Block: Strip
SPRING (MAY 1 - JUNE 30)														
Avalon	May 1981	712				31.0%	1,398	1.96	14.0%	538	0.75			2.6
Buchans	June 1978	368				-	1,475	4.01	-	1,084	2.95			1.36
Buchans	June 1994	460				16.0%	7,095	16.2	51.5%	3,289	7.15			2.15
Buchans	June 1995	1,200				25.0%	4,814	4.01	49.8%	3,540	2.95			1.36
Gaff Topsails	June 1979	-				-	1,031	-	-	1,071	-			0.96
Grey River	June 1981	1,050				38.5%	2,541	2.42	32.2%	2,563	2.44			0.99
Grey River	June 1982	1,200				12.0%	1,918	1.5	16.7%	576	0.48			3.33
Grey River	June 1983	1,050				17.0%	5,392	5.14	20.7%	2,877	2.74			1.87
La Poile	June 1979	-				-	6,515	-	-	7,432	-			0.88
Middle Ridge	May 1981	400				24.0%	312	0.78	18.0%	480	1.2			0.65
Mount Peyton	May 1981	200				24.0%	420	2.1	20.0%	465	2.33			0.9
Tolt	May 1981	500				24.0%	1,441	2.88	16.0%	562	1.12			2.56
											N			12
											Mean			1.63
FALL (OCTOBER 1 - NOVEMBER 30)														
Avalon	Oct. 1990	1,915				12.0%	5,783	3.01	51.0%	5,016	2.62			1.15
Grey River	Nov. 1987	3,000	12.8%	10,108	3.37	12.8%	13,908	4.64				0.73		
La Poile	Oct. 1980	3,100				18.3%	4,136	1.33	21.9%	2,480	0.8			1.67
Pot Hill	Nov. 1987	375	16.0%	3,344	8.92	16.0%	5,281	14.1				0.63		
Sandy Lake	Nov. 1987	375	21.9%	4,631	12.35	21.9%	3,475	9.27				1.33		
											N	3		2
											Mean	0.9		1.41

Table 14B-4 (con'd). Population survey comparisons used to standardize census estimates for Insular Newfoundland caribou herds. Corrections factors were based on synchronous repeat surveys of the same area. In many cases, the population estimates below refer only to a portion of the entire census area and so are not true population counts.

Caribou Herd	Date	Area (km^2)	Mark-Recapture Surveys			Random Block Surveys			Strip Surveys			Ratios		
			Percent Coverage	Population estimate	Density	Percent Coverage	Population Estimate	Density	Percent Coverage	Population Estimate	Density	MRC: Block	MRC: Strip	Block: Strip
WINTER (DECEMBER 1 - APRIL 30)														
Avalon	Feb. 1996	1,676				16.0%	6,458	3.85	20.7	6,268	3.74			1.03
Avalon	April 1998	516				33.0%	1,012	1.96	47.0%	1,446	2.8			0.7
Grey River	March 1976	1,300				12.9%	3,772	3.03	11.8%	1,394	1.07			2.71
Grey River	Jan. 1982	2,300				10.4%	7,828	3.4	13.0%	3,710	1.61			2.11
Humber	Dec. 1989	736				16.8%	1,358	1.85	32.6%	795	1.08			1.71
La Poile	Feb. 1982	1,200				12.6%	9,366	7.81	11.3%	3,720	3.1			2.52
La Poile	Feb. 1986	2,174	33.0%	8,576	3.94				33.0%	14,456	6.65		0.59	
La Poile	March 1992	2,934	26.8%	8,853	3.01				26.8%	4,724	1.61		1.87	
La Poile	April 1997	2,607	50.2%	10,565	4.05	11.0%	7,241	2.78	50.2%	3,504	1.34	1.46	3.02	2.07
La Poile	April 1997	1,733	50.8%	6,742	3.89	13.0%	4,121	2.38	50.8%	2,330	1.34	1.64	2.89	1.77
Middle Ridge	Jan. 1982	1,200				12.0%	7,123	5.94	10.0%	3,200	2.67			2.23
Middle Ridge	March 1995	5,691	10.4%	19,765	3.53				48.7%	10,813	1.9		1.83	
Middle Ridge	April 1995	4,945	50.0%	22,441	4.54				50.0%	4,797	0.97		4.68	
Partridge-berry Hills	Jan. 1982	900				12.0%	1,228	1.36	9.8%	836	0.93			1.47
Pot Hill	March 1997	1,171	30.1%	5,250	4.48				30.1%	3,923	3.35		1.34	
Sandy Lake	March 1997	340	51.3%	891	2.62				51.3%	615	1.81		1.45	
											N	2	8	10
											Mean	1.55	2.21	1.83

Table 14B-5. Adjusted population census estimates for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage, strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC). Spring surveys conducted prior to June 19th were adjusted for the absence of stags on the calving ground using the mean percent stags from the fall composition data for that herd. To reference all other survey types to a MRC standard, the following adjustments were applied: Total area (x 1.1), Strip (x 1.2), and Block (x 1.1). TGCs were not adjusted.

Caribou Herd	Survey Date (yy/mm/dd)	Season	Survey Type	Animals Observed	Unadjusted Population Estimate	Spring Stag Adjustment	Adjusted Population Estimate
Avalon	56/10	Fall	Strip		59		71
	57/10	Fall	Strip		72		86
	58/10	Fall	Strip		72		86
	59/10	Fall	Strip		93		112
	60/10	Fall	Strip		172		206
	61/10	Fall	Strip		292		350
	62/01/12	Winter	Total area	346	346		381
	63/01/16	Winter	Total area	337	337		371
	64/10	Fall	Total area	398	398		438
	65/10/15	Fall	Total area	518	518		570
	66/10	Fall	Strip		542		650
	67/10	Fall	Strip		600		720
	70/	Fall	Strip		1,025		1,230
	71/01	Winter	Strip		1,300		1,560
	73/	Fall	Strip		1,641		1,969
	75/12/1	Winter	Total area	1,397	1,397		1,537
	76/06/1	Spring	Strip	627	1,354	1,652	1,982
	77/	Fall	Strip		2,211		2,653
	81/05/28	Spring	Strip	93	1,654	2,018	2,422
	82/01/22	Winter	Block	190	1,550		1,705
	90/10/24	Fall	Block	1,558	5,783		6,361
	96/03/01	Winter	Block	1,199	6,458		7,104
	98/04/16-17	Winter	Block	641	1,677		1,845
Baie Verte	74/11/18	Fall	Total area	26	26		29
	78/		Total area	100	100		110
	80/04/25	Winter	Total area	77	77		85
	82/	Winter	Total area	200	200		220
	96/02/5-7	Winter	Strip	126	504		605
Bay de Verde	87-90		Introduced	40	40		40
	94/01	Winter	Strip	36	72		86
	95/11/24	Fall	Total area	93	93		102
Blow Me Down Mountains	81/05/28	Spring	Total area	81	81	81[a]	89
	85/11/17	Fall	Total area	87	87		96
Brunette Island	62		Introduced	17	17		17
	63/11	Fall	Total area	27	27		30
	64/11	Fall	Total area	35	35		39

[a] no spring stag adjustment was applied as composition data was unavailable

Table 14B-5 (con'd). Adjusted population census estimates for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage, strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC). Spring surveys conducted prior to June 21st were adjusted for the absence of stags on the calving ground using the mean percent stags from the composition data for that herd. To reference all surveys to a MRC standard, the following adjustments were applied: Total area (x 1.1), Strip (x 1.2), and Block (x 1.1). TGCs were not adjusted.

Caribou Herd	Survey Date (yy/mm/dd)	Season	Survey Type	Animals Observed	Unadjusted Population Estimate	Spring Stag Adjustment	Adjusted Population Estimate
Brunette Island (con'd)	65/11	Fall	Total area	54	54		59
	66/11	Fall	Total area	78	78		86
	67/11	Fall	Total area	100	100		110
	72/03/11	Winter	Total area	16	16		18
	73/05	Spring	Total area	20	26		29
	74/03/10	Winter	Total area	17	17		19
	75/11/17	Fall	Total area	28	28		31
	76/09/26	Fall	Total area	35	35		39
	77/04/18	Winter	Total area	35	35		39
	81/	Fall	Total area	69	69		76
	82/	Spring	Total area	70	70	91	100
	96/10/19	Fall	Total area	68	68		75
Buchans	60/11	Fall	Strip		375		450
	62/11	Fall	Strip		833		1,000
	63/11	Fall	Strip		536		643
	64/11	Fall	Strip		1,118		1,342
	65/11	Fall	Strip		743		892
	71/01	Winter	Strip		2,000		2,400
	73/	Spring	Strip		2,805		3,366
	74/	Fall	Strip		2,300		2,760
	75/	Fall	Strip		2,310		2,772
	77/06	Spring	Strip	599	1,631	2,055	2,466
	78/06/07	Spring	Block	354	1,475	1,859	2,045
	80/05/09	Spring	Strip	127	1,107	1,395	1,674
	82/06/07	Spring	Strip	613	2,956	3,725	4,470
	94/06/13	Spring	Block	1,173	7,095	8,940	9,834
	95/06/30	Spring	Block	1,313	4,814	6,063	6,669
Burin Foot	81/03/10	Winter	Strip	79	197		236
Burin Knee	81/03/10	Winter	Strip	152	353		424
Burin Peninsula	64-67		Introduced	68	68		68
	75/	Fall	Total area	54	54		59
	76/	Fall	Total area	60	60		66
	77/	Fall	Total area	209	209		230
	79/03	Winter	Strip		196		235
	81/03/10	Winter	Strip		550		660
	82/	Winter	Total area	83	83		91

Table 14B-5 (con'd). Adjusted population census estimates for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage, strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC). Spring surveys conducted prior to June 21st were adjusted for the absence of stags on the calving ground using the mean percent stags from the composition data for that herd. To reference all surveys to a MRC standard, the following adjustments were applied: Total area (x 1.1), Strip (x 1.2), and Block (x 1.1). TGCs were not adjusted.

Caribou Herd	Survey Date (yy/mm/dd)	Season	Survey Type	Animals Observed	Unadjusted Population Estimate	Spring Stag Adjustment	Adjusted Population Estimate
Burin Peninsula (con'd)	90/	Winter	Total area	135	135		149
	95/11/18	Fall	Strip	213	426		511
Cape Shore	76-77		Introduced	28	28		28
	78/	Summer	Total area	31	31		34
	79/	Fall	Total area	41	41		45
	80/		Total area	54	54		59
	81/	Fall	Total area	78	78		86
	82/	Winter	Total area	110	110		121
	83/	Fall	Total area	128	128		141
	84/10/10	Fall	Total area	184	184		202
	91/03/25	Winter	Strip	447	836		1,003
	93/06/18	Spring	Strip		755	914	1,097
	94/05/04	Spring	Strip	380	797	964	1,157
Corner Brook Lakes	96/03	Winter	Strip	110	950		1,140
	97/03	Winter	Strip	95	576		691
Fogo Island	64-67		Introduced	26	26		26
	71/10/15	Fall	Total area	92	92		101
	72/06/15	Spring	Total area	51	51	68	75
	73/03	Winter	Total area	100	100		110
	74/03/09	Winter	Total area	90	90		99
	77/05	Spring	Total area	160	160	212	233
	82/		Total area	180	180		198
	92/03/26	Winter	Total area	170	170		187
	94/01/06	Winter	Total area	219	219		241
	96/10	Fall	Total area	192	192		211
Gaff Topsails	69/01/22	Winter	Strip		600		720
	73/		Strip		753		904
	74/02/21	Winter	Strip	149	1,192		1,430
	75/06/06	Spring	Strip		1,200	1,524	**1,828**
	76/02/21	Winter	Strip	520	1,100		1,320
	80/02/04	Winter	Strip	460	2,574		3,089
	82/06/08	Spring	Strip	510	1,834	2,329	2,795
	89/05/29	Spring	MRC	965	4,709	5,980	5,980
Gregory Plateau	65-67		Introduced	25	25		25
	83/02/24	Winter	Total area	214	214		235
	87/	Winter	Ground	300	300		360

Table 14B-5 (con'd). Adjusted population census estimates for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage, strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC). Spring surveys conducted prior to June 21st were adjusted for the absence of stags on the calving ground using the mean percent stags from the composition data for that herd. To reference all surveys to a MRC standard, the following adjustments were applied: Total area (x 1.1), Strip (x 1.2), and Block (x 1.1). TGCs were not adjusted.

Caribou Herd	Survey Date (yy/mm/dd)	Season	Survey Type	Animals Observed	Unadjusted Population Estimate	Spring Stag Adjustment	Adjusted Population Estimate
Grey Islands	64		Introduced	8	8		8
	74/		Total area	92	92		101
	76/02/28	Winter	Total area	109	109		120
	77/05/5	Spring	Total area	148	148	201	**241**
	79/11/01	Fall	Total area	150	150		165
	82/		Total area	260	260		286
	85/02/19	Winter	Total area	163	163		179
	89/		Total area	417	417		459
	92/04/28	Winter	Total area	525	525		578
Grey River	60/11	Fall	Strip		1,000		1,200
	62/07/04	Summer	Strip		1,083		1,300
	63/11	Fall	Strip		1,500		1,800
	64/11	Fall	Strip		1,477		1,772
	65/06/16	Spring	Strip		2,000	2,520	3,024
	71/01/25	Winter	Strip	1,166	4,579		5,495
	73/01/25	Winter	Strip		4,263		5,116
	74/02/15	Winter	Strip	685	4,020		4,824
	75/	Fall	Strip		4,500		5,400
	80/02/13	Winter	Strip	592	6,840		8,208
	81/06/03	Spring	Strip	1,326	7,850	9,891	11,869
	82/12	Winter	Block	865	7,828		8,611
	83/06/08	Spring	Strip	1,112	6,791	8,557	10,268
	87/11	Fall	MRC	1,704	10,108		10,108
	97/02	Winter	MRC	4,899	16,475		16,475
Gros Morne	76/	Spring		115	167	214	214
	77/	Spring		195	262	336	336
	80/	Spring		292	388	496	496
	82/06/11	Spring		181	223	285	285
	83/	Spring		319	448	574	574
	86/06/12	Spring		596	761	974	974
	92/06/12	Spring		658	787	1,008	1,008
	93/06/10	Spring		676	1,340	1,715	1,715
	95/07/20	Summer	TGC		2,024	2,024[b]	2,024
	97/06/27	Spring	TGC		2,877	2,877[b]	2,877

[b] no spring stag adjustment was applied as males are accounted for in this survey method

Table 14B-5 (con'd). Adjusted population census estimates for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage, strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC). Spring surveys conducted prior to June 21st were adjusted for the absence of stags on the calving ground using the mean percent stags from the composition data for that herd. To reference all surveys to a MRC standard, the following adjustments were applied: Total area (x 1.1), Strip (x 1.2), and Block (x 1.1). TGCs were not adjusted.

Caribou Herd	Survey Date (yy/mm/dd)	Season	Survey Type	Animals Observed	Unadjusted Population Estimate	Spring Stag Adjustment	Adjusted Population Estimate
Hampden Downs	78/06/16	Spring	Total area	47	47	63	69
	79/03/28	Winter	Strip		246		295
	89/12/15	Winter	Block	54	563		619
	93/02/18	Winter	Strip		731		877
	94/01/24	Winter	Strip		710		852
Humber	54/11	Fall	Strip		93		112
	56/11	Fall	Strip		108		130
	57/11	Fall	Strip		83		100
	58/11	Fall	Strip		88		106
	59/11	Fall	Strip		83		100
	60/11	Fall	Strip		108		130
	62/11	Fall	Strip		95		114
	63/11	Fall	Strip		83		100
	64/11	Fall	Strip		96		115
	75/		Strip		300		360
	89/12/11	Winter	Block	310	1,817		1,999
	94/03/24	Winter	Strip	581	1,991		2,389
	98/02/23	Winter	Block	655	4,218		4,640
La Poile	60/11	Fall	Strip		417		500
	62/11	Fall	Strip		542		650
	63/11	Fall	Strip		577		692
	64/11	Fall	Strip		667		800
	65/11	Fall	Strip		667		800
	71/02/17	Winter	Strip	304	2,304		2,765
	74/03/08	Winter	Strip	240	1,920		2,304
	79/02/17	Winter	Strip		6,325		7,590
	80/03/29	Winter	Block	599	4,540		4,994
	82/02/18	Winter	Block	1,183	9,366		10,303
	86/01	Winter	Strip	1,173	8,281		9,937
	86/05	Spring	MRC		8,576	10,548	10,548
	88/02	Winter	MRC	4,197	11,210		11,210
	92/03/19	Winter	MRC	1,389	8,853		8,853
	97/	Winter	MRC	1,760	10,565		10,565
Merasheen Island	61-65		Introduced	36	36		36
	63/01/11	Winter	Total area	12	12		13
	64/04/12	Winter	Total area	22	22		24
	71/11/30	Fall	Total area	139	139		153

Table 14B-5 (con'd). Adjusted population census estimates for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage, strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC). Spring surveys conducted prior to June 21st were adjusted for the absence of stags on the calving ground using the mean percent stags from the composition data for that herd. To reference all surveys to a MRC standard, the following adjustments were applied: Total area (x 1.1), Strip (x 1.2), and Block (x 1.1). TGCs were not adjusted.

Caribou Herd	Survey Date (yy/mm/dd)	Season	Survey Type	Animals Observed	Unadjusted Population Estimate	Spring Stag Adjustment	Adjusted Population Estimate
Merasheen Island (con'd)	75/	Fall	Total area	185	185		204
	76/11/12	Fall	Total area	112	112		123
	82/04	Winter	Total area	136	136		150
	90/10/11	Fall	Total area	118	118		130
	93/02/13	Winter	Total area	300	300		330
Middle Ridge	60/06	Spring	Strip		214	214	257
	62/06/25	Spring	Total area	505	505	647	712
	63/01	Winter	Total area	250	250		275
	64/02	Winter	Strip	53	415		498
	65/06	Spring	Strip		467	598	718
	71/1/15	Winter	Strip	293	3,000		3,600
	73/	Winter	Strip		3,183		3,820
	79/06/17	Spring	Strip	570	3,000	3,840	4,608
	81/01/30	Winter	Strip	1,133	3,098		3,718
	82/12	Winter	Block	855	7,128		7,841
	95/03/03	Winter	MRC	5,271	19,765		19,765
Mount Peyton	52/07/04	Winter	Total area	127	127		140
	62/11	Fall	Strip	7	148		178
	63/11	Fall	Strip	17	138		166
	64/02/07	Winter	Strip		241		289
	65/06/25	Spring	Strip	252	252		302
	74/02/25	Winter	Strip	37	148		178
	76/	Fall	Strip		79		95
	80/10/23	Fall	Strip	276	449		539
	82/06/18	Spring	Strip	437	875	1,120	1,344
	94/06/21	Spring	Block	691	1,251	1,602	1,762
Northern Peninsula	58/11	Fall	Strip		375		450
	66/11	Fall	Strip		333		400
	70/04/02	Winter	Strip	166	350		420
	74/03/07	Winter	Strip	102	816		979
	76/02/18	Winter	Strip	81	1,260		1,512
	79/10/27	Fall	Strip	124	1,190		1,428
	81/06	Spring	Block	233	1,185	1,635	1,799
	82/02/17	Winter	Strip		1,260		1,512
	96/03/13	Winter	Strip	1,718	6,872		8,246

Table 14B-5 (con'd). Adjusted population census estimates for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage, strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC). Spring surveys conducted prior to June 21st were adjusted for the absence of stags on the calving ground using the mean percent stags from the composition data for that herd. To reference all surveys to a MRC standard, the following adjustments were applied: Total area (x 1.1), Strip (x 1.2), and Block (x 1.1). TGCs were not adjusted.

Caribou Herd	Survey Date (yy/mm/dd)	Season	Survey Type	Animals Observed	Unadjusted Population Estimate	Spring Stag Adjustment	Adjusted Population Estimate
Port Au Port	64-65		Introduced	20	20		20
	69/01/07	Winter	Total area	55	55		61
	71/03/27	Winter	Total area	75	75		83
	72/10/18	Fall	Total area	60	60		66
	73/10/30	Fall	Total area	50	50		55
	74/12/23	Winter	Total area	37	37		41
	75/12/03	Winter	Total area	50	50		55
	76/03/31	Winter	Total area	30	30		33
	77/12/19	Winter	Total area	37	37		41
	80/01/15	Winter	Total area	40	40		44
	82/		Total area	40	40		44
Pot Hill	60/11	Fall	Strip		208		250
	62/06/27	Spring	Strip	563	563		676
	63/11	Fall	Strip		350		420
	64/11	Fall	Strip		229		275
	65/11	Fall	Strip		278		334
	79/06/07	Spring	Strip	245	353	441	529
	81/06/03	Spring	Strip	189	1,186	1,483	1,780
	83/06/08	Spring	Strip	237	1,558	1,948	2,338
	87/10	Fall	MRC	773	3,344		3,344
	97/02	Winter	MRC	1,495	5,250		5,250
Random Island	64-67		Introduced	21	21		21
	68/	Fall	Total area	27	27		30
	71/11/30	Fall	Total area	20	20		22
	75/	Winter	Total area	26	26		29
	76/01/19	Winter	Total area	39	39		43
	80/		Total area	65	65		72
	82/		Total area	70	70		77
	95/11/20	Fall	Total area	19	19		21
Sandy Lake	60/11	Fall	Strip		63		76
	62/11	Fall	Strip		61		73
	63/11	Fall	Strip		103		124
	64/11	Fall	Strip		177		212
	65/06/22	Spring	Total area	333	333	423	465
	79/06/07	Spring	Strip	90	194	246	295
	81/06/03	Spring	Strip	87	940	1,194	1,433
	83/10/19	Fall	Strip	90	784		941

Table 14B-5 (con'd). Adjusted population census estimates for Insular Newfoundland caribou herds, 1952-1998. Survey types include total area coverage, strip or line transect, random block, mark-recapture (MRC), and telemetry group census (TGC). Spring surveys conducted prior to June 21st were adjusted for the absence of stags on the calving ground using the mean percent stags from the composition data for that herd. To reference all surveys to a MRC standard, the following adjustments were applied: Total area (x 1.1), Strip (x 1.2), and Block (x 1.1). TGCs were not adjusted.

Caribou Herd	Survey Date (yy/mm/dd)	Season	Survey Type	Animals Observed	Unadjusted Population Estimate	Spring Stag Adjustment	Adjusted Population Estimate
Sandy Lake (con'd)	84/06/06	Spring	Strip	115	959	1,218	1,462
	87/11	Fall	MRC	798	4,631		4,631
	97/02	Winter	MRC	316	891		1,070
Sound Island	61-64		Introduced	16	16		16
	68/	Fall	Total area	26	26		29
	71/11/30	Fall	Total area	16	16		18
	73/	Fall	Total area	7	7		8
	75/12/10	Winter	Total area	2	2		2
	82/		Total area	36	36		40
	91/06/27	Spring	Total area	30	30		33
St Anthony	76-82		Introduced	21	21		21
	77/	Fall	Total area	24	24		26
	78/	Fall	Total area	33	33		36
	79/	Fall	Total area	55	55		61
	80/	Fall	Total area	77	77		85
	81/06/18	Spring	Strip	37	103	131	157
	82/		Total area	140	140		154
	83/		Total area	188	188		207
	98/01/28	Winter	Block	1,405	7,641		8,405

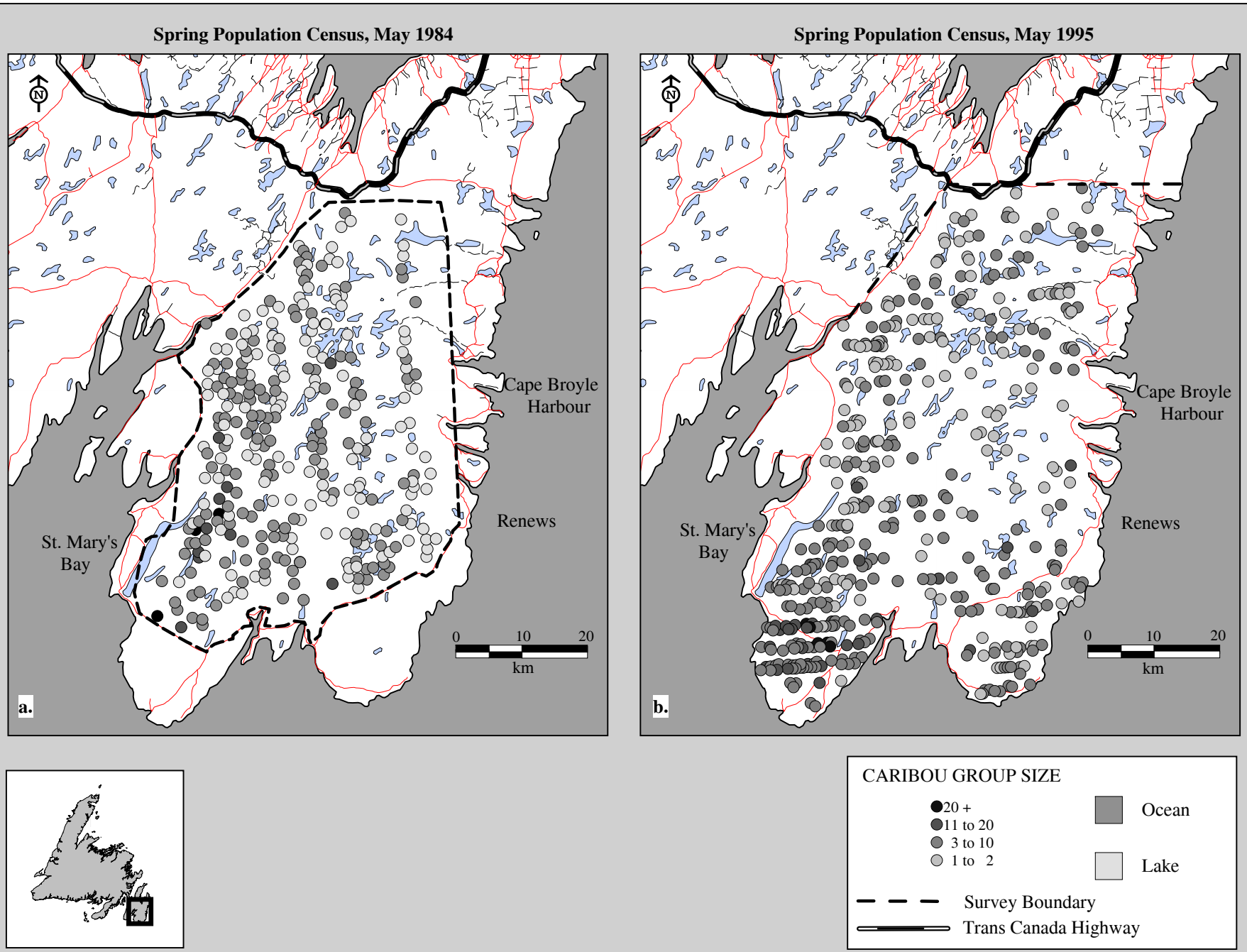


Fig. 14B-1. Avalon Caribou Herd strip census results a. May 9, 1984 (1132 caribou observed; population estimate 5,099) and b. May 24, 1995 (1,544 caribou observed; population estimate 4,660).

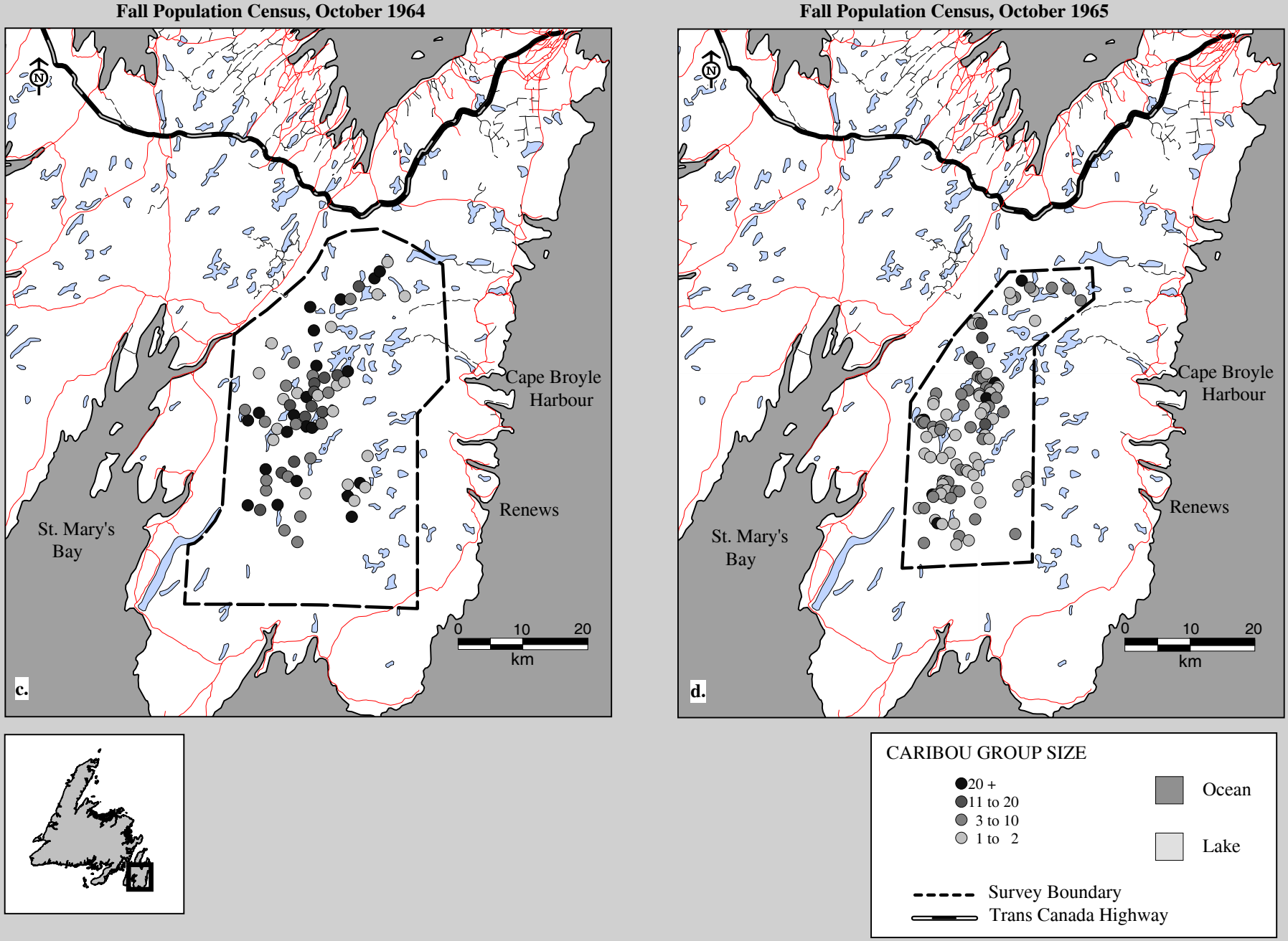


Fig. 14B-1 (con'd). Avalon Caribou Herd total count results c. October 1964 (398 caribou observed; population estimate 398) and d. October 1965 (518 caribou observed; population estimate 518).

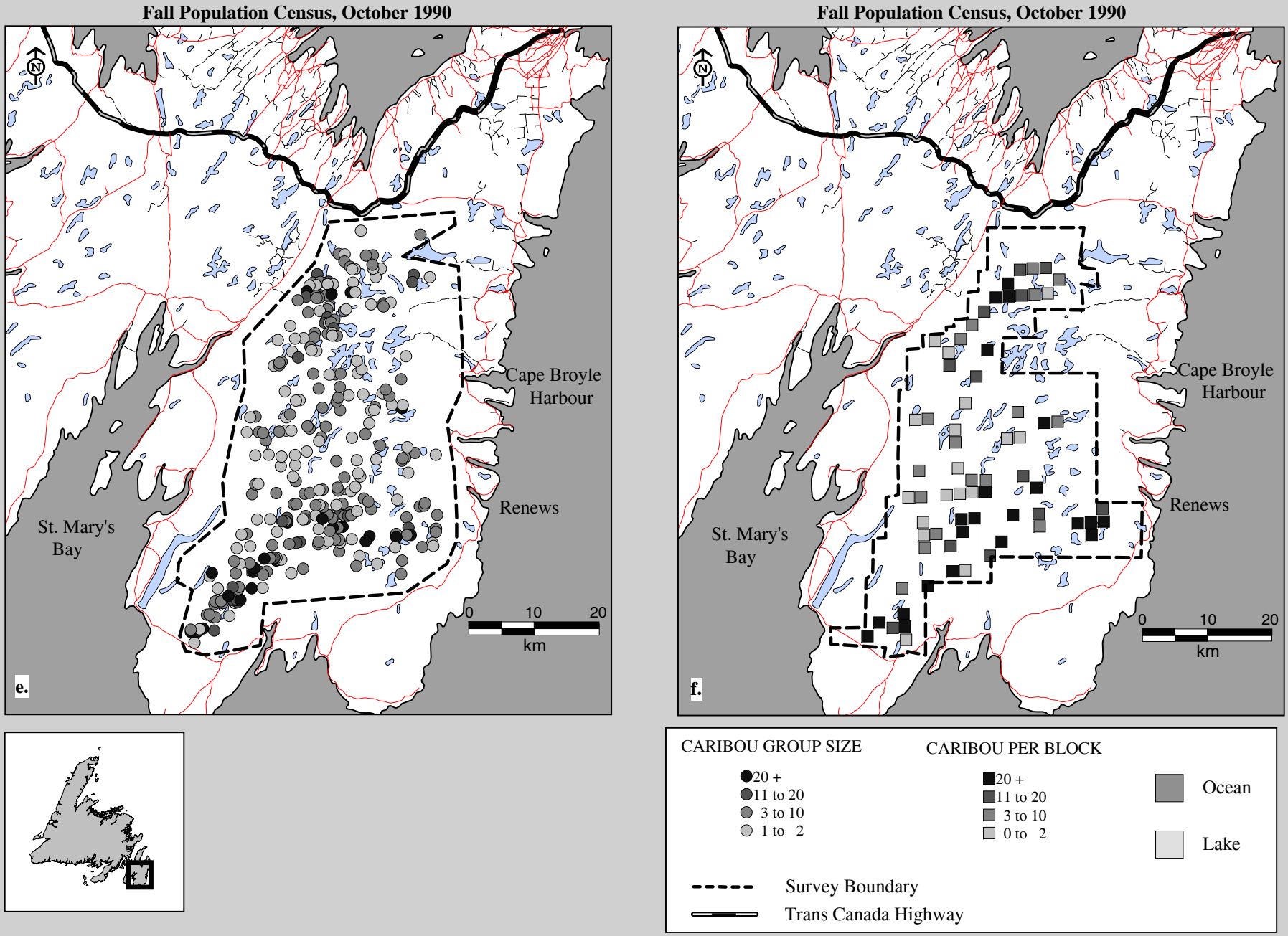
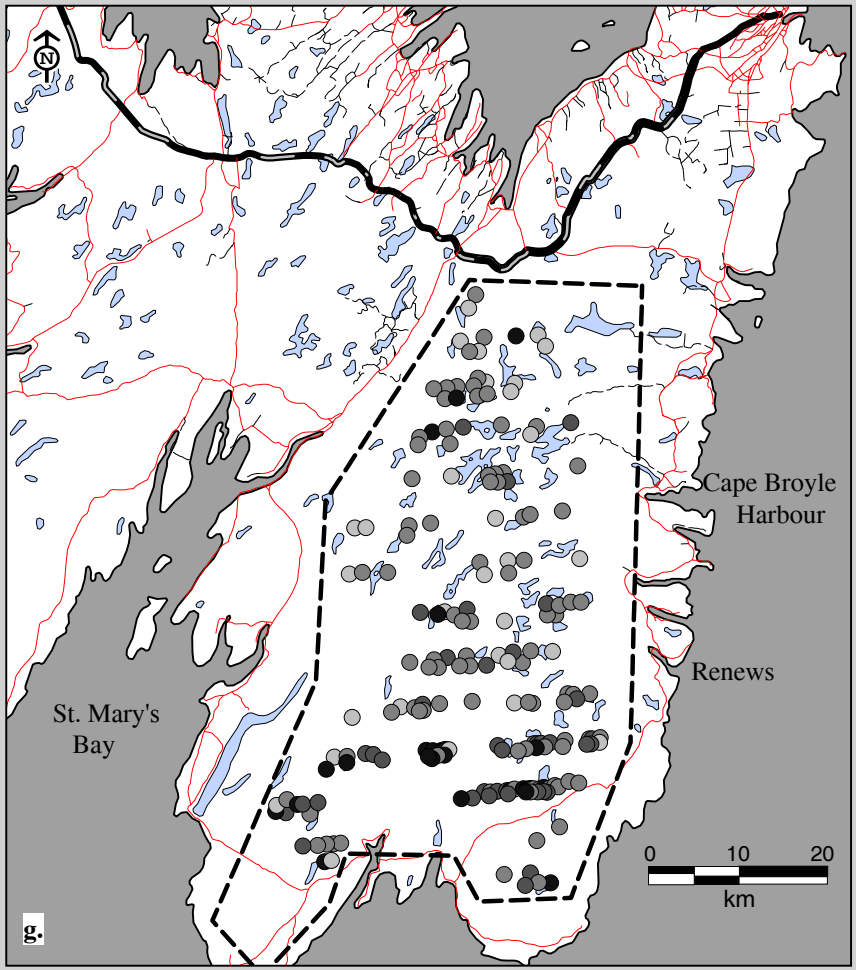


Fig. 14B-1(con'd). Avalon Caribou herd census results e. strip census, October 1990 (2,053 caribou observed; population estimate 5,016) and f. random block census, October 1990 (1,558 caribou observed; population estimate 5,783).

Fall Population Census, November 1995



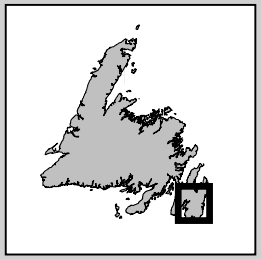


Fig. 14B-1 (con'd). Avalon Caribou Herd strip census results g. November 1995 (1,779 caribou observed; population estimate 8,540).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

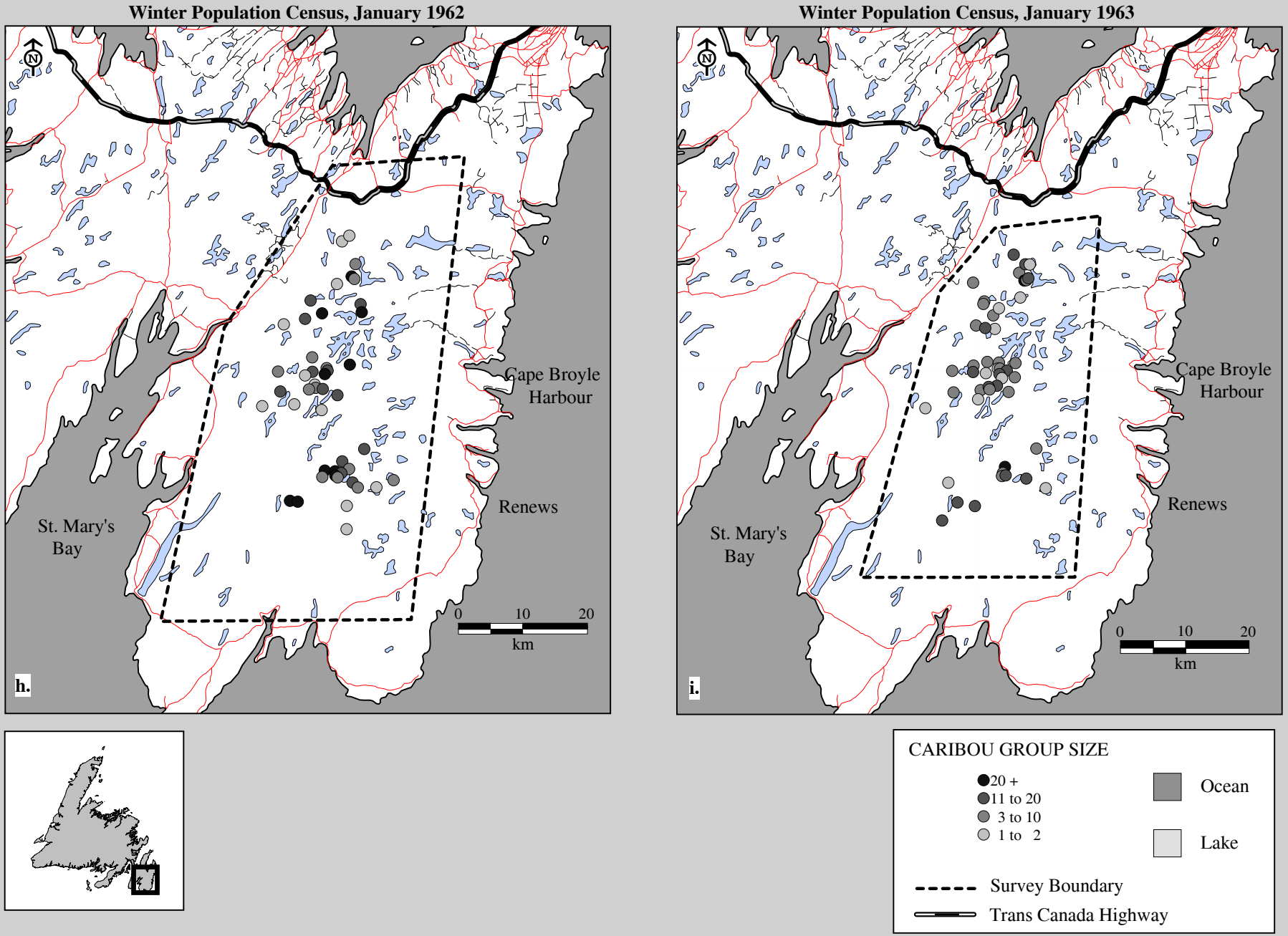
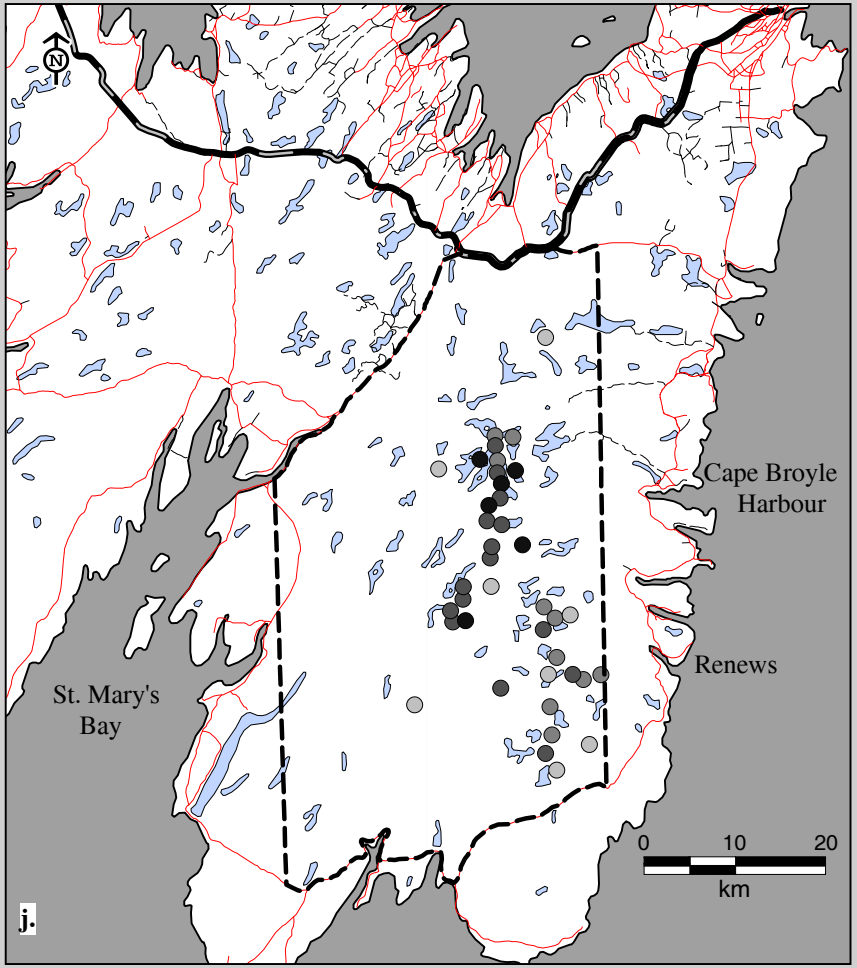


Fig. 14B-1 (con'd). Avalon Caribou Herd total count results h. January 1962 (346 caribou observed; population estimate 346) and i. January 1963 (384 caribou observed; population estimate 384).

Winter Population Census, January 1982



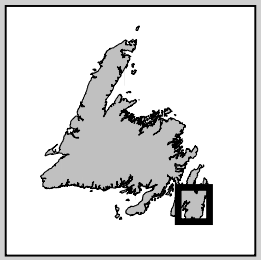


Fig. 14B-1 (con'd). Avalon Caribou Herd strip census results j. January 1982 (517 caribou observed; population estimate 2,982).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

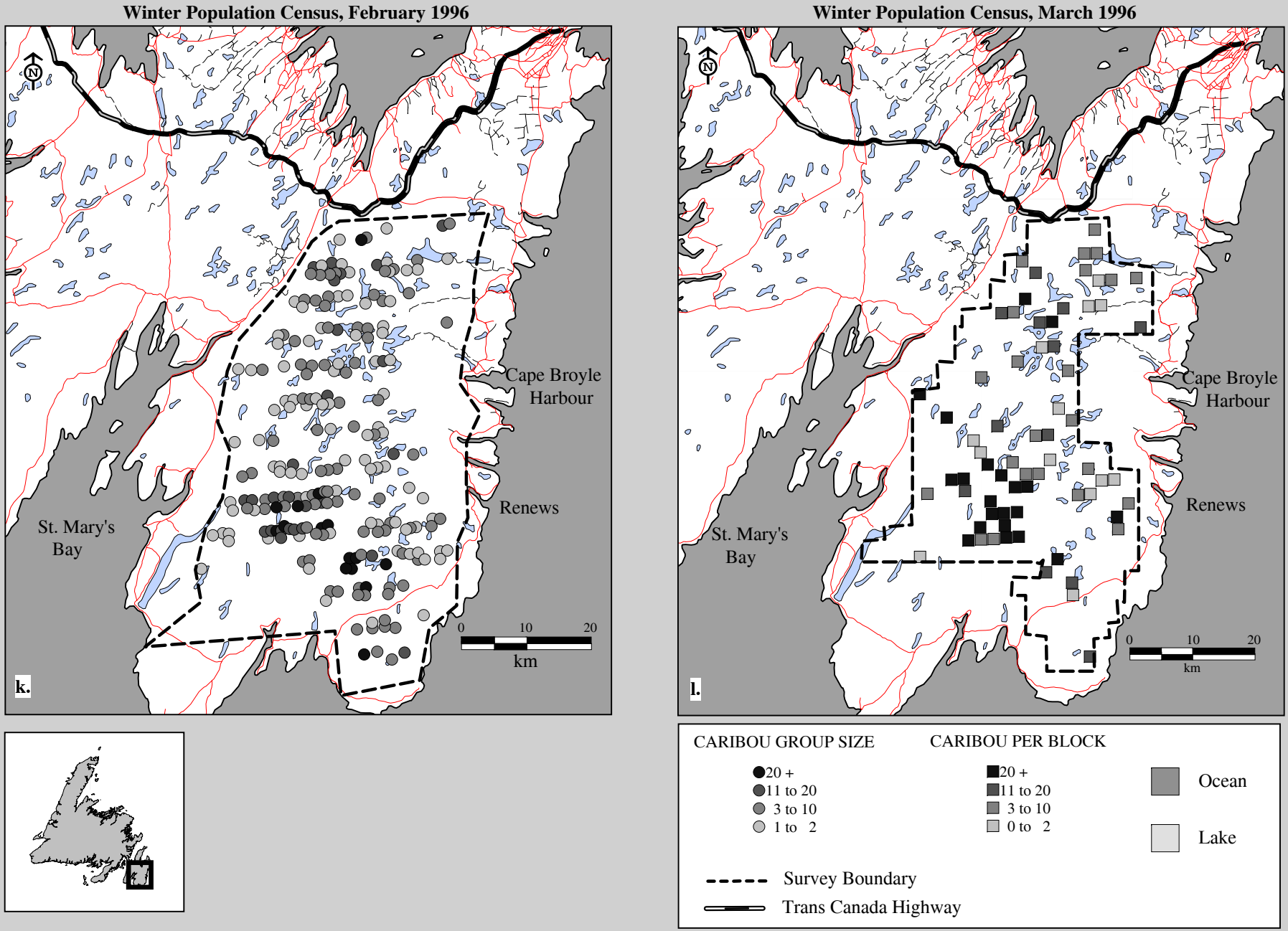


Fig. 14B-1 (con'd). Avalon Caribou Herd k. strip census results, February 1996 (1,397 caribou observed; population estimate 6,985) and l. random block census results, March 1996 (1,199 caribou observed; population estimate 6,458).

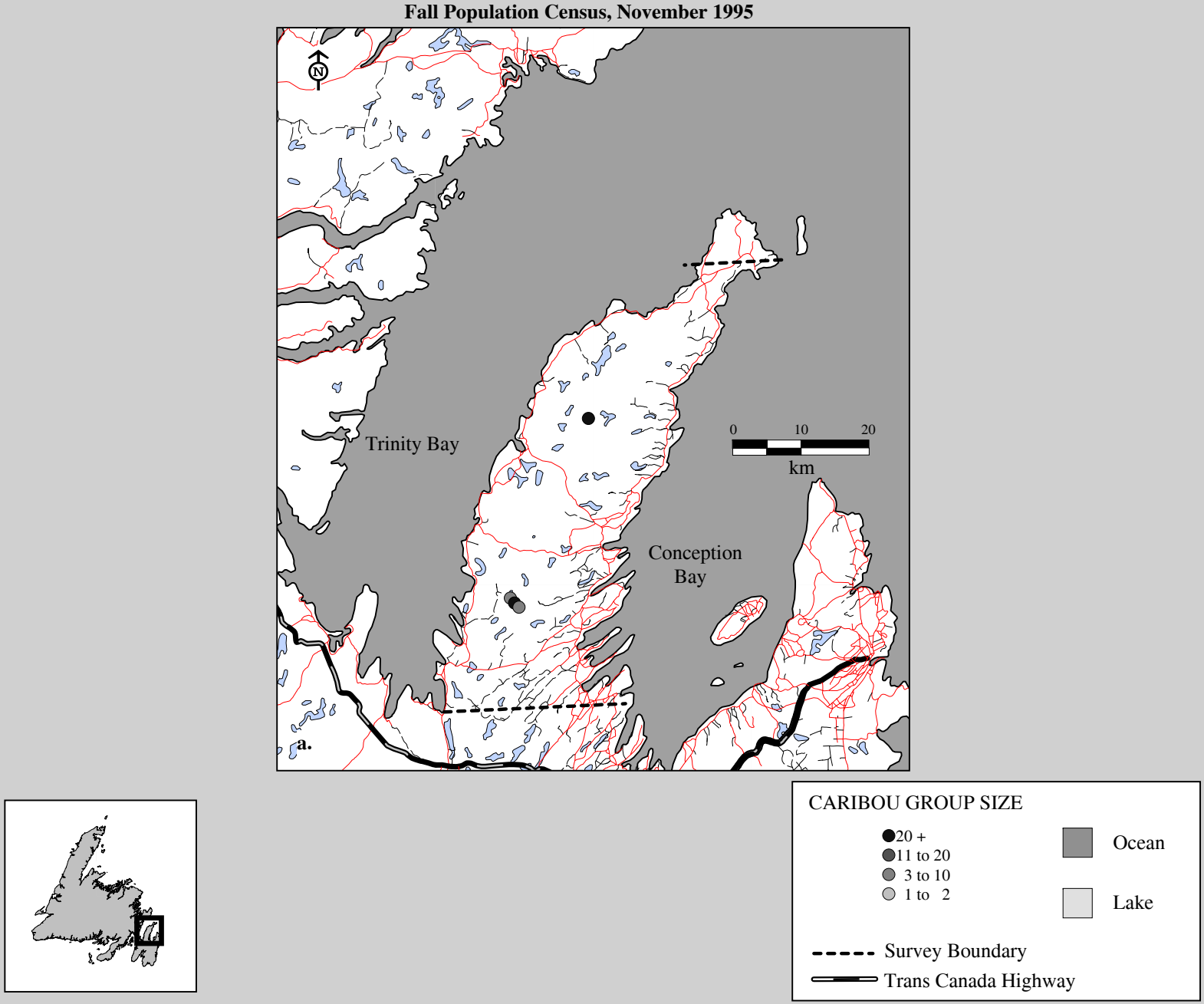


Fig. 14B-2. Bay de Verde Caribou Herd total count results a. November 1995 (93 caribou observed; population estimate 93).

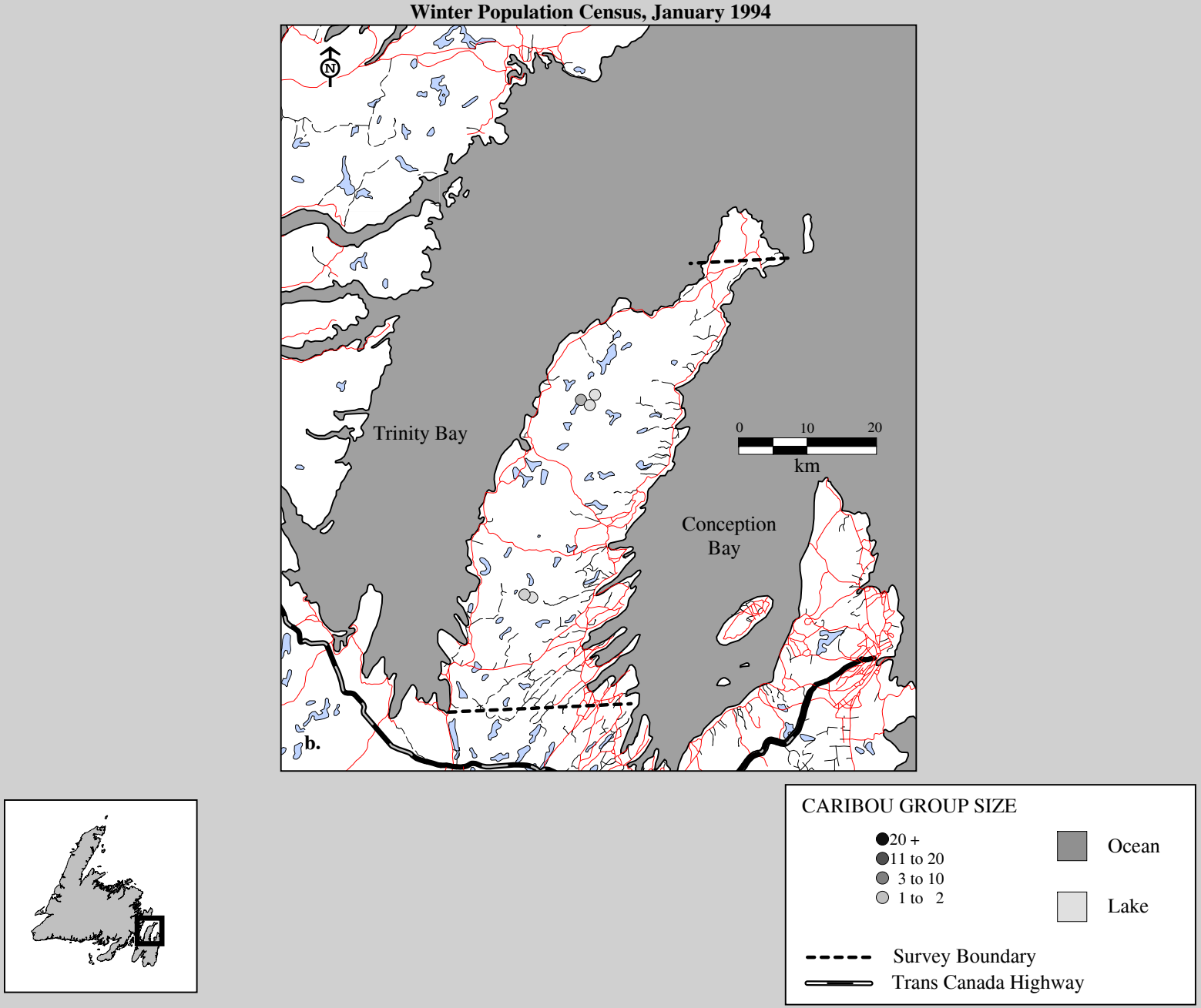


Fig. 14B-2 (con'd). Bay de Verde Caribou Herd strip census results b. January 1994 (36 caribou observed; population estimate 72).

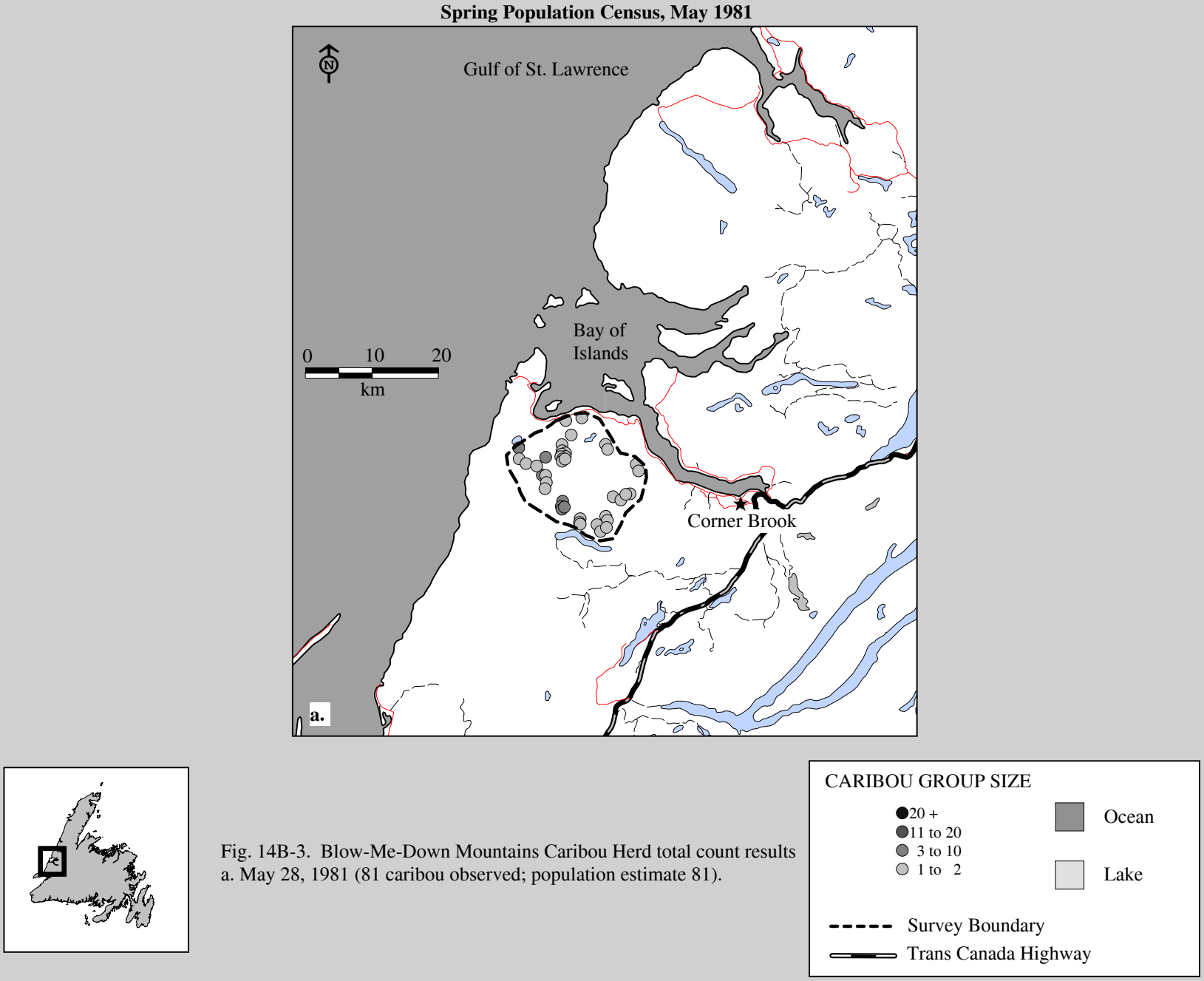


Fig. 14B-3. Blow-Me-Down Mountains Caribou Herd total count results a. May 28, 1981 (81 caribou observed; population estimate 81).

Fig. 14B-4. Brunette Island Caribou Herd total count results a. June 1964 (18 caribou observed; population estimate 18).

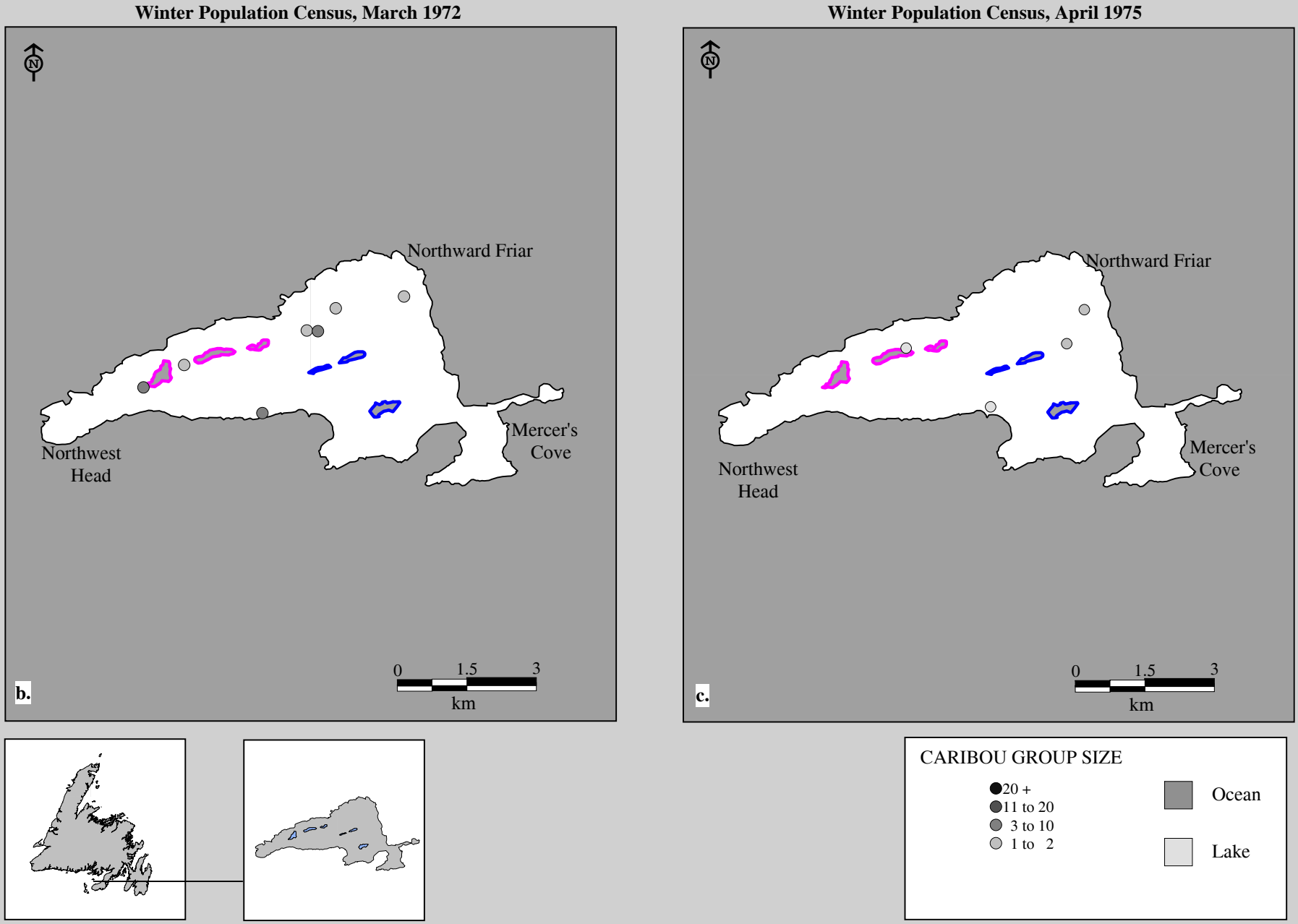


Fig. 14B-4 (con'd). Brunette Island Caribou Herd total count results b. March 1972 (16 caribou observed; population estimate 16) and c. April 1975 (18 caribou observed; population estimate 18).

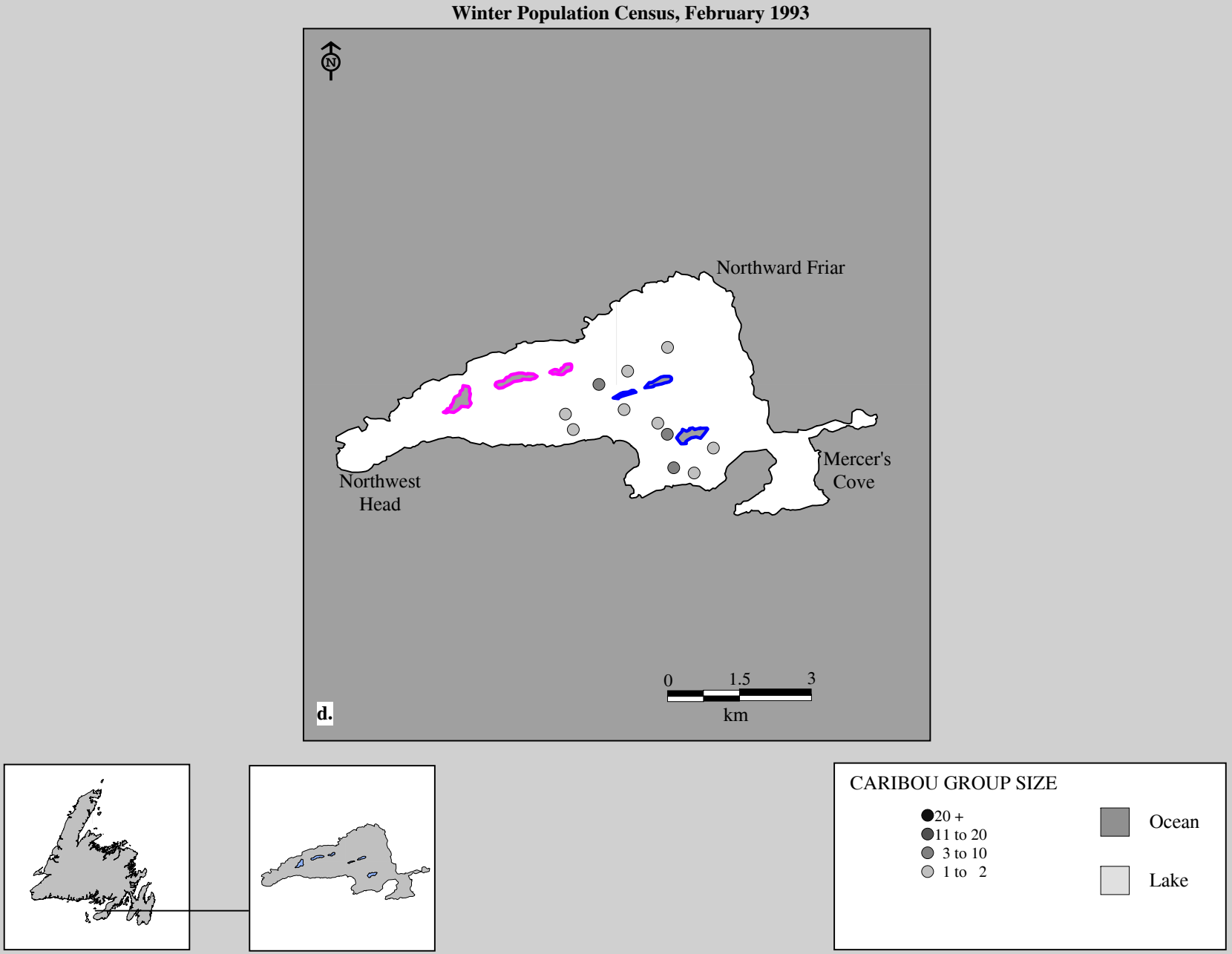


Fig. 14B-4 (con'd). Brunette Island Caribou Herd strip census results d. February 1993 (26 caribou observed; population estimate 52).

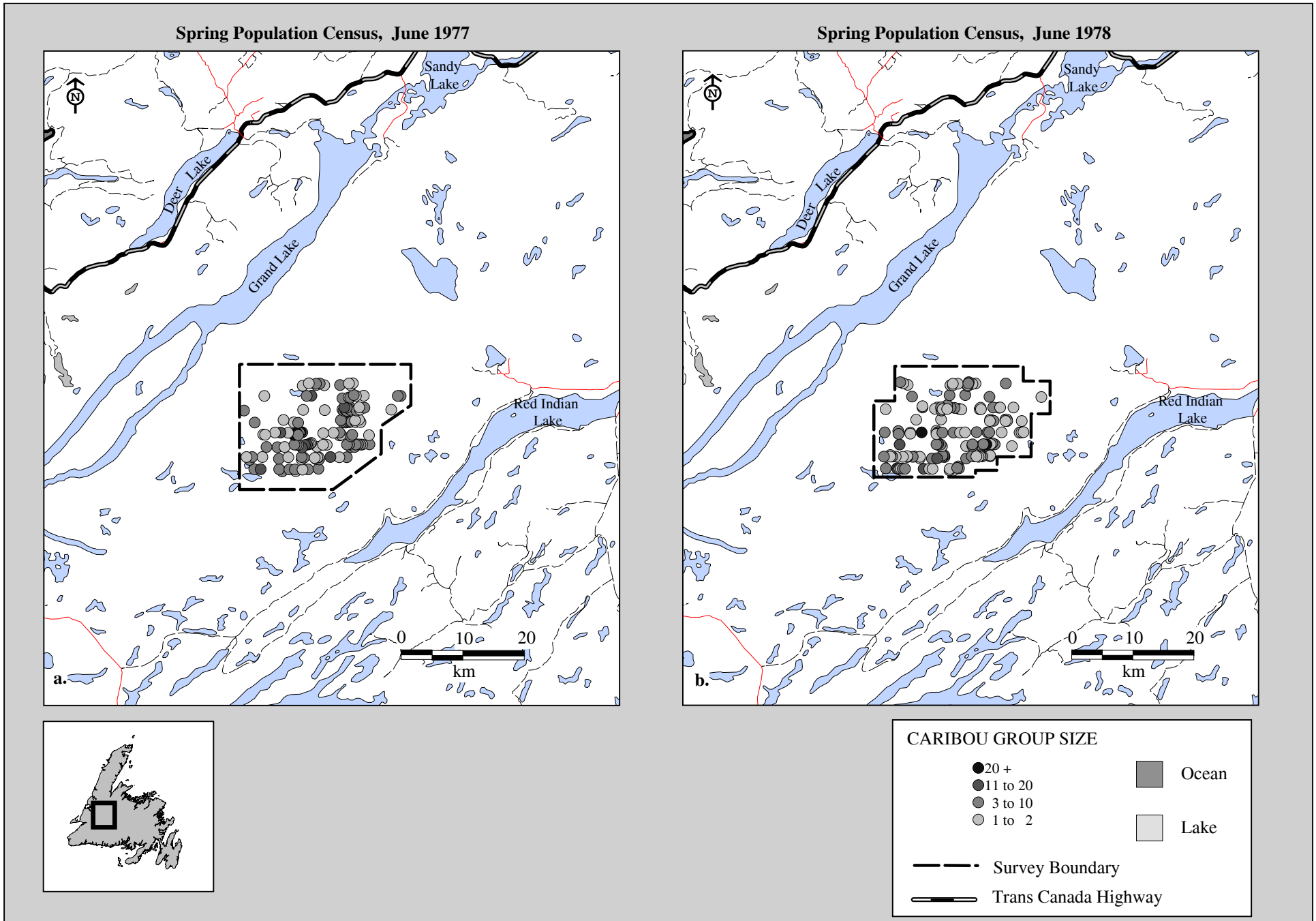
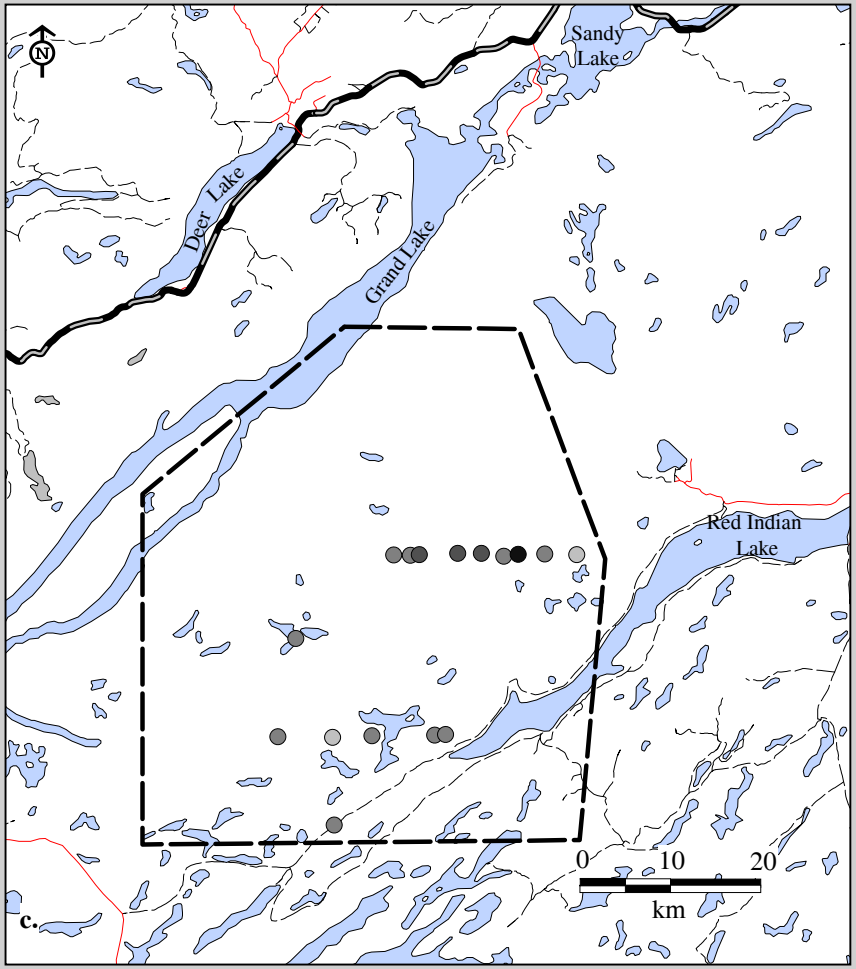


Fig. 14B-5. Buchans Caribou Herd strip census results a. June 9, 1977 (599 caribou observed; population estimate 1,631) and b. June 7, 1978 (542 caribou observed; population estimate 1,084).

Spring Population Census, May 1980



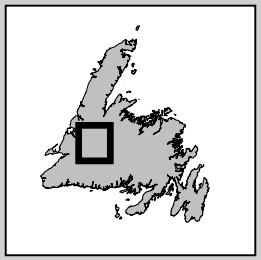


Fig. 14B-5 (con'd). Buchans Caribou Herd strip census results
c. May 9, 1980 (127 caribou observed; population estimate 1,107).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

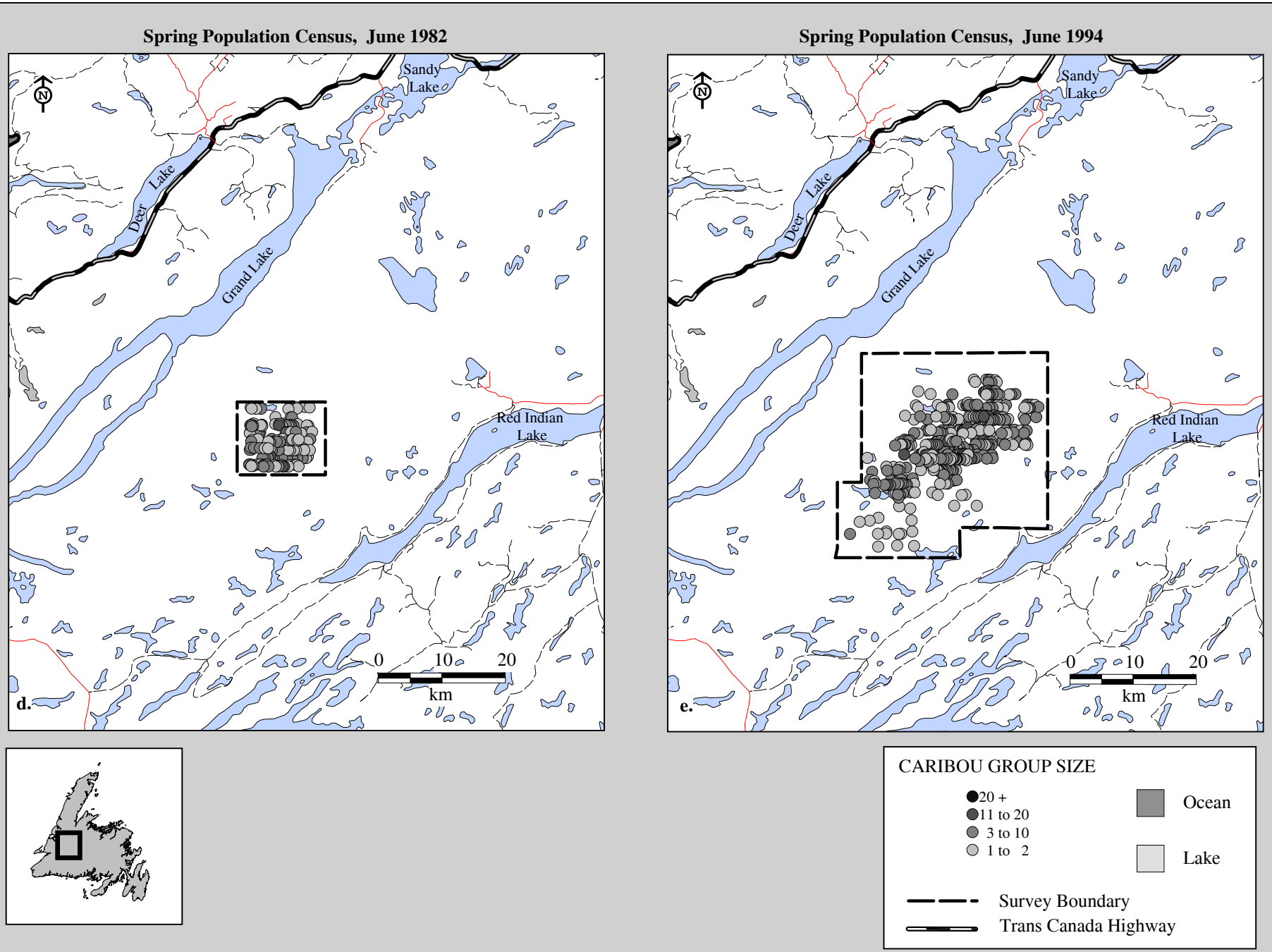
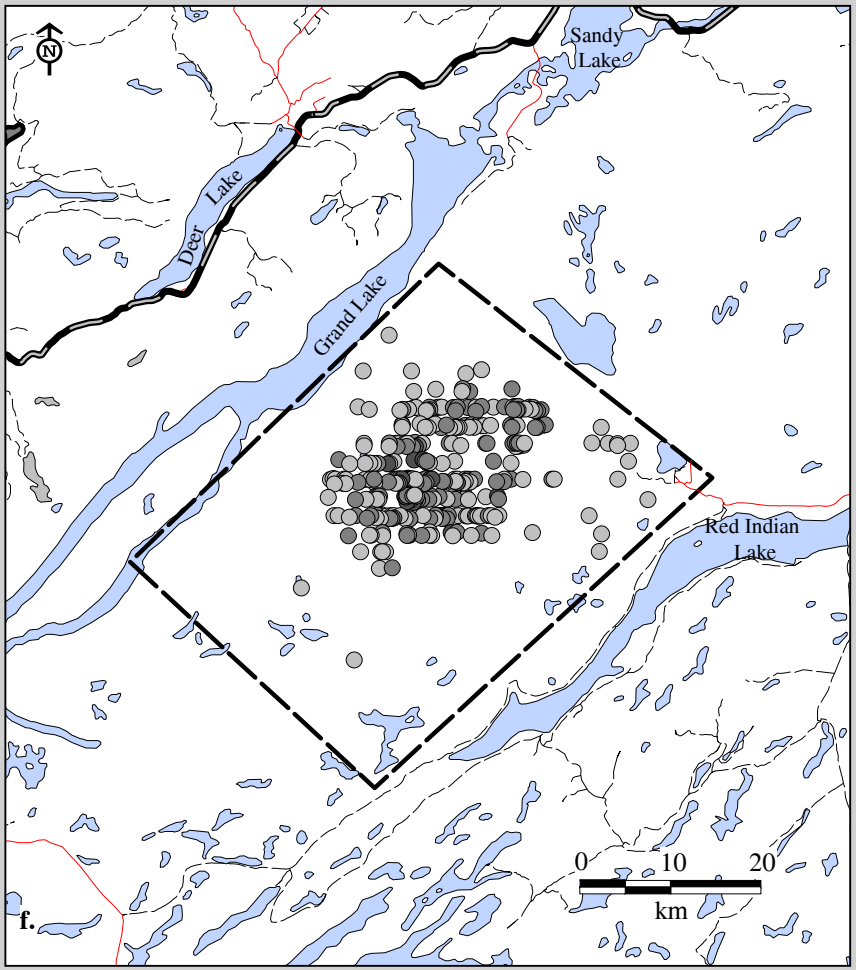


Fig. 14B-5 (con'd). Buchans Caribou Herd strip census results d. June 7, 1982 (492 caribou observed; population estimate 2,956) and e. June 13, 1994 (1,718 caribou observed; population estimate 3,271).

Spring Population Census, June 1995



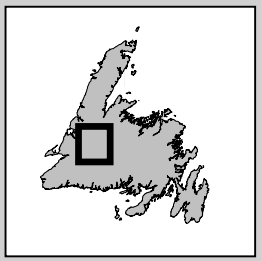


Fig. 14B-5 (con'd). Buchans Caribou Herd strip census results
f. June 29, 1995 (1,313 caribou observed; population estimate 2,659).

CARIBOU GROUP SIZE

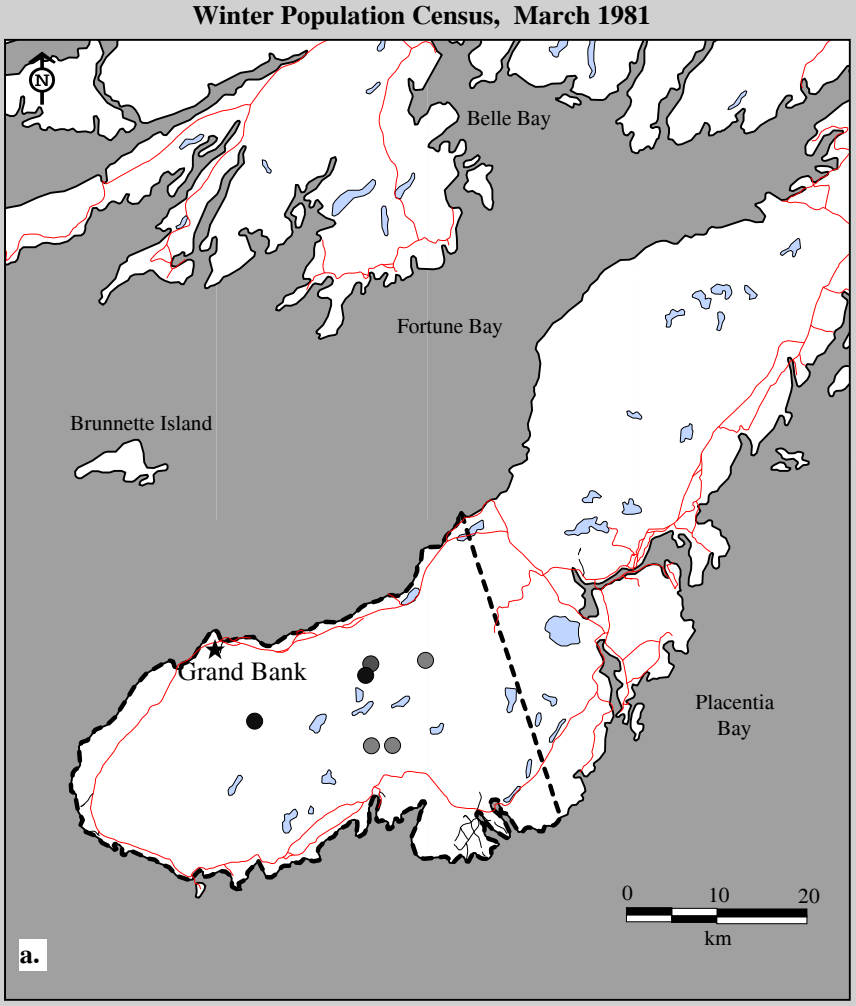
- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway



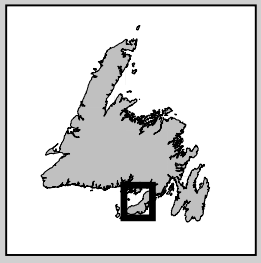


Fig. 14B-6. Burin Foot Caribou Herd strip census results a. March 1981 (79 caribou observed; population estimate 197).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Fall Population Census, November 1995

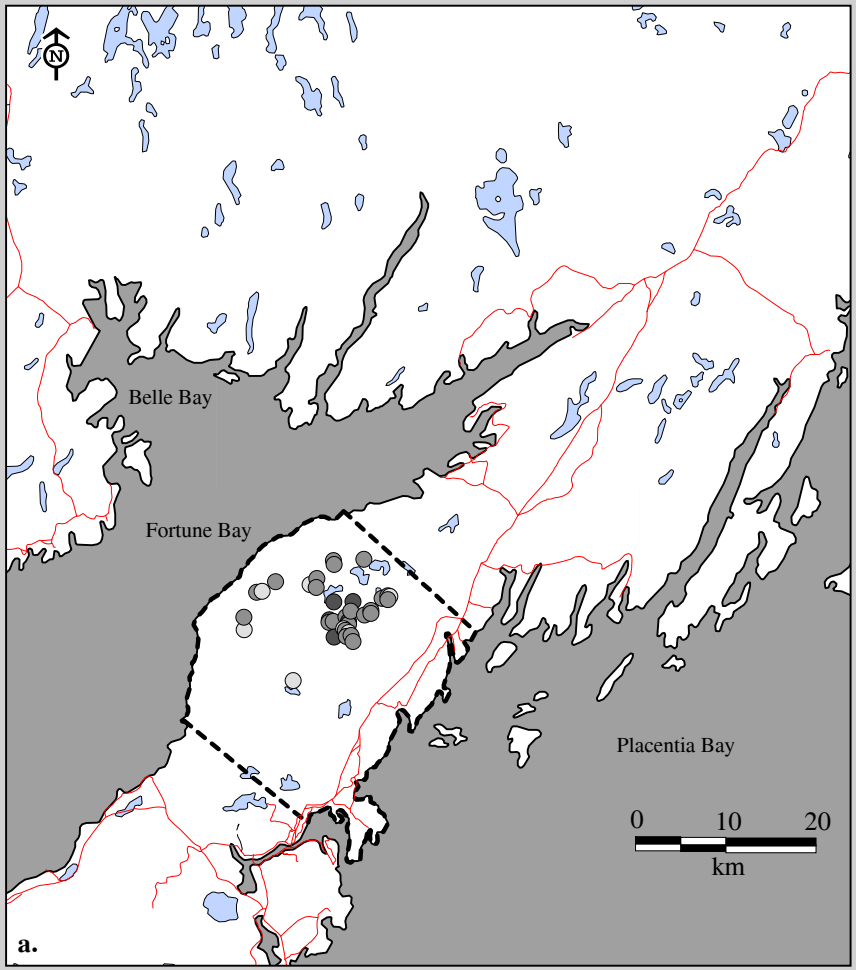


Fig. 14B-7. Burin Knee Caribou Herd strip census results
a. November 1995 (213 caribou observed; population estimate 426).

CARIBOU GROUP SIZE

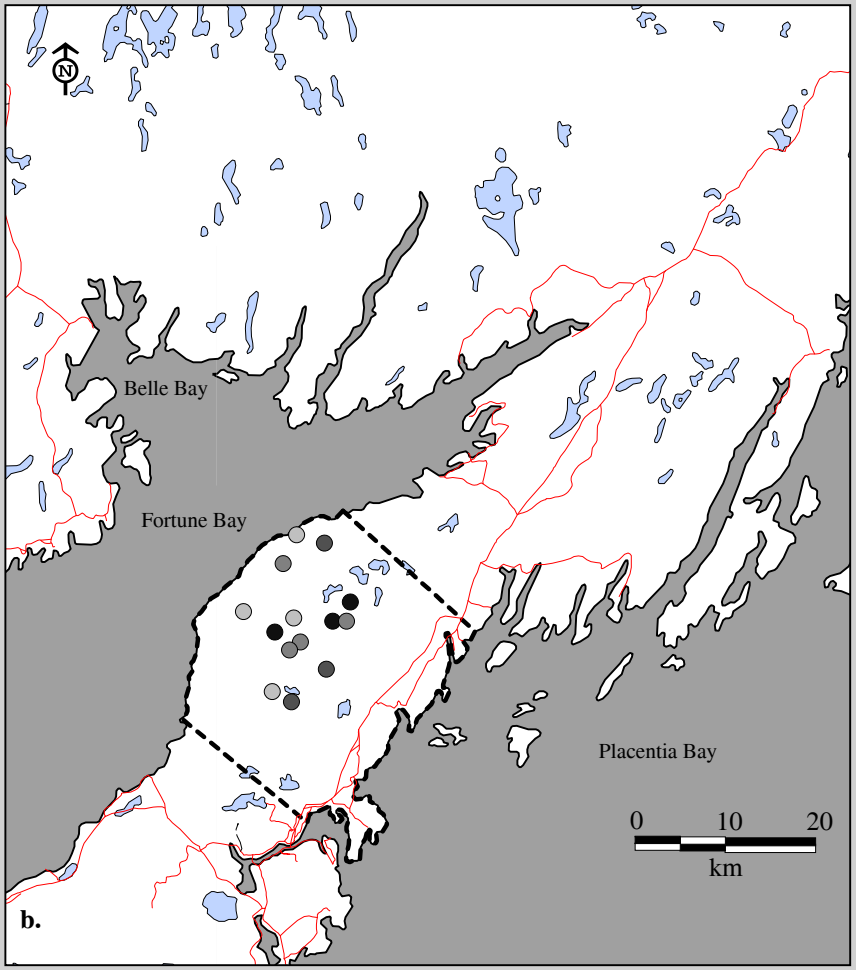
- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Winter Population Census, March 1981



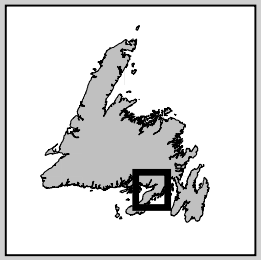


Fig. 14B-7 (con'd). Burin Knee Caribou Herd strip census results b. March 1981 (152 caribou observed; population estimate 353).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Fall Population Census, November 1994

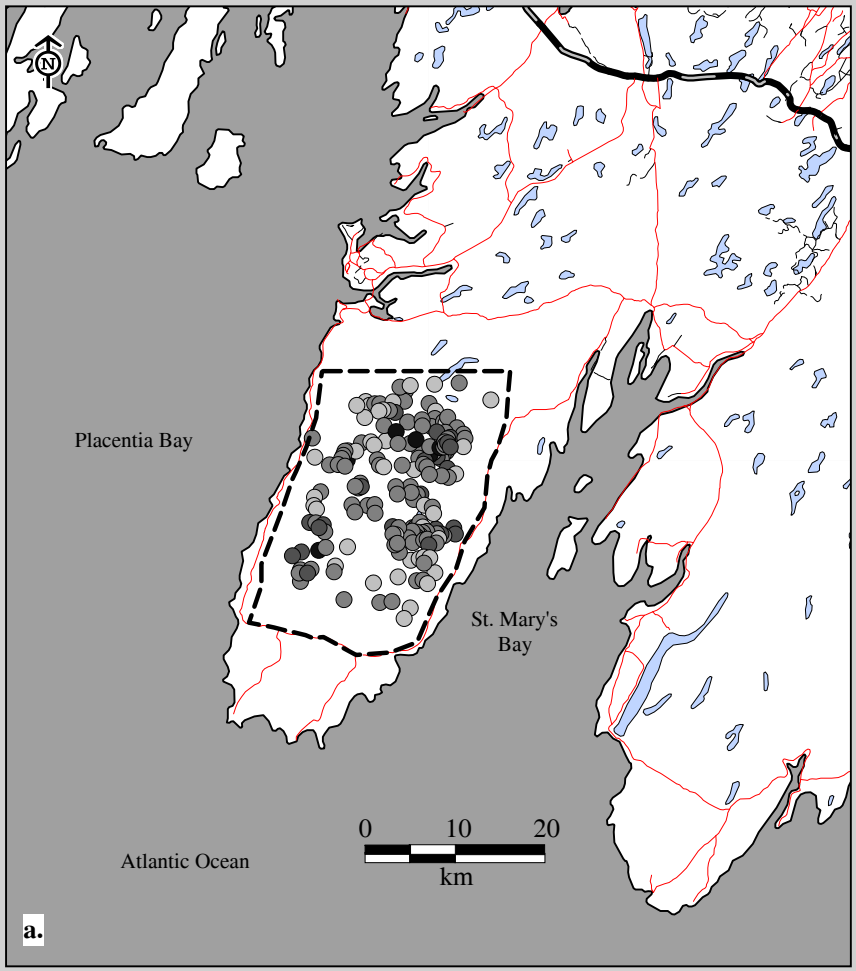


Fig. 14B-8. Cape Shore Caribou Herd a. total count results, November 1994 (1,190 caribou observed; population estimate 1,190).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

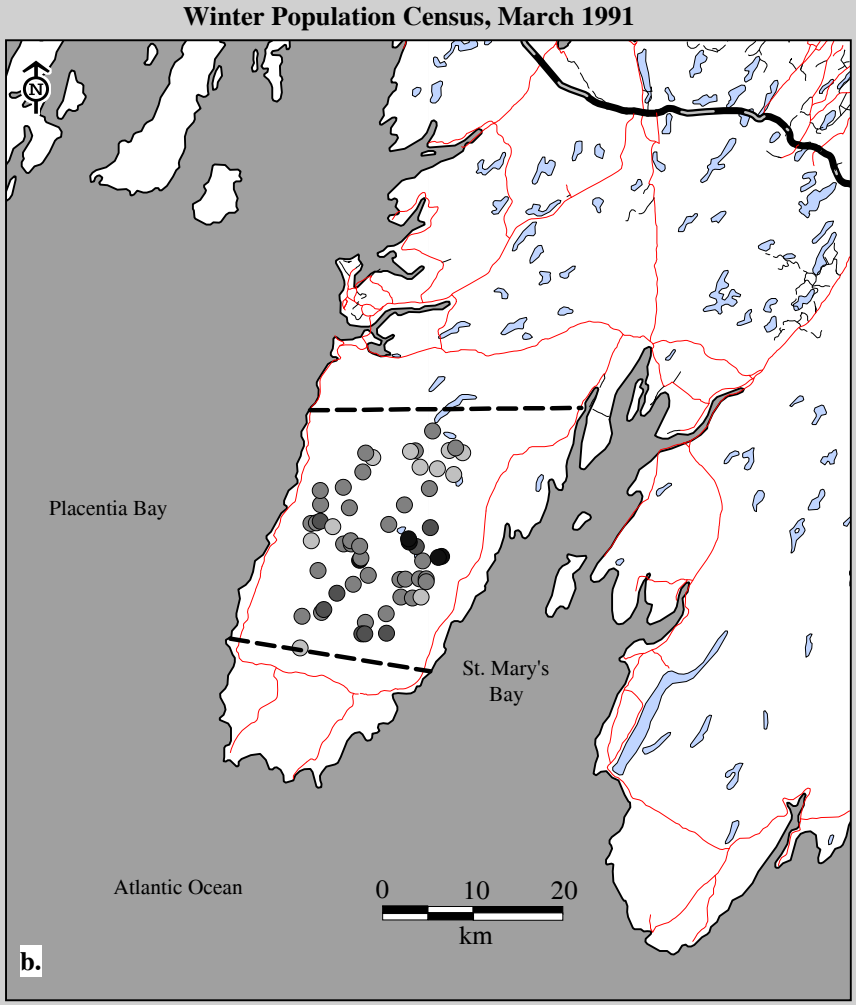
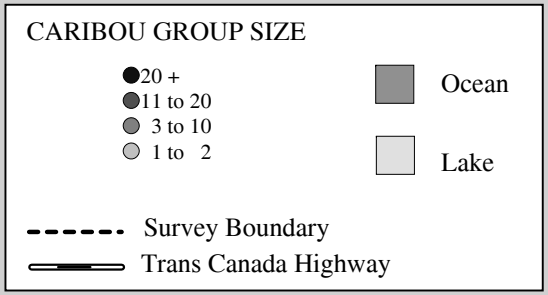


Fig. 14B-8 (con'd). Cape Shore Caribou Herd b. strip census results, March 1991 (447 caribou observed; population estimate 836).



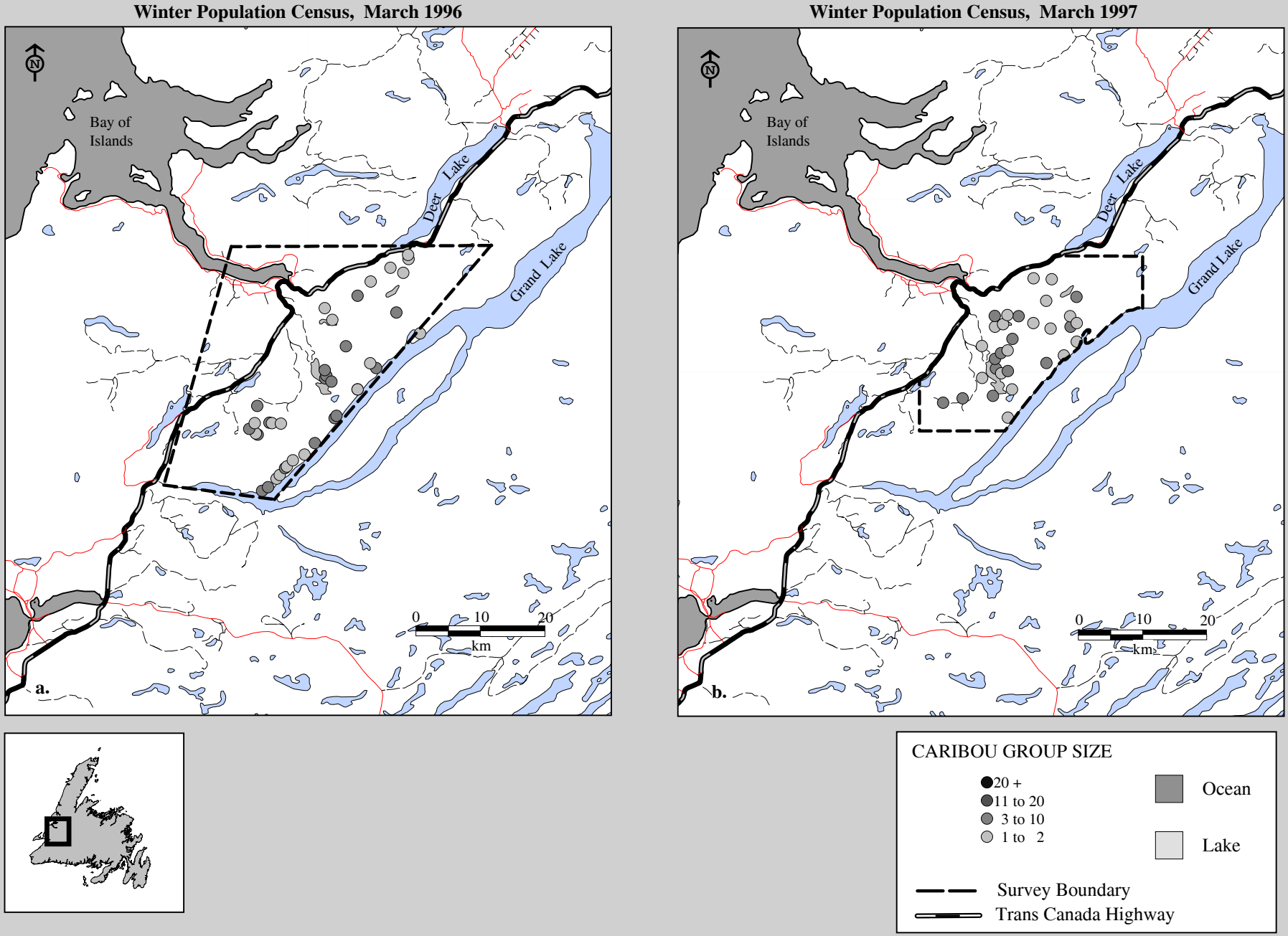


Fig. 14B-9. Corner Brook Lakes Caribou Herd strip census results a. March 1996 (110 caribou observed; population estimate 950) and b. March 1997 (95 caribou observed; population estimate 576).

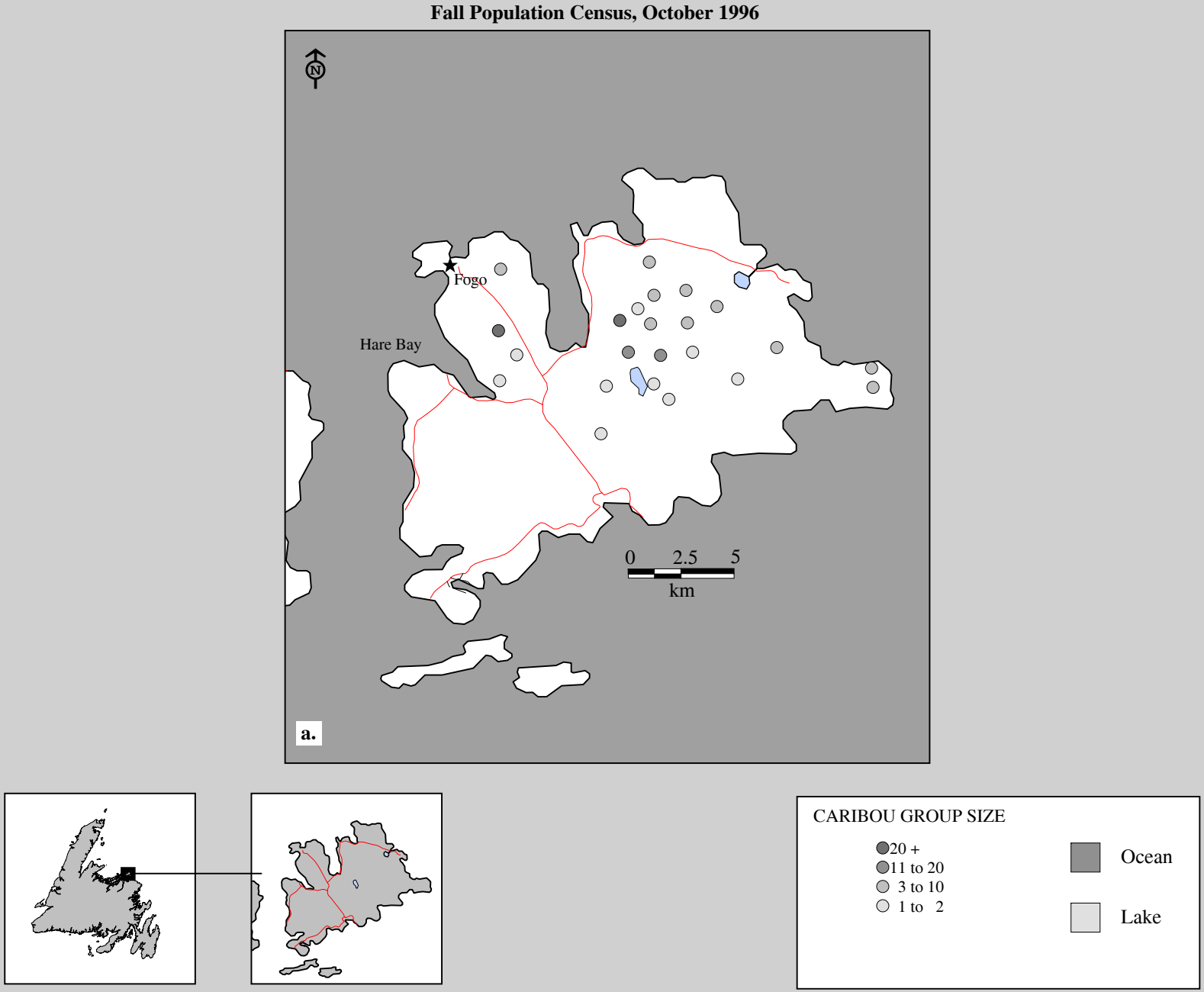


Fig. 14B-10. Fogo Island Caribou Herd total count results a. October 1996 (192 caribou observed; population estimate 192).

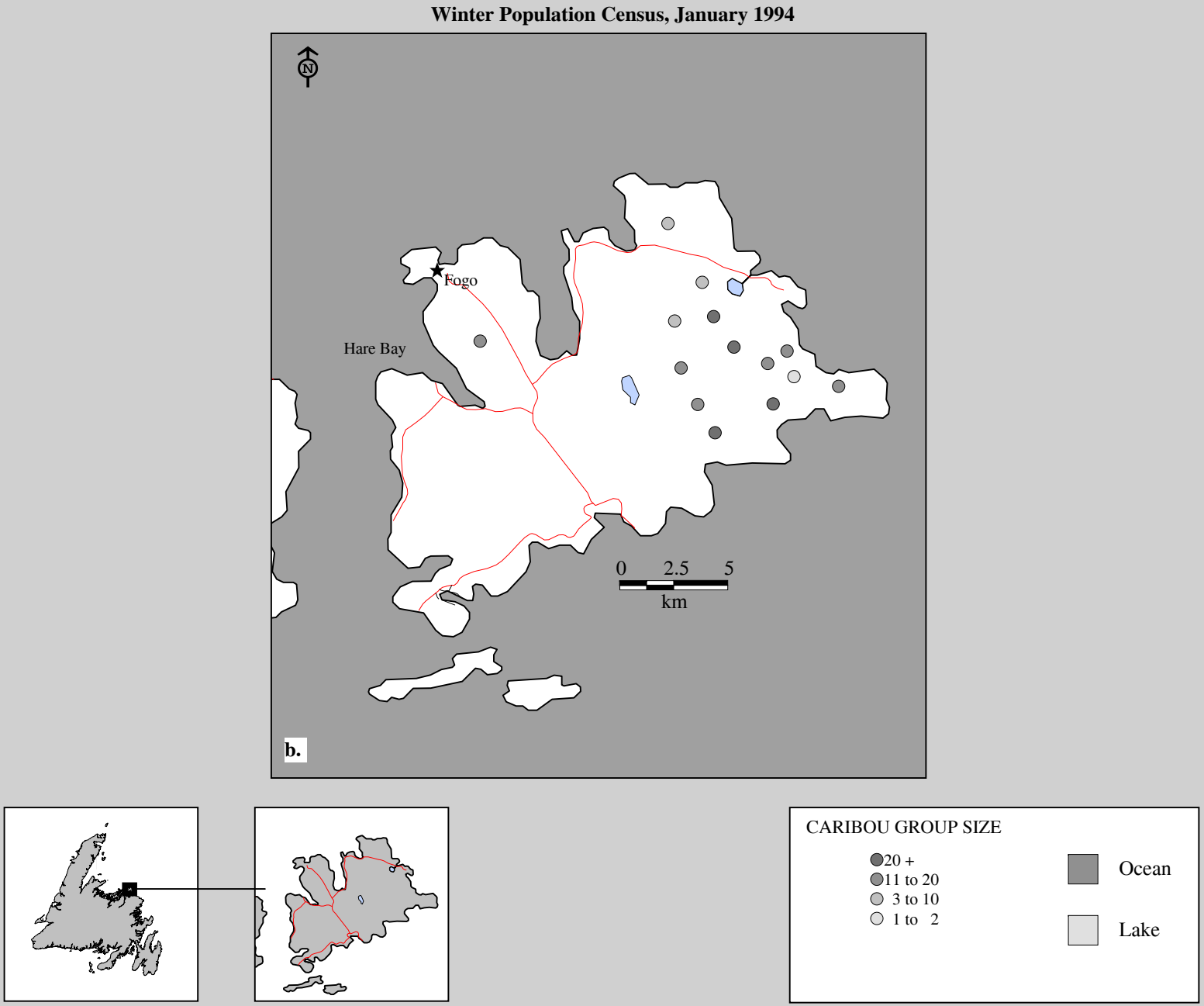
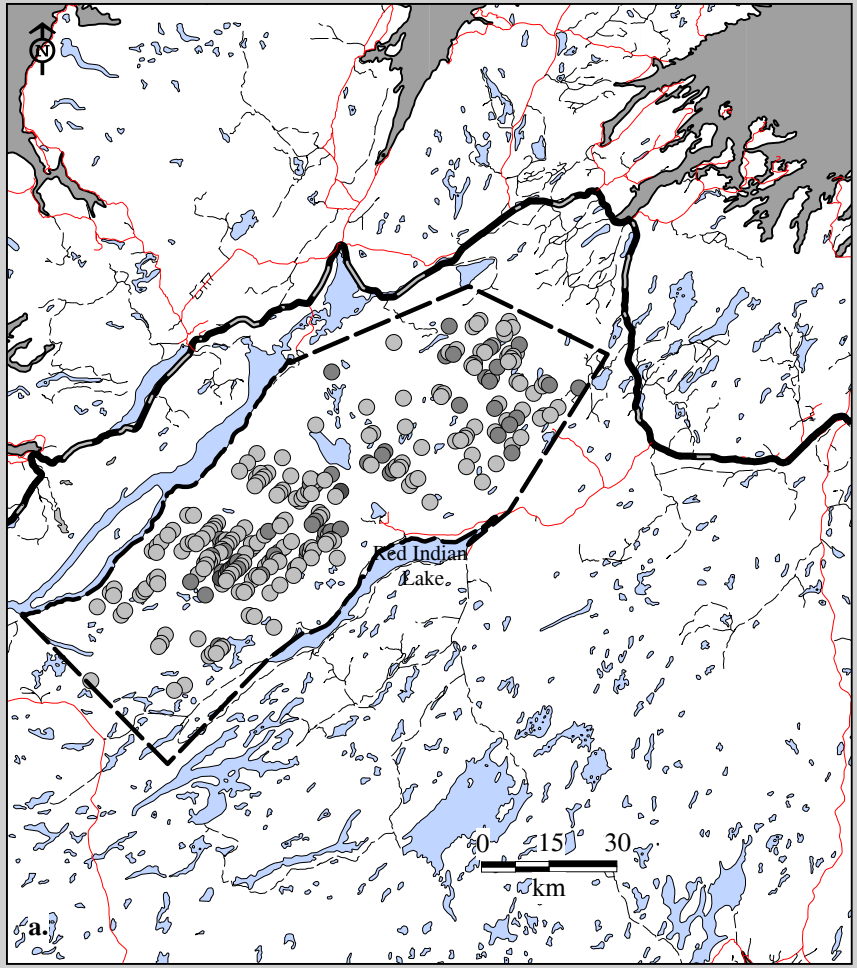


Fig. 14B-10 (con'd). Fogo Island Caribou Herd total count results b. January 1994 (219 caribou observed; population estimate 219).

Spring Population Census, June 1982



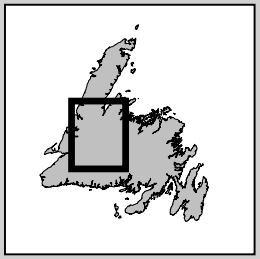


Fig. 14B-11. Gaff Topsails Caribou Herd strip census results a. June 8, 1982 (510 caribou observed; population estimate 1,834).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

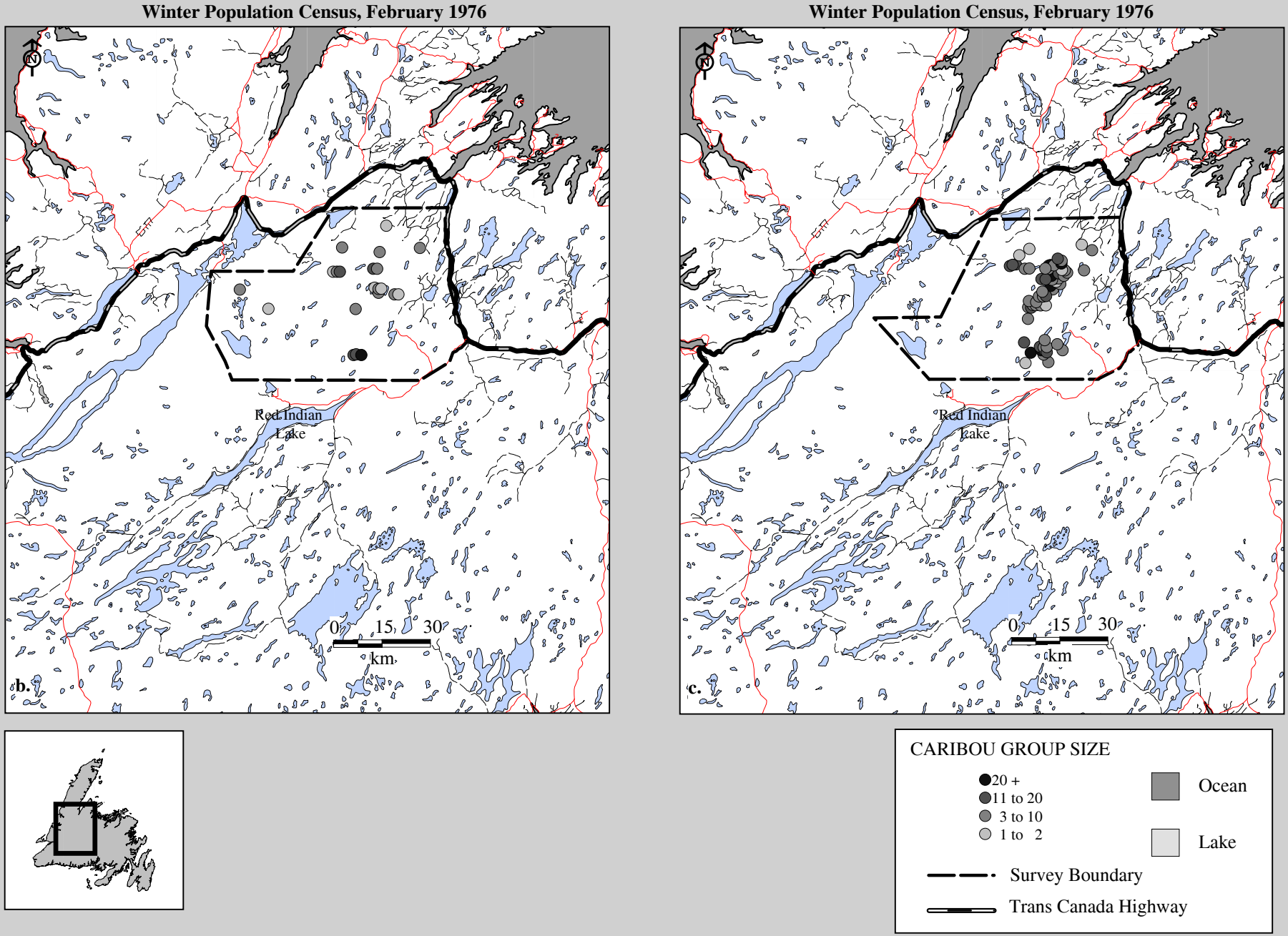


Fig. 14B-11 (con'd). Gaff Topsails Caribou Herd strip census results b. February 1976 (140 caribou observed; population estimate 735) and c. February 1976 (520 caribou observed; population estimate 1,100).

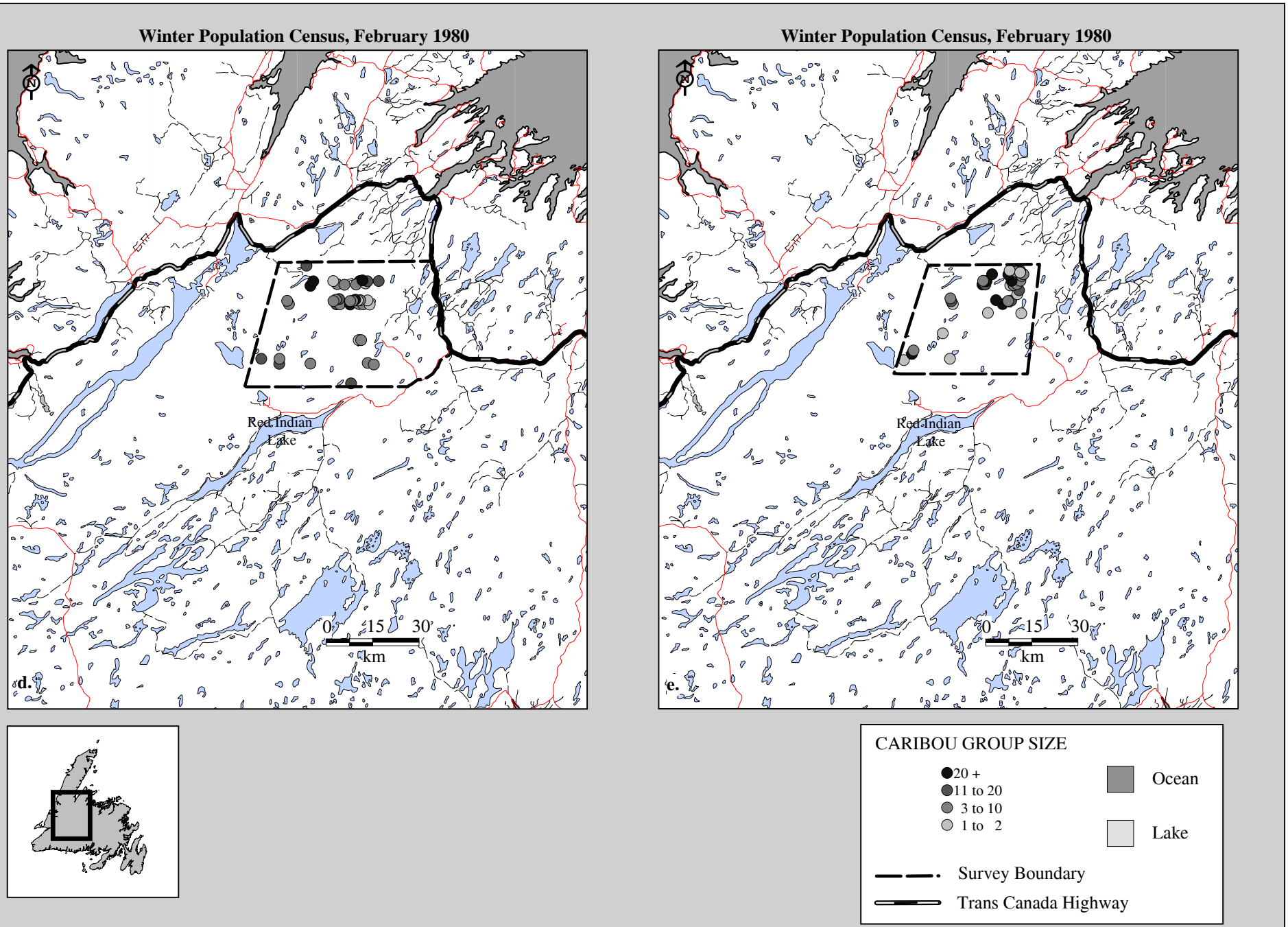
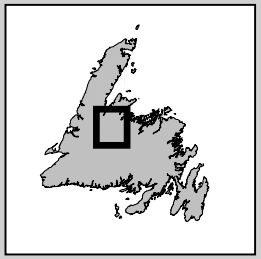


Fig. 14B-11 (con'd). Gaff Topsails Caribou herd strip census results d. February 4, 1980 (460 caribou observed; population estimate 2,574) and e. February 7, 1980 (260 caribou observed; population estimate 838).



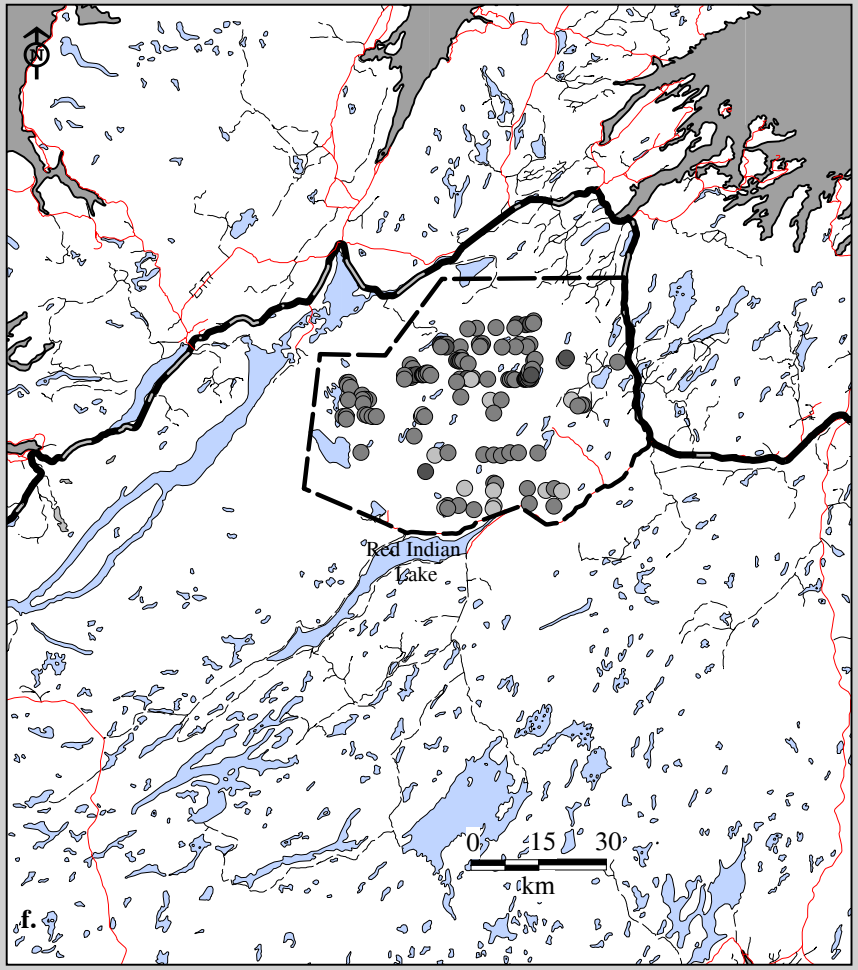


Fig. 14B-11 (con'd). Gaff Topsails Caribou Herd strip census results
f. March 1989 (958 caribou observed; population estimate 4,800).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

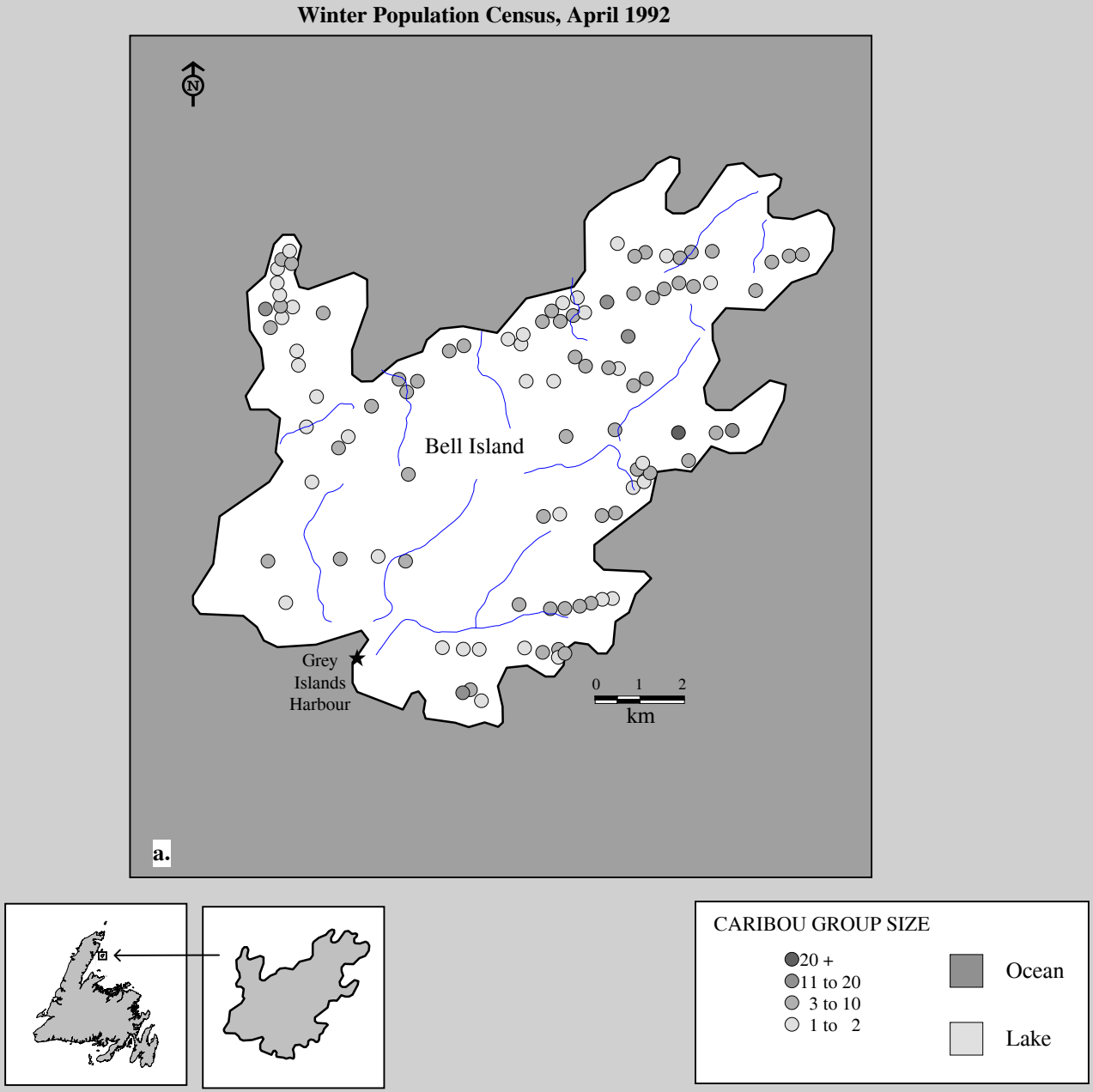
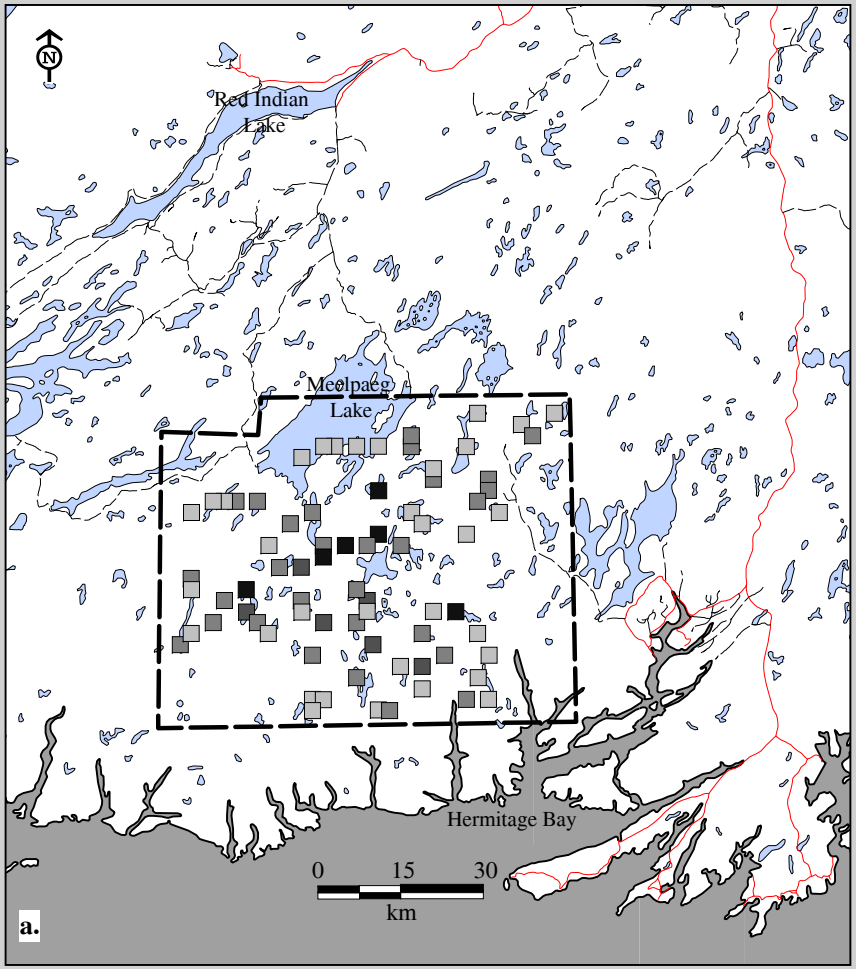


Fig. 14B-12. Grey Islands Caribou Herd total count results a. April 1992 (434 caribou observed; population estimate 434)

Spring Population Census, June 1980



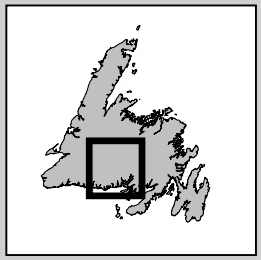


Fig. 14B-13. Grey River Caribou Herd random block census results
a. June 1980 (418 caribou observed; population estimate 2,516)

CARIBOU PER BLOCK

- 20 +
- 11 to 20
- 3 to 10
- 0 to 2

Ocean

Lake

Survey Boundary

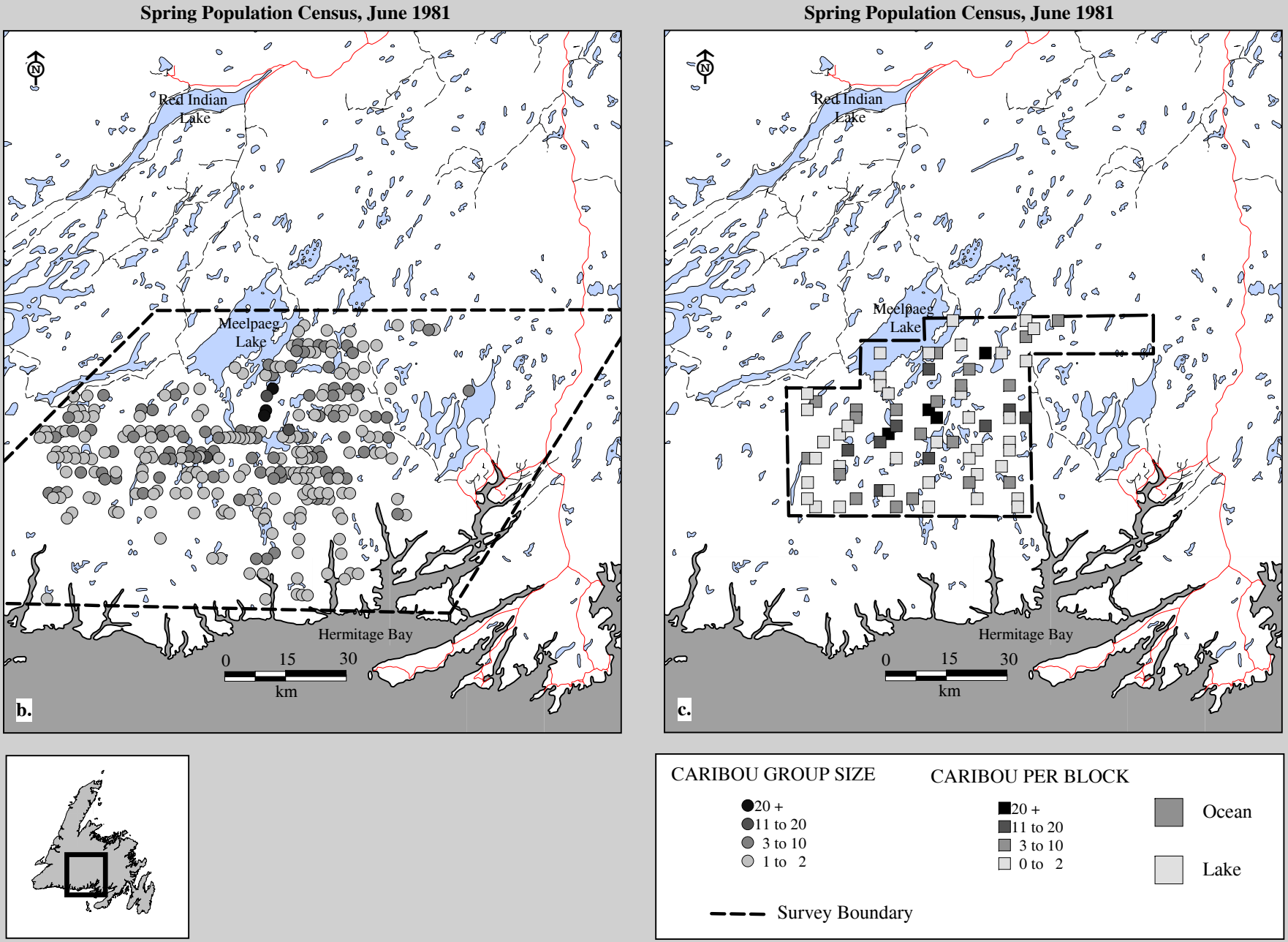
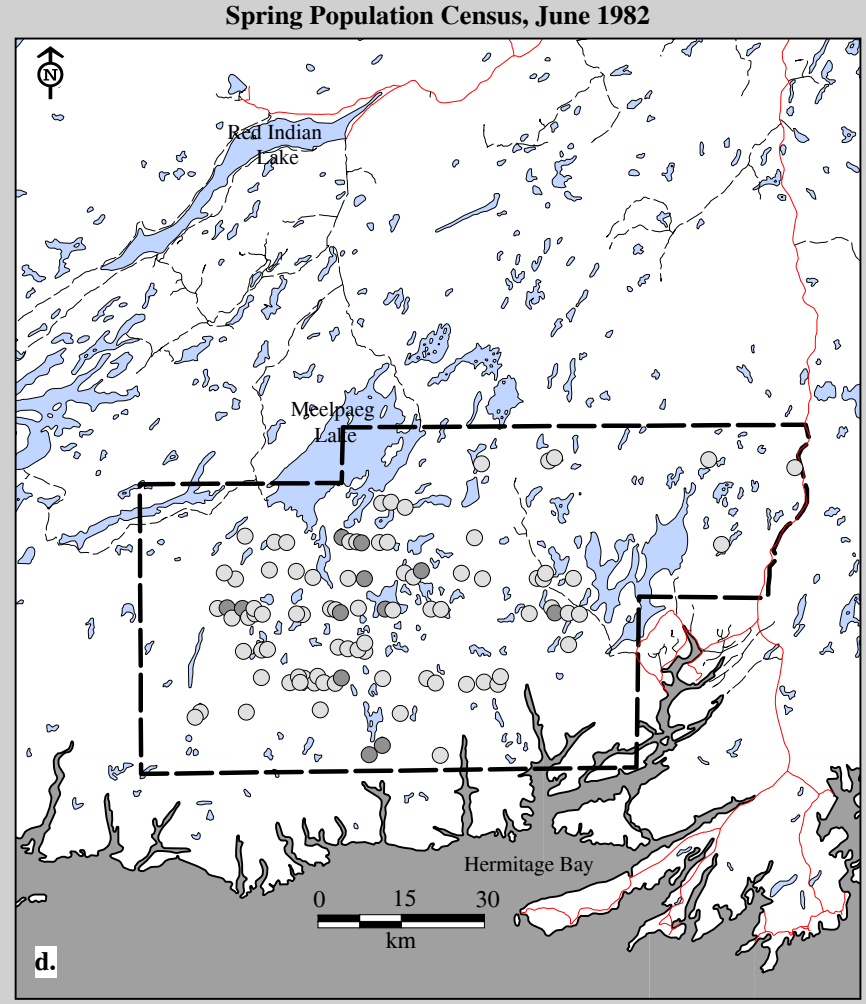
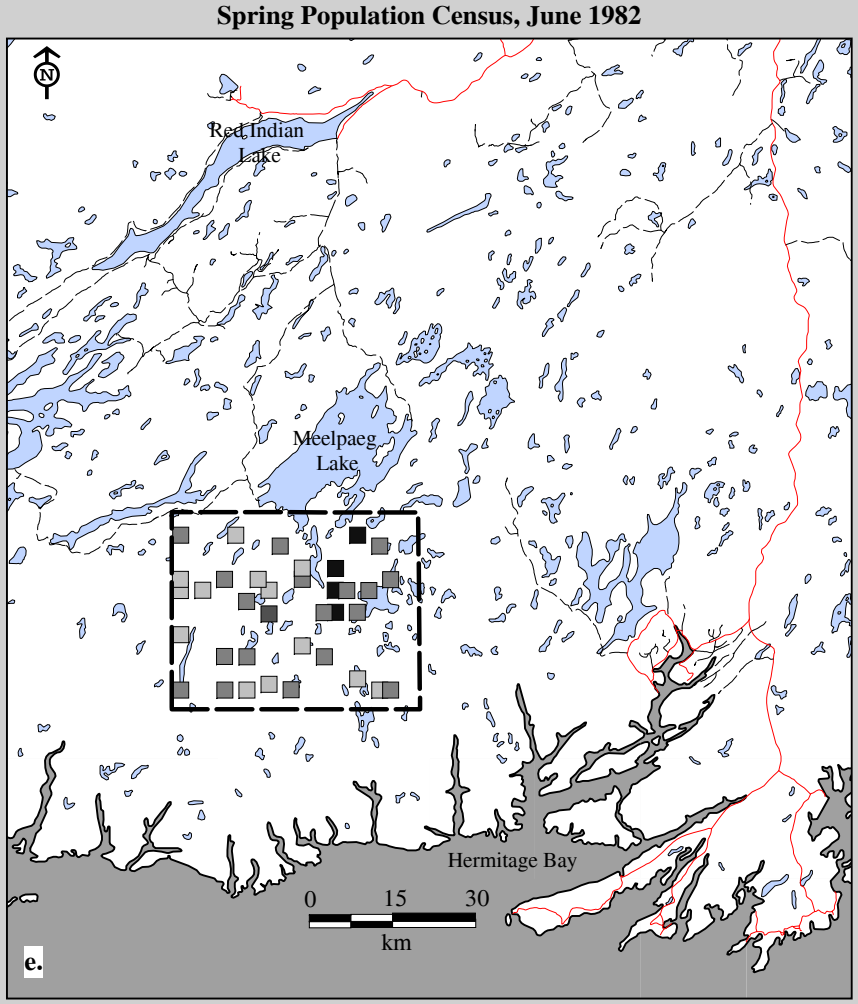
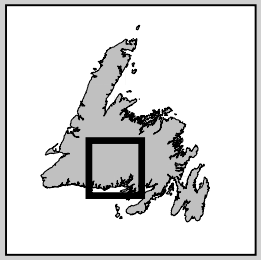


Fig. 14B-13 (con'd). Grey River Caribou Herd b. strip census results, June 1981 (796 caribou observed; population estimate 10,500) and c. random block census results, June 1981 (397 caribou observed; population estimate 2,541).







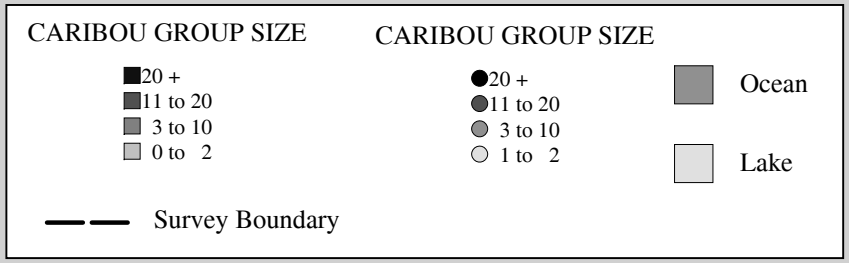


Fig. 14B-13 (con'd). Grey River Caribou Herd d. strip census results, June 1982 (153 caribou observed; population estimate 1,892) and e. random block census results, June 1982 (223 caribou observed; population estimate 1,918).

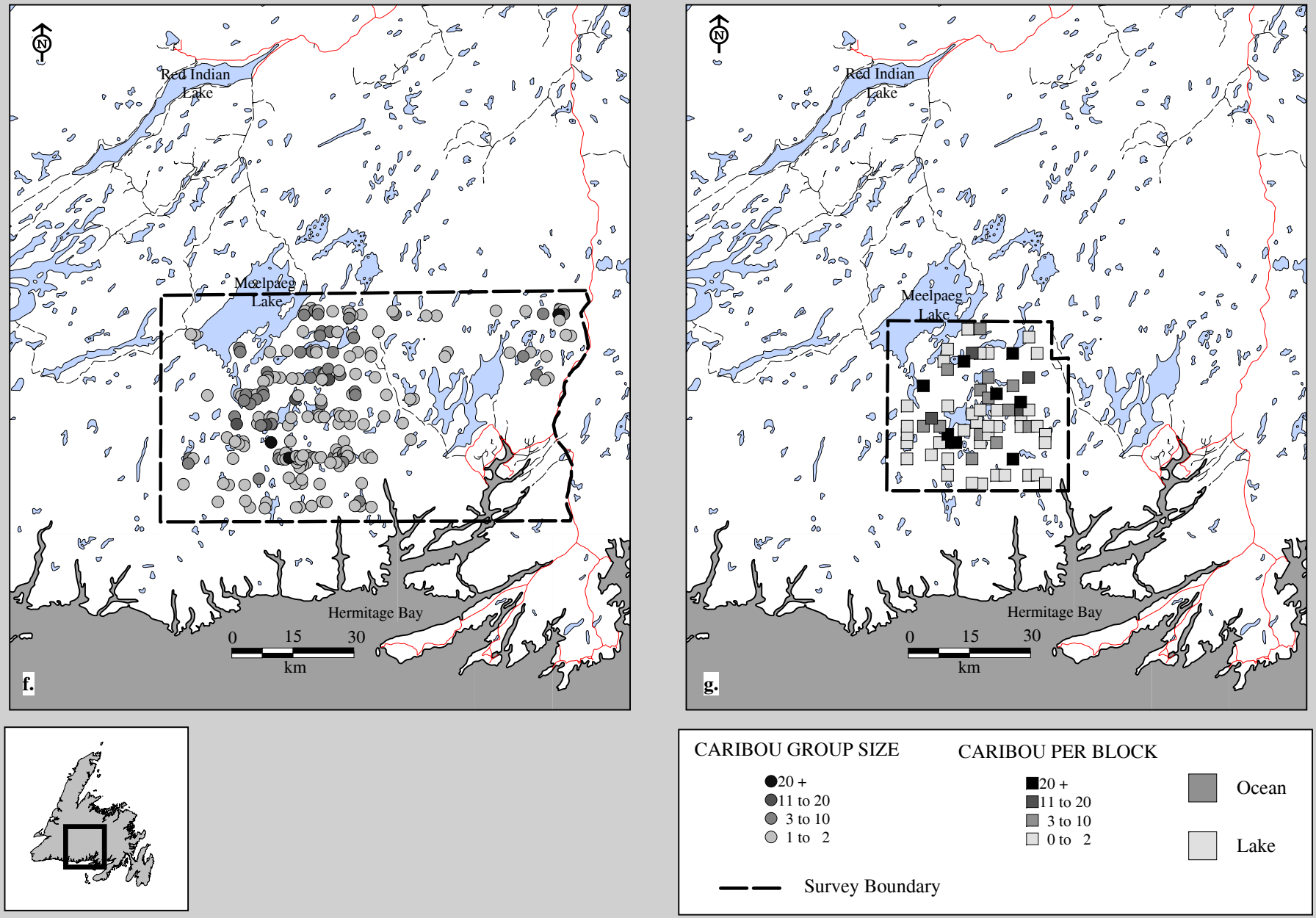
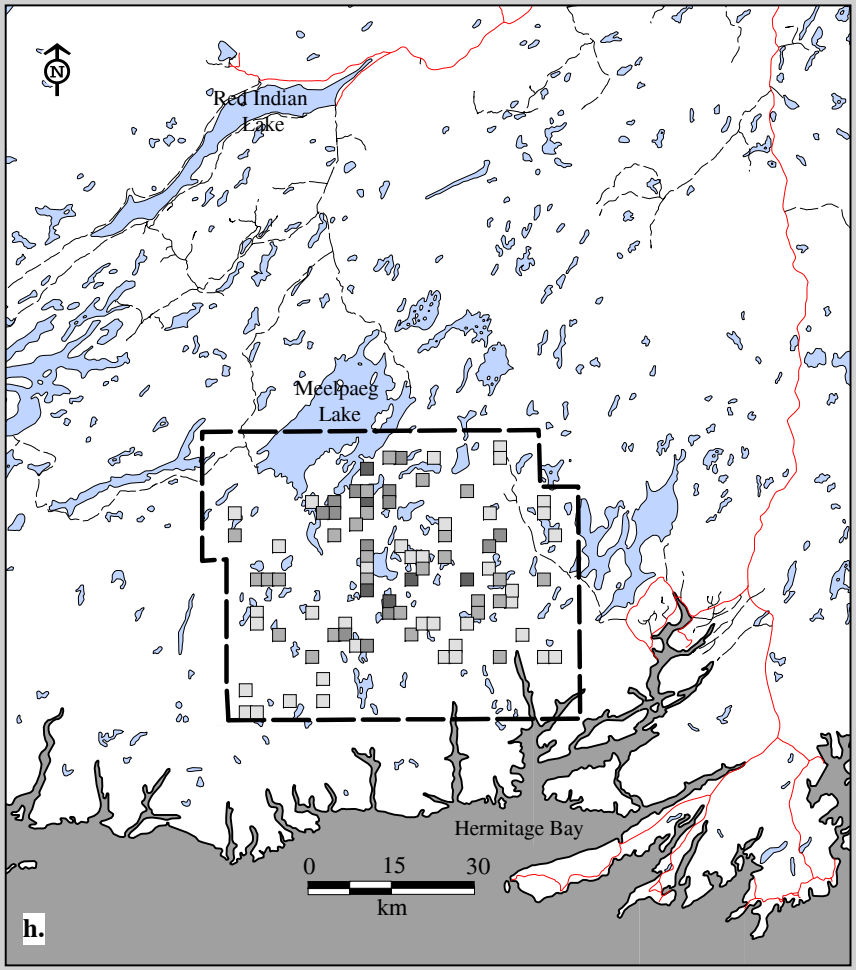


Fig. 14B-13 (con'd). Grey River Caribou Herd f. strip census results, June 1983 (610 caribou observed; population estimate 6,791) and g. random block census results, June 1983 (915 caribou observed; population estimate 5,373).



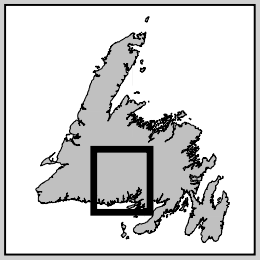
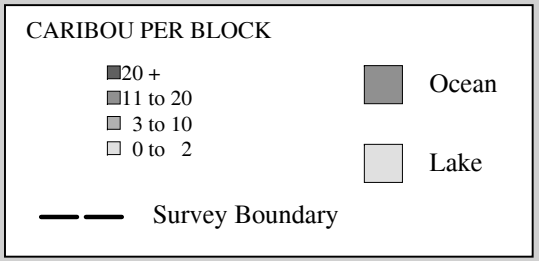
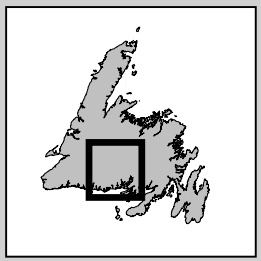


Fig. 14B-13 (con'd). Grey River Caribou Herd random block census results
h. June 1984 (652 caribou observed; population estimate 3,315).





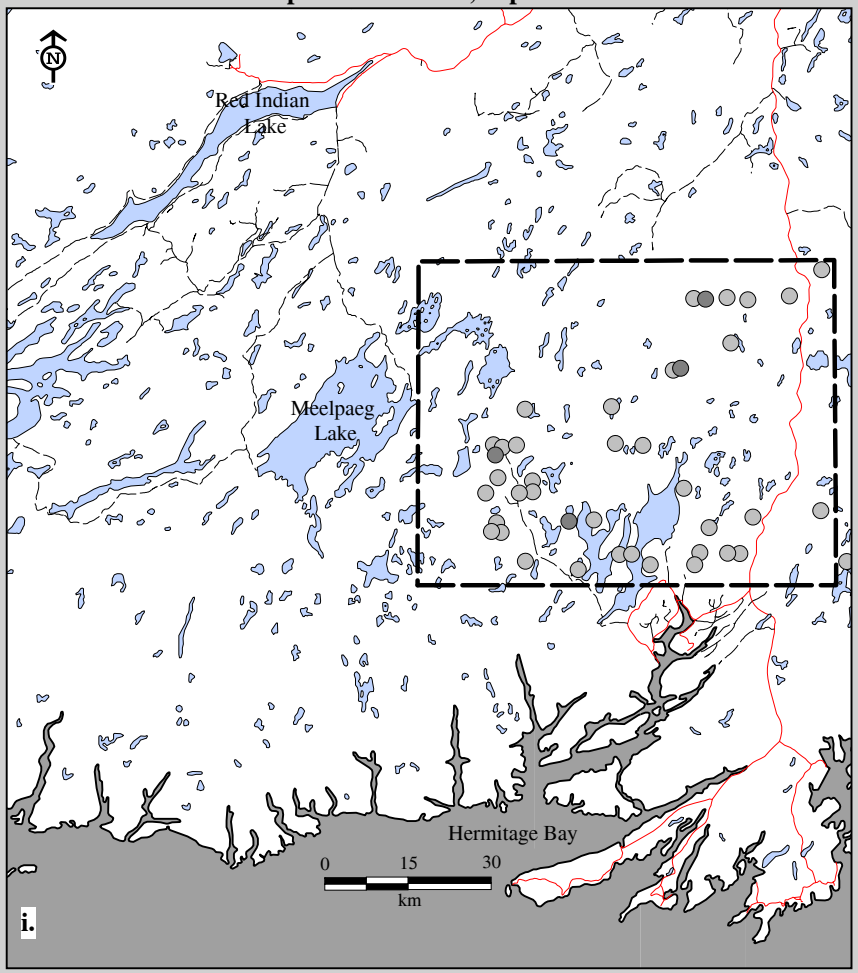


Fig. 14B-13 (con'd). Grey River Caribou Herd strip census results
i. September 1980 (58 caribou observed; population estimate 354).

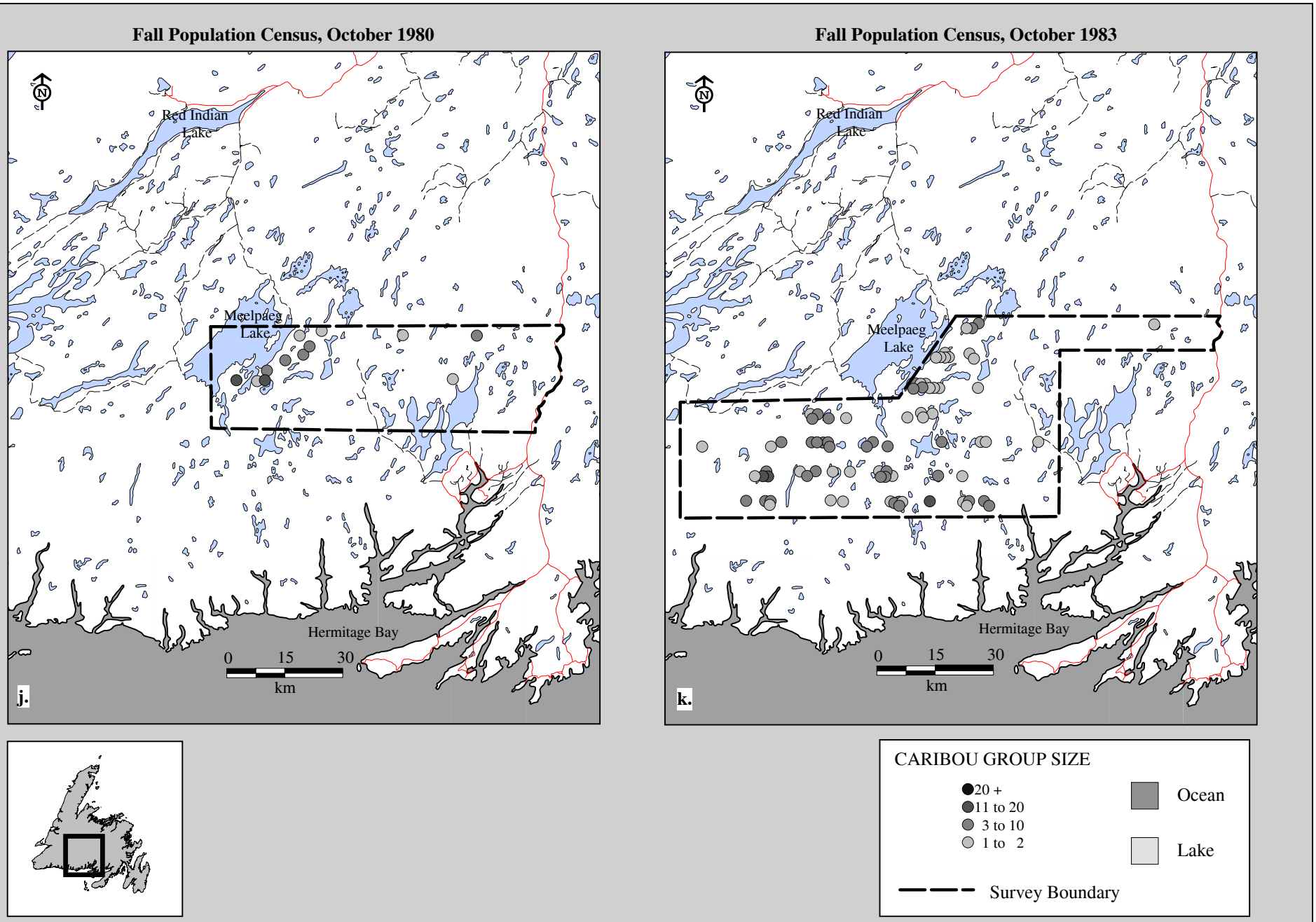
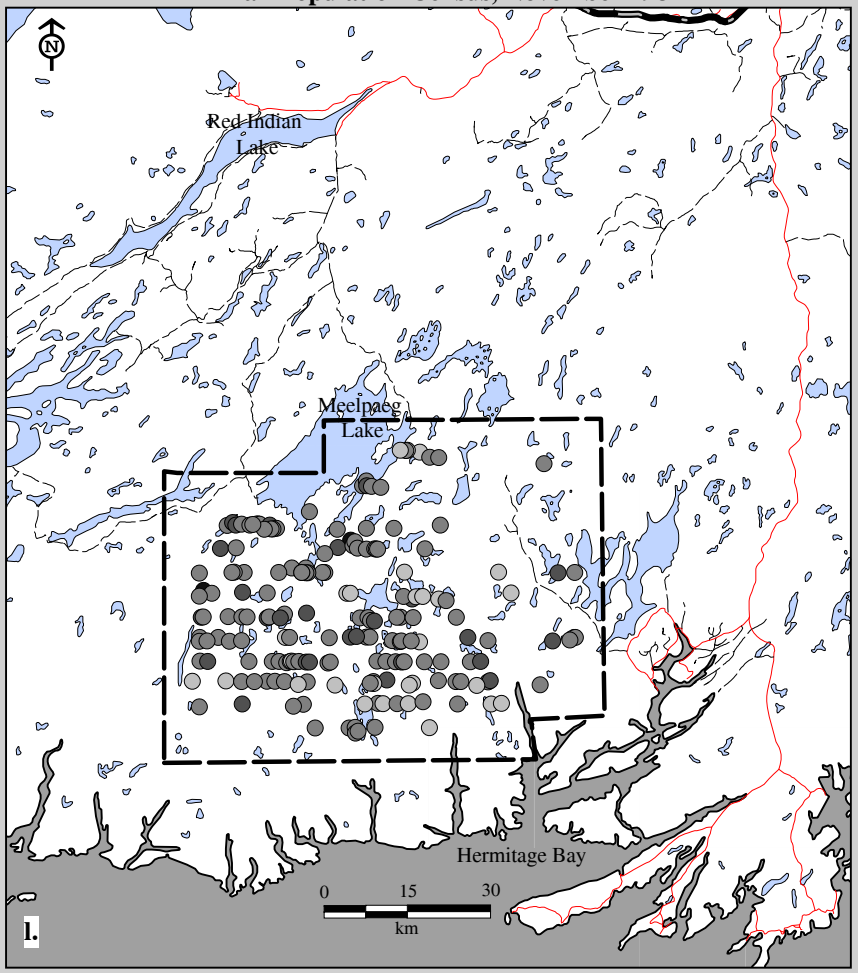


Fig. 14B-13 (con'd). Grey River Caribou Herd strip census results j. October 1980 (60 caribou observed; population estimate 1,175) and k. October 1983 (247 caribou observed; population estimate 5,007).



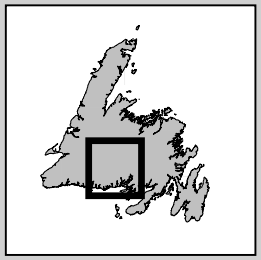


Fig. 14B-13 (con'd). Grey River Caribou Herd l. mark-recapture survey results, November 1987 (1,156 caribou observed; population estimate 10,108)

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

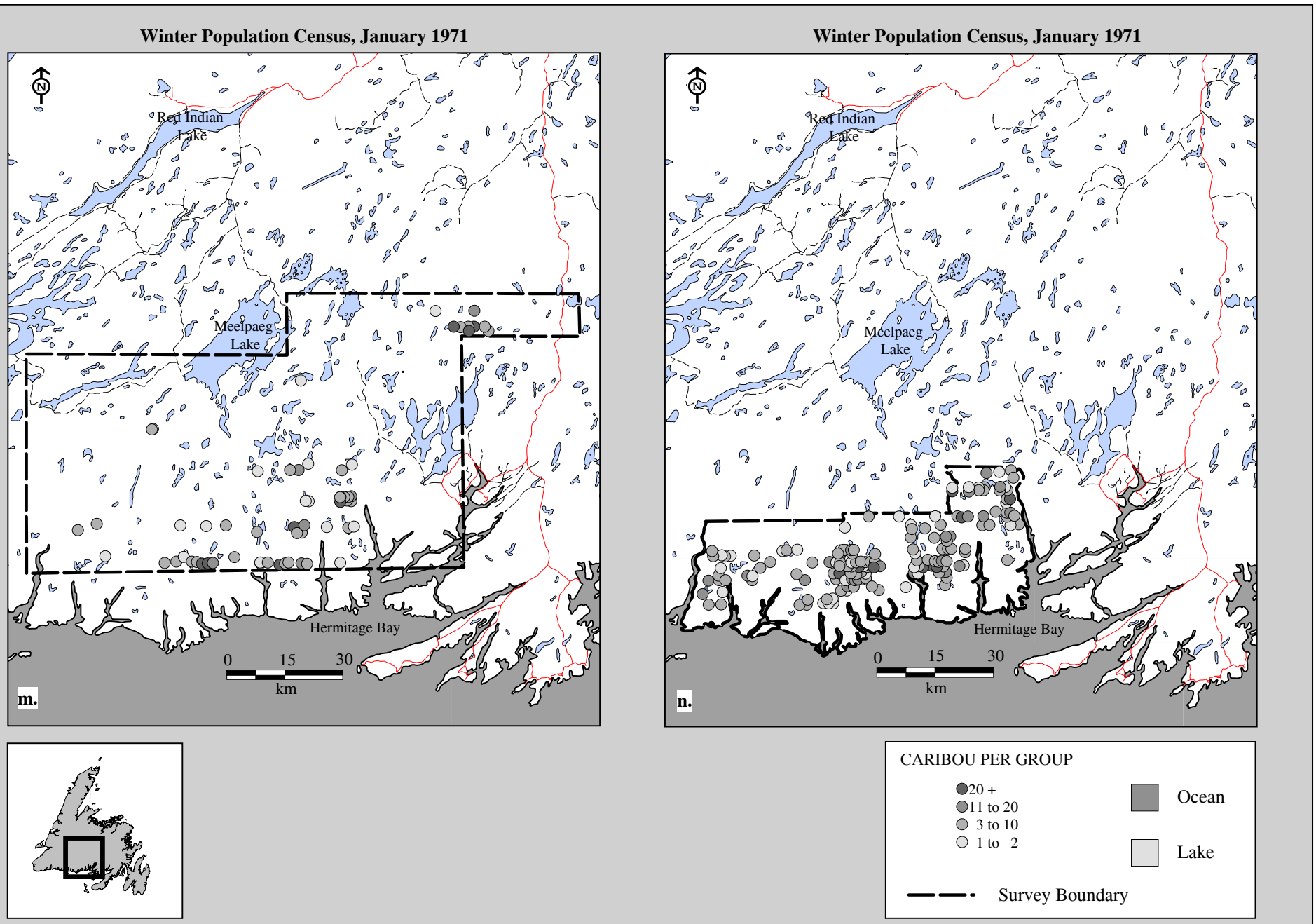


Fig. 14B-13 (con'd). Grey River Caribou Herd strip census results m. January 1971 (776 caribou observed; population estimate 2,494) and n. January 1971 (1,166 caribou observed; population estimate 4,579).

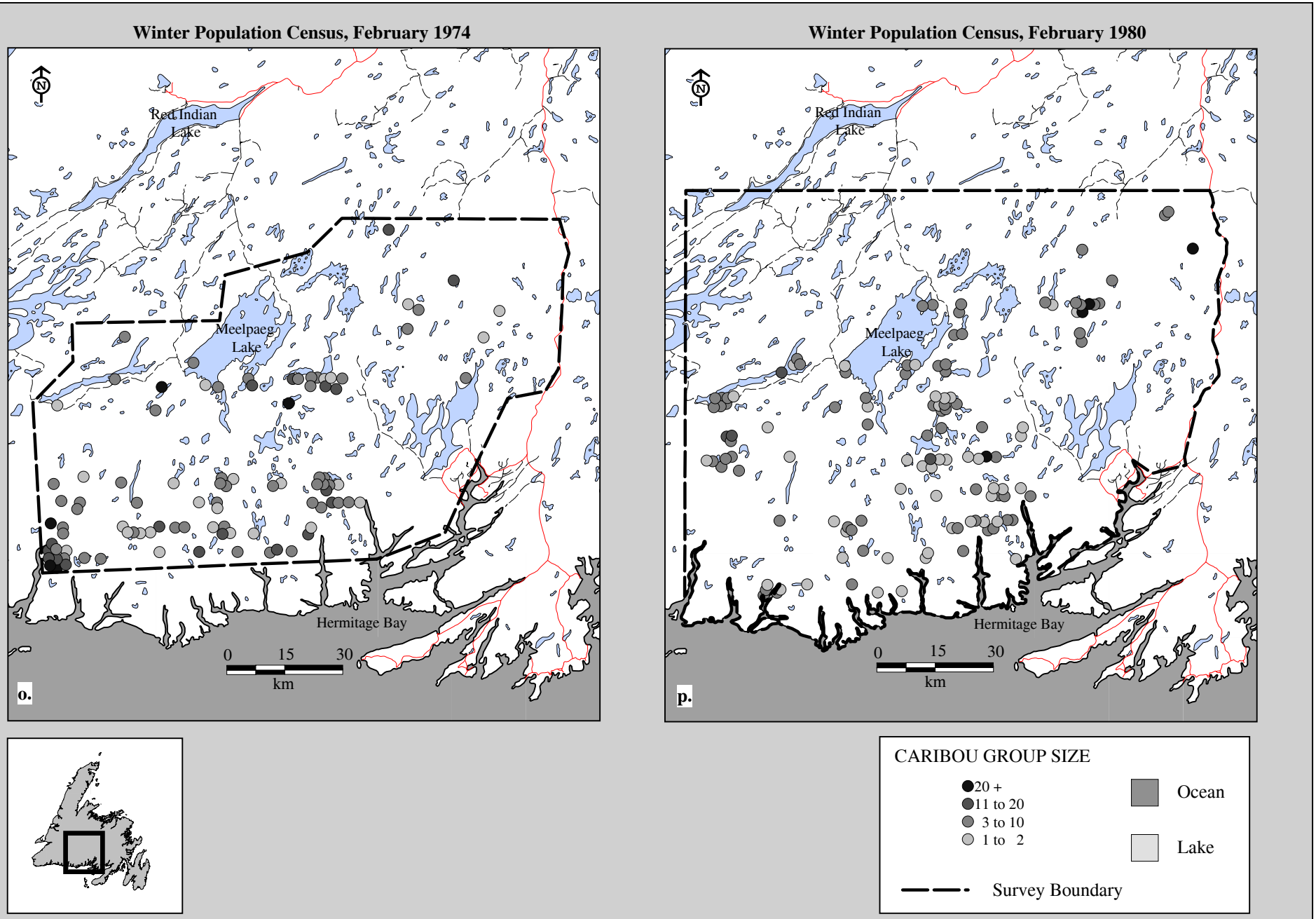
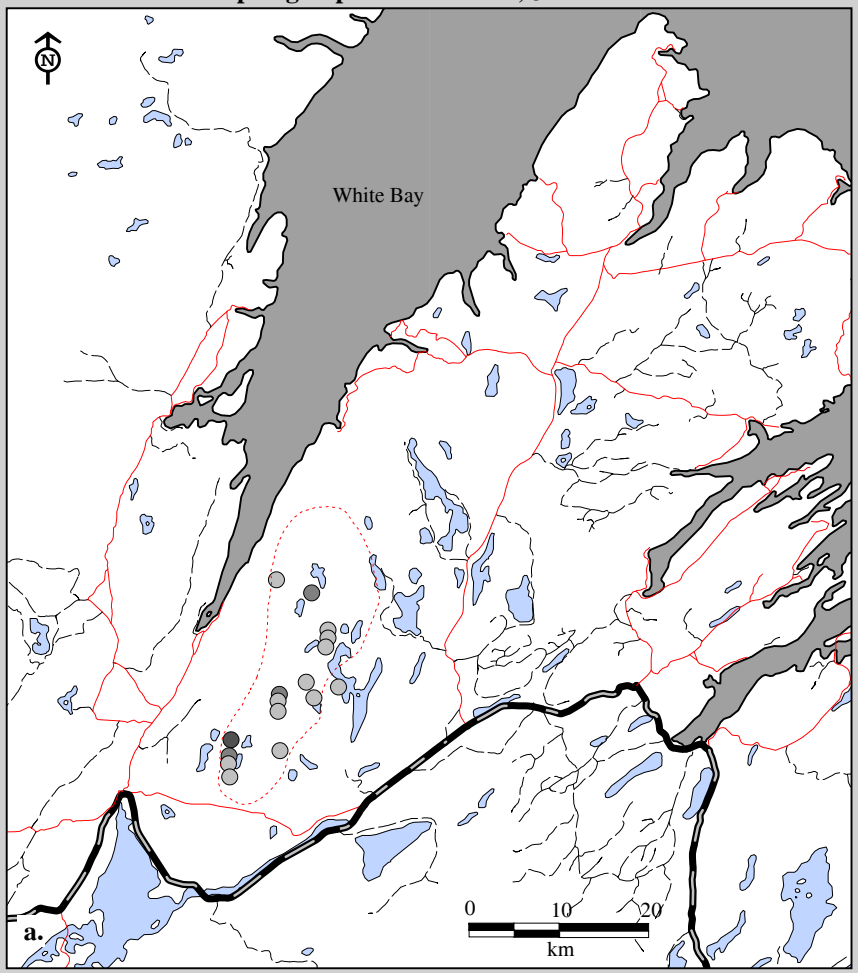


Fig. 14B-13 (con'd). Grey River Caribou Herd strip census results o. February 1974 (685 caribou observed; population estimate 4,020) and p. February 1980 (592 caribou observed; population estimate 6,840).

Spring Population Census, June 1978



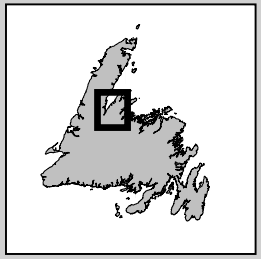


Fig. 14B-14. Hampden Downs Caribou Herd total count results a. June 16, 1978 (47 caribou observed; population estimate 47).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

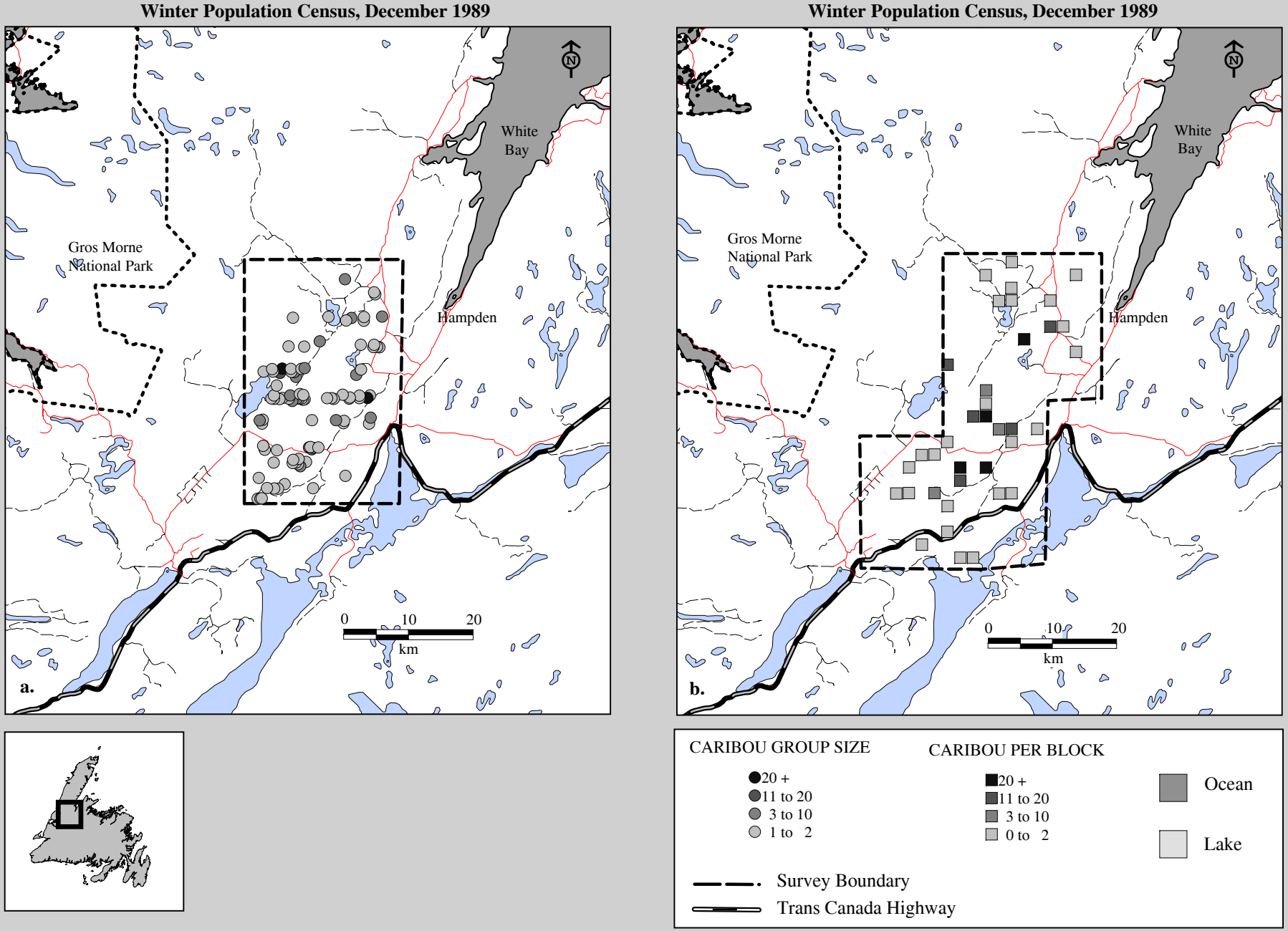
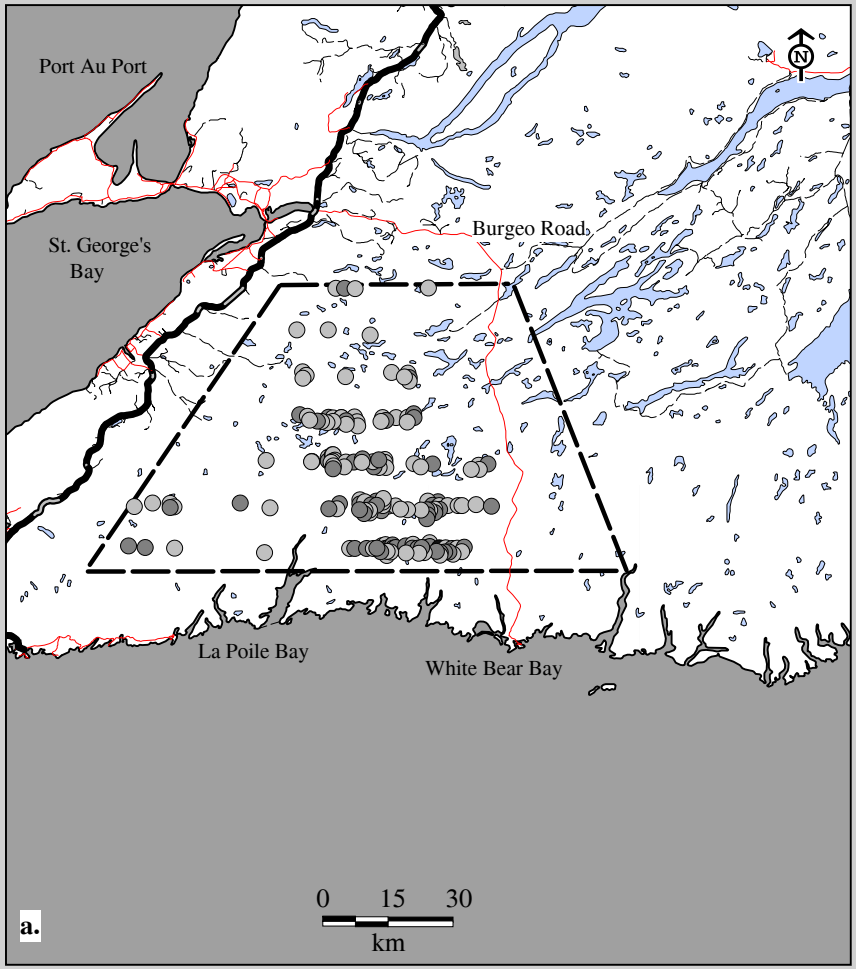


Fig. 14B-15. Humber Caribou Herd a. strip census results, December 1989 (264 caribou observed; population estimate 870) and b. random block census results, December 1989 (310 caribou observed; population estimate 1,817).



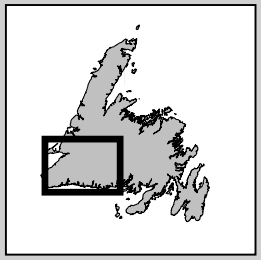


Fig. 14B-16. La Poile Caribou Herd strip census results a. June 10, 1980 (439 caribou observed; population estimate 3,638).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

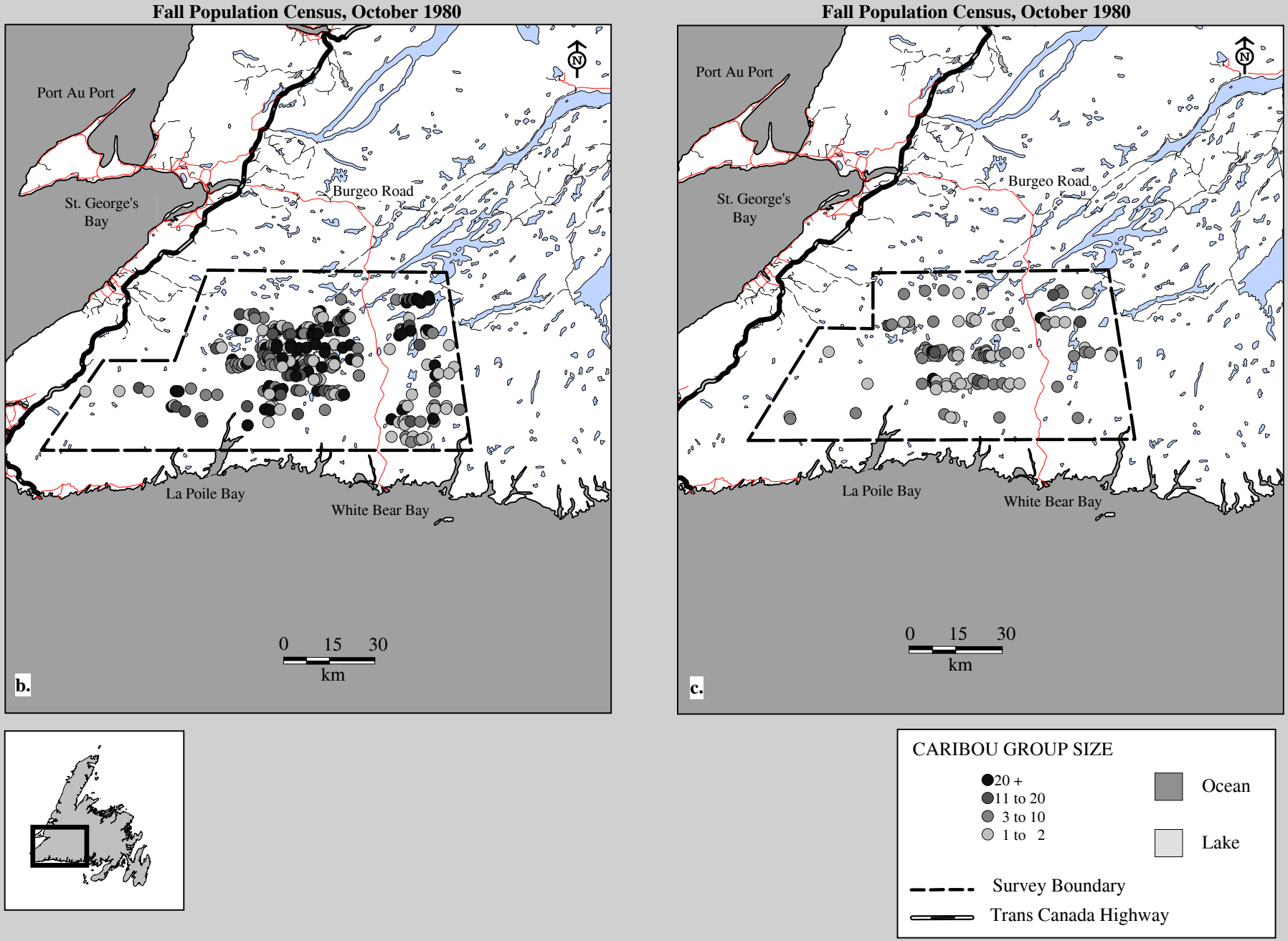


Fig. 14B-16 (con'd). La Poile Caribou Herd strip census results b. October 1980 (791 caribou observed; population estimate 3,233) and c. October 1980 (448 caribou observed; population estimate 1,503).

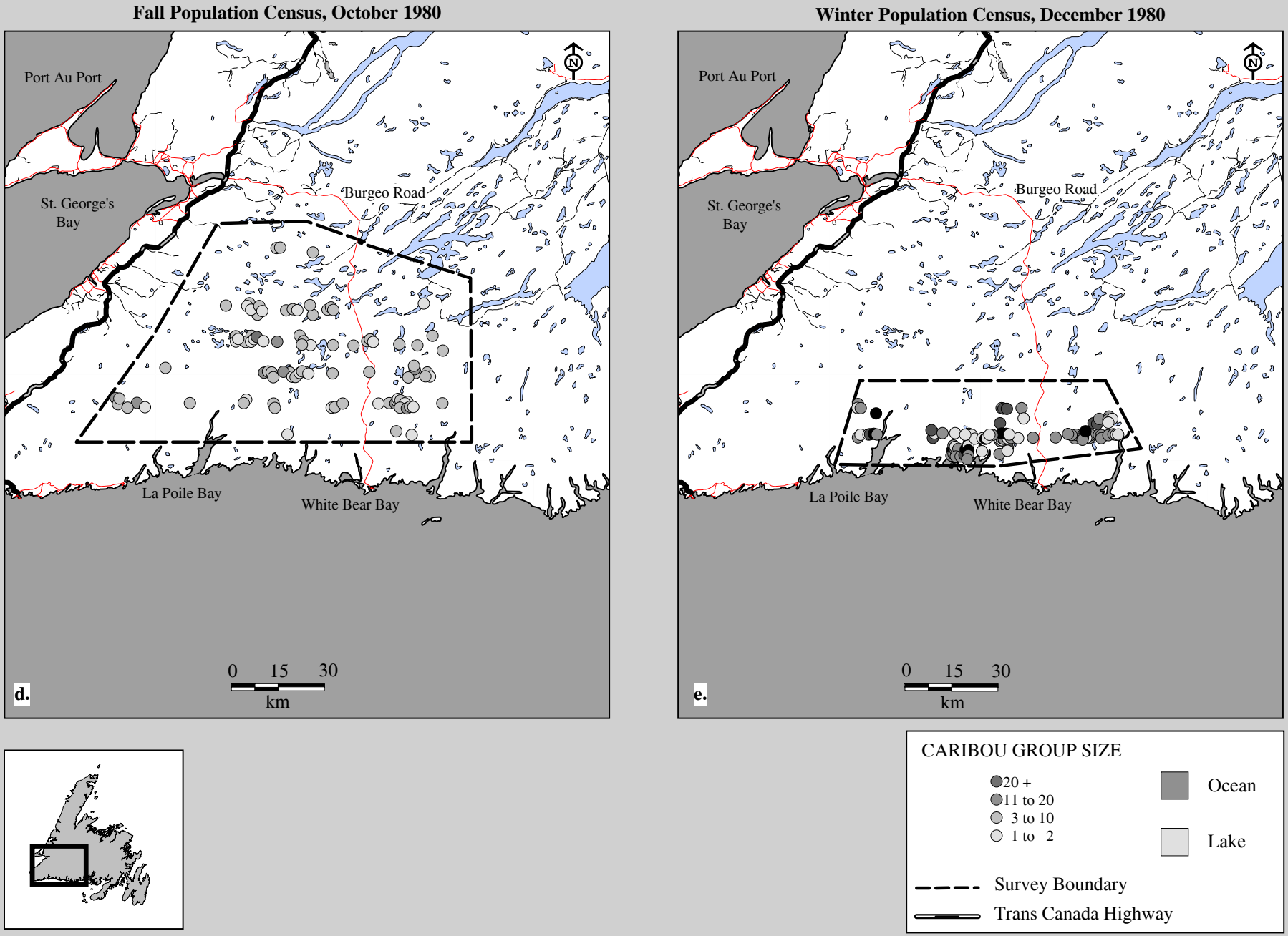


Fig. 14B-16 (con'd). La Poile Caribou Herd strip census results d. October 28, 1980 (478 caribou observed; population estimate 1,557) and e. December 1980 (744 caribou observed; population estimate 3,067).

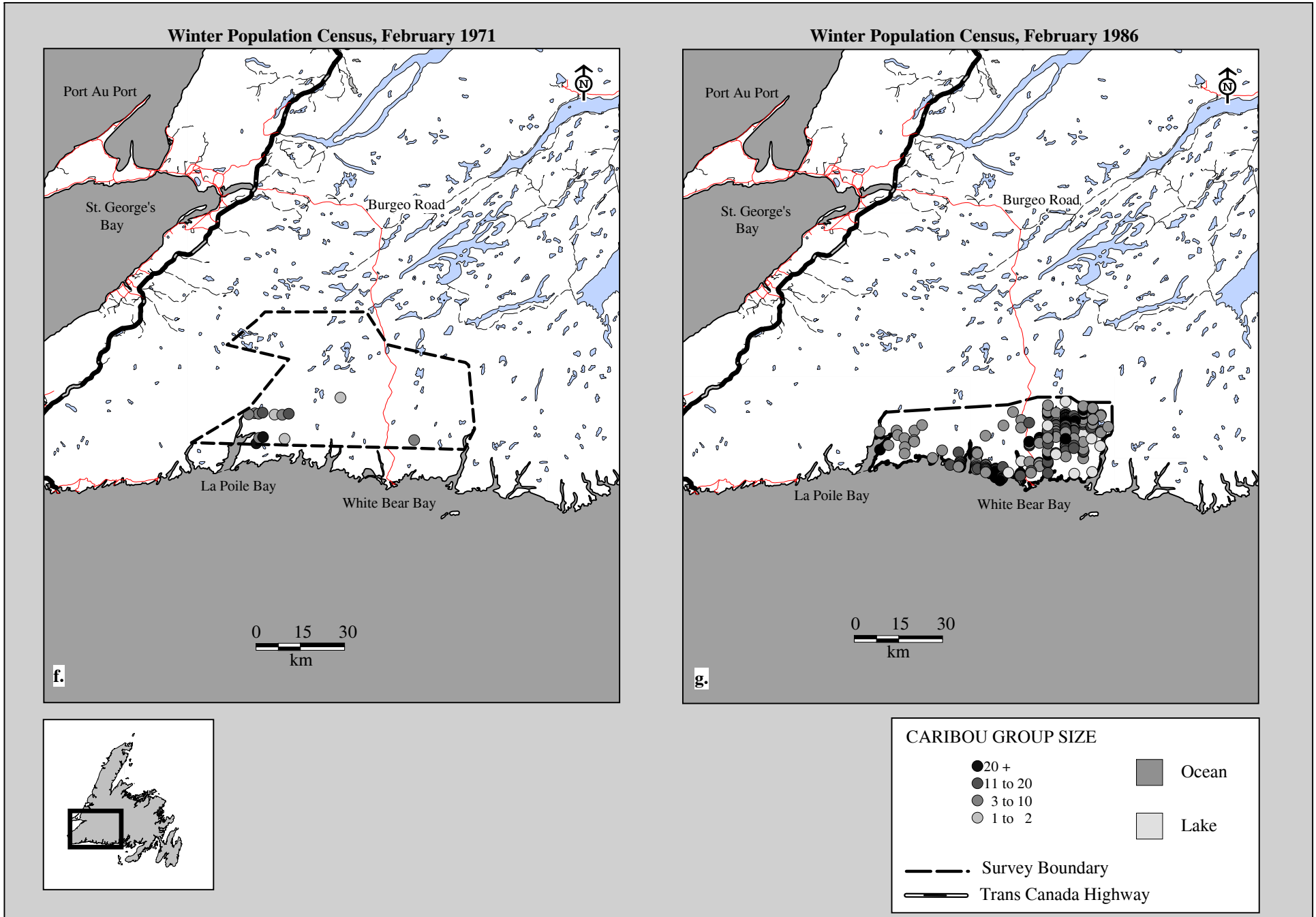


Fig. 14B-16 (con'd). La Poile Caribou herd strip census results f. February 1971 (304 caribou observed; population estimate 2,304) and g. February 1986 (2,620 caribou observed; population estimate 8,856).

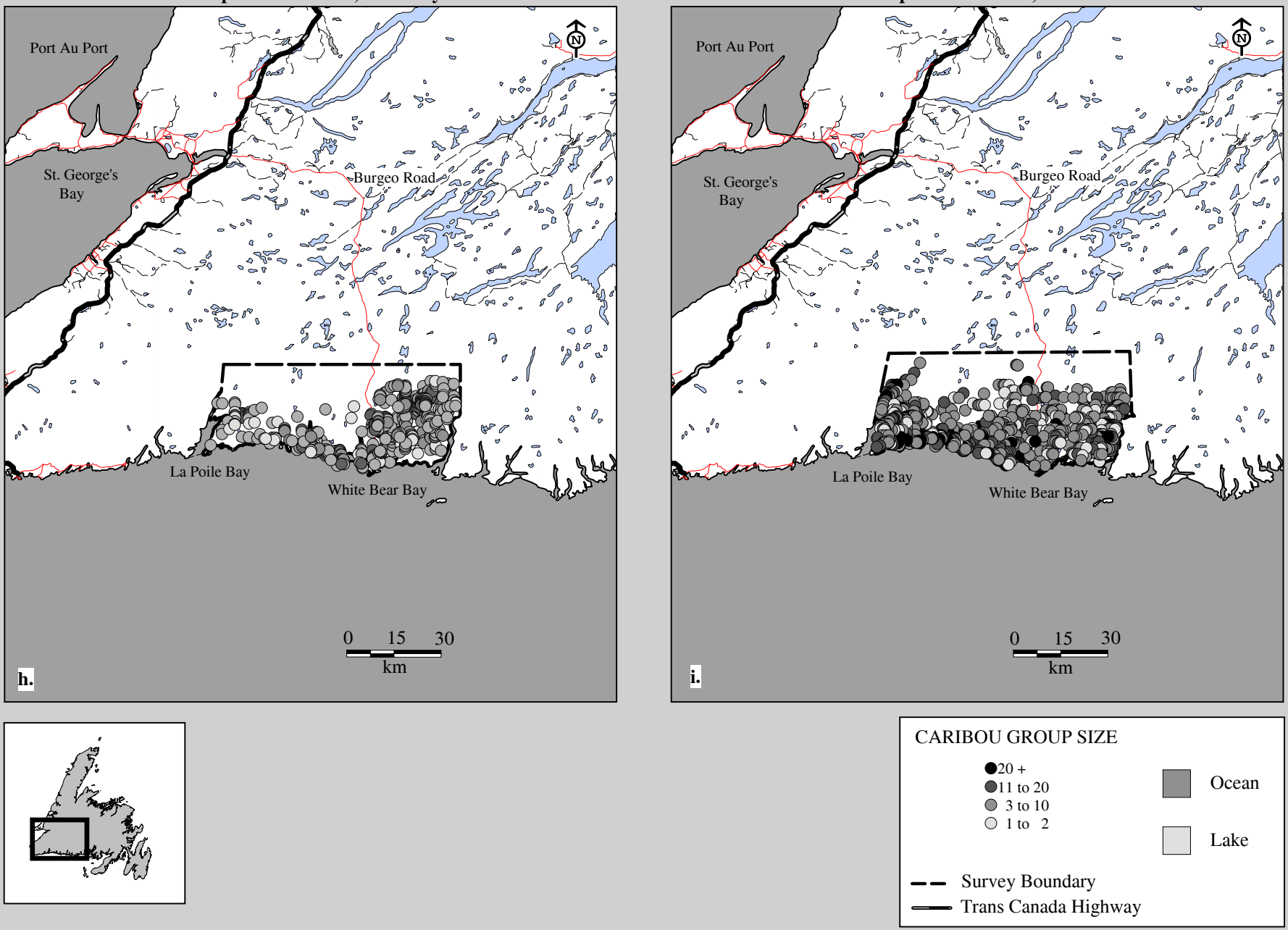
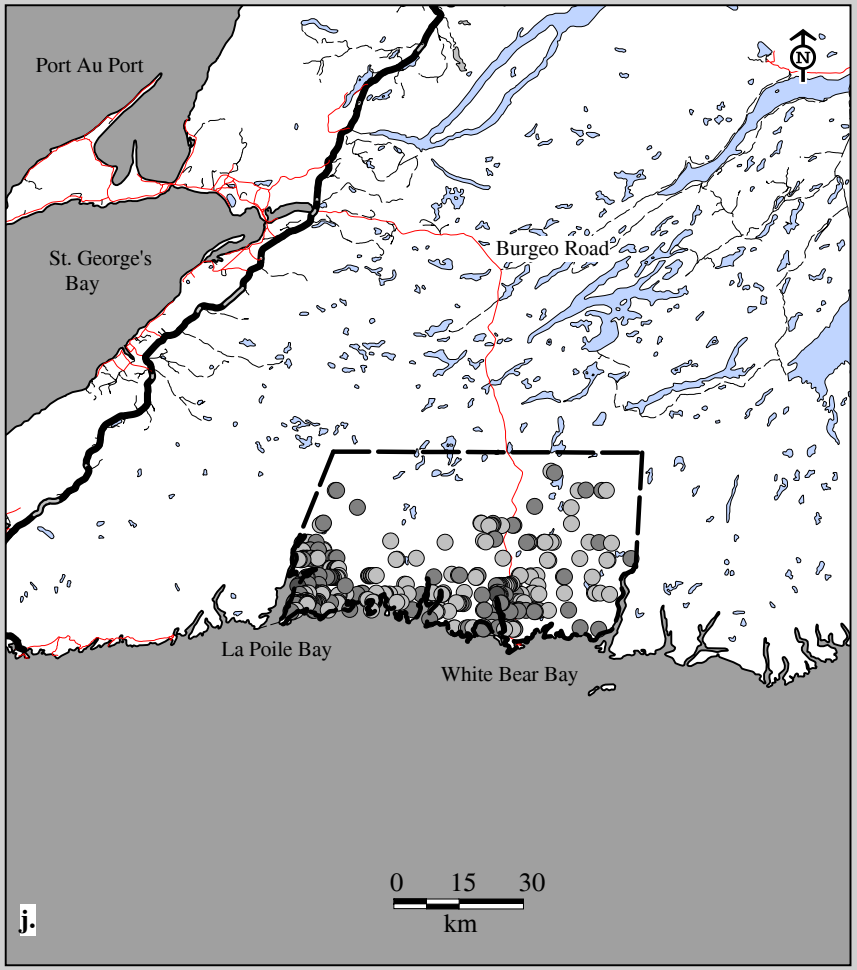


Fig. 14B-16 (con'd). La Poile Caribou Herd strip census results h. February 1986 (4,771 caribou observed; population estimate 14,456) and i. Mark-Recapture census results, March 1988 (8,163 caribou observed; population estimate 9,559).

Winter Population Census, March 1992



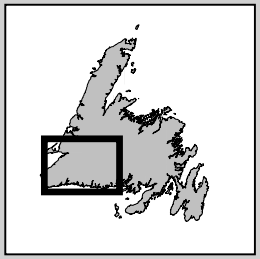


Fig. 14B-16 (con'd). La Poile Caribou Herd mark-recapture census results j. March 1992 (1,389 caribou observed; population estimate 8,853).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

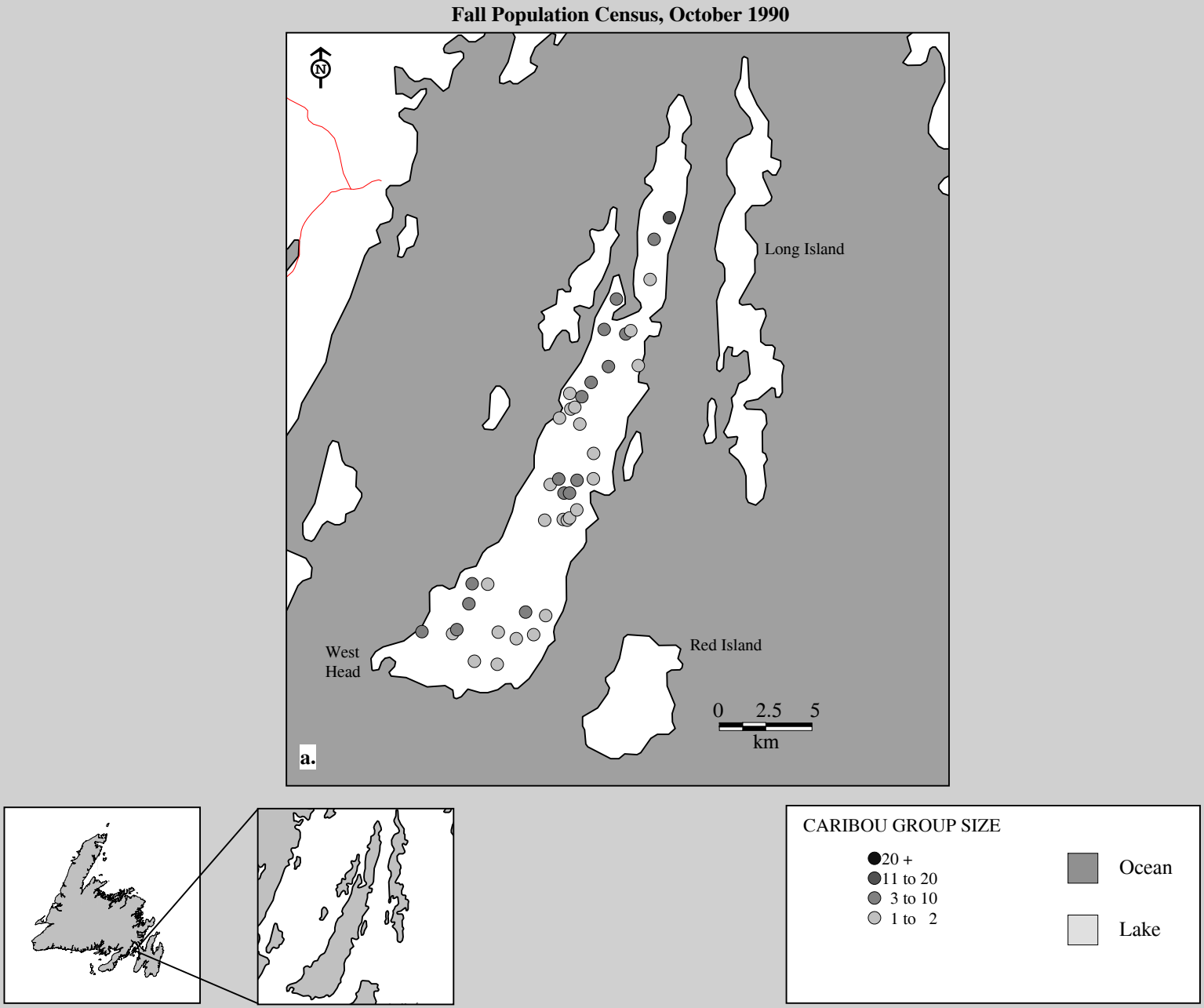


Fig. 14B-17. Merasheen Island Caribou Herd total count results a. October 1990 (118 caribou observed; population estimate 118).

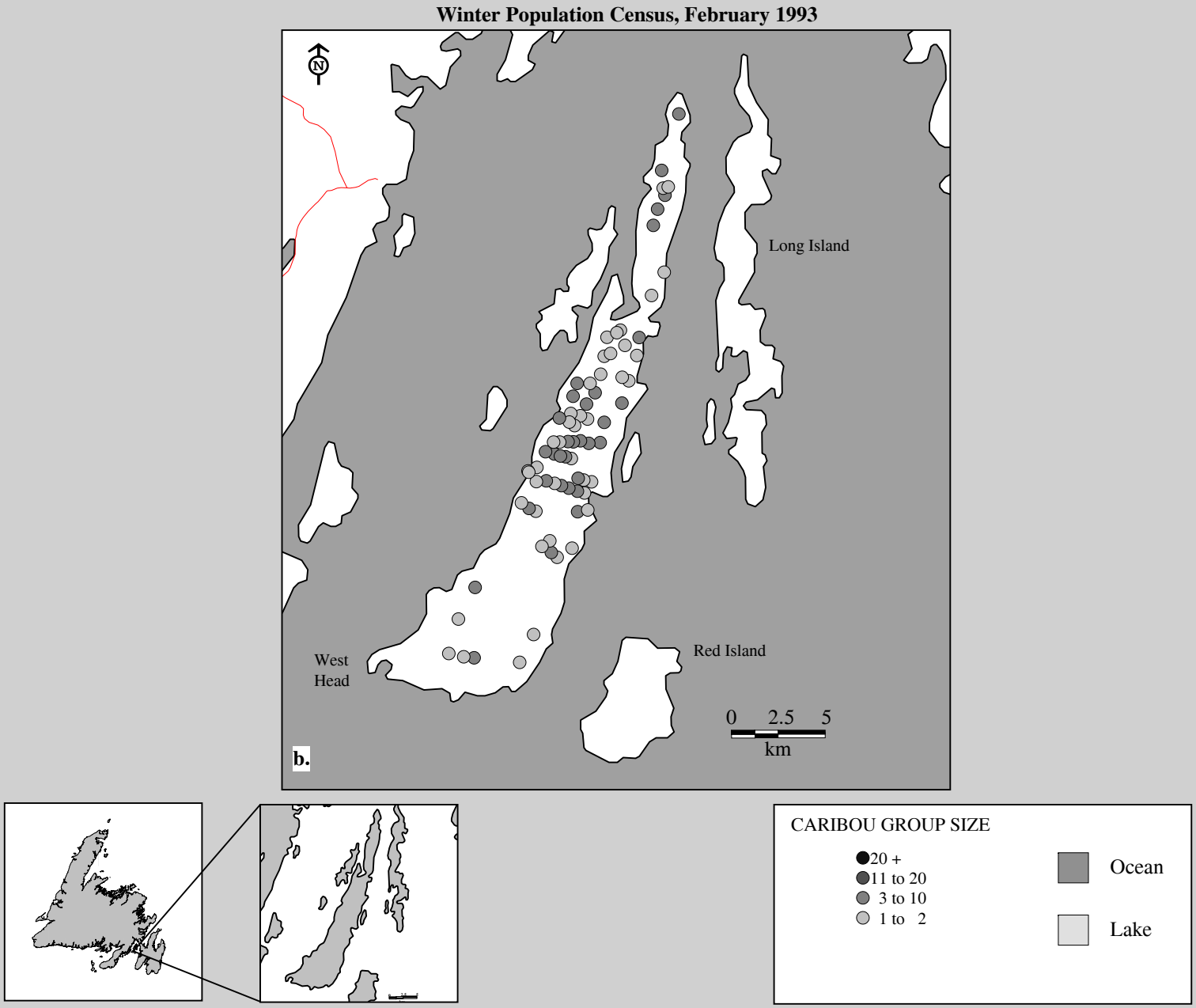


Fig. 14B-17 (con'd). Merasheen Island Caribou Herd partial count results b. February 1993 (197 caribou observed; population estimate 300).

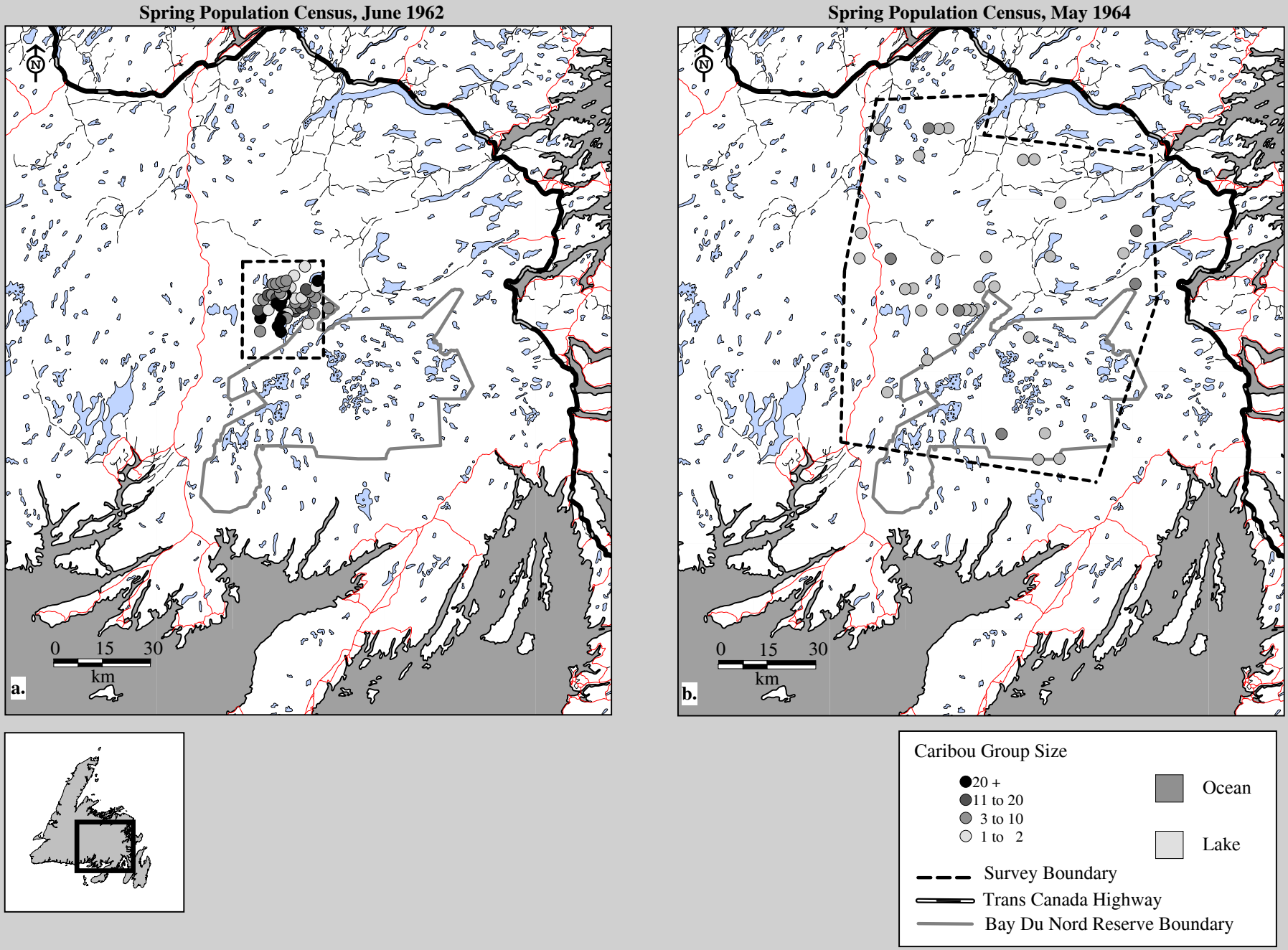


Fig. 14B-18. Middle Ridge Caribou Herd a. total count results, June 1962 (505 caribou observed; population estimate 505) b. strip census results, May 1964 (59 caribou observed; population estimate 450).

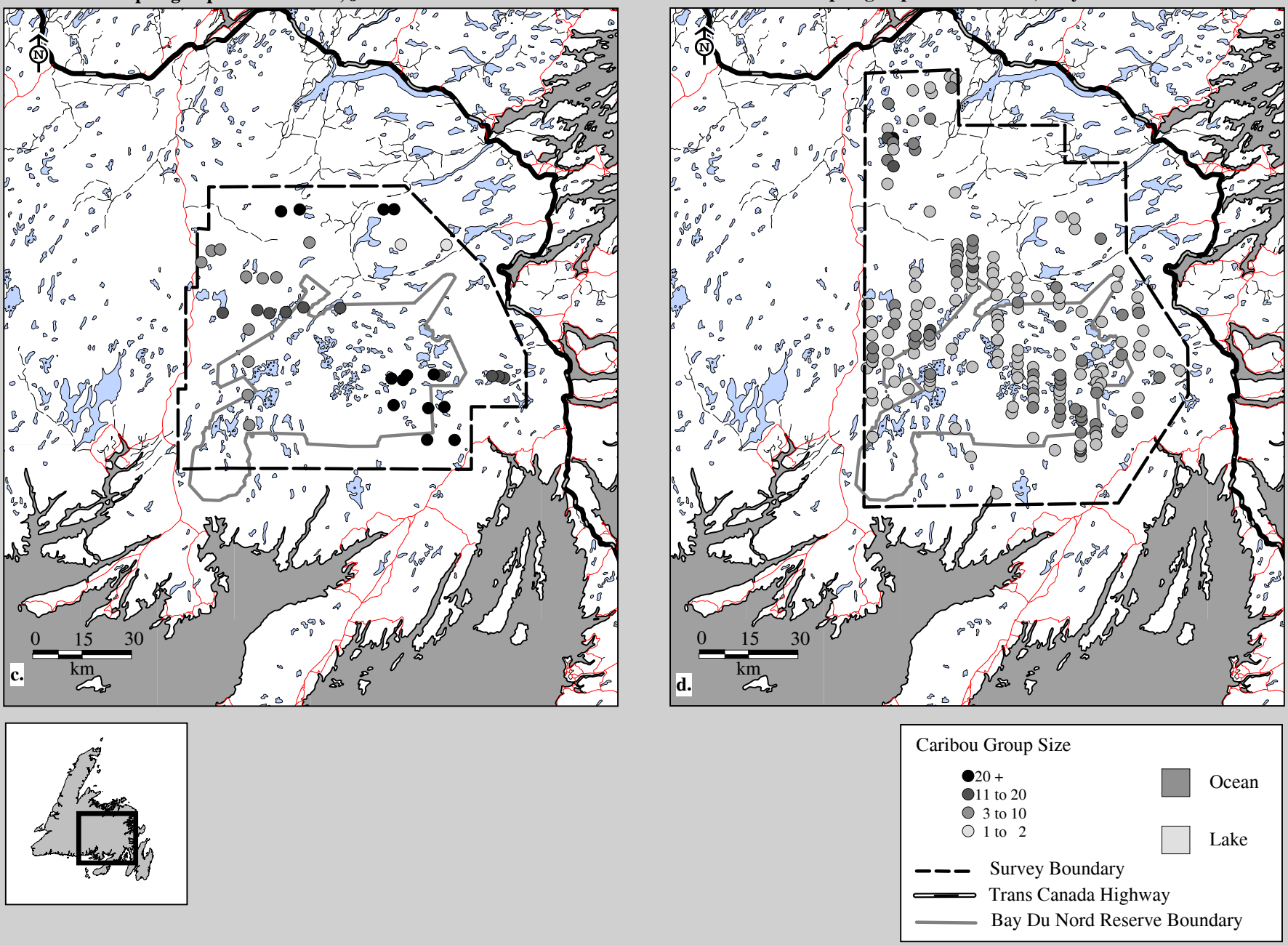


Fig. 14B-18 (con'd). Middle Ridge Caribou Herd strip census results c. June 1979 (570 caribou observed; population estimate 3,000) and d. May 1981 (452 caribou observed; population estimate 2,371).

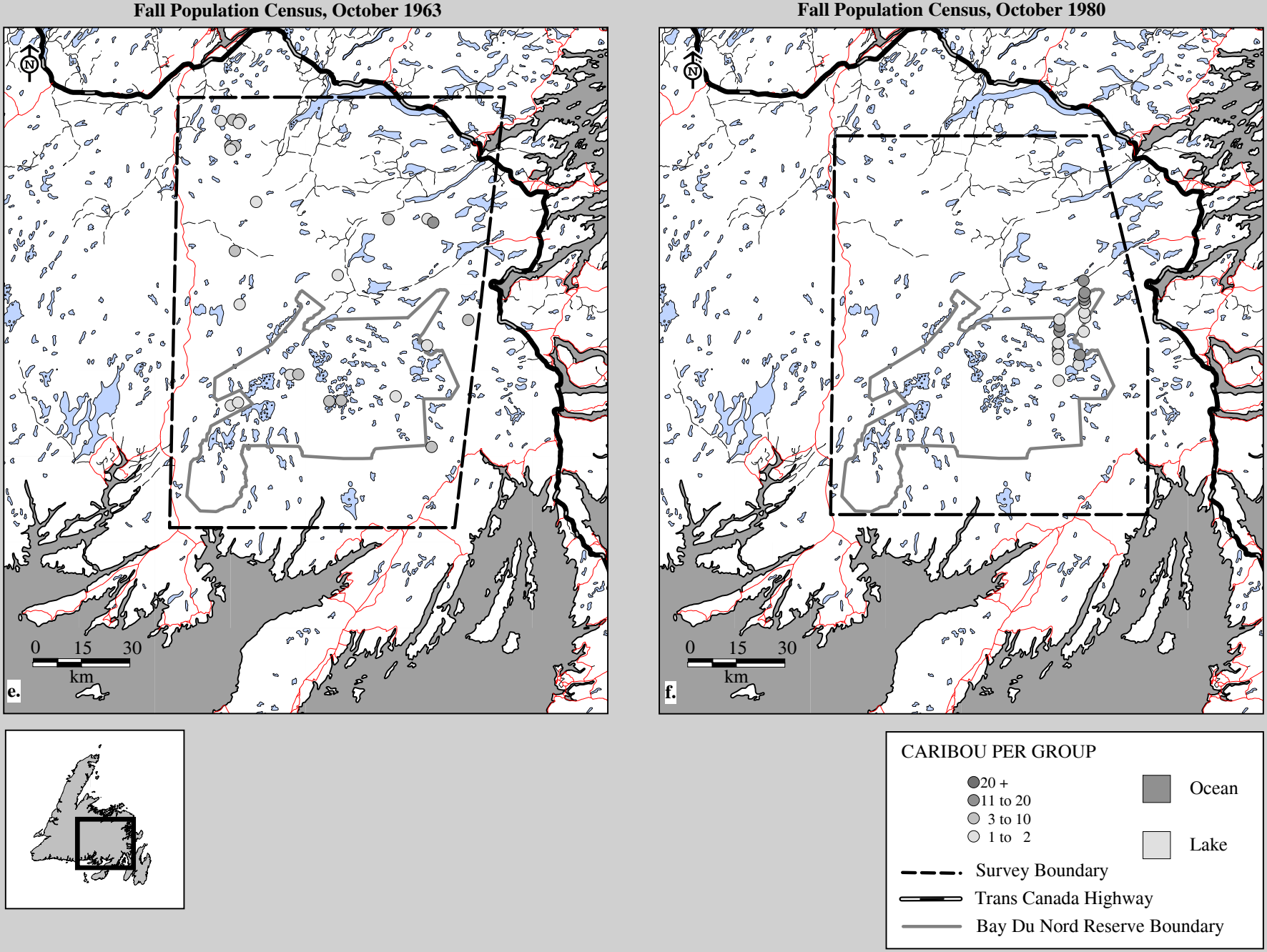


Fig. 14B-18 (con'd). Middle Ridge Caribou Herd strip census results e. October 1963 (101 caribou observed; population estimate 221) and f. October 25, 1980 (55 caribou observed; population estimate 379).

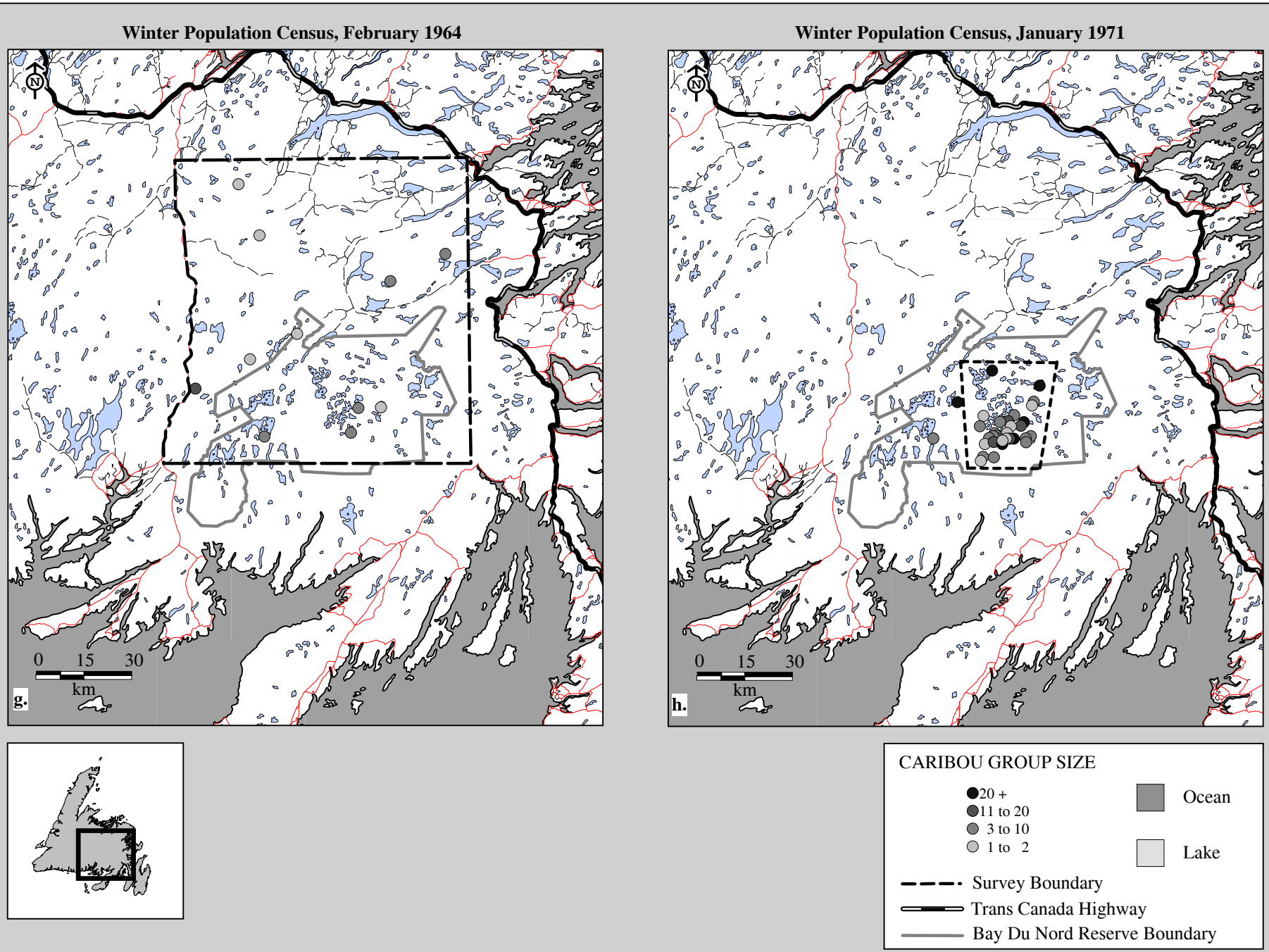


Fig. 14B-18 (con'd). Middle Ridge Caribou Herd strip census results g. February 1964 (53 caribou observed; population estimate 415) and h. January 1971 (293 caribou observed; population estimate 3,000).

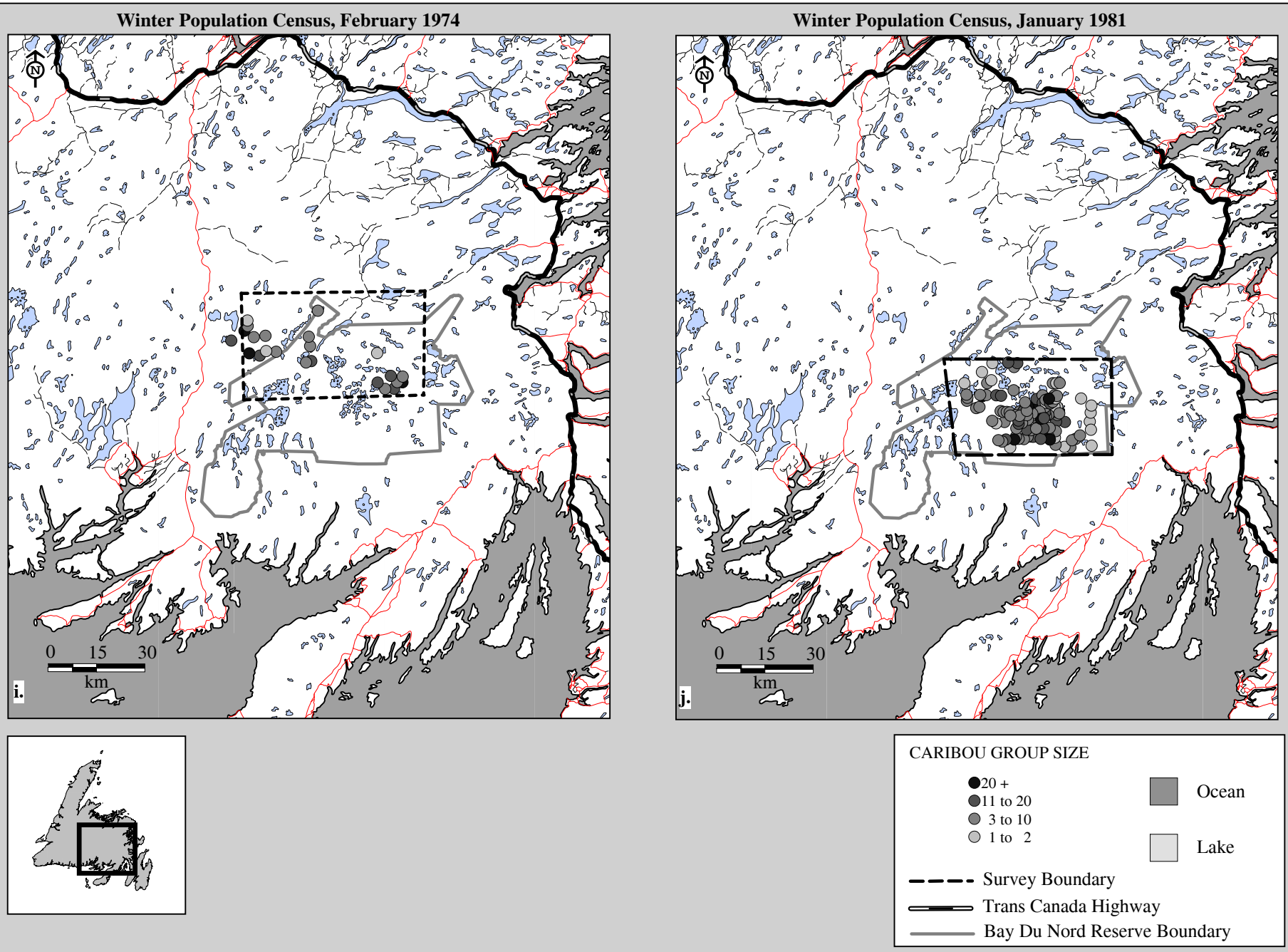


Fig. 14B-18 (con'd). Middle Ridge Caribou Herd strip census results i. February 1974 (178 caribou observed; population estimate 649) and j. January 1981 (1,133 caribou observed; population estimate 3,098).

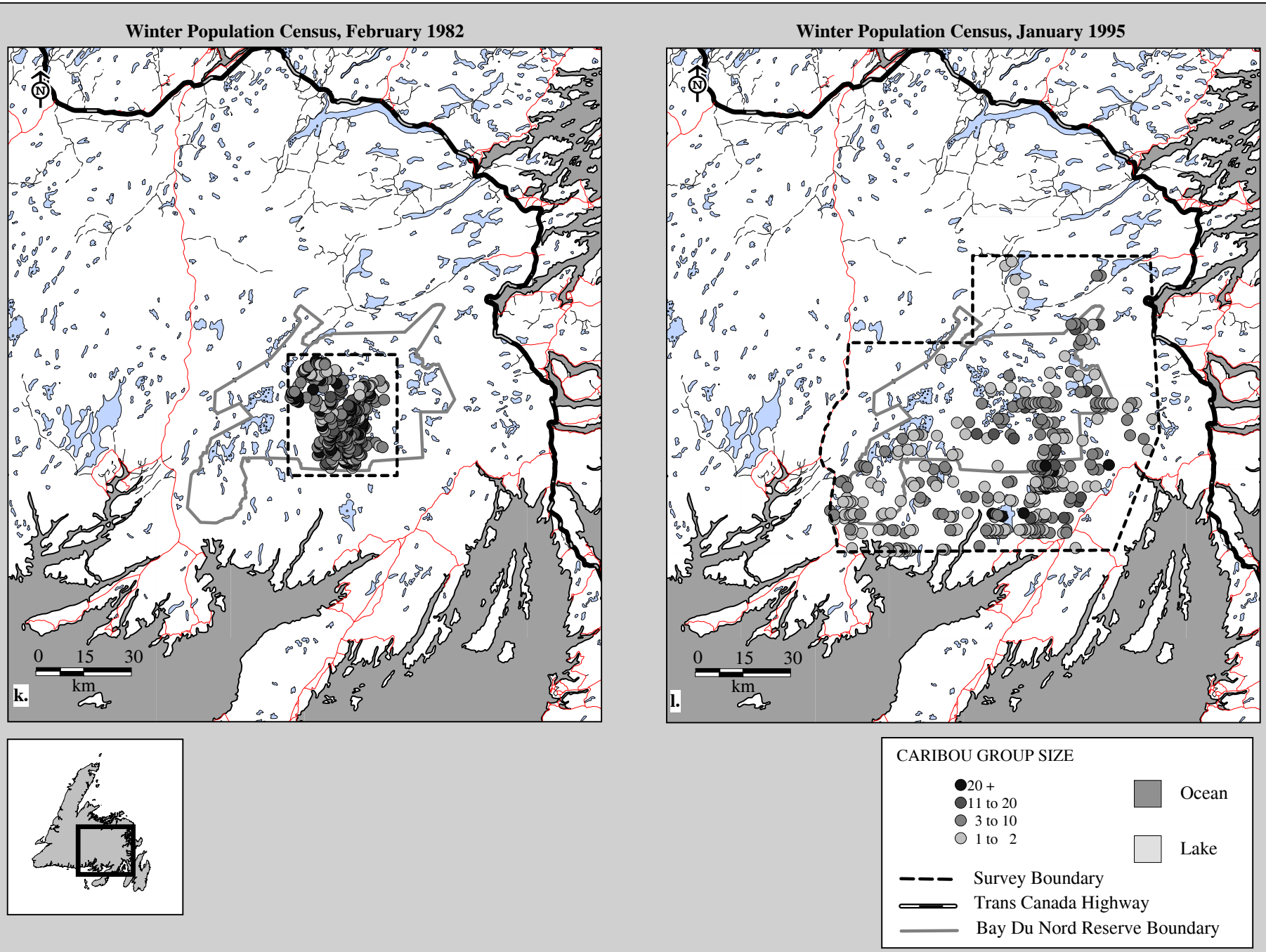


Fig. 14B-18 (con'd). Middle Ridge Caribou Herd k. total count results, February 1982 (3,960 caribou observed; population estimate 3,960) and l. strip census results, January 1995 (1,387 caribou observed; population estimate 6,874).

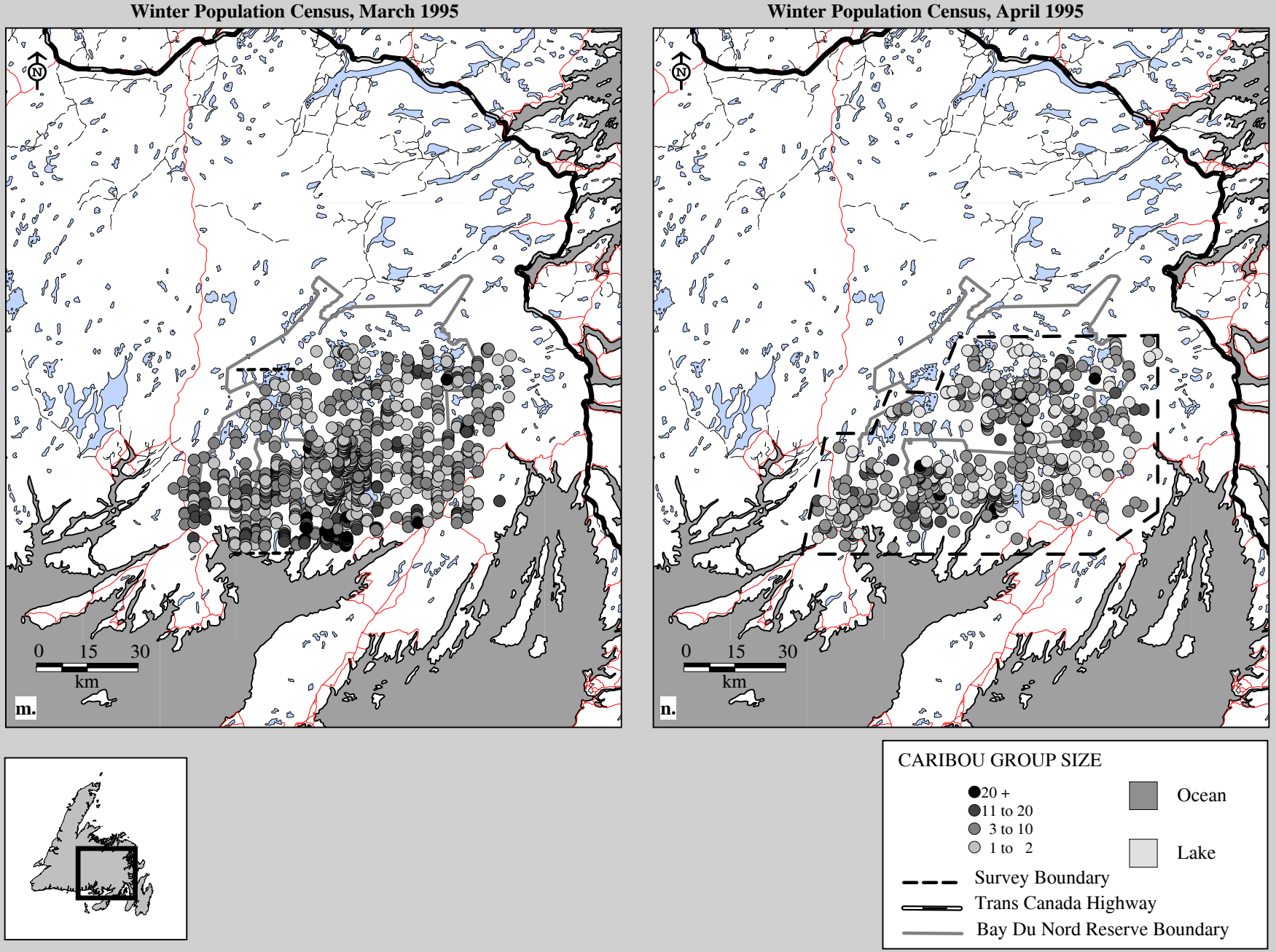


Fig. 14B-18 (con'd). Middle Ridge Caribou Herd m. mark-recapture census results, March 1995 (5,271 caribou observed; population estimate 19,765) and n. strip census results, April 1995 (2,368 caribou observed; population estimate 4,372).

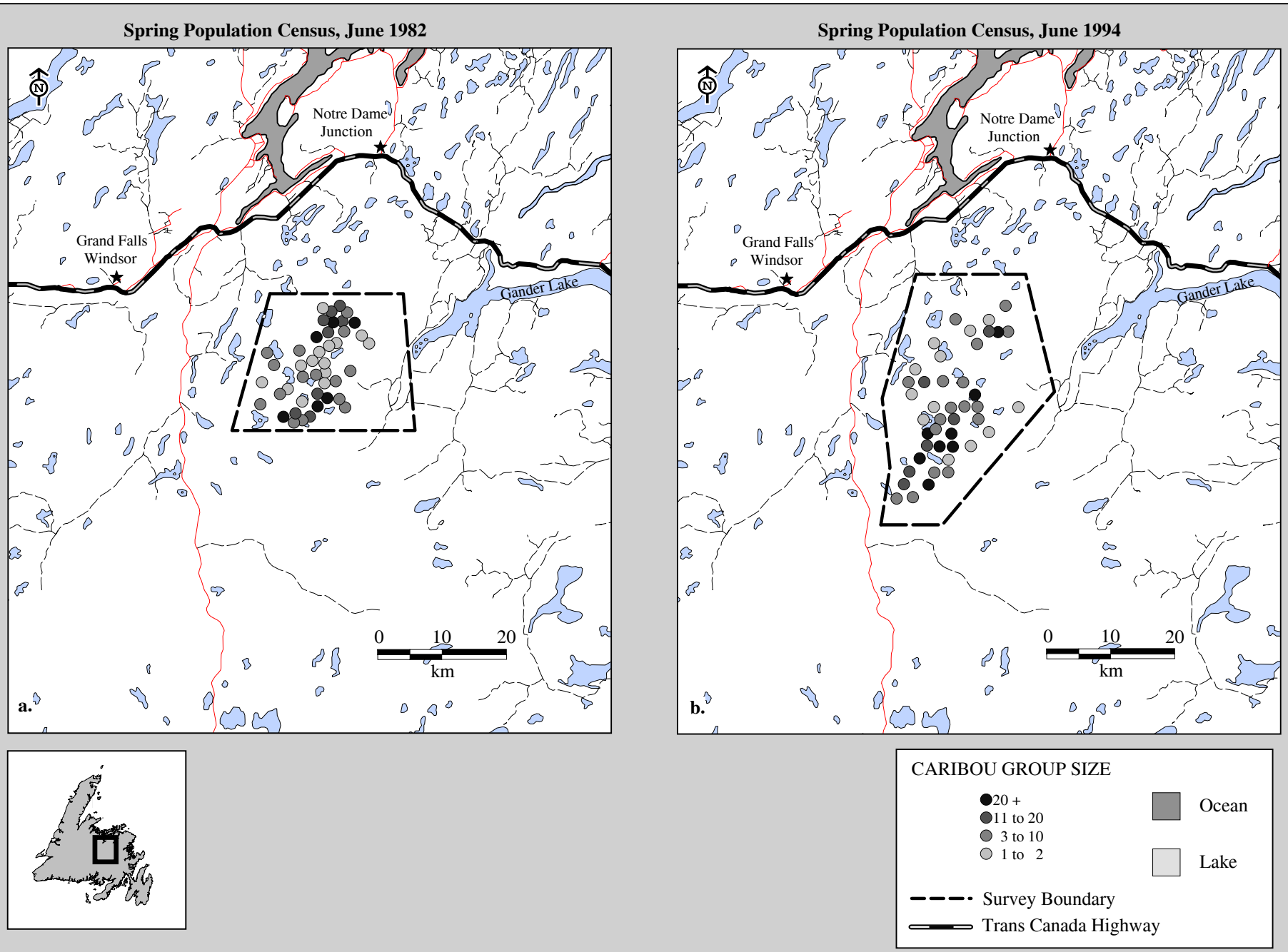
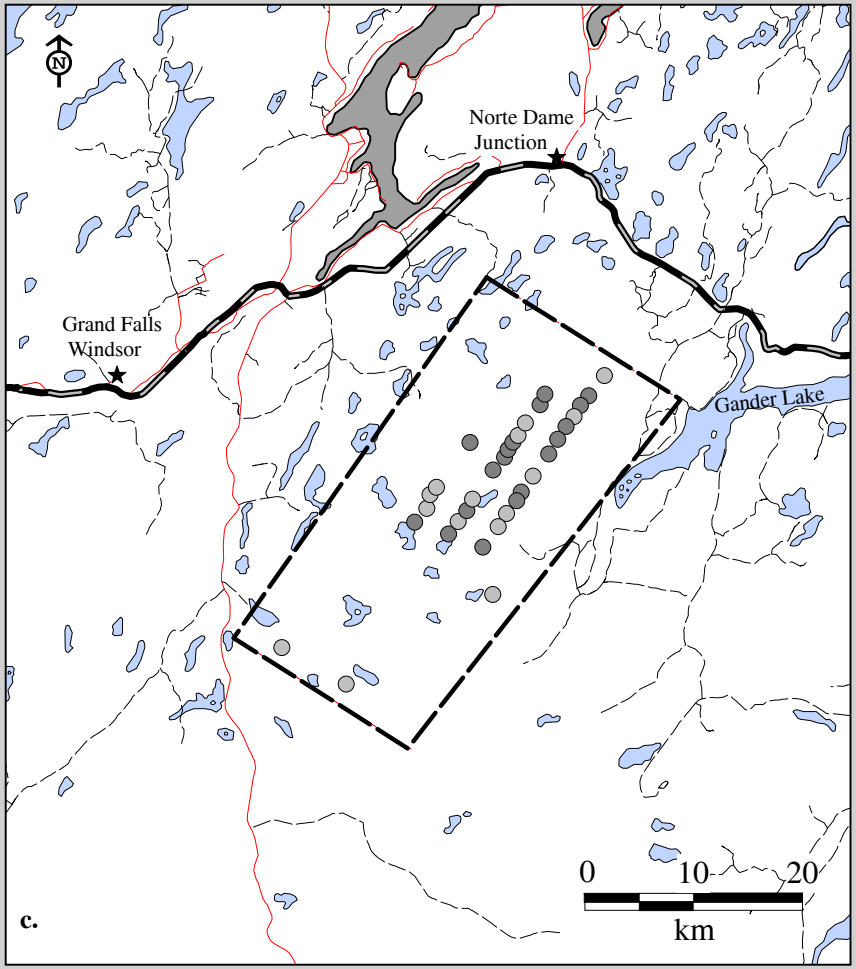


Fig. 14B-19. Mount Peyton Caribou Herd strip census results a. June 1982 (437 caribou observed; population estimate 875) and b. June 1994 (538 caribou observed; population estimate 1,047).

Fall Population Census, October 1980



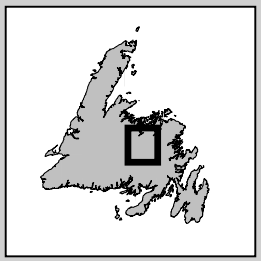


Fig. 14B-19 (con'd). Mount Peyton Caribou Herd strip census results c. October 1980 (103 caribou observed; population estimate 449).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

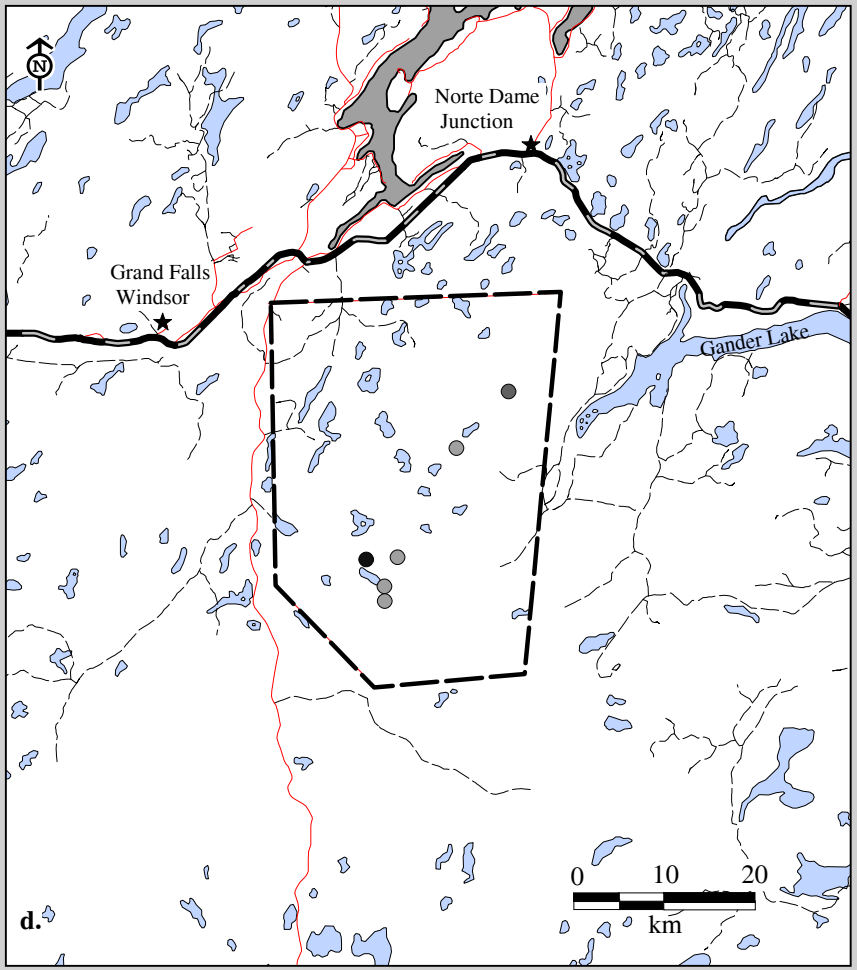
Ocean

Lake

Survey Boundary

Trans Canada Highway

Winter Population Census, January 1969



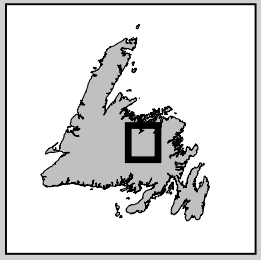


Fig. 14B-19 (con'd). Mount Peyton Caribou Herd strip census results d. January 1969 (84 caribou observed; population estimate 732).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10

Ocean

Lake

Survey Boundary

Trans Canada Highway

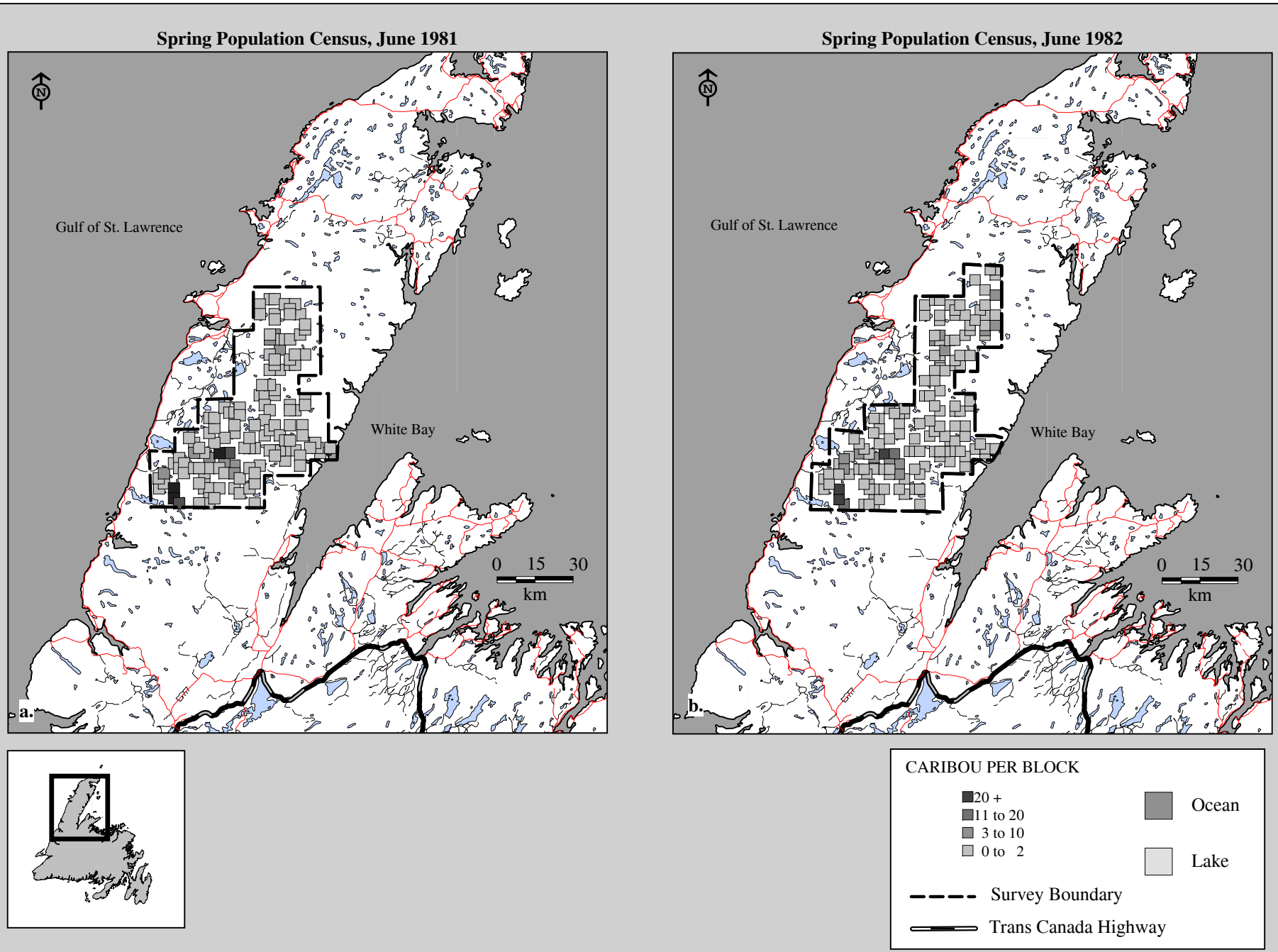
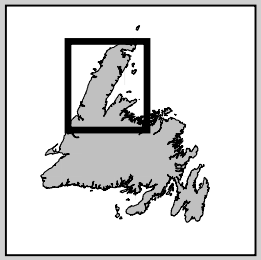


Fig. 14B-20. Northern Peninsula Caribou Herd random block census results a. June 1981 (233 caribou observed; population estimate 1,225) and b. June 1982 (232 caribou observed; population estimate 1,185).



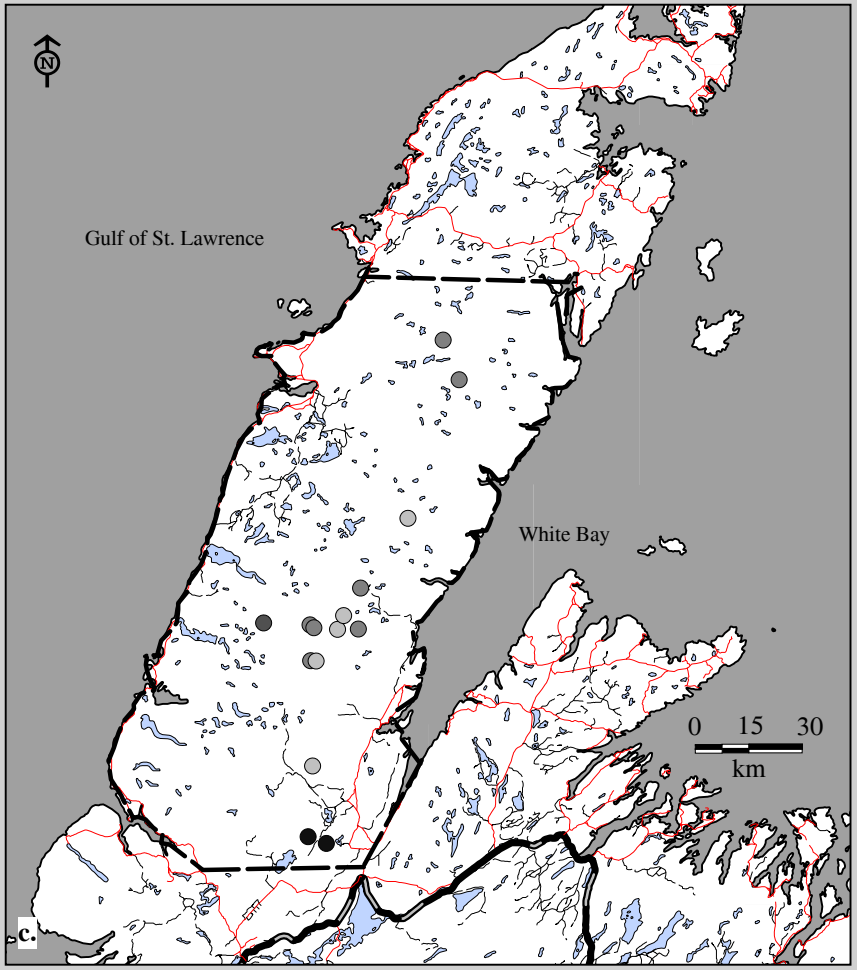


Fig. 14B-20 (con'd). Northern Peninsula Caribou Herd strip census results c. October 1979 (124 caribou observed; population estimate 1,190).

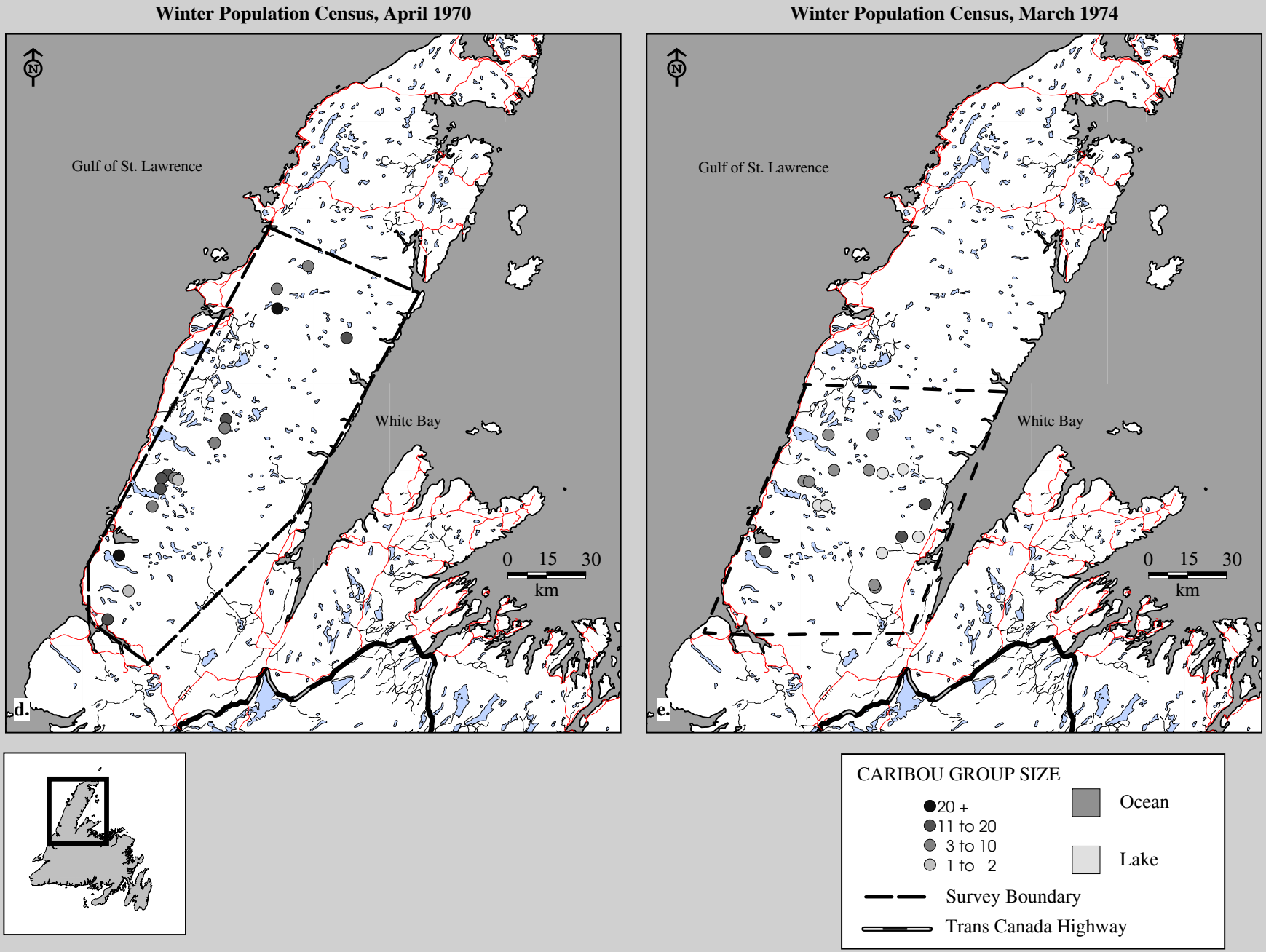


Fig. 14B-20 (con'd). Northern Peninsula Caribou Herd strip census results d. April 1970 (166 caribou observed; population estimate 350) and e. March 1974 (102 caribou observed; population estimate 816).

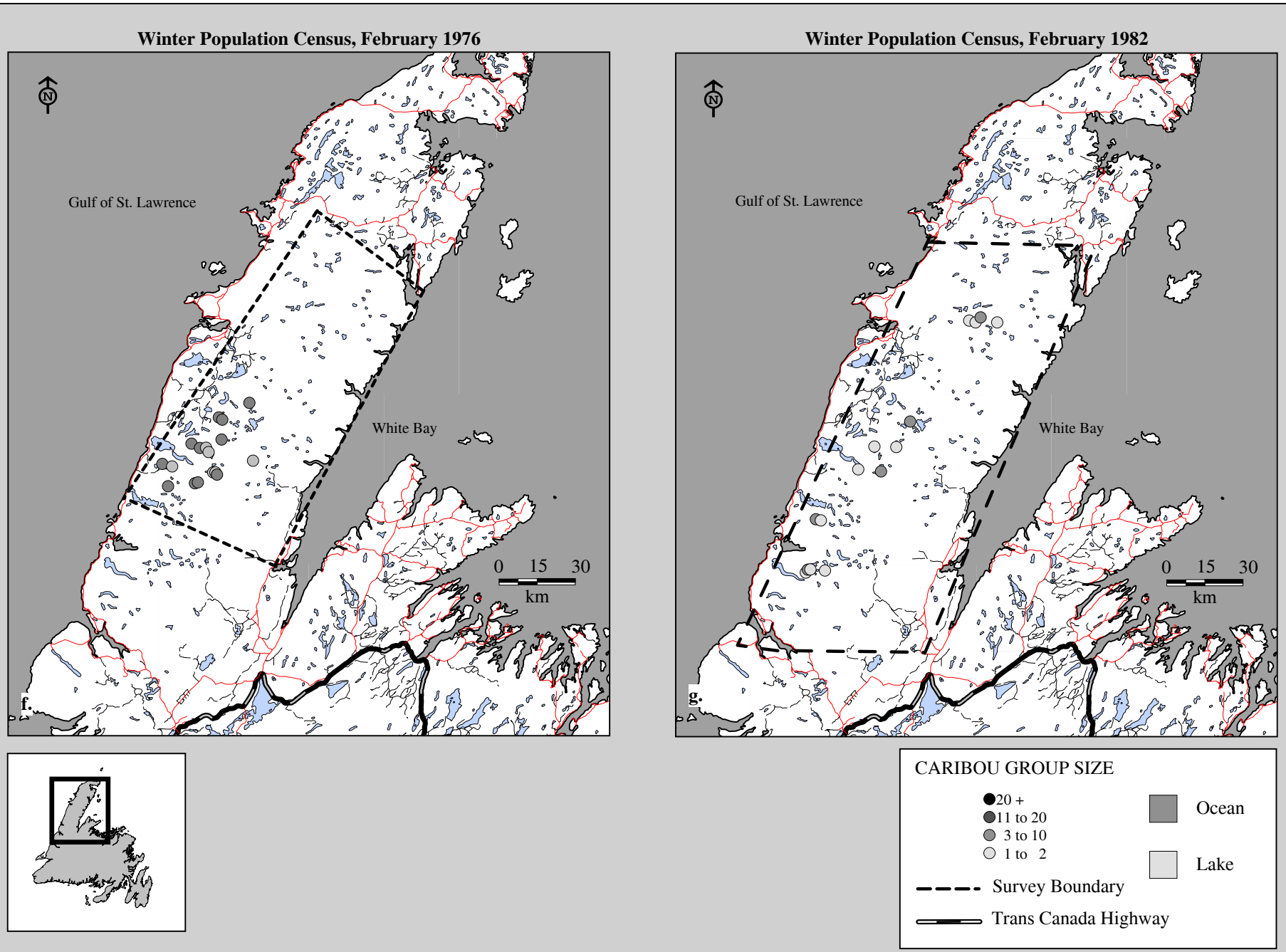
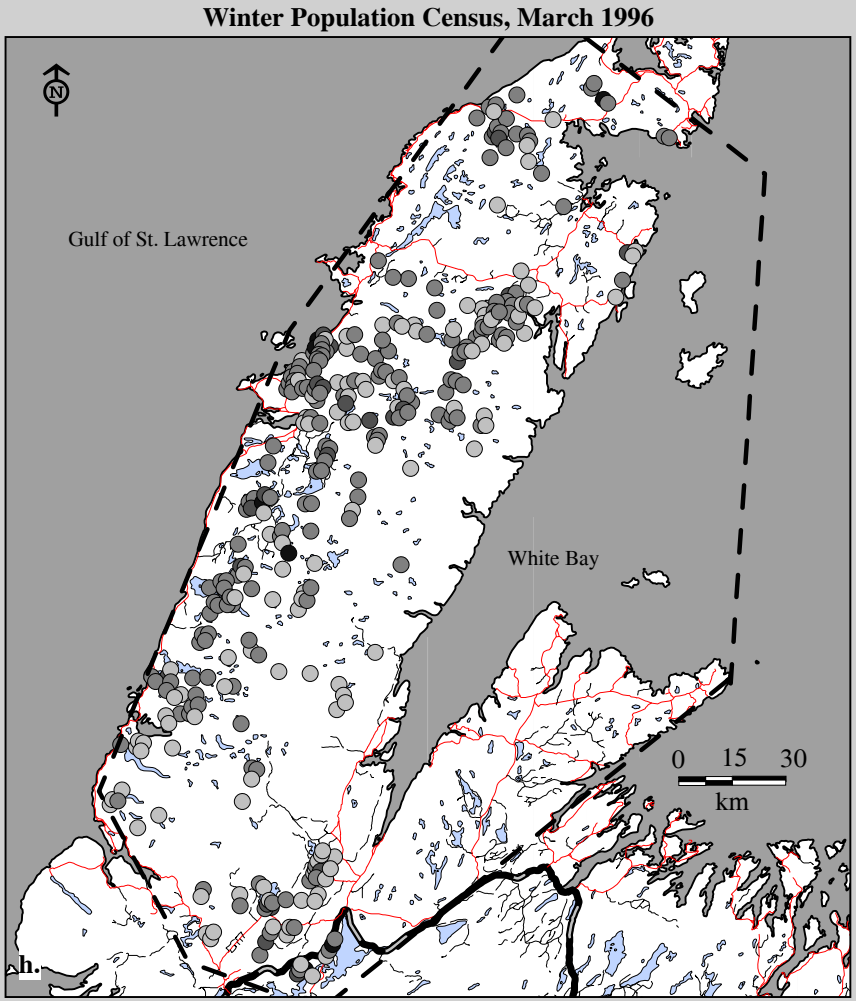


Fig. 14B-20 (con'd). Northern Peninsula Caribou Herd strip census results f. February 1976 (81 caribou observed; population estimate 1,260) and g. February 1982 (47 caribou observed; population estimate 474).



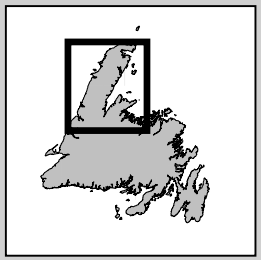


Fig. 14B-20 (con'd). Northern Peninsula Caribou Herd strip census results h. March 1996 (1,718 caribou observed; population estimate 6,872).

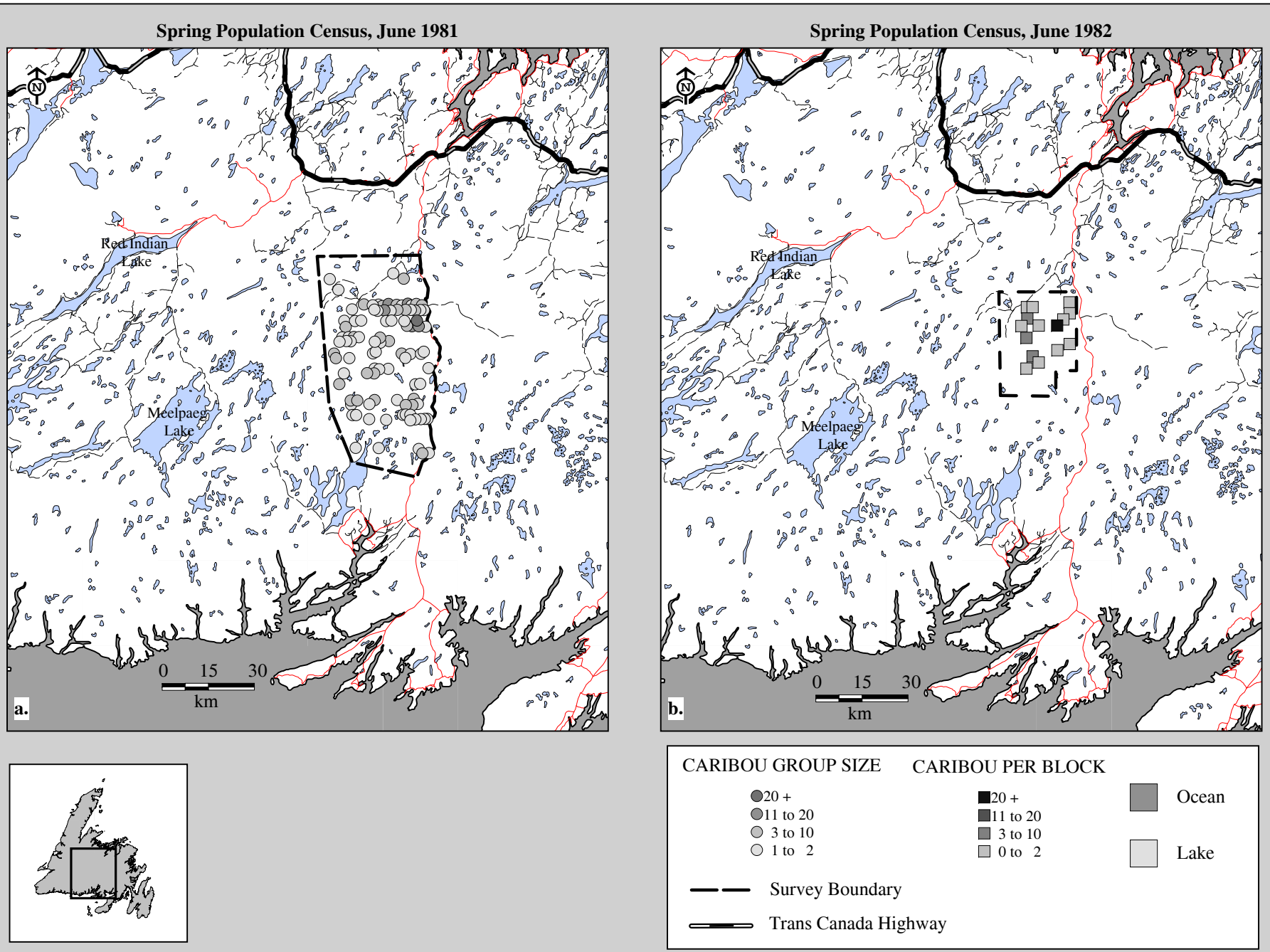
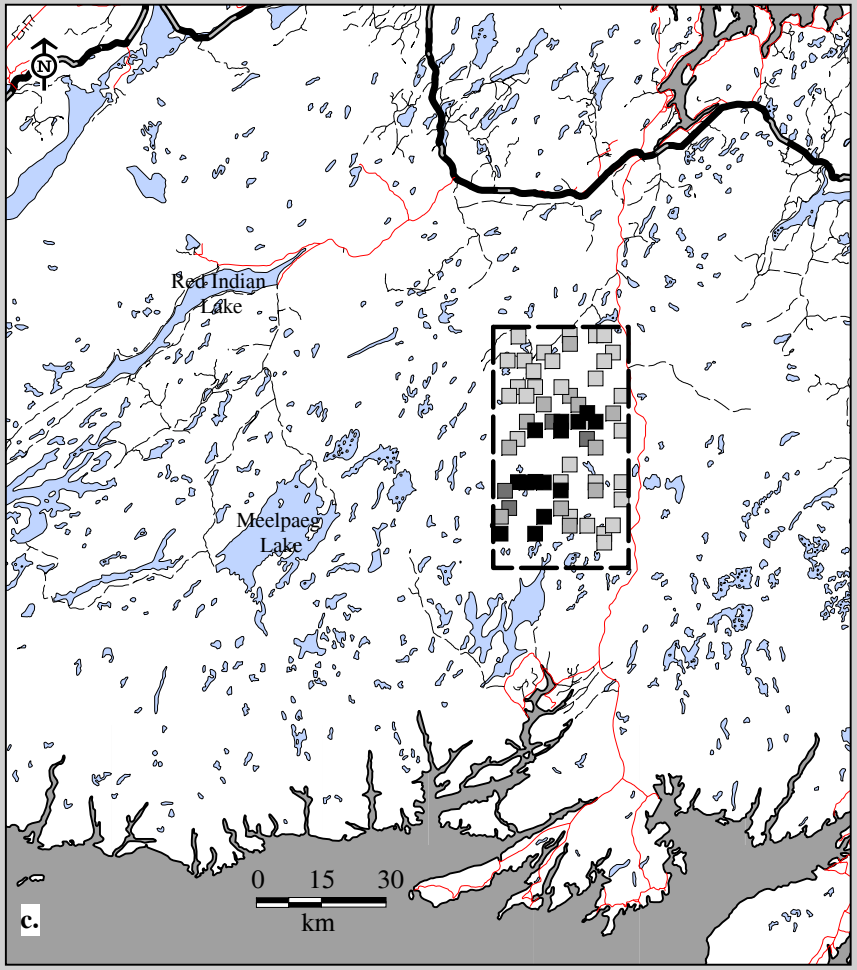


Fig. 14B-21. Pot Hill Caribou Herd a. strip census results, June 1981 (291 caribou observed; population estimate 1,186)
b. random block census results, June 1982 (44 caribou observed; population estimate 367).

Fall Population Census, November 1987



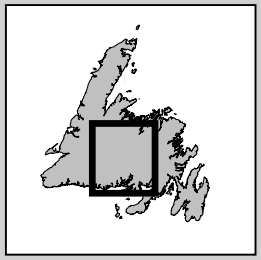


Fig. 14B-21 (con'd). Pot Hill Caribou Herd random block census results c. November 1987 (845 caribou observed; population estimate 5,281).

CARIBOU PER BLOCK

- 20 +
- 11 to 20
- 3 to 10
- 0 to 2

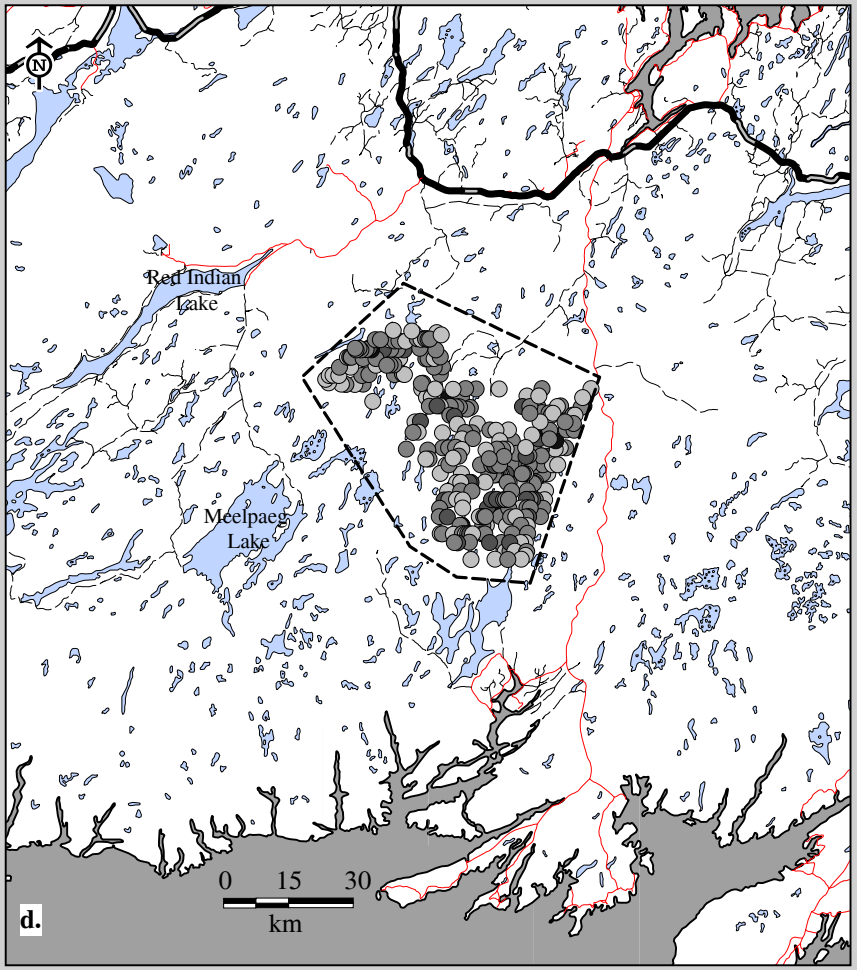
Ocean

Lake

Survey Boundary

Trans Canada Highway

Winter Population Census, March 1997



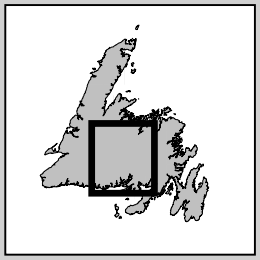


Fig. 14B-21 (con'd). Pot Hill Caribou Herd mark-recapture survey results d. March 1997 (1,495 caribou observed; population estimate 5,250).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 0 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

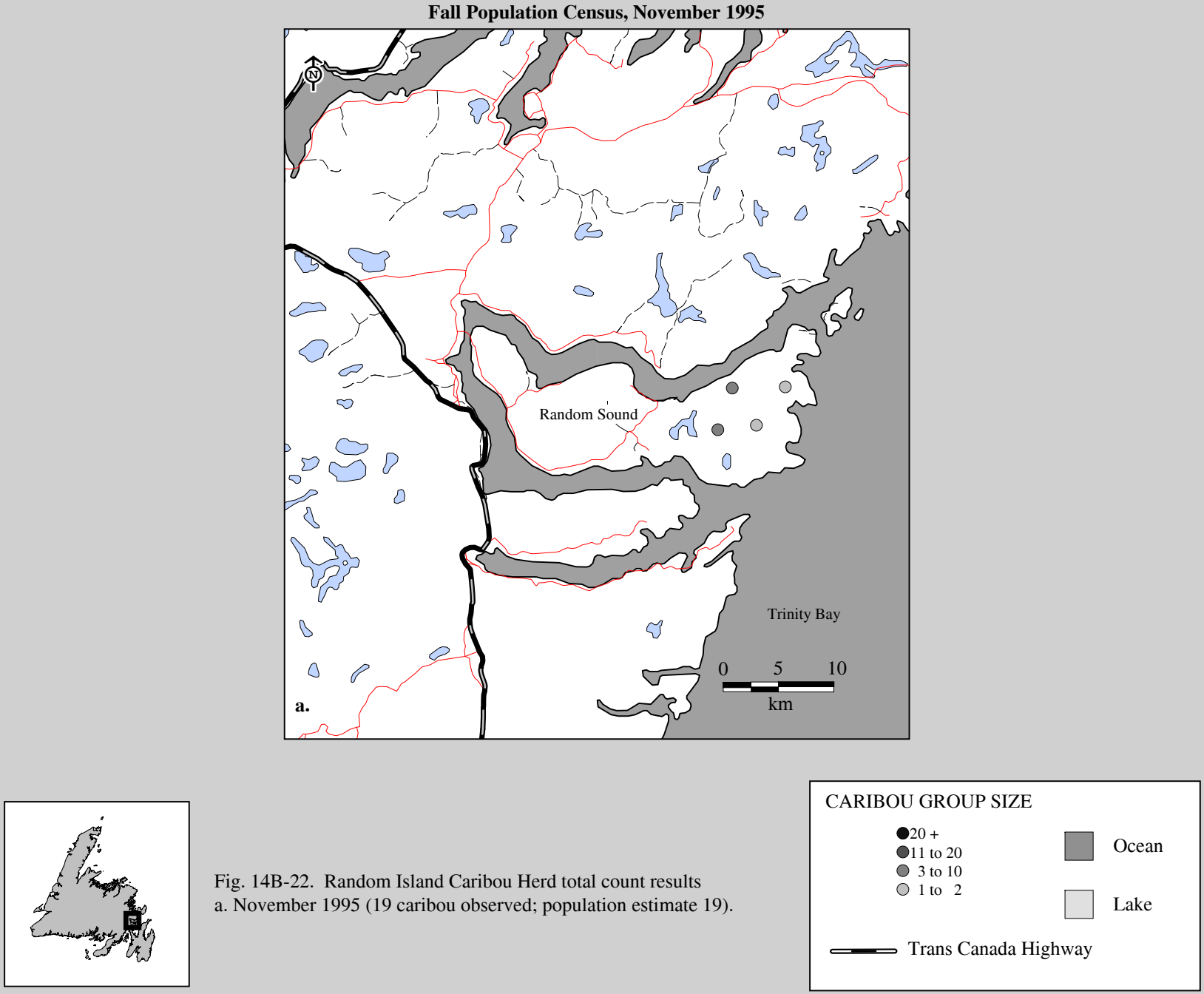
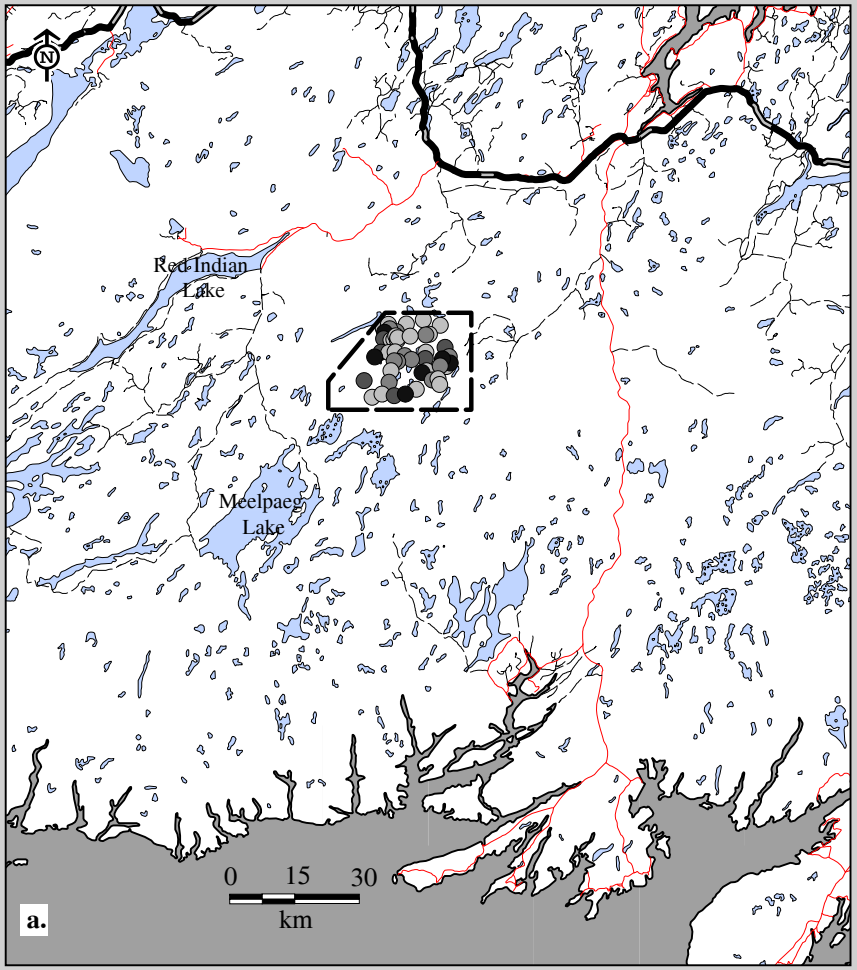


Fig. 14B-22. Random Island Caribou Herd total count results
a. November 1995 (19 caribou observed; population estimate 19).

Spring Population Census, June 1965



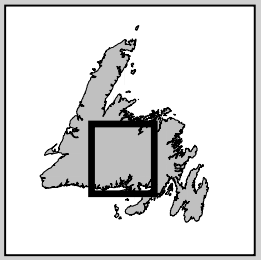


Fig. 14B-23. Sandy Lake Caribou Herd total count results a. June 1965 (333 caribou observed; population estimate 333).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

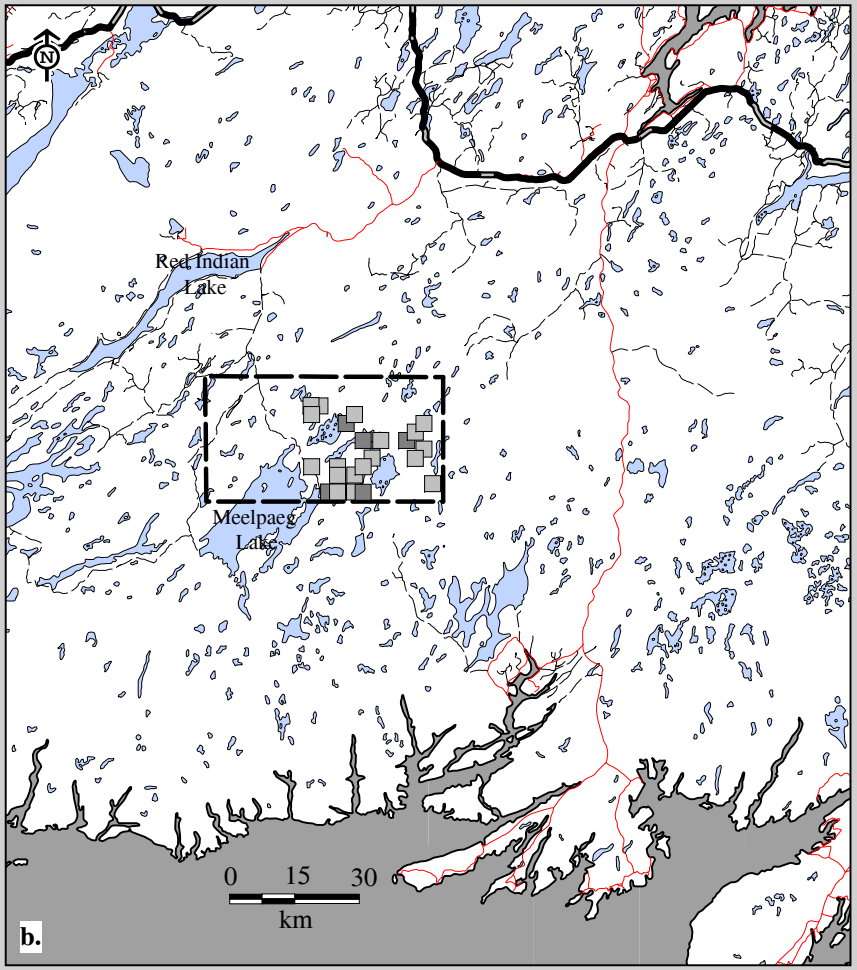
Ocean

Lake

Survey Boundary

Trans Canada Highway

Spring Population Census, June 1980



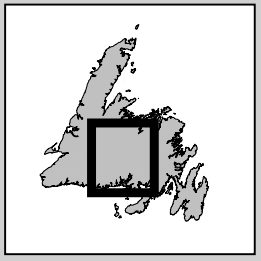


Fig. 14B-23 (con'd). Sandy Lake Caribou Herd random block census results b. June 1980 (41 caribou observed; population estimate 41).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 0 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

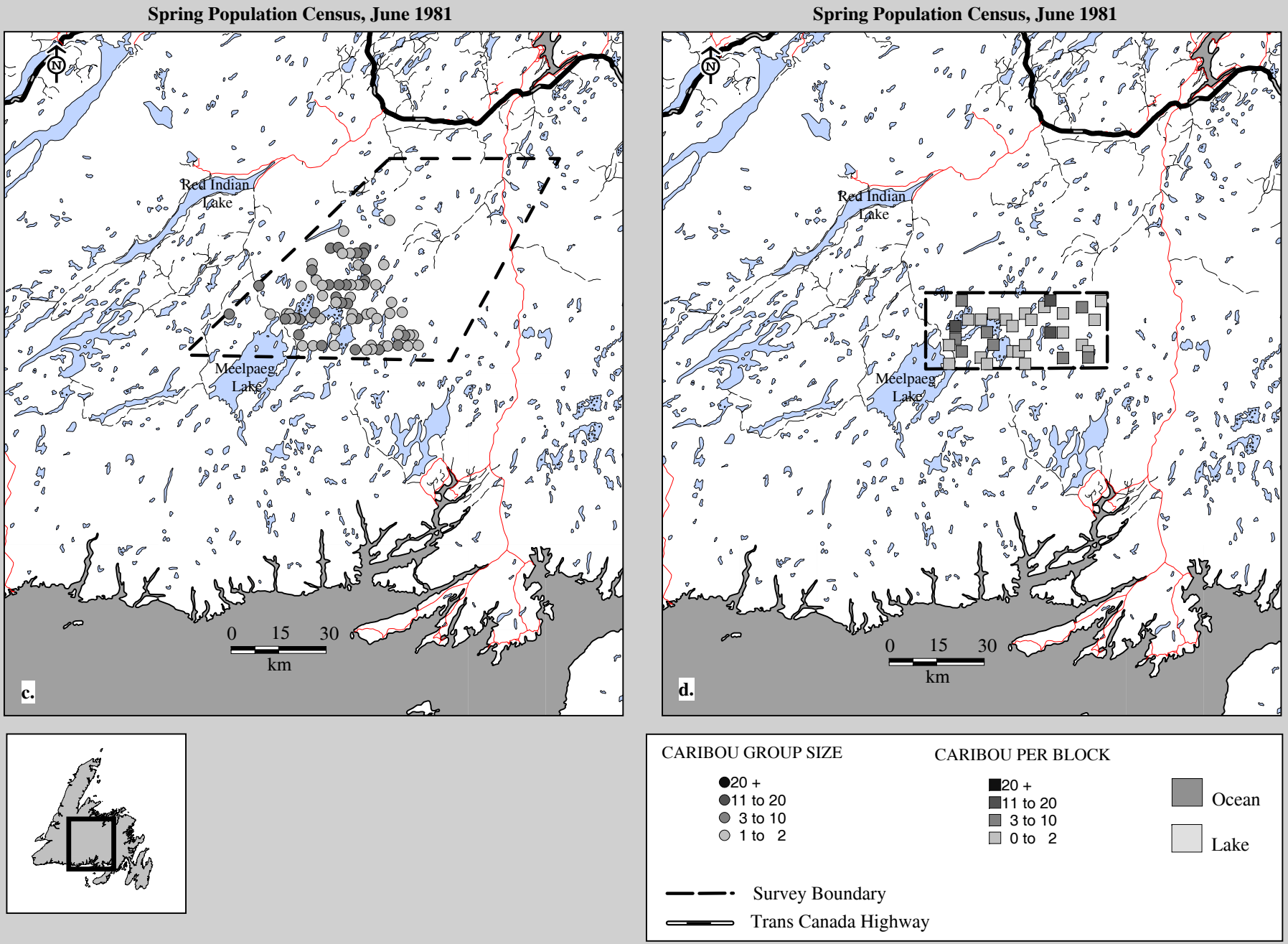
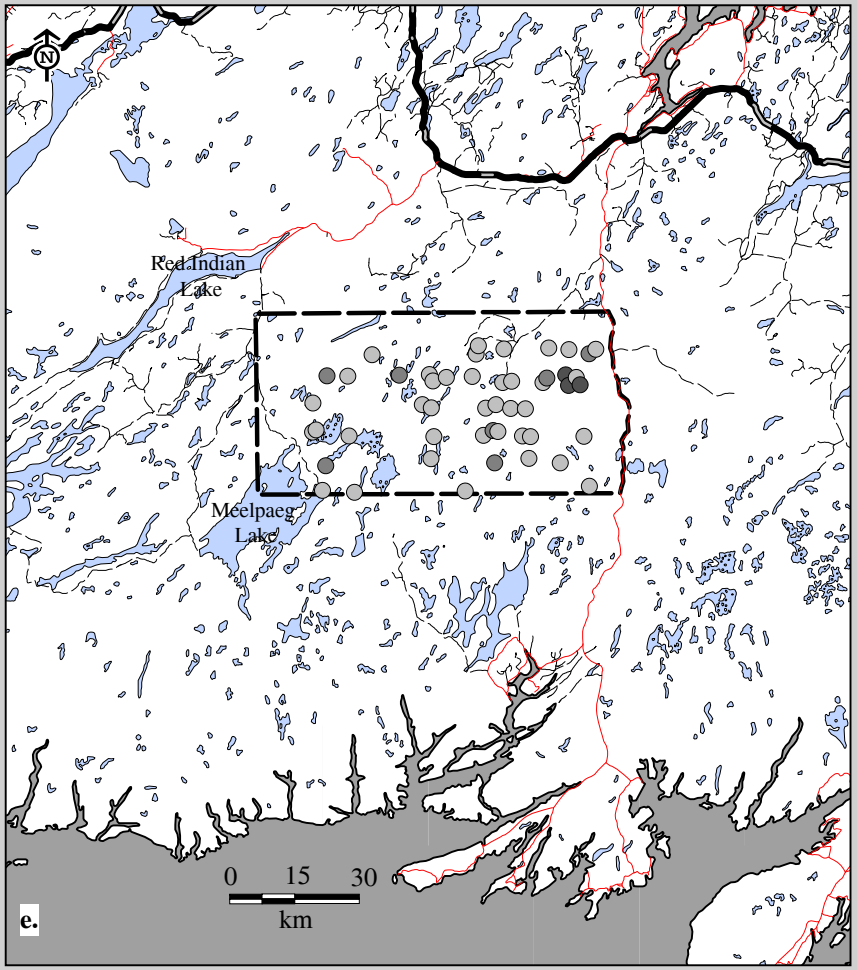


Fig. 14B-23 (con'd). Sandy Lake Caribou Herd c. strip census results, June 1981 (210 caribou observed; population estimate 940) and d. random block census results, June 1981 (88 caribou observed and population estimate 88)

Spring Population Census, June 1982



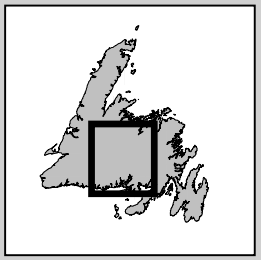


Fig. 14B-23 (con'd). Sandy Lake Caribou Herd e. strip census results, June 1982 (120 caribou observed; population estimate 75).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 0 to 2

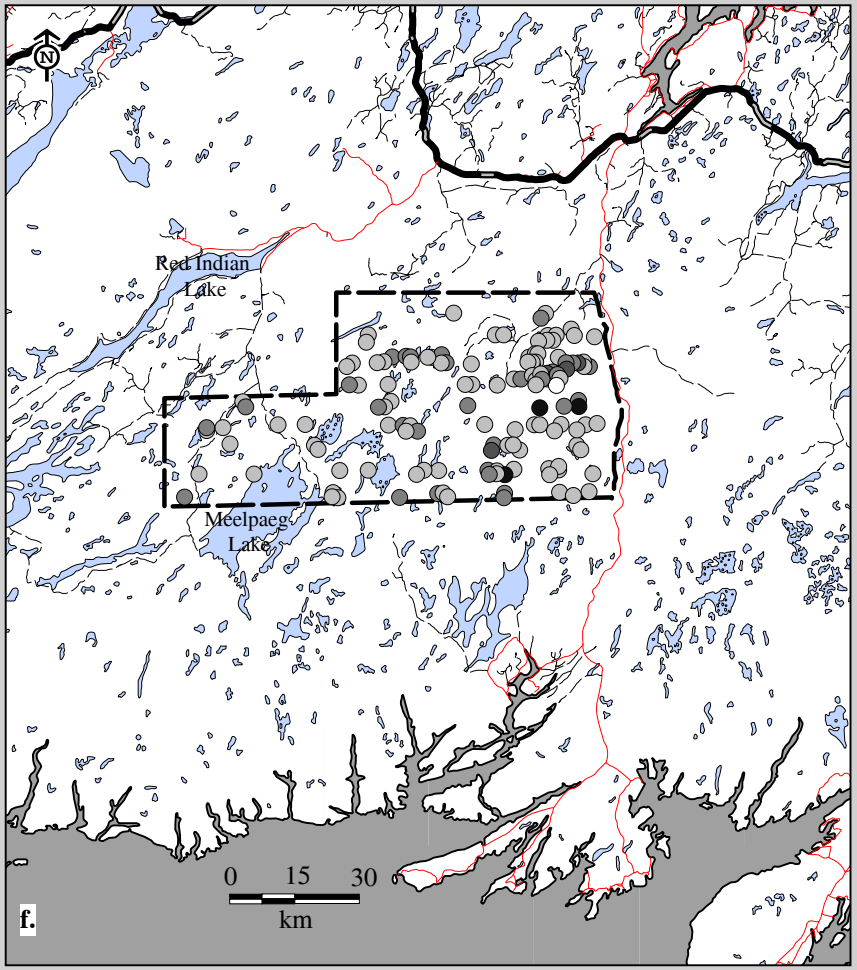
Ocean

Lake

Survey Boundary

Trans Canada Highway

Spring Population Census, June 1983



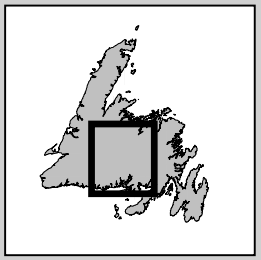


Fig. 14B-23 (con'd). Sandy Lake Caribou Herd f. strip census results June 1983 (476 caribou observed; population estimate 271).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 0 to 2

Ocean

Lake

Survey Boundary

Trans Canada Highway

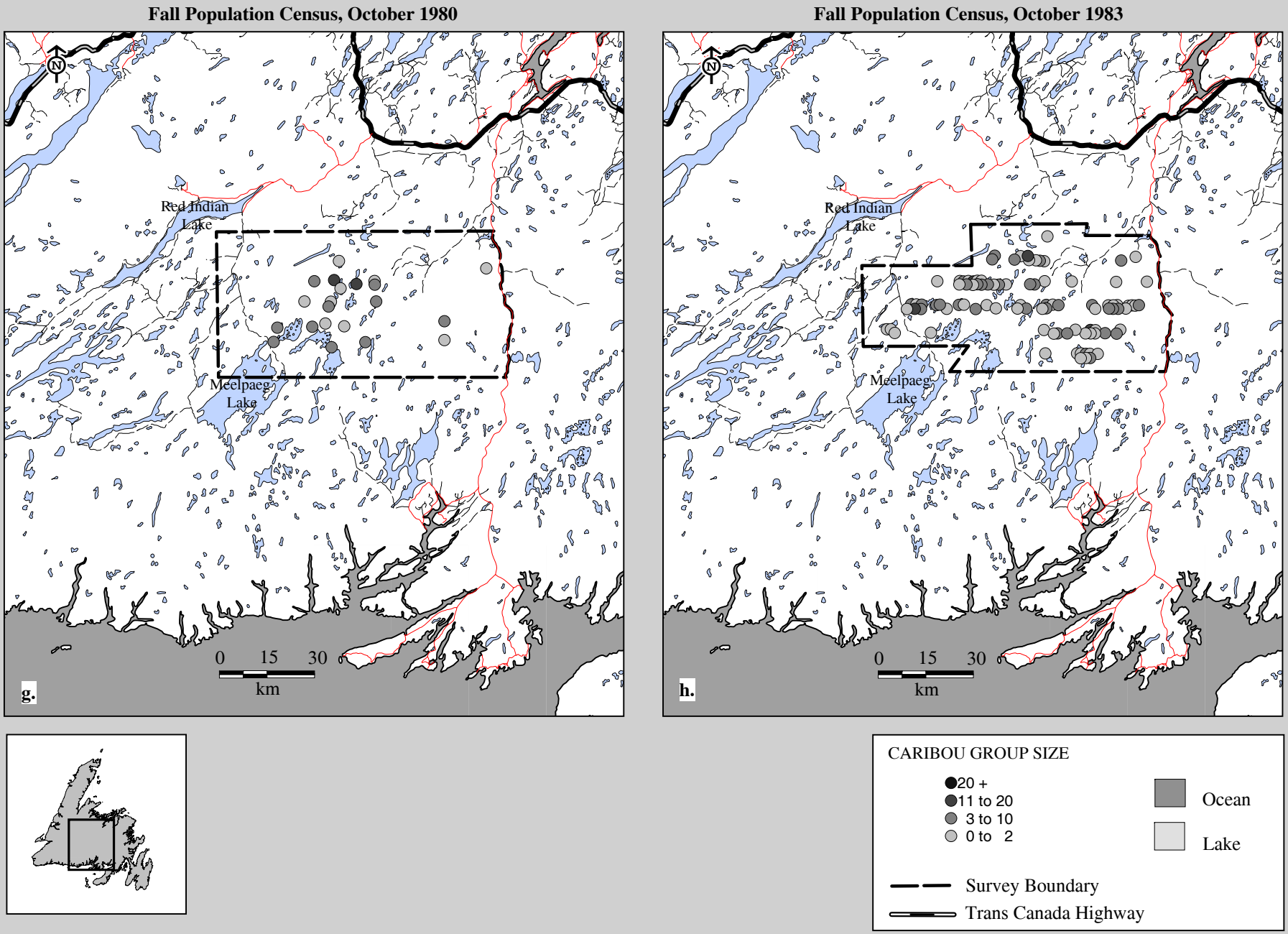
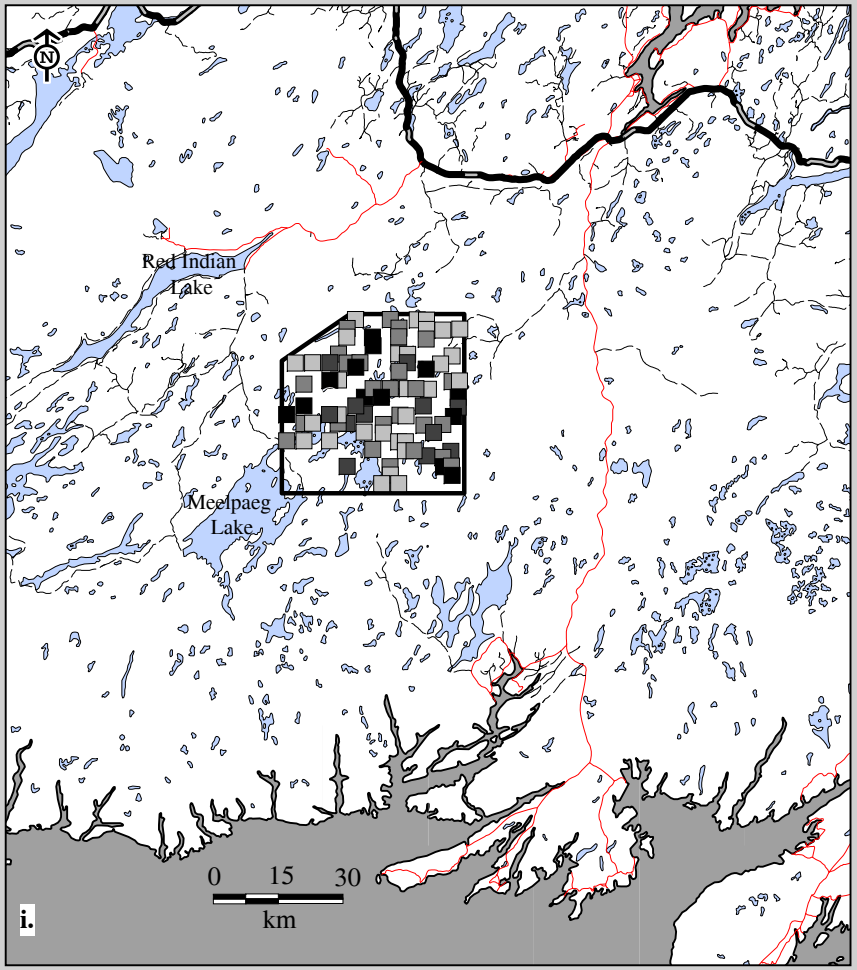


Fig. 14B-23 (con'd). Sandy Lake Caribou Herd strip census results g. October 1980 (92 caribou observed; population estimate 92) and h. October 1983 (302 caribou observed; population estimate 784)

Fall Population Census, November 1987



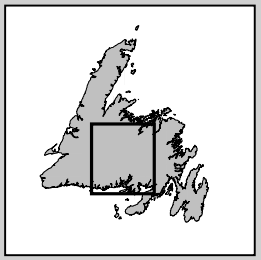


Fig. 14B-23 (con'd). Sandy Lake Caribou Herd i. mark-recapture census results, November 1987 (798 caribou observed; population estimate 3,475).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 0 to 2

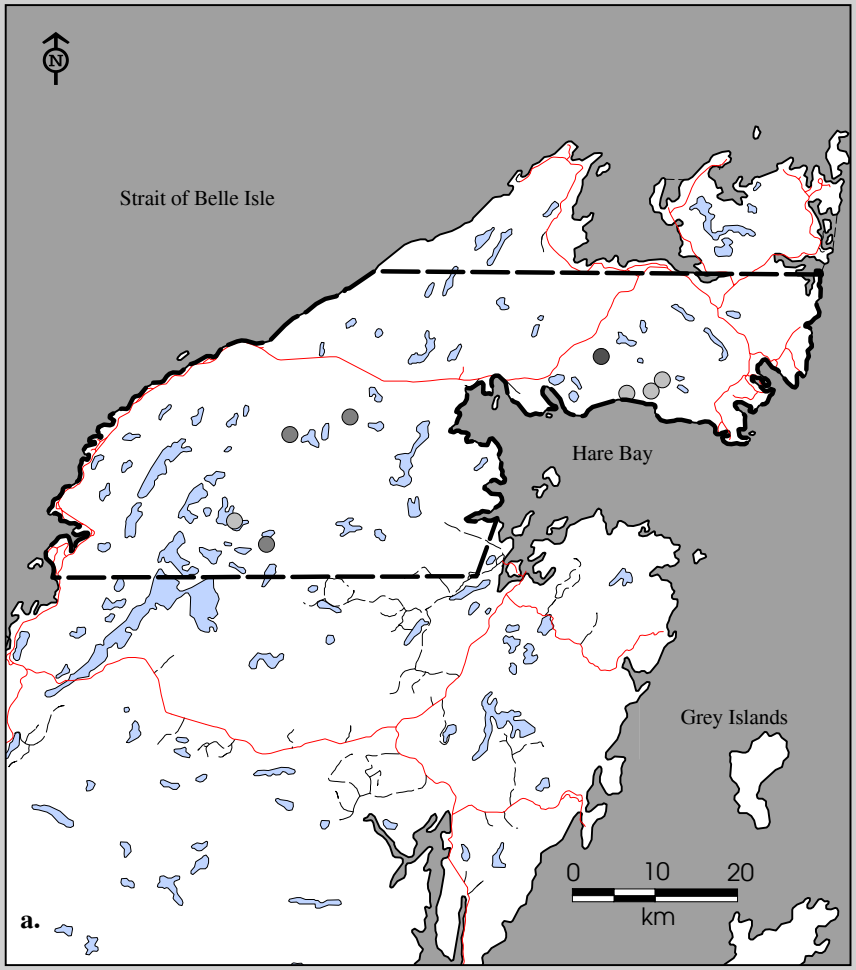
Ocean

Lake

Survey Boundary

Trans Canada Highway

Spring Population Census, June 1981



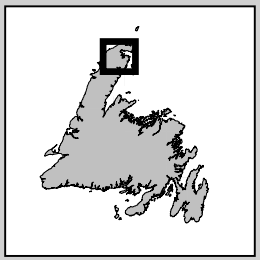


Fig. 14B-24. St. Anthony Caribou Herd strip census results
a. June 18, 1981 (37 caribou observed; population estimate 103).

CARIBOU GROUP SIZE

- 20 +
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Survey Boundary

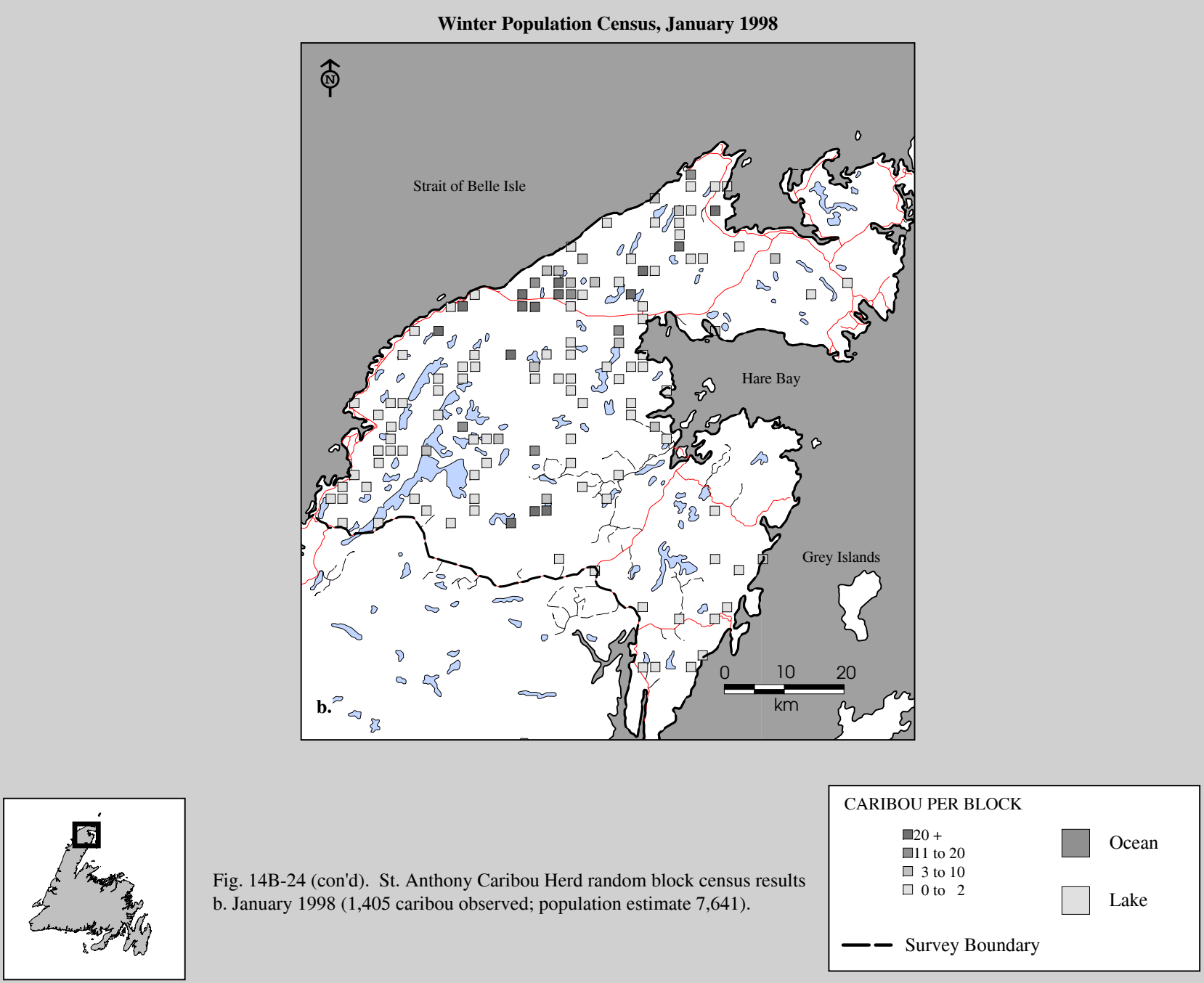
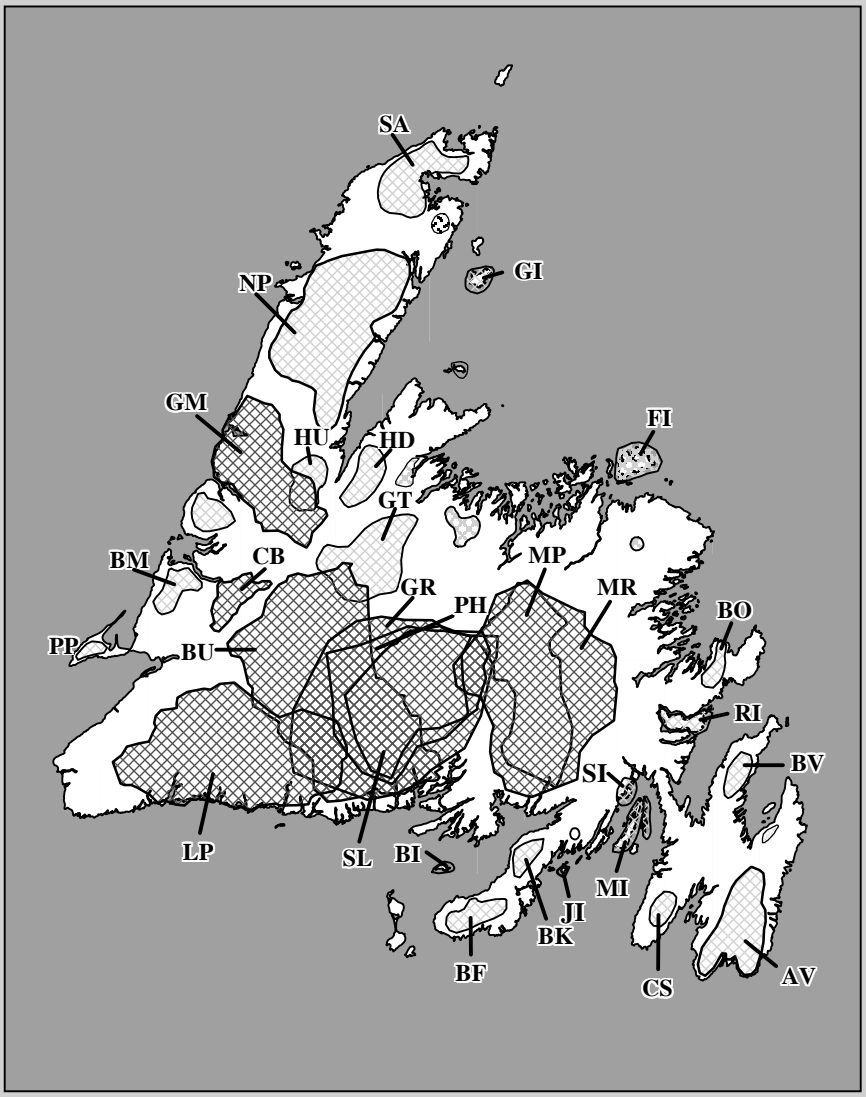


Fig. 14B-24 (con'd). St. Anthony Caribou Herd random block census results b. January 1998 (1,405 caribou observed; population estimate 7,641).

Section 14C:
Caribou Population Trends Determined from Aerial Surveys.



Caribou Herds

Avalon (AV)
Bay de Verde (BV)
Blow Me Down Mtn (BM)
Bonavista (BO)
Brunette Island (BI)
Burin Foot (BF)
Burin Knee (BK)
Buchans (BU)
Cape Shore (CS)
Corner Brook Lakes (CB)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
Hampden Downs (HD)
Humber (HU)
Jude Island (JI)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Northern Peninsula (NP)
Port au Port (PP)
Pot Hill (PH)
Random Island (RI)
Sandy Lake (SL)
Sound Island (SI)
St. Anthony (SA)

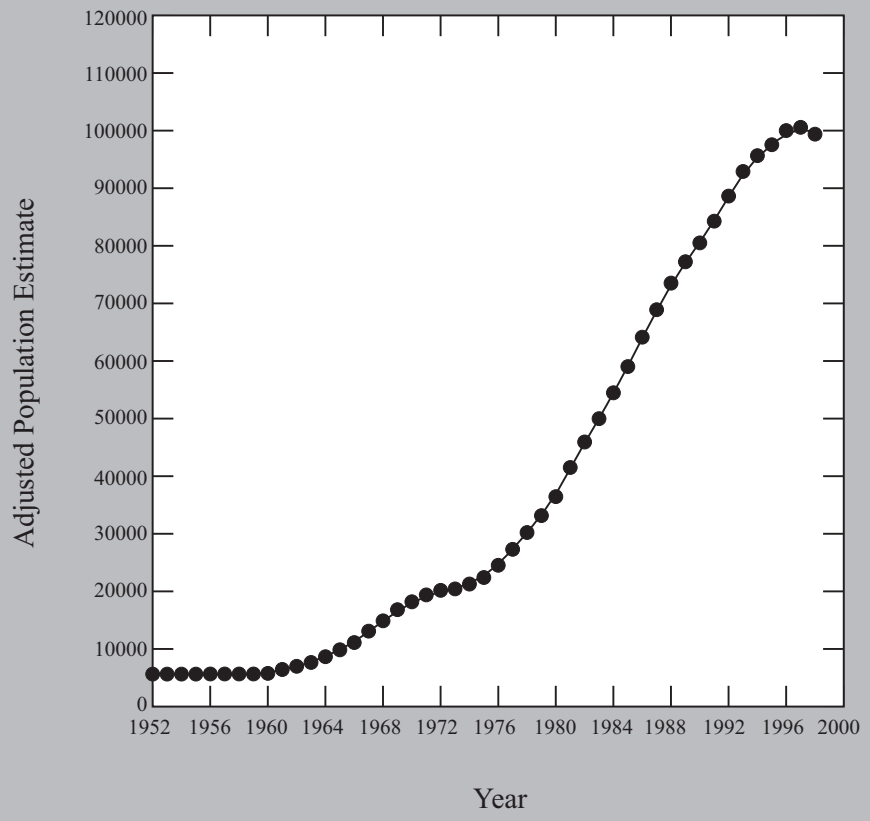


Fig. 14C-1. Population trajectory for all insular Newfoundland caribou herds combined, 1952-2000. Population estimates were obtained from total area, total group count, strip, block, and mark-recapture surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

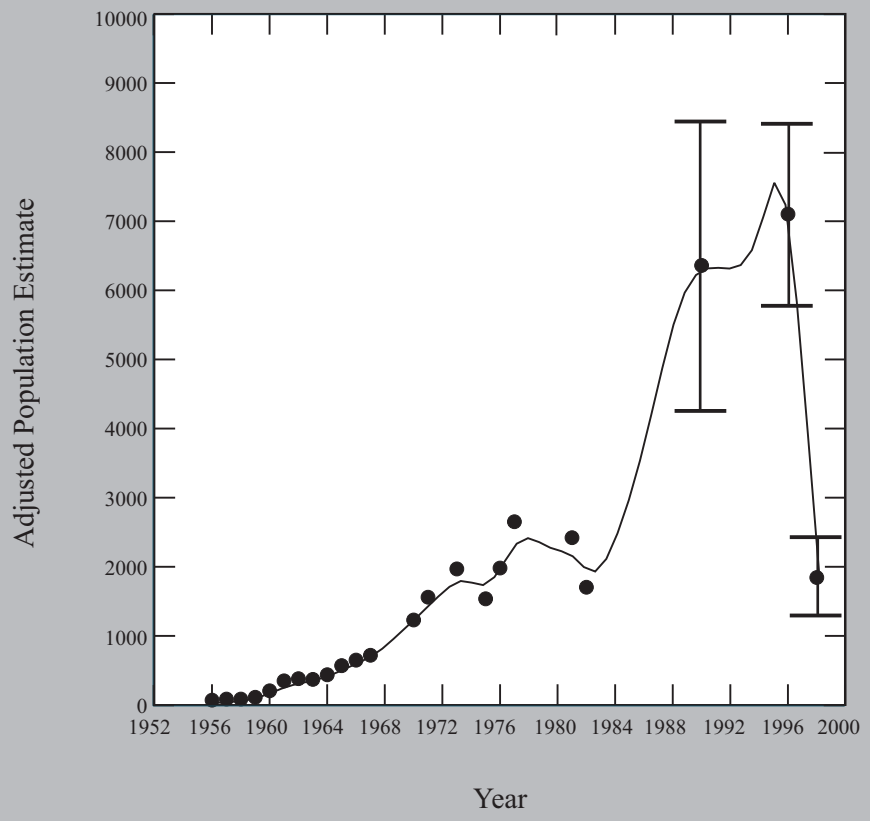


Fig. 14C-2. Population trajectory for the Avalon Caribou Herd, 1956-1998. Population estimates were obtained from total area, strip, and block surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

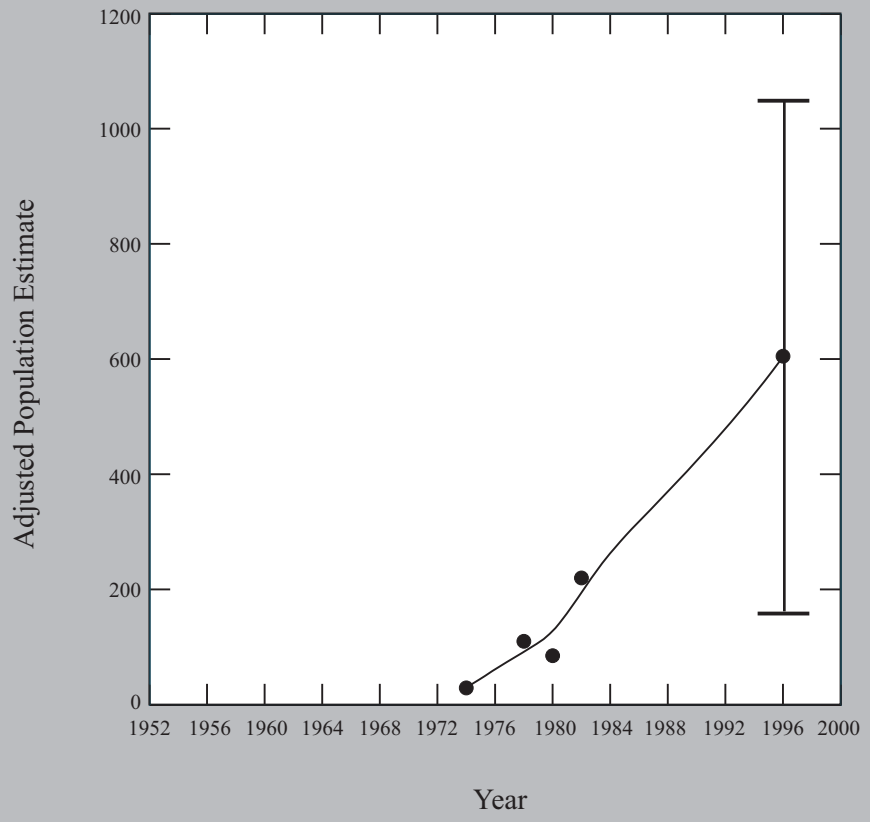


Fig. 14C-3. Population trajectory for the Baie Verte Caribou Herd, 1974-1996. Population estimates were obtained from total area and strip surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

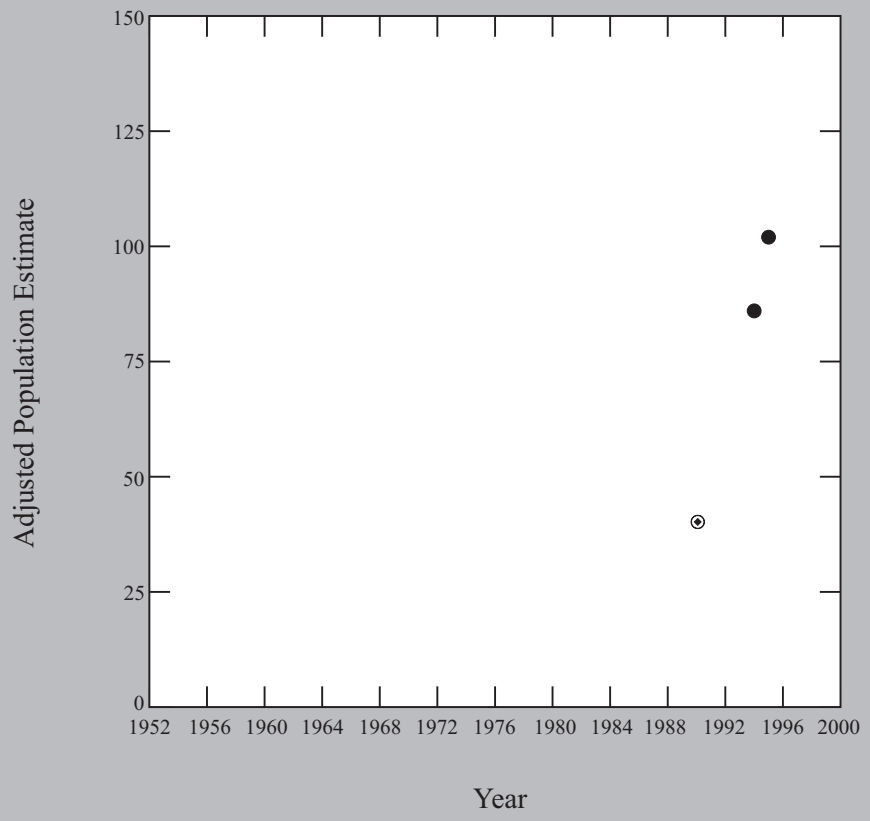


Fig. 14C-4. Population trajectory for the Bay de Verde Caribou Herd, 1987-1995. Number of Introduced animals are indicated by ⊛. Population estimates were obtained from total area and strip surveys. No trajectory line was determined due to insufficient sample size.

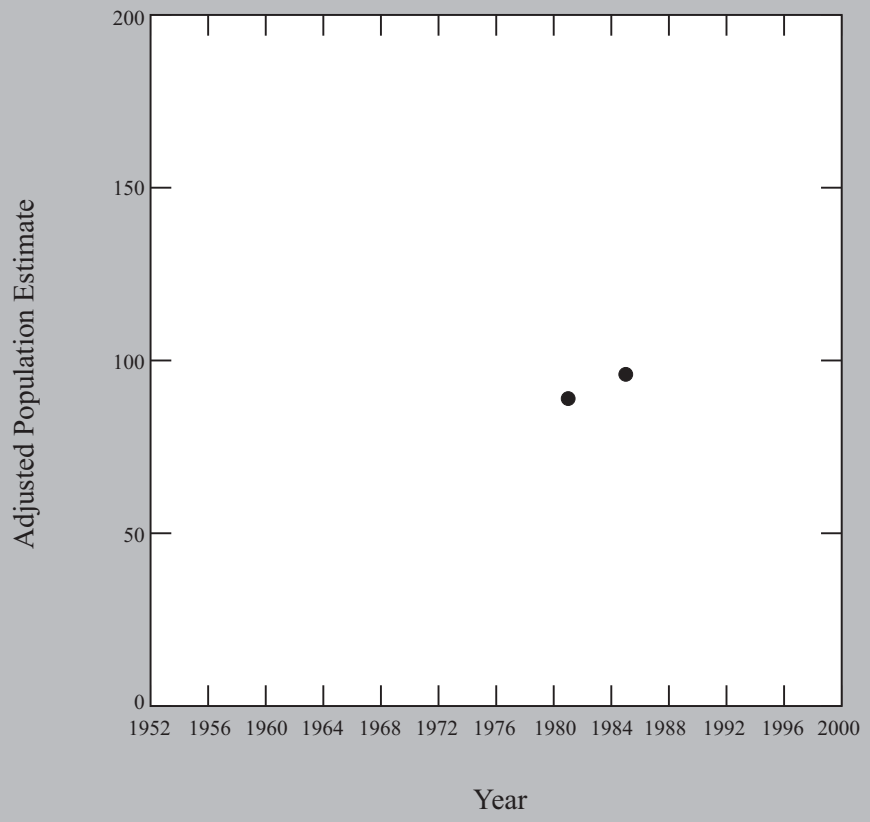


Fig. 14C-5. Population trajectory for the Blow Me Down Mountains Caribou Herd, 1981-1985. Population estimates were obtained from total area surveys. No trajectory line was determined due to insufficient sample size.

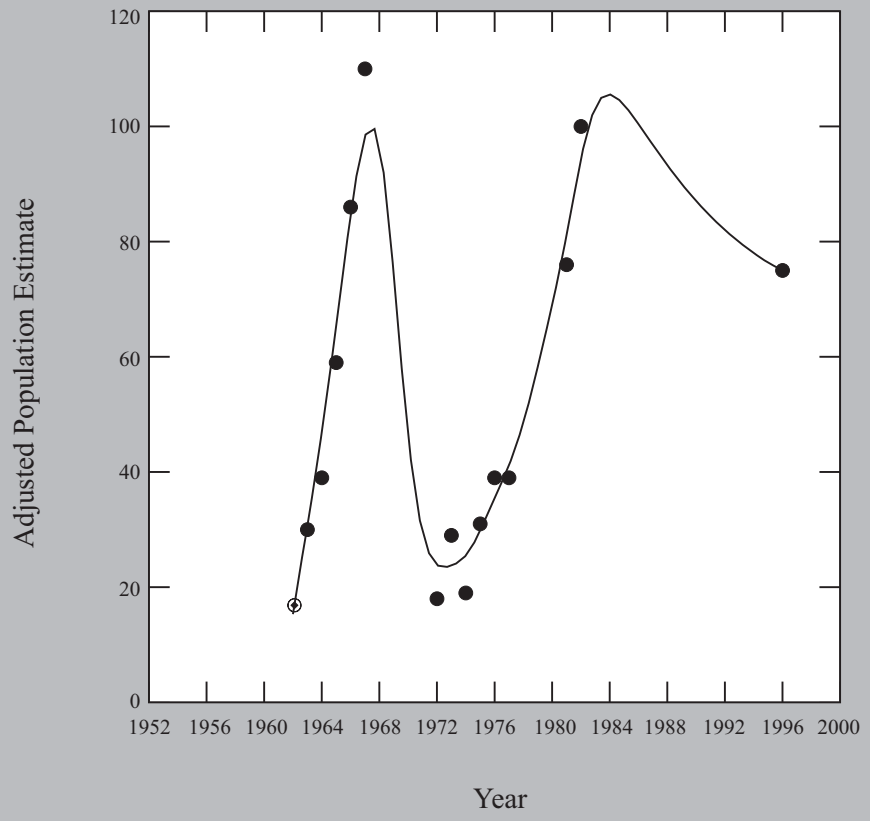


Fig. 14C-6. Population trajectory for the Brunette Island Caribou Herd, 1962-1996. Number of Introduced animals are indicated by ⊙. Population estimates were obtained from total area surveys. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

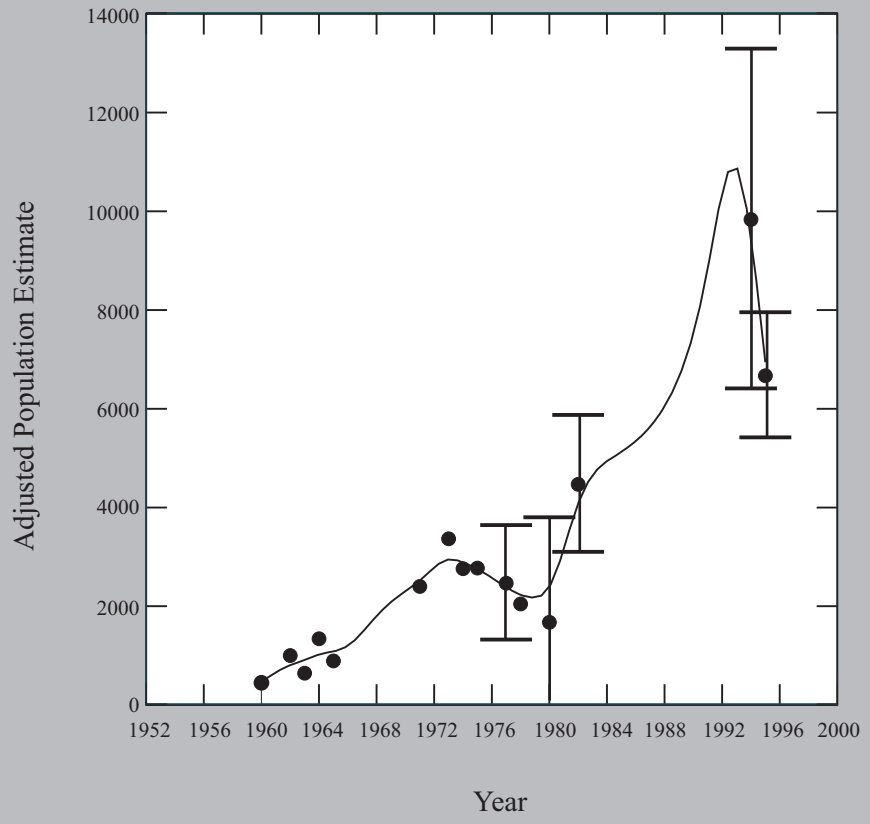


Fig. 14C-7. Population trajectory for the Buchans Caribou Herd, 1960-1995. Population estimates were obtained from strip and block surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

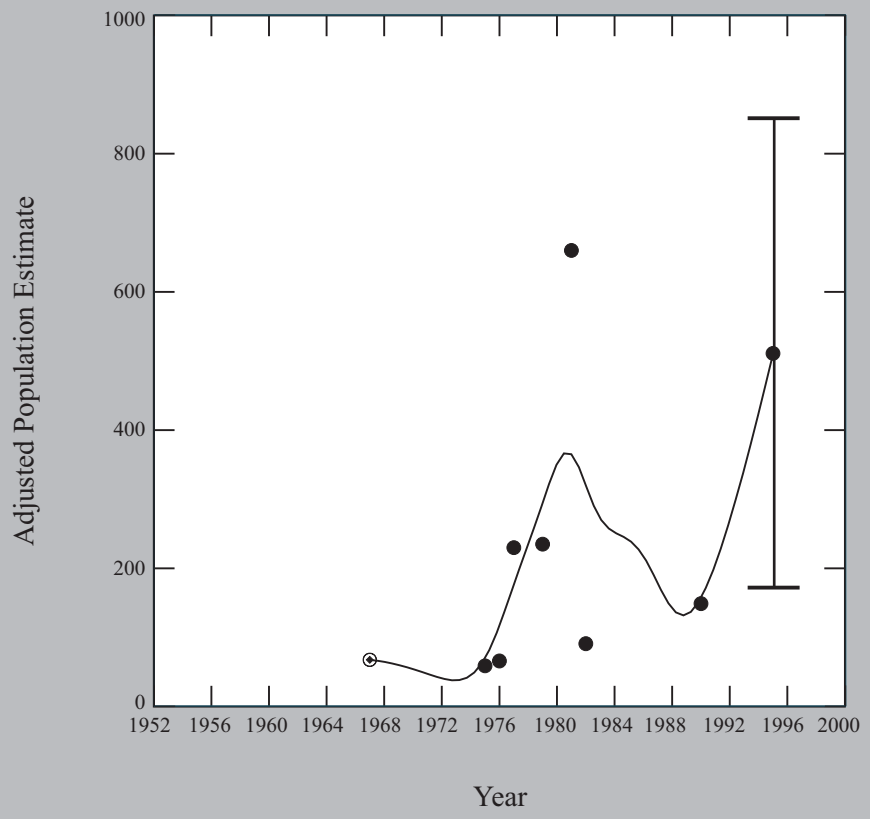


Fig. 14C-8. Population trajectory for the Burin Peninsula Caribou Herd, 1964-1995. Number of Introduced animals are indicated by ⊛. Population estimates were obtained from total area and strip surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

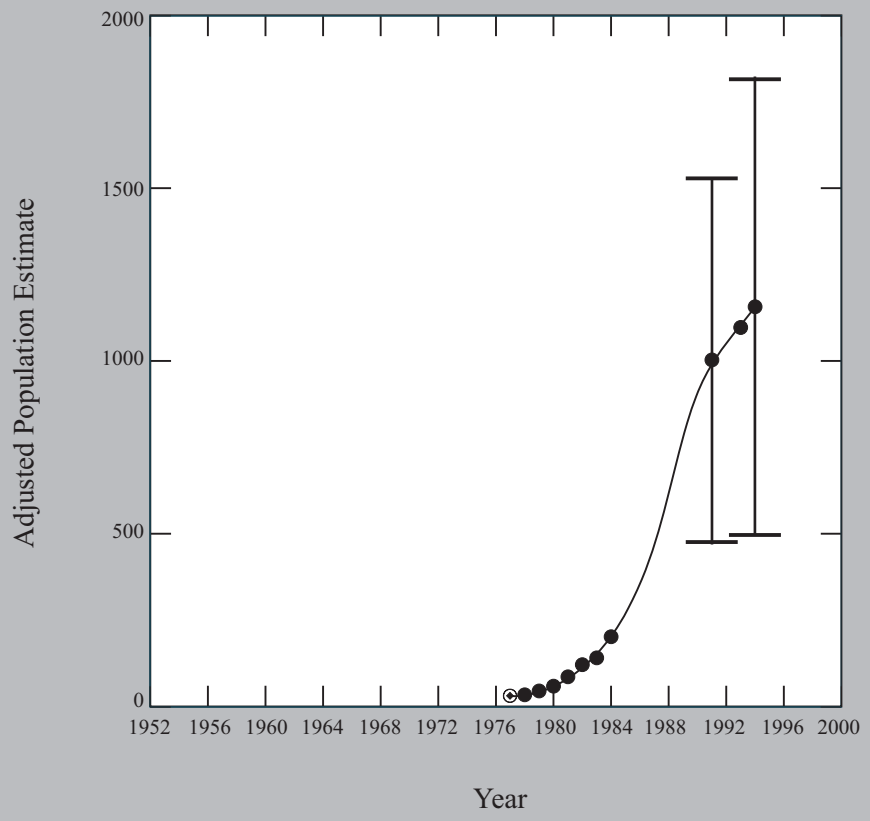


Fig. 14C-9. Population trajectory for the Cape Shore Caribou Herd, 1976-1994. Number of Introduced animals are indicated by ⊛ . Population estimates were obtained from total area and strip surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

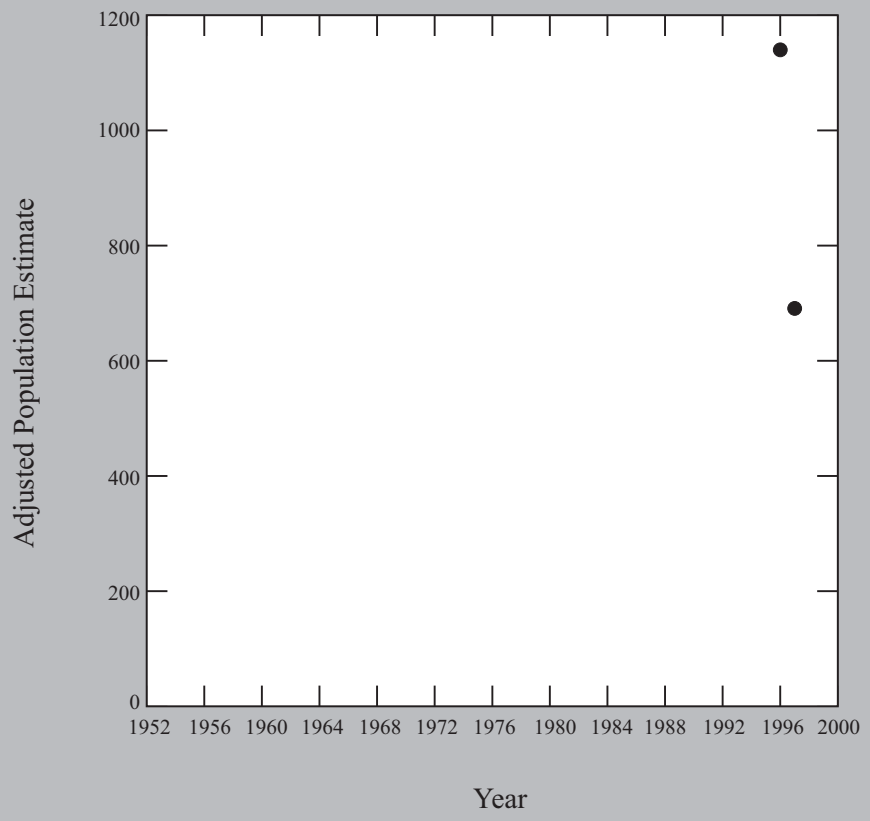


Fig. 14C-10. Population trajectory for the Corner Brook Lakes Caribou Herd, 1996-1997. Population estimates were obtained from strip surveys. No trajectory line was determined due to insufficient sample size.

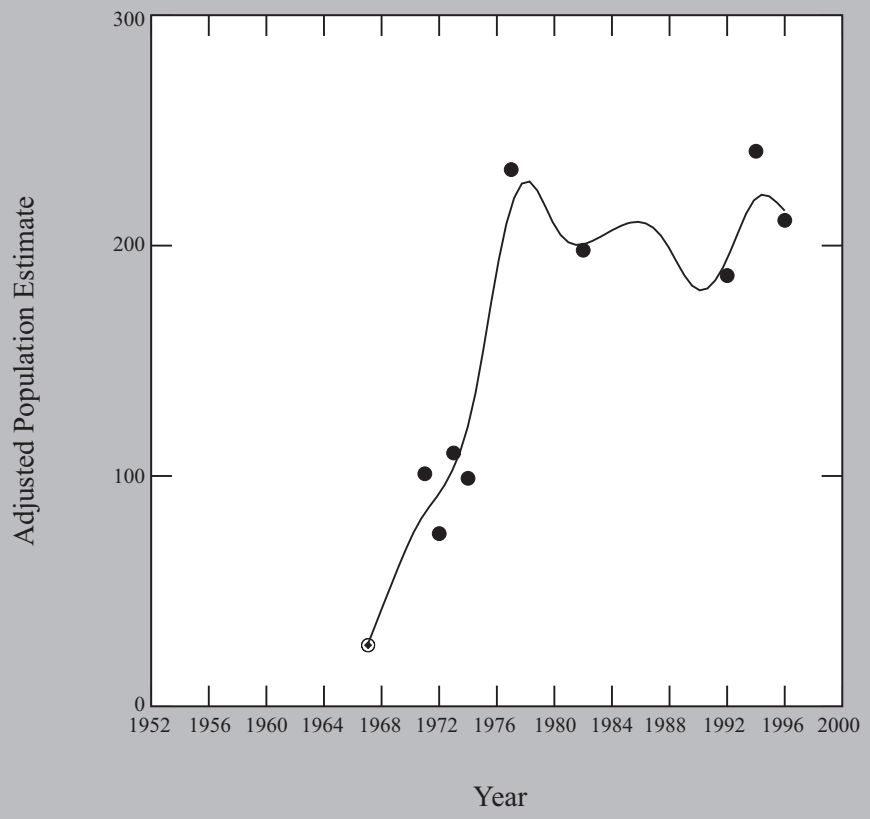


Fig. 14C-11. Population trajectory for the Fogo Island Caribou Herd, 1964-1996. Number of Introduced animals are indicated by ◉ . Population estimates were obtained from total area surveys. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

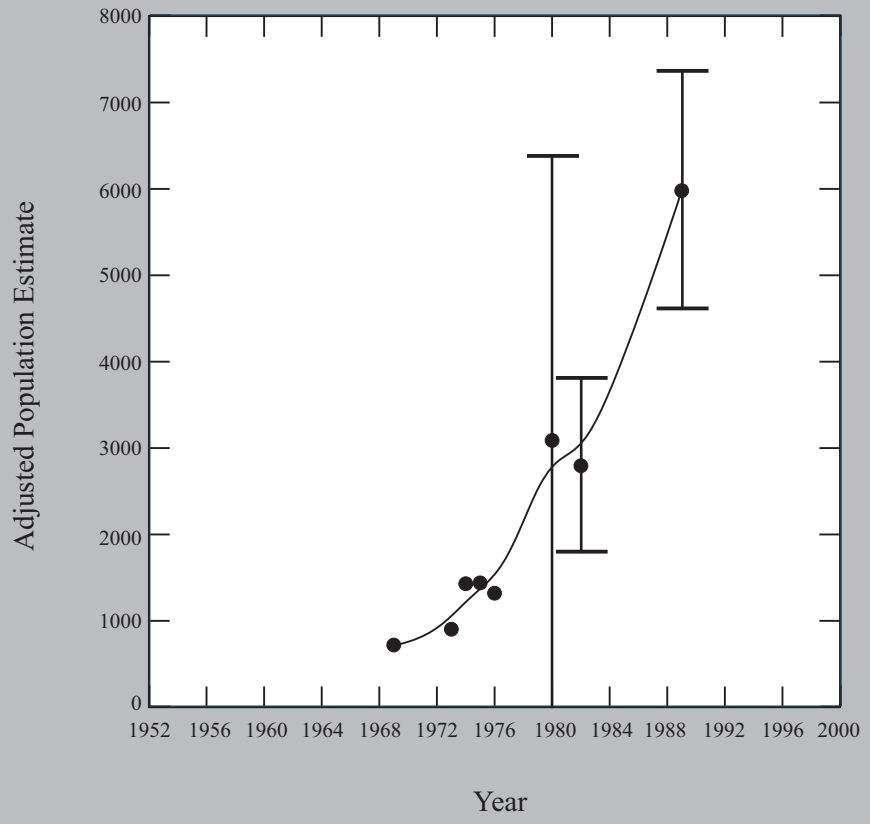


Fig. 14C-12. Population trajectory for the Gaff Topsails Caribou Herd, 1969-1989. Population estimates were obtained from strip and mark-recapture surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

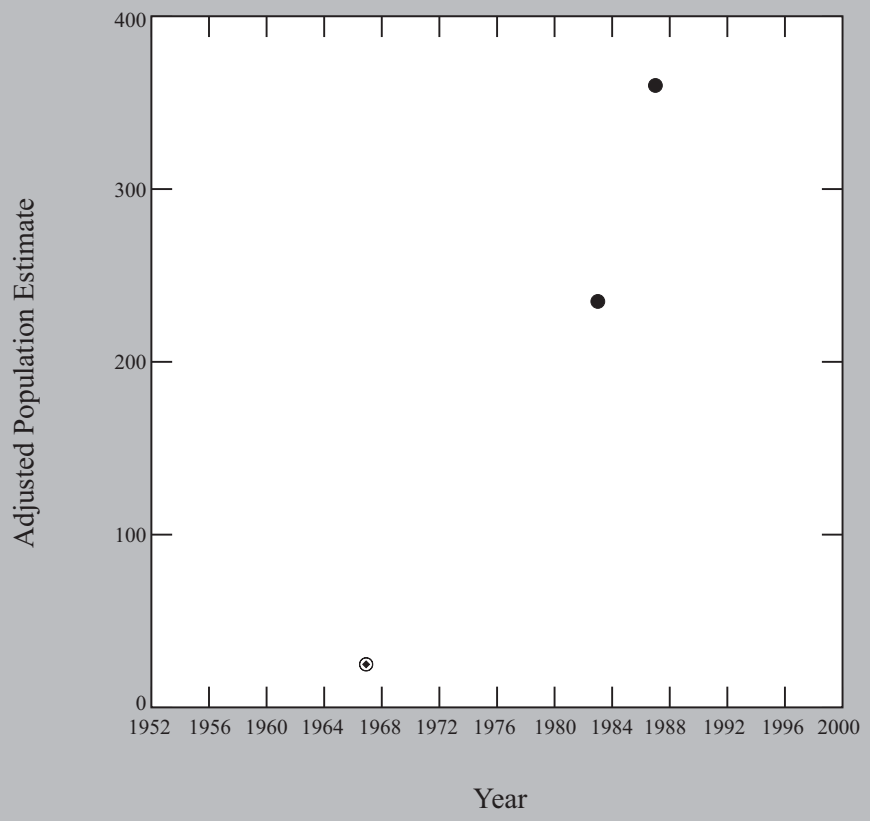


Fig. 14C-13. Population trajectory for the Gregory Plateau Caribou Herd, 1965-1987. Number of Introduced animals are indicated by ⊙. Population estimates were obtained from total area and ground surveys. No trajectory line was determined due to insufficient sample size.

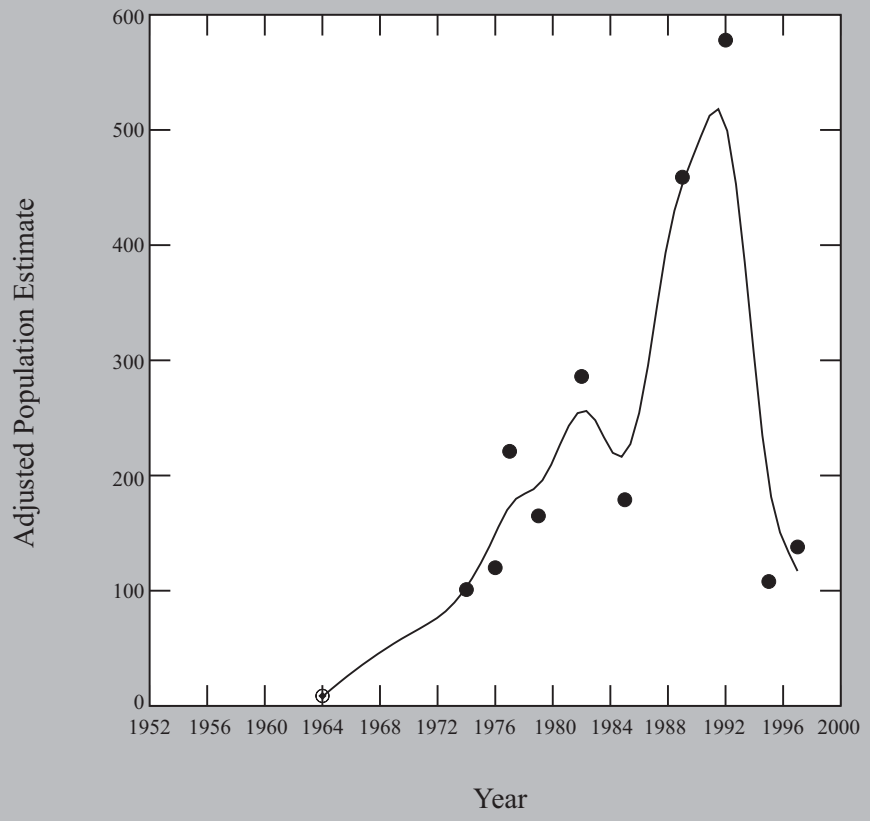


Fig. 14C-14. Population trajectory for the Grey Islands Caribou Herd, 1964-1997. Number of Introduced animals are indicated by ⦿ . Population estimates were obtained from strip, block, and mark recapture surveys. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

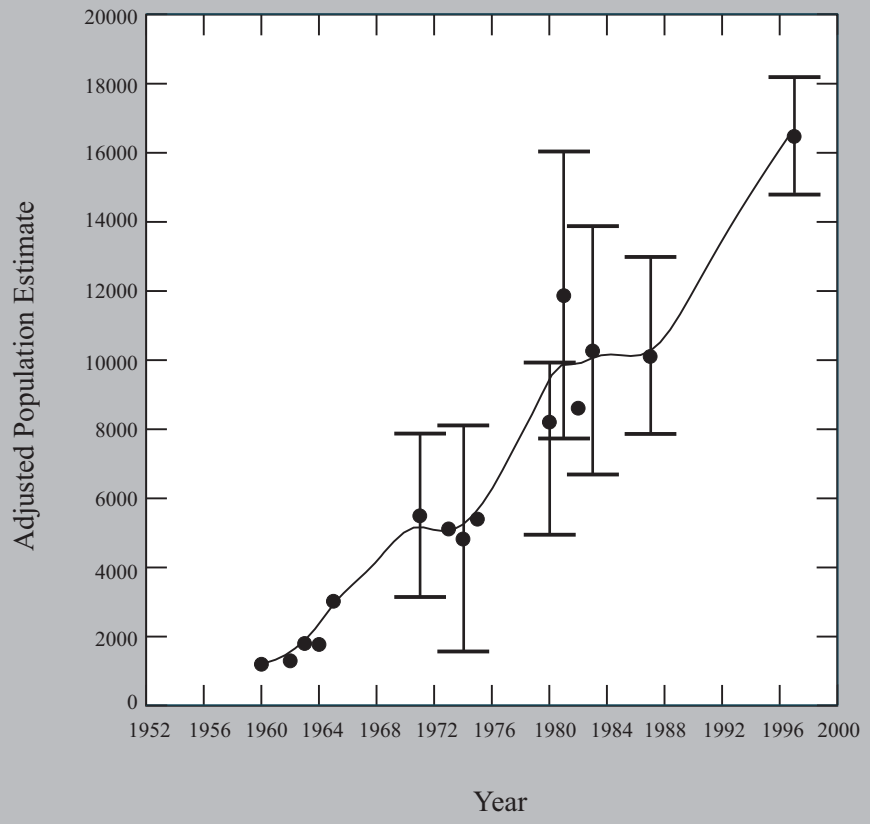


Fig. 14C-15. Population trajectory for the Grey River Caribou Herd, 1960-1997. Population estimates were obtained from strip, block, and mark-recapture surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

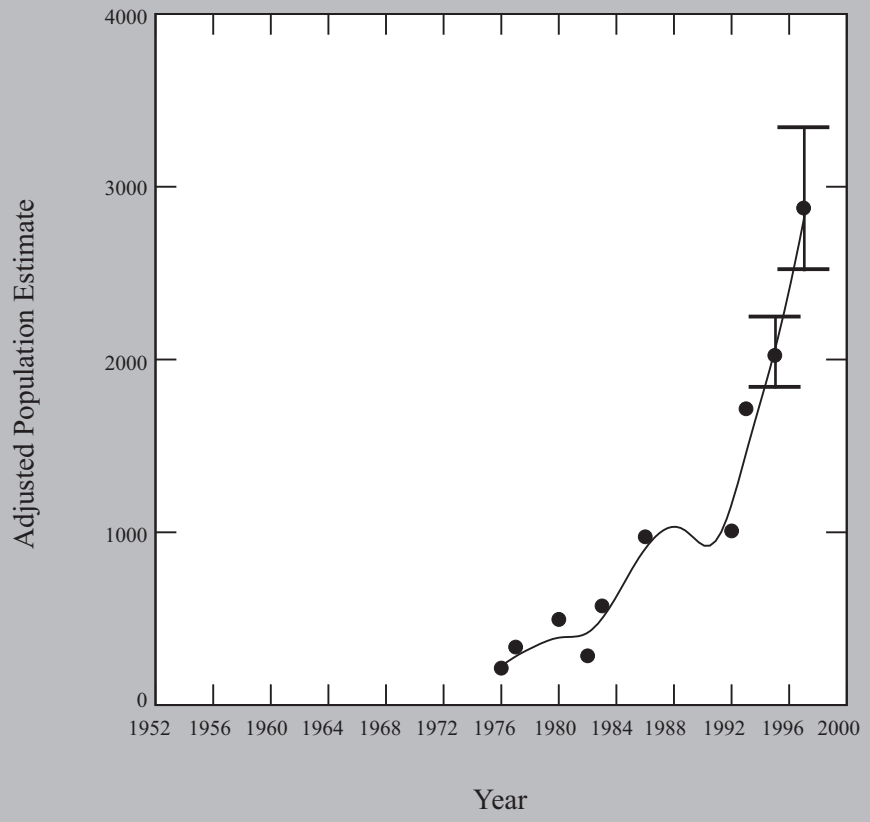


Fig. 14C-16. Population trajectory for the Gros Morne Caribou Herd, 1976-1997. Population estimates were obtained from telemetry group census surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

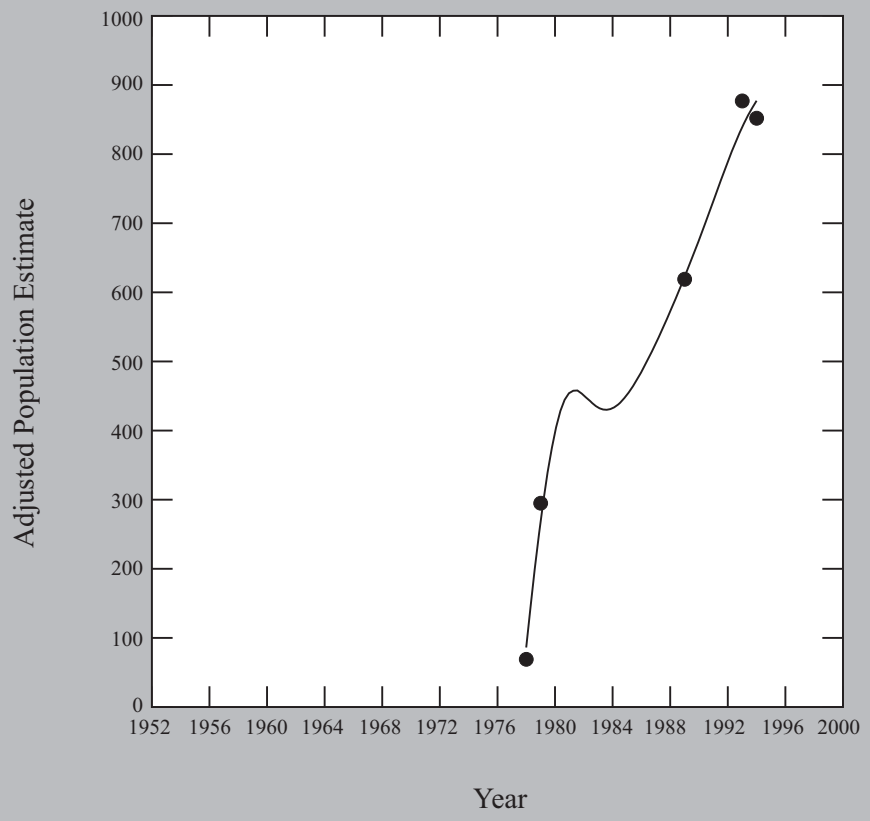


Fig. 14C-17. Population trajectory for the Hampden Downs Caribou Herd, 1978-1994. Population estimates were obtained from total area, strip, and block surveys. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

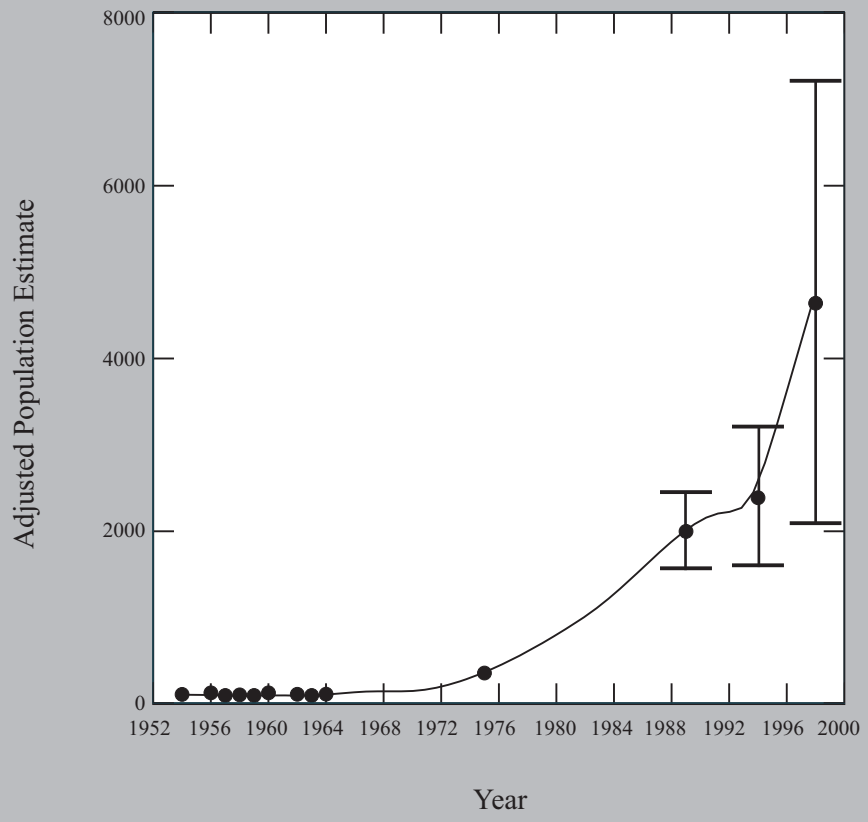


Fig. 14C-18. Population trajectory for the Humber Caribou Herd, 1954-1998. Population estimates were obtained from strip and block surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

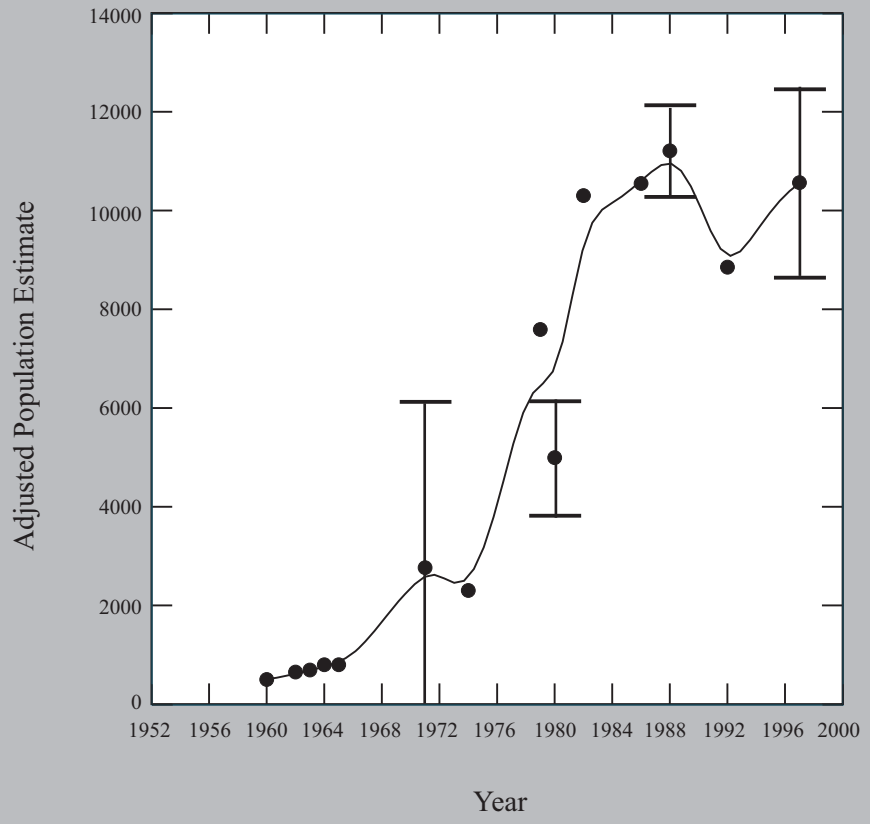


Fig. 14C-19. Population trajectory for the La Poile Caribou Herd, 1960-1997. Population estimates were obtained from strip, block, and mark-recapture surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

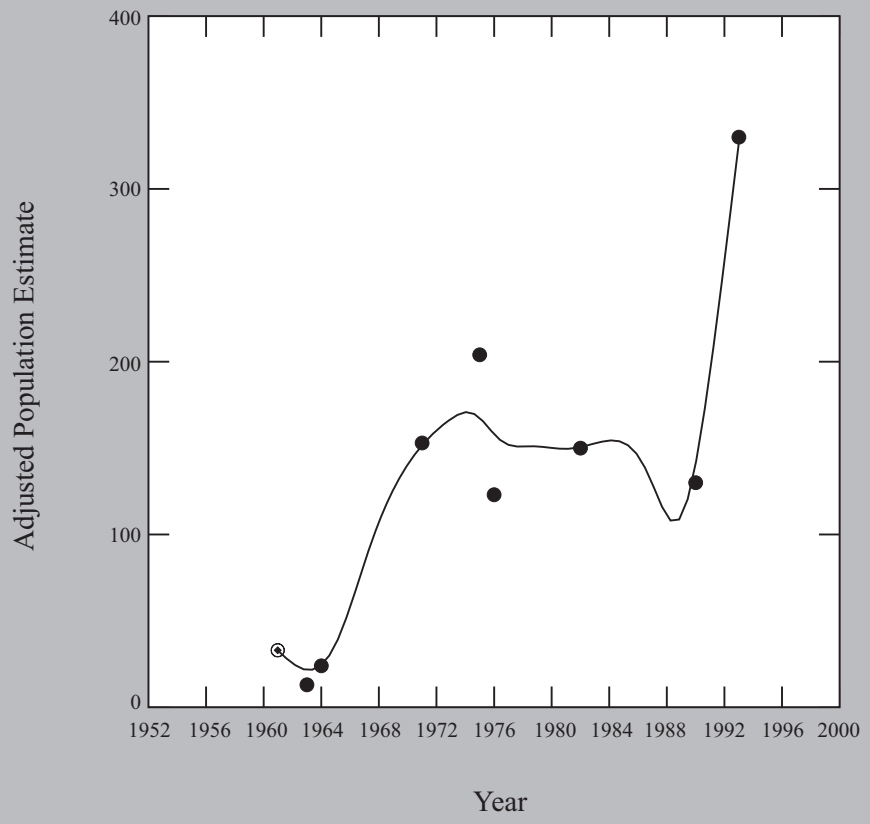


Fig. 14C-20. Population trajectory for the Merasheen Island Caribou Herd, 1961-1993. Number of Introduced animals are indicated by ⊛. Population estimates were obtained from total area surveys. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

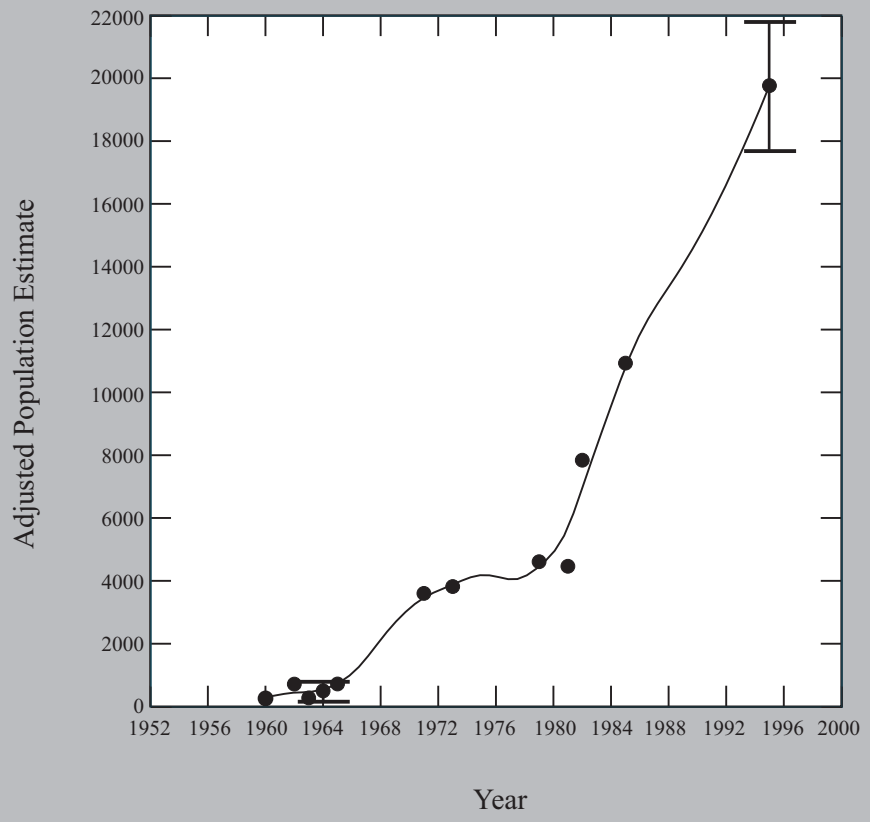


Fig. 14C-21. Population trajectory for the Middle Ridge Caribou Herd, 1960-1995. Population estimates were obtained from total area, strip, block, and mark-recapture surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

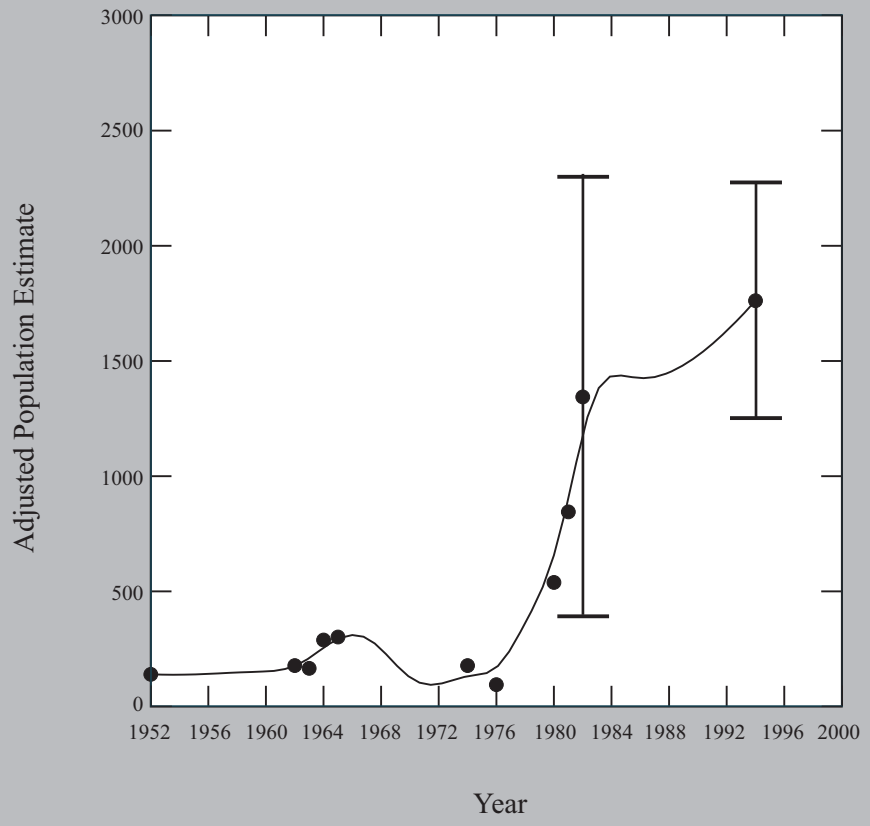


Fig. 14C-22. Population trajectory for the Mount Peyton Caribou Herd, 1952-1994. Population estimates were obtained from total area, strip, and block surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

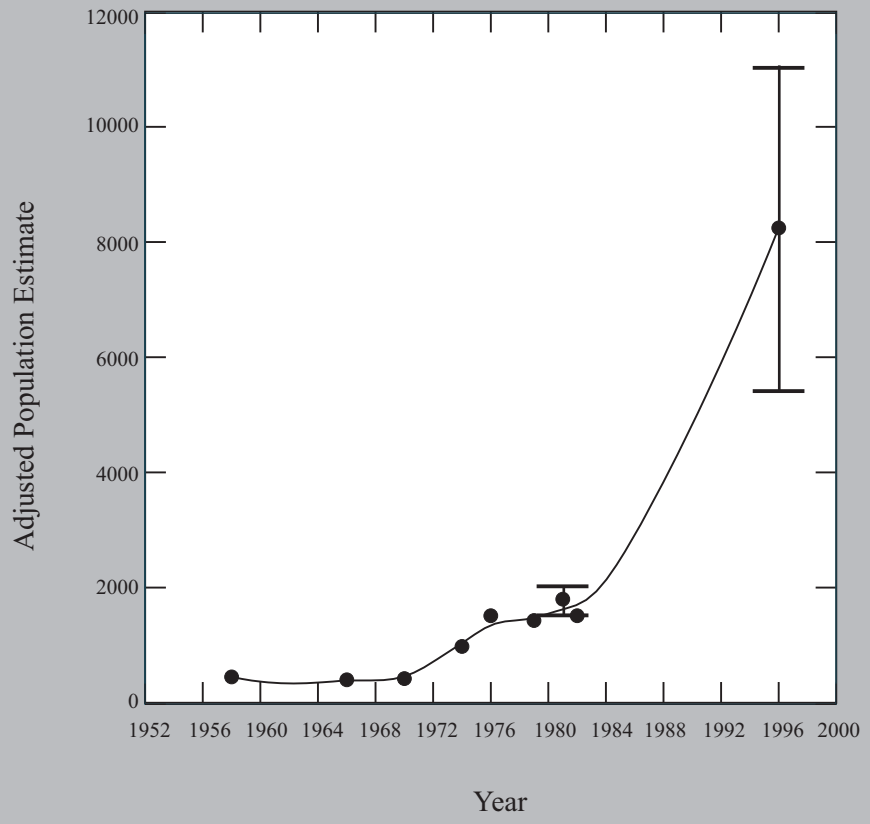


Fig. 14C-23. Population trajectory for the Northern Peninsula Caribou Herd, 1958-1996. Population estimates were obtained from strip and block surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

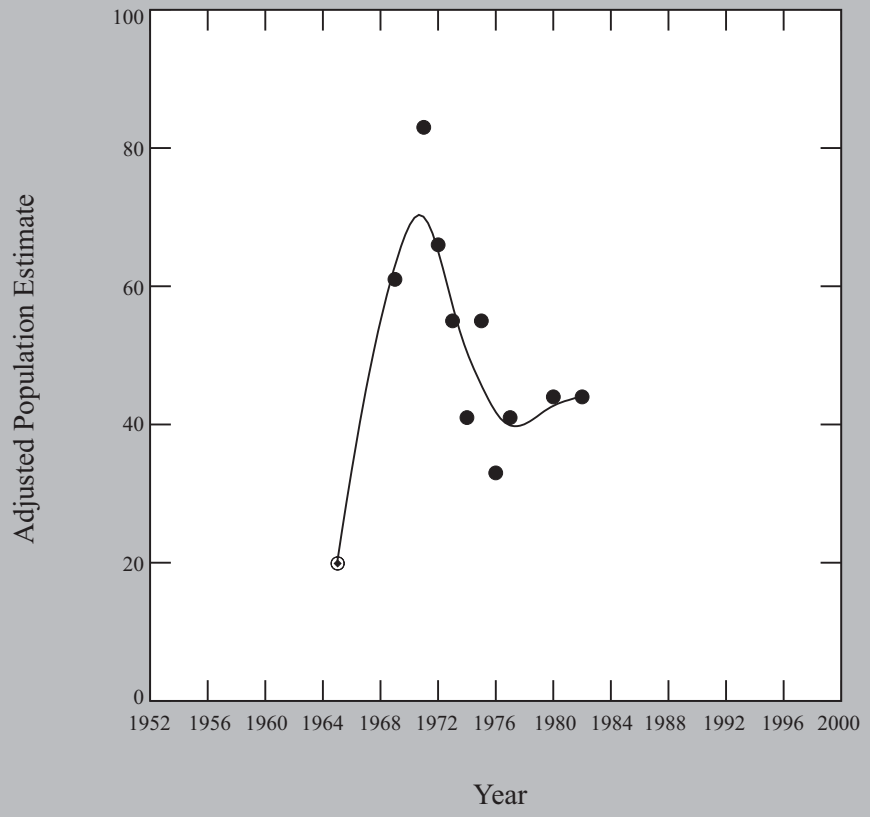


Fig. 14C-24. Population trajectory for the Port Au Port Caribou Herd, 1964-1982. Number of Introduced animals are indicated by ⊙. Population estimates were obtained from total area surveys. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

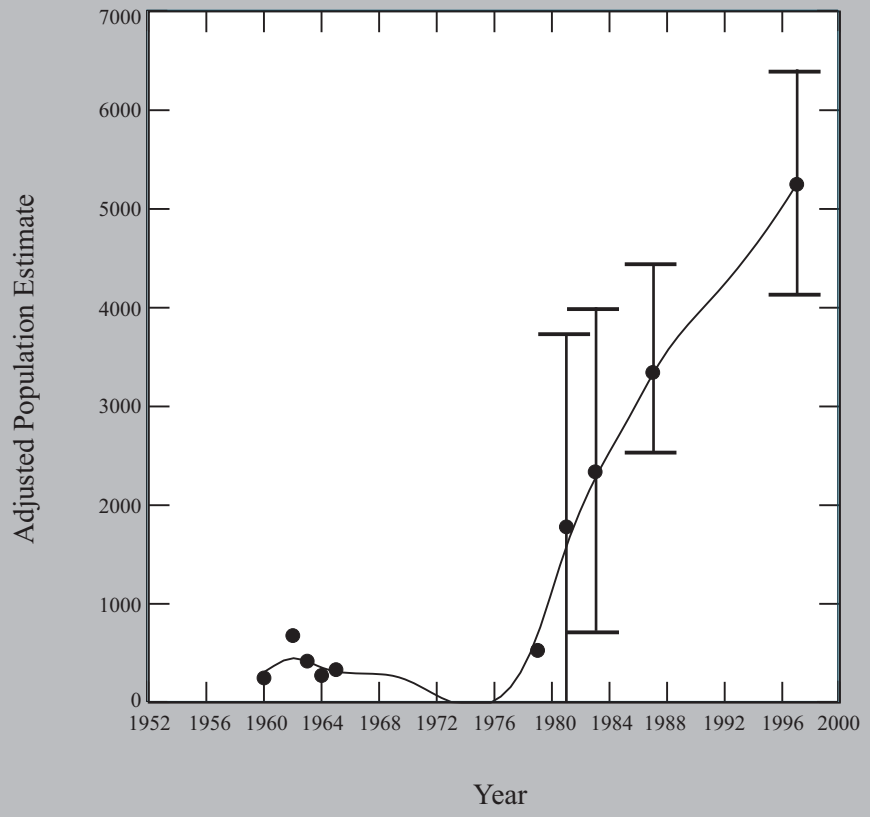


Fig. 14C-25. Population trajectory for the Pot Hill Caribou Herd, 1960-1997. Population estimates were obtained from strip and mark-recapture surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

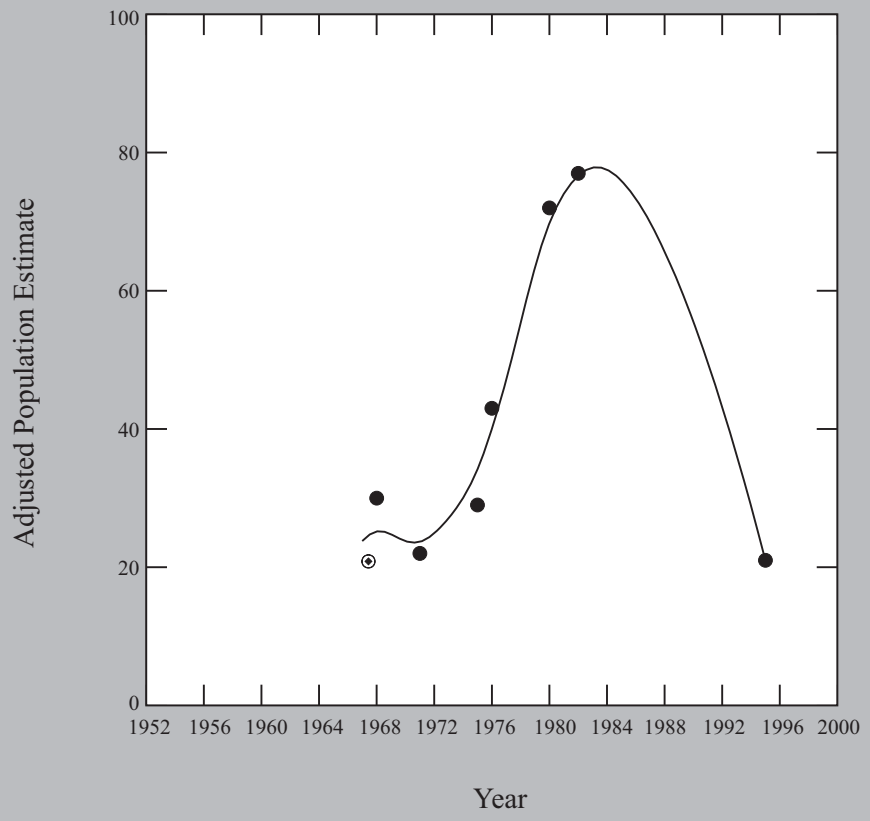


Fig. 14C-26. Population trajectory for the Random Island Caribou Herd, 1964-1995. Number of Introduced animals are indicated by ⊛. Population estimates were obtained from total area surveys. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

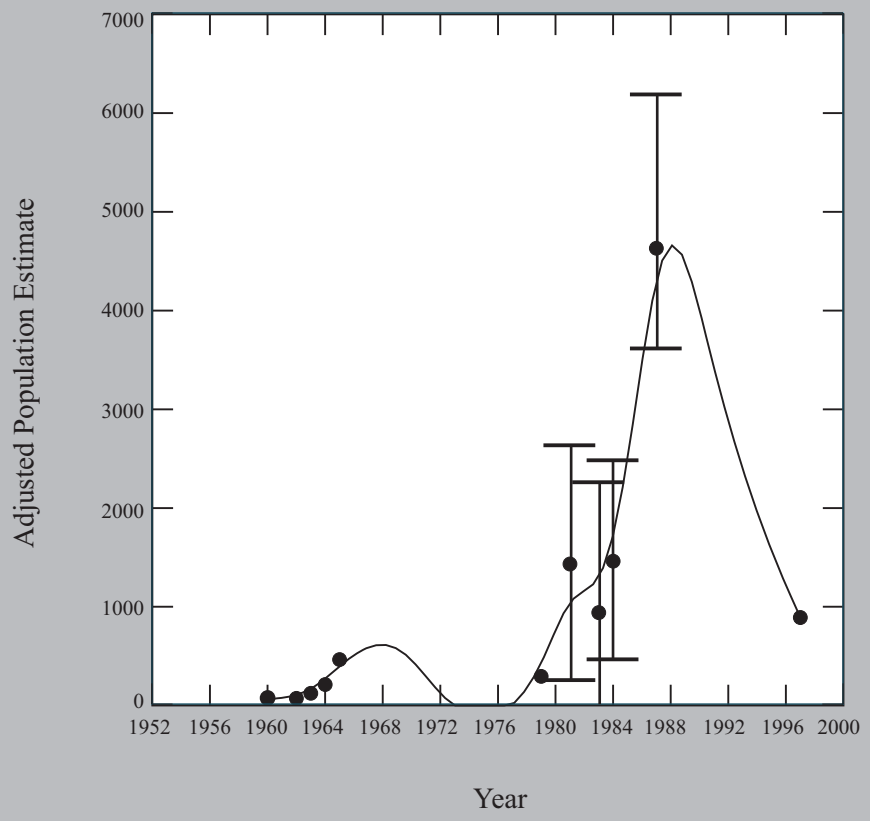


Fig. 14C-27. Population trajectory for the Sandy Lake Caribou Herd, 1960-1997. Population estimates were obtained from total area, strip, and mark-recapture surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

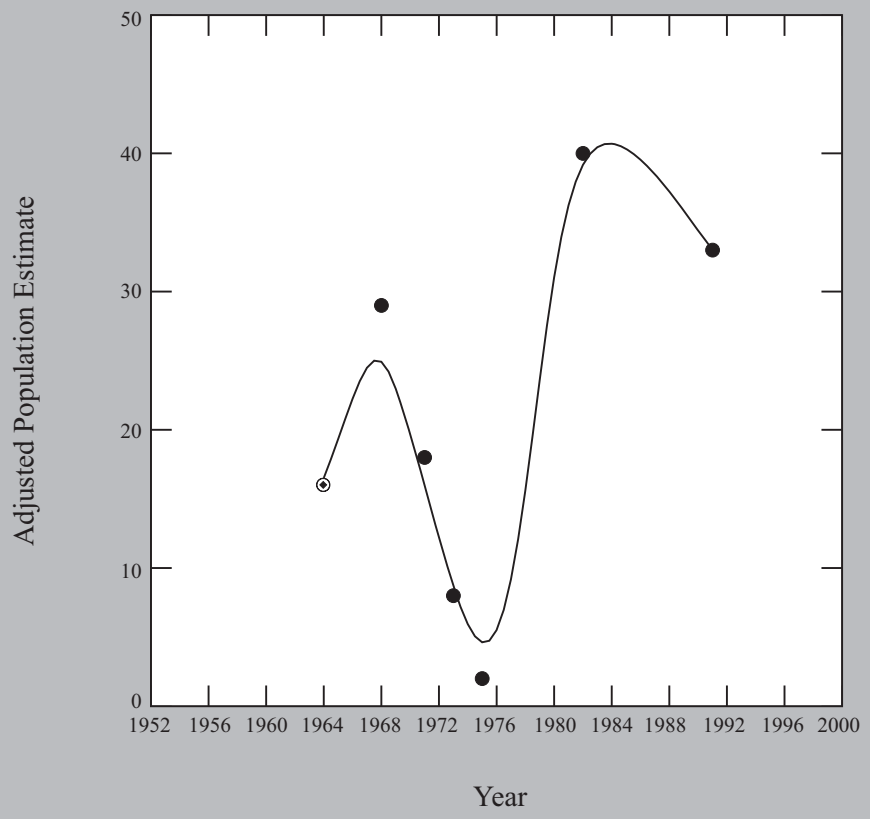


Fig. 14C-28. Population trajectory for the Sound Island Caribou Herd, 1961-1991. Number of Introduced animals are indicated by ⦿ . Population estimates were obtained from total area surveys. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

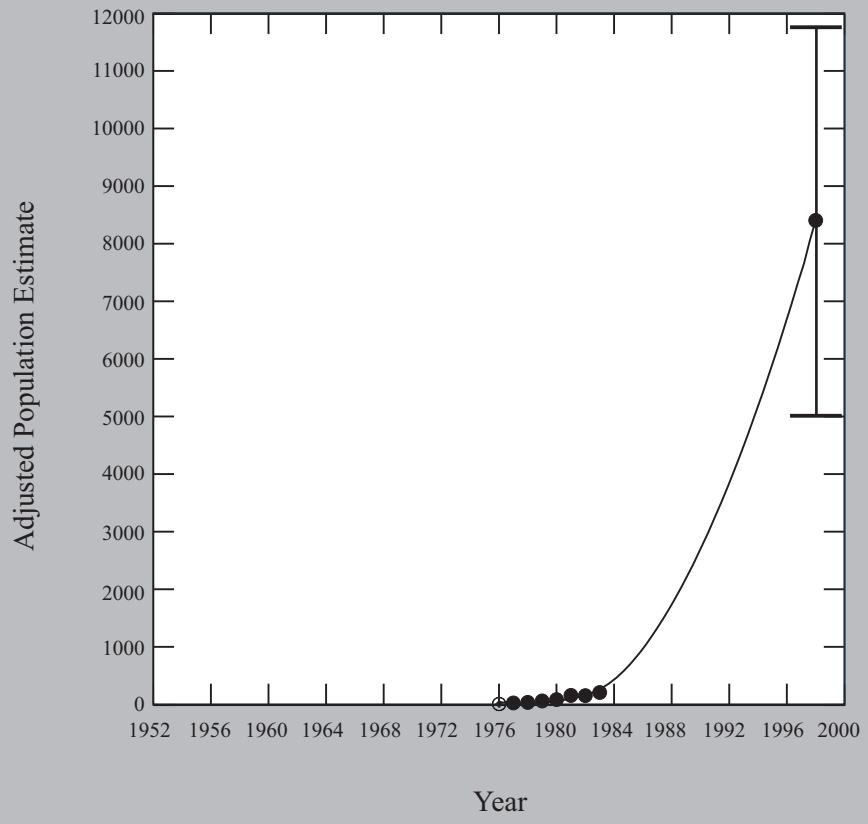


Fig. 14C-29. Population trajectory for the St. Anthony Caribou Herd, 1976-1998. Number of Introduced animals are indicated by ⊛. Population estimates were obtained from total area, strip, and block surveys. Upper and lower 90% confidence intervals are shown when available. The trajectory line was determined using the Distance Weighted Least Squares (DWLS) smoothing procedure available in SYSTAT. Tension was set at 10%.

Table 14C-1. Density estimates for insular Newfoundland caribou herds 1952 - 1998. Survey density is based on the total area flown during the survey. Standardized density is based on annual home range area estimates (75% harmonic mean and 95% minimum convex polygon) from radio-telemetry data where available and on the most extensive area ever surveyed for each herd. Caribou area was determined by overlaying the survey area with a grid consisting of 4 km^2 blocks and counting all blocks containing caribou. Caribou density was determined by dividing the population estimate by the total area of the blocks containing caribou.

Herd	Date (y/m/d)	Population Estimate	Survey		Standardized				Most Extensive Survey		Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range					
			Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)
Avalon	56/10	71							3,509	0.02		
	57/10	86							3,509	0.02		
	58/10	86							3,509	0.02		
	59/10	112							3,509	0.03		
	60/10	206							3,509	0.06		
	61/10	350							3,509	0.10		
	62/01/12	381	1,671	0.23					3,509	0.11	148	2.34
	63/01/16	371	1,097	0.34					3,509	0.11	148	2.28
	64/10	438							3,509	0.12	240	1.66
	65/10/15	570	753	0.76					3,509	0.16	256	2.02
	66/10	650							3,509	0.19		
	67/10	720							3,509	0.21		
	70/	1,230							3,509	0.35		
	71/01	1,560							3,509	0.44		
	73/	1,969							3,509	0.56		
	75/12/1	1,537							3,509	0.44		
	76/06/1	1,982							3,509	0.56		
	77/	2,653							3,509	0.76		
	81/05/28	2,422	1,600	1.51					3,509	0.69		
	82/01/22	1,705	2,100	0.81					3,509	0.49	152	3.47
	90/10/24	6,361	1,917	3.32					3,509	1.81	736	2.79
	96/03/01	7,104	1,676	4.24					3,509	2.02	648	1.85
	98/04/16	1,845	3,509	0.53					3,509	0.53		
Baie Verte	74/11/18	29							4,159	0.01		
	78/	110							4,159	0.03		
	80/04/25	85							4,159	0.02		
	82/	220							4,159	0.05		
	96/02/5-	605	4,159	0.15					4,159	0.15		
Bay de Verde	87-90	40							733	0.05		
	94/01	86							733	0.12		
	95/11/24	102	733	0.14					733	0.14		

Table 14C-1 (con'd). Density estimates for insular Newfoundland caribou herds 1952 - 1998. Survey density is based on the total area flown during the survey. Standardized density is based on annual home range area estimates (75% harmonic mean and 95% minimum convex polygon) from radio-telemetry data where available and on the most extensive area ever surveyed for each herd. Caribou area was determined by overlaying the survey area with a grid consisting of 4 km^2 blocks and counting all blocks containing caribou. Caribou density was determined by dividing the population estimate by the total area of the blocks containing caribou.

Herd	Date (y/m/d)	Population Estimate	Survey		Standardized				Most Extensive Survey		Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range					
			Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)
Blow Me Down Mountains	81/05/28	89										
	85/11/17	96										
Brunette Island	62/	17	22	0.78					22	0.78		
	63/11	30	22	1.38					22	1.38		
	64/11	39	22	1.80					22	1.80		
	65/11	59	22	2.72					22	2.72		
	66/11	86	22	3.96					22	3.96		
	67/11	110	22	5.07					22	5.07		
	72/03/11	18	22	0.83					22	0.83		
	73/05	29	22	1.34					22	1.34		
	74/03/10	19	22	0.88					22	0.88		
	75/11/17	31	22	1.43					22	1.43		
	76/09/26	39	22	1.80					22	1.80		
	77/04/18	39	22	1.80					22	1.80		
	81/	76	22	3.50					22	3.50		
	82/	100	22	4.61					22	4.61		
	96/10/19	75	22	3.45					22	3.45		
Buchans	60/11	450			4,977	0.09	14,262	0.03	2,875	0.16		
	62/11	1,000			4,977	0.20	14,262	0.07	2,875	0.35		
	63/11	643			4,977	0.13	14,262	0.05	2,875	0.22		
	64/11	1,342			4,977	0.27	14,262	0.09	2,875	0.47		
	65/11	892			4,977	0.18	14,262	0.06	2,875	0.31		
	71/01	2,400			4,977	0.48	14,262	0.17	2,875	0.83		
	73/	3,366			4,977	0.68	14,262	0.24	2,875	1.17		
	74/	2,760			4,977	0.55	14,262	0.19	2,875	0.96		
	75/	2,772			4,977	0.56	14,262	0.19	2,875	0.96		
	77/06	2,466	1,326	1.86	4,977	0.50	14,262	0.17	2,875	0.86	228	2.63
	78/06/07	2,045	327	6.25	4,977	0.41	14,262	0.14	2,875	0.71	248	2.19
	80/05/09	1,674	1,537	1.09	4,977	0.34	14,262	0.12	2,875	0.58	356	1.24
	82/06/07	4,470	840	5.32	4,977	0.90	14,262	0.31	2,875	1.55	104	5.89
	94/06/13	9,834	2,875	3.42	4,977	1.98	14,262	0.69	2,875	3.42	384	4.47
	95/06/30	6,669	1,200	5.56	4,977	1.34	14,262	0.47	2,875	2.32	436	3.01

Table 14C-1 (con'd). Density estimates for insular Newfoundland caribou herds 1952 - 1998. Survey density is based on the total area flown during the survey. Standardized density is based on annual home range area estimates (75% harmonic mean and 95% minimum convex polygon) from radio-telemetry data where available and on the most extensive area ever surveyed for each herd. Caribou area was determined by overlaying the survey area with a grid consisting of 4 km^2 blocks and counting all blocks containing caribou. Caribou density was determined by dividing the population estimate by the total area of the blocks containing caribou.

Herd	Date (y/m/d)	Population Estimate	Survey		Standardized				Most Extensive Survey		Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range					
			Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)
Burin Foot	81/03/10	236	1,229	0.19					1,229	0.19		
Burin Knee	81/03/10	424	693	0.61					693	0.61		
Burin Peninsula	64-67	68							1,922	0.04		
	75/	59							1,922	0.03		
	76/	66							1,922	0.03		
	77/	230							1,922	0.12		
	79/03	235							1,922	0.12		
	81/03/10	660	1,922	0.34					1,922	0.34		
	82/	91							1,922	0.05		
	90/	149							1,922	0.08		
	95/11/18	511	501	1.02					1,922	0.27		
Cape Shore	76-77	28							590	0.05		
	78/	34							590	0.06		
	79/	45							590	0.08		
	80/	59							590	0.10		
	81/	86							590	0.15		
	82/	121							590	0.21		
	83/	141							590	0.24		
	84/10/10	202							590	0.34		
	91/03/25	1,003	476	2.11					590	1.70		
	93/06/18	1,097							590	1.86		
	94/05/04	1,157	590	1.96					590	1.96		
Corner Brook Lakes	96/03	1,140			291	3.92	601	1.89				
	97/03	691			291	2.37	601	1.15				
Fogo Island	64-67	26	255	0.10					255	0.10		
	71/10/15	101	255	0.40					255	0.40		
	72/06/15	75	255	0.29					255	0.29		
	73/03	110	255	0.43					255	0.43		
	74/03/09	99	255	0.39					255	0.39		

Table 14C-1 (con'd). Density estimates for insular Newfoundland caribou herds 1952 - 1998. Survey density is based on the total area flown during the survey. Standardized density is based on annual home range area estimates (75% harmonic mean and 95% minimum convex polygon) from radio-telemetry data where available and on the most extensive area ever surveyed for each herd. Caribou area was determined by overlaying the survey area with a grid consisting of 4 km^2 blocks and counting all blocks containing caribou. Caribou density was determined by dividing the population estimate by the total area of the blocks containing caribou.

Herd	Date (y/m/d)	Population Estimate	Survey		Standardized				Most Extensive Survey		Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range					
			Area (km^2)	Density (caribou/km^2)	Area (km^2)	Density (caribou/km^2)	Area (km^2)	Density (caribou/km^2)	Area (km^2)	Density (caribou/km^2)	Area (km^2)	Density (caribou/km^2)
Fogo Island (con'd)	77/05	233	255	0.91					255	0.91		
	82/	198	255	0.78					255	0.78		
	92/03/26	187	255	0.73					255	0.73		
	94/01/06	241	255	0.95					255	0.95		
	96/10	211	255	0.83					255	0.83		
Gaff Topsails	69/01/22	720							3,334	0.22		
	73/	904							3,334	0.27		
	74/02/21	1,430							3,334	0.43		
	75/06/06	1,828							3,334	0.55		
	76/02/21	1,320							3,334	0.40		
	80/02/04	3,089	2,654	1.16					3,334	0.93		
	82/06/08	2,795	3,275	0.85					3,334	0.84		
	89/05/29	5,980	3,334	1.79					3,334	1.79		
Gregory Plateau	65-67	25										
	83/02/24	235										
	87/	360										
Grey Islands	64/	8	141	0.06					141	0.06		
	74/	101	141	0.72					141	0.72		
	76/02/28	120	141	0.85					141	0.85		
	77/05/5	241	141	1.71					141	1.71		
	79/11/01	165	141	1.17					141	1.17		
	82/	286	141	2.03					141	2.03		
	85/02/19	179	141	1.27					141	1.27		
	89/	459	141	3.26					141	3.26		
	92/04/28	578	141	4.10					141	4.10		
Grey River	60/11	1,200			3,514	0.34	7,460	0.16	9,334	0.13		
	62/07/04	1,300			3,514	0.37	7,460	0.17	9,334	0.14		
	63/11	1,800			3,514	0.51	7,460	0.24	9,334	0.19		
	64/11	1,772			3,514	0.50	7,460	0.24	9,334	0.19		
	65/06/16	3,024			3,514	0.86	7,460	0.41	9,334	0.32		
	71/01/25	5,495	2,558	2.15	3,514	1.56	7,460	0.74	9,334	0.59	476	1.63
	73/01/25	5,116			3,514	1.46	7,460	0.69	9,334	0.55		

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Herd	Date (y/m/d)	Population Estimate	Survey		Standardized				Most Extensive Survey		Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range					
			Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)
Grey River (con'd)	74/02/15	4,824	9,349	0.52	3,514	1.37	7,460	0.65	9,334	0.52	384	1.78
	75/	5,400			3,514	1.54	7,460	0.72	9,334	0.58		
	80/02/13	8,208	6,186	1.33	3,514	2.34	7,460	1.10	9,334	0.88	496	1.19
	81/06/03	11,869	9,334	1.27	3,514	3.38	7,460	1.59	9,334	1.27	976	1.36
	82/12	8,611	2,400	3.59	3,514	2.45	7,460	1.15	9,334	0.92		
	83/06/08	10,268	8,553	1.20	3,514	2.92	7,460	1.38	9,334	1.10	588	1.89
	87/11	10,108			3,514	2.88	7,460	1.36	9,334	1.08	552	3.09
	97/02	16,475	9,375	1.76	3,514	4.69	7,460	2.21	9,334	1.77	1,432	3.42
Gros Morne	76/	214	1,960	0.11	1,396	0.15	3,960	0.05	1,960	0.11		
	77/	336	1,960	0.17	1,396	0.24	3,960	0.08	1,960	0.17		
	80/	496	1,960	0.25	1,396	0.36	3,960	0.13	1,960	0.25		
	82/06/11	285	1,960	0.15	1,396	0.20	3,960	0.07	1,960	0.15		
	83/	574	1,960	0.29	1,396	0.41	3,960	0.14	1,960	0.29		
	86/06/12	974	1,960	0.50	1,396	0.70	3,960	0.25	1,960	0.50		
	92/06/12	1,008	1,960	0.51	1,396	0.72	3,960	0.25	1,960	0.51		
	93/06/10	1,715	1,960	0.88	1,396	1.23	3,960	0.43	1,960	0.88		
	95/07/20	2,024	1,960	1.03	1,396	1.45	3,960	0.51	1,960	1.03		
	97/06/27	2,877	1,960	1.47	1,396	2.06	3,960	0.73	1,960	1.47		
Hampden Downs	78/06/16	69							584	0.12		
	79/03/28	295							584	0.51		
	89/12/15	619	584	1.06					584	1.06		
	93/02/18	877							584	1.50		
	94/01/24	852							584	1.46		
Humber	54/11	112							6,635	0.02		
	56/11	130							6,635	0.02		
	57/11	100							6,635	0.02		
	58/11	106							6,635	0.02		
	59/11	100							6,635	0.02		
	60/11	130							6,635	0.02		
	62/11	114							6,635	0.02		
	63/11	100							6,635	0.02		
	64/11	115							6,635	0.02		

Table 14C-1 (con'd). Density estimates for insular Newfoundland caribou herds 1952 - 1998. Survey density is based on the total area flown during the survey. Standardized density is based on annual home range area estimates (75% harmonic mean and 95% minimum convex polygon) from radio-telemetry data where available and on the most extensive area ever surveyed for each herd. Caribou area was determined by overlaying the survey area with a grid consisting of 4 km^2 blocks and counting all blocks containing caribou. Caribou density was determined by dividing the population estimate by the total area of the blocks containing caribou.

Herd	Date (y/m/d)	Population Estimate	Survey		Standardized						Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range		Most Extensive Survey			
			Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)
Humber (con'd)	75/	360							6,635	0.05		
	89/12/11	1,999	985	2.03					6,635	0.30		
	94/03/24	2,389	6,635	0.36					6,635	0.36		
	98/02/23	4,640	3,250	1.43					6,635	0.70		
La Poile	60/11	500			3,580	0.14	6,883	0.07	11,938	0.04		
	62/11	650			3,580	0.18	6,883	0.09	11,938	0.05		
	63/11	692			3,580	0.19	6,883	0.10	11,938	0.06		
	64/11	800			3,580	0.22	6,883	0.12	11,938	0.07		
	65/11	800			3,580	0.22	6,883	0.12	11,938	0.07		
	71/02/17	2,765	2,992	0.92	3,580	0.77	6,883	0.40	11,938	0.23	56	5.43
	74/03/08	2,304			3,580	0.64	6,883	0.33	11,938	0.19		
	79/02/17	7,590	11,938	0.64	3,580	2.12	6,883	1.10	11,938	0.64		
	80/03/29	4,994	4,540	1.10	3,580	1.39	6,883	0.73	11,938	0.42		
	82/02/18	10,303	1,176	8.76	3,580	2.88	6,883	1.50	11,938	0.86		
	86/01	9,937	1,406	7.07	3,580	2.78	6,883	1.44	11,938	0.83		
	86/05	10,548			3,580	2.95	6,883	1.53	11,938	0.88		
	88/02	11,210			3,580	3.13	6,883	1.63	11,938	0.94	808	4.92
	92/03/19	8,853			3,580	2.47	6,883	1.29	11,938	0.74	548	2.53
	97/	10,565	2,607	4.05	3,580	2.95	6,883	1.53	11,938	0.89		
Merasheen Island	61-65	36	125	0.29					125	0.29		
	63/01/11	13	125	0.10					125	0.10		
	64/04/12	24	125	0.19					125	0.19		
	71/11/30	153	125	1.22					125	1.22		
	75/	204	125	1.63					125	1.63		
	76/11/12	123	125	0.98					125	0.98		
	82/04	150	125	1.20					125	1.20		
	90/10/11	130	125	1.04					125	1.04		
	93/02/13	330	125	2.64					125	2.64		
Middle Ridge	60/06	257			1,398	0.18	6,281	0.04	14,076	0.02		
	62/06/25	712			1,398	0.51	6,281	0.11	14,076	0.05	152	3.32
	63/01	275			1,398	0.20	6,281	0.04	14,076	0.02		
	64/02	498	12,576	0.04	1,398	0.36	6,281	0.08	14,076	0.04	44	1.20

Table 14C-1 (con'd). Density estimates for insular Newfoundland caribou herds 1952 - 1998. Survey density is based on the total area flown during the survey. Standardized density is based on annual home range area estimates (75% harmonic mean and 95% minimum convex polygon) from radio-telemetry data where available and on the most extensive area ever surveyed for each herd. Caribou area was determined by overlaying the survey area with a grid consisting of 4 km^2 blocks and counting all blocks containing caribou. Caribou density was determined by dividing the population estimate by the total area of the blocks containing caribou.

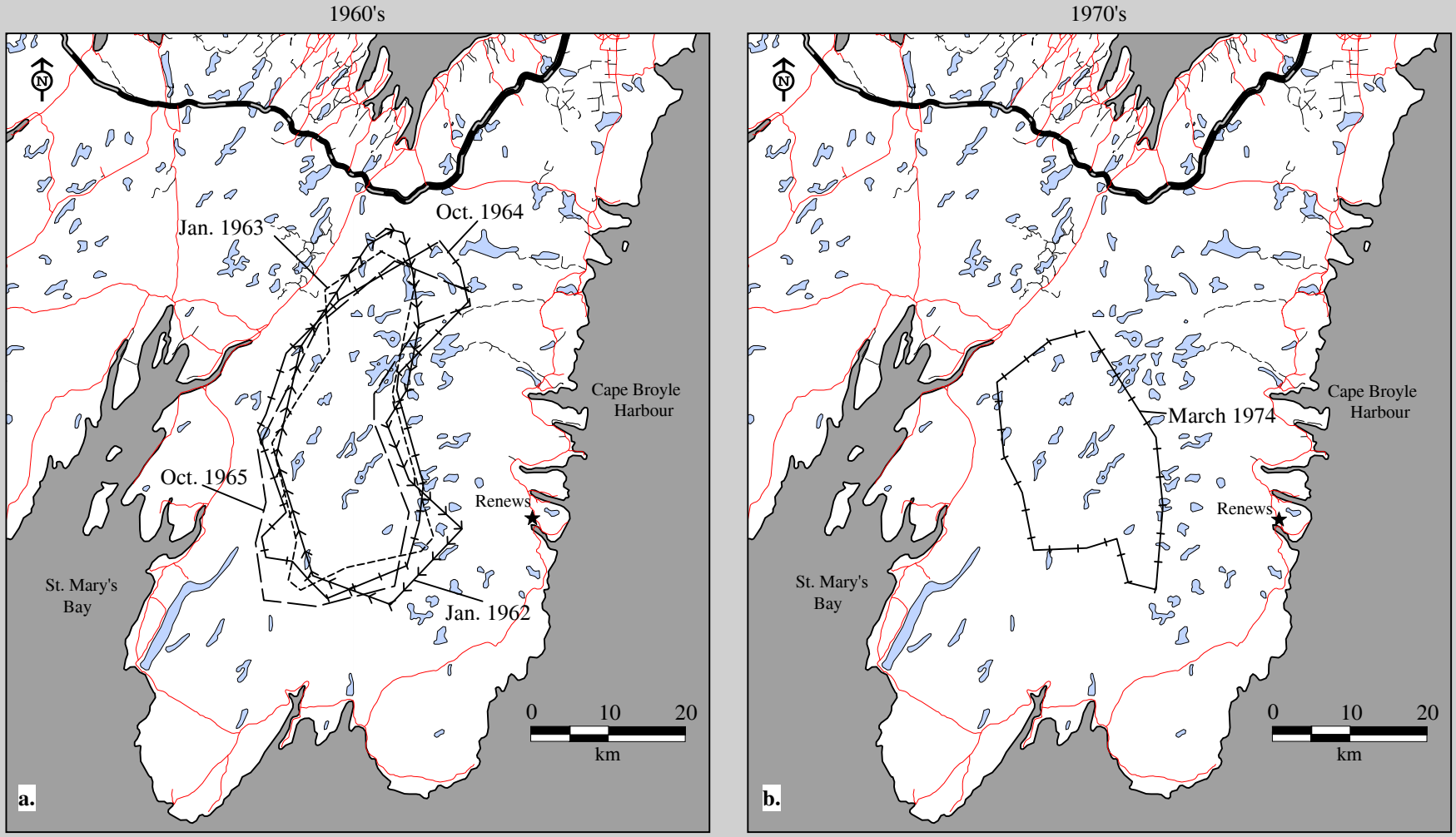
Herd	Date (y/m/d)	Population Estimate	Survey		Standardized						Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range		Most Extensive Survey			
			Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)
Middle Ridge (con'd)	65/06	718	14,076	0.05	1,398	0.51	6,281	0.11	14,076	0.05		
	71/1/15	3,600			1,398	2.58	6,281	0.57	14,076	0.26	120	2.44
	73/	3,820			1,398	2.73	6,281	0.61	14,076	0.27		
	79/06/17	4,608			1,398	3.30	6,281	0.73	14,076	0.33	148	3.85
	81/01/30	3,718			1,398	2.66	6,281	0.59	14,076	0.26	356	3.18
	82/12	7,841	1,200	6.53	1,398	5.61	6,281	1.25	14,076	0.56		
	95/03/03	19,765	5,691	3.47	1,398	14.14	6,281	3.15	14,076	1.40	1,772	2.97
Mount Peyton	52/07/04	140			1,539	0.09	4,459	0.03	515	0.27		
	62/11	178			1,539	0.12	4,459	0.04	515	0.35	92	2.74
	63/11	166			1,539	0.11	4,459	0.04	515	0.32		
	64/02/07	289	195	1.48	1,539	0.19	4,459	0.06	515	0.56		
	65/06/25	302	72	4.19	1,539	0.20	4,459	0.07	515	0.59		
	74/02/25	178	176	1.01	1,539	0.12	4,459	0.04	515	0.35		
	76/	95			1,539	0.06	4,459	0.02	515	0.18		
	80/10/23	539			1,539	0.35	4,459	0.12	515	1.05	100	2.76
	82/06/18	1,344	515	2.61	1,539	0.87	4,459	0.30	515	2.61	160	2.73
	94/06/21	1,762	268	6.57	1,539	1.14	4,459	0.40	515	3.42	180	2.99
Northern Peninsula	58/11	450							17,686	0.03		
	66/11	400							17,686	0.02		
	70/04/02	420							17,686	0.02	64	2.59
	74/03/07	979							17,686	0.06	68	1.50
	76/02/18	1,512							17,686	0.09	56	1.55
	79/10/27	1,428							17,686	0.08	116	2.16
	81/06	1,799	3,000	0.60					17,686	0.10	200	1.32
	82/02/17	1,512							17,686	0.09	60	0.95
	96/03/13	8,246	17,686	0.47					17,686	0.47	1,256	1.37
Port Au Port	64-65	20	386	0.05					386	0.05		
	69/01/07	61	386	0.16					386	0.16		
	71/03/27	83	386	0.22					386	0.22		
	72/10/18	66	386	0.17					386	0.17		
	73/10/30	55	386	0.14					386	0.14		
	74/12/23	41	386	0.11					386	0.11		

Table 14C-1 (con'd). Density estimates for insular Newfoundland caribou herds 1952 - 1998. Survey density is based on the total area flown during the survey. Standardized density is based on annual home range area estimates (75% harmonic mean and 95% minimum convex polygon) from radio-telemetry data where available and on the most extensive area ever surveyed for each herd. Caribou area was determined by overlaying the survey area with a grid consisting of 4 km^2 blocks and counting all blocks containing caribou. Caribou density was determined by dividing the population estimate by the total area of the blocks containing caribou.

Herd	Date (y/m/d)	Population Estimate	Survey		Standardized				Most Extensive Survey		Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range					
			Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)
Port Au Port (con'd)	75/12/03	55	386	0.14					386	0.14		
	76/03/31	33	386	0.09					386	0.09		
	77/12/19	41	386	0.11					386	0.11		
	80/01/15	44	386	0.11					386	0.11		
	82/	44	386	0.11					386	0.11		
Pot Hill	60/11	250			2,126	0.12	8,154	0.03	1,171	0.21		
	62/06/27	676			2,126	0.32	8,154	0.08	1,171	0.58		
	63/11	420			2,126	0.20	8,154	0.05	1,171	0.36		
	64/11	275			2,126	0.13	8,154	0.03	1,171	0.23		
	65/11	334			2,126	0.16	8,154	0.04	1,171	0.29		
	79/06/07	529			2,126	0.25	8,154	0.06	1,171	0.45		
	81/06/03	1,780	453	3.93	2,126	0.84	8,154	0.22	1,171	1.52	324	0.90
	83/06/08	2,338	453	5.16	2,126	1.10	8,154	0.29	1,171	2.00		
	87/10	3,344	375	8.92	2,126	1.57	8,154	0.41	1,171	2.86	252	3.07
	97/02	5,250	1,171	4.48	2,126	2.47	8,154	0.64	1,171	4.48	848	1.76
Random Island	64-67	21	254	0.08					254	0.08		
	68/	30	254	0.12					254	0.12		
	71/11/30	22	254	0.09					254	0.09		
	75/	29	254	0.11					254	0.11		
	76/01/19	43	254	0.17					254	0.17		
	80/	72	254	0.28					254	0.28		
	82/	77	254	0.30					254	0.30		
	95/11/20	21	254	0.08					254	0.08		
Sandy Lake	60/11	76			1,541	0.05	3,229	0.02	873	0.09		
	62/11	73			1,541	0.05	3,229	0.02	873	0.08		
	63/11	124			1,541	0.08	3,229	0.04	873	0.14		
	64/11	212			1,541	0.14	3,229	0.07	873	0.24		
	65/06/22	465			1,541	0.30	3,229	0.14	873	0.53		
	79/06/07	295		0.43	1,541	0.19	3,229	0.09	873	0.34		
	81/06/03	1,433	589	2.43	1,541	0.93	3,229	0.44	873	1.64	264	0.80
	83/10/19	941	352	2.67	1,541	0.61	3,229	0.29	873	1.08	288	1.05

Table 14C-1 (con'd). Density estimates for insular Newfoundland caribou herds 1952 - 1998. Survey density is based on the total area flown during the survey. Standardized density is based on annual home range area estimates (75% harmonic mean and 95% minimum convex polygon) from radio-telemetry data where available and on the most extensive area ever surveyed for each herd. Caribou area was determined by overlaying the survey area with a grid consisting of 4 km^2 blocks and counting all blocks containing caribou. Caribou density was determined by dividing the population estimate by the total area of the blocks containing caribou.

Herd	Date (y/m/d)	Population Estimate	Survey		Standardized						Caribou	
					75% Harmonic Mean Home Range		95% Minimum Convex Polygon Home Range		Most Extensive Survey			
			Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)	Area (km^2)	Density (caribou /km^2)
Sandy Lake (con'd)	84/06/06	1,462	873	1.67	1,541	0.95	3,229	0.45	873	1.67		
	87/11	4,631	352	13.16	1,541	3.01	3,229	1.43	873	5.30	224	3.56
	97/02	1,070	340	3.15	1,541	0.69	3,229	0.33	873	1.23		
Sound Island	61-64	16	14	1.14					14	1.14		
	68/	29	14	2.07					14	2.07		
	71/11/30	18	14	1.29					14	1.29		
	73/	8	14	0.57					14	0.57		
	75/12/10	2	14	0.14					14	0.14		
	82/	40	14	2.86					14	2.86		
	91/06/27	33	14	2.36					14	2.36		
St. Anthony	76-82	21							4,132	0.01		
	77/	26							4,132	0.01		
	78/	36							4,132	0.01		
	79/	61							4,132	0.01		
	80/	85							4,132	0.02		
	81/06/18	157							4,132	0.04		
	82/	154							4,132	0.04		
	83/	207							4,132	0.05		
	98/01/28	8,405	4,132	2.03					4,132	2.03		



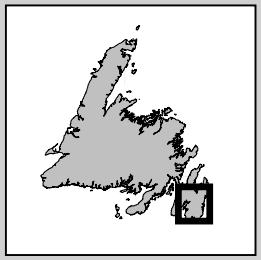
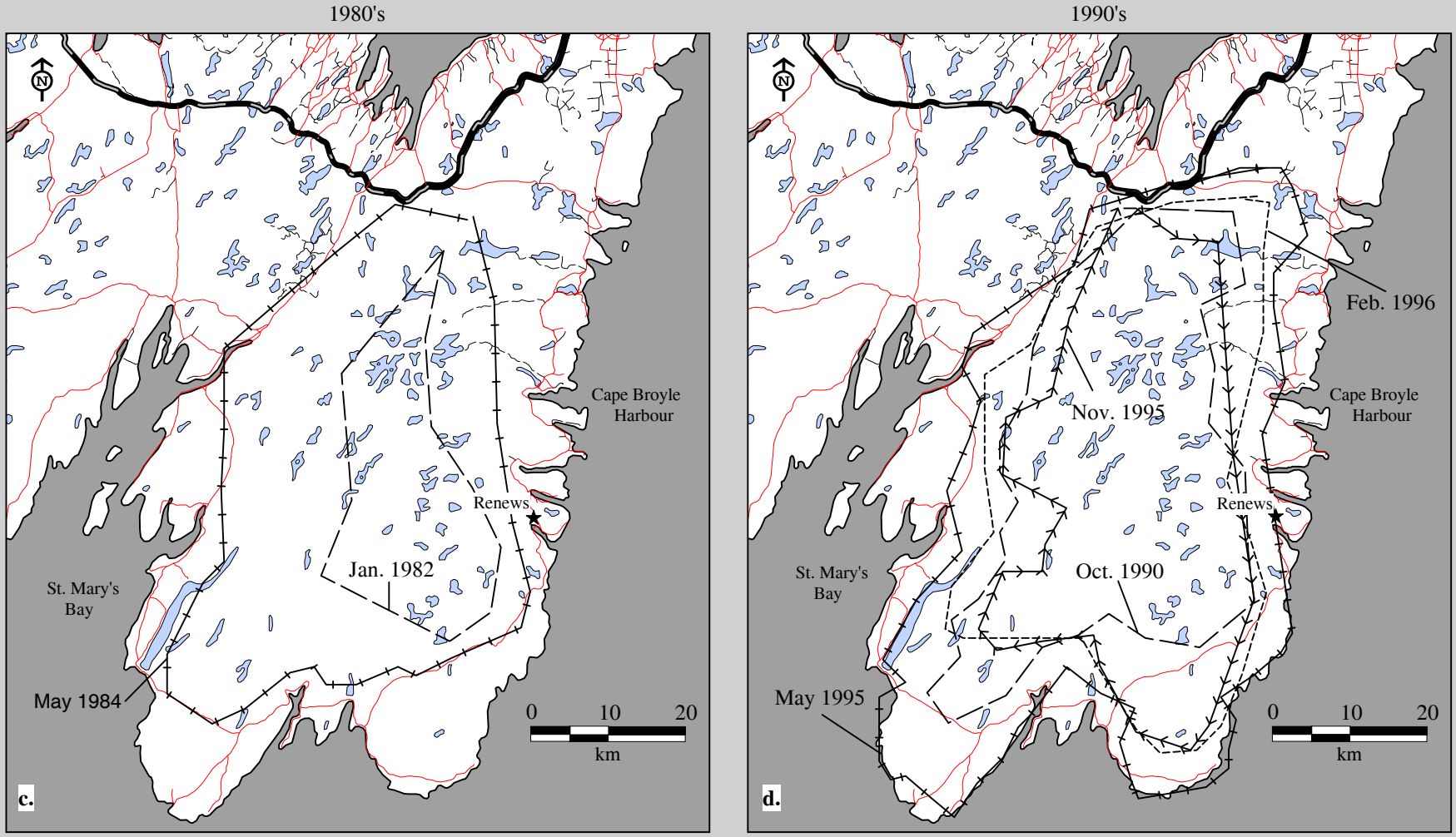


Fig. 14C-30. Avalon Caribou Herd distribution from population surveys conducted in a. the 1960's and b. the 1970's.



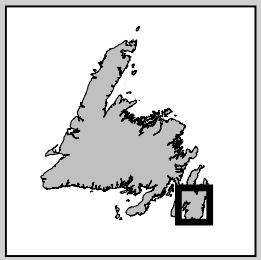
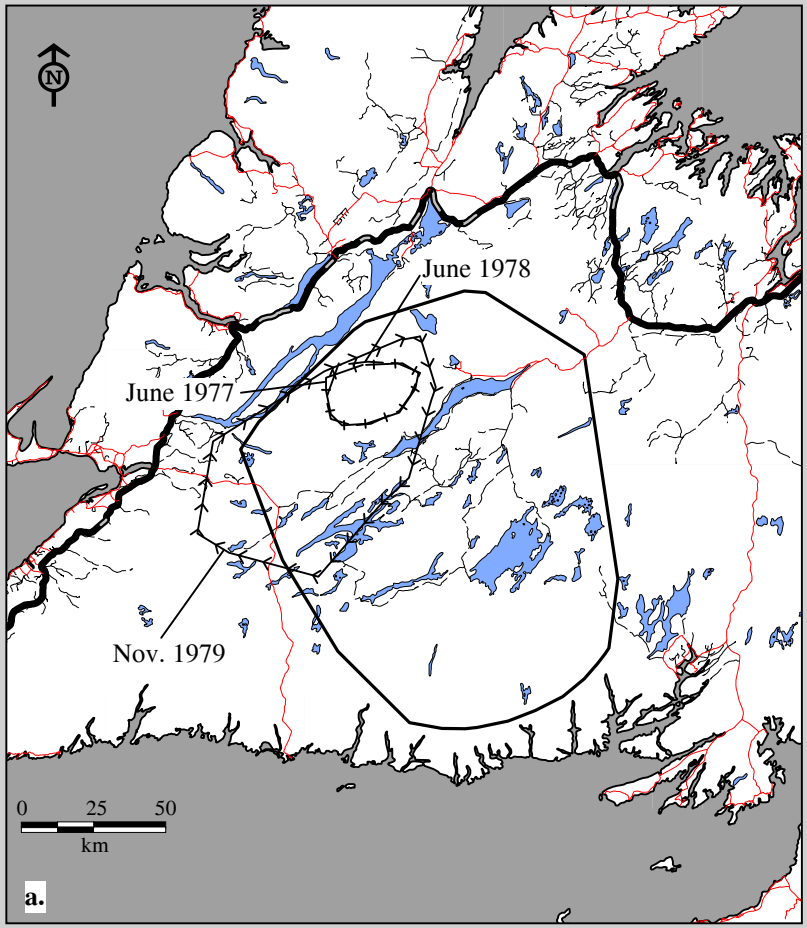


Fig. 14C-30 (con'd). Avalon Caribou Herd distribution from population surveys conducted in c. the 1980's and d. the 1990's.

1970's



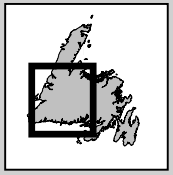


Fig. 14C-31. Buchans Caribou Herd distribution from population surveys conducted in a. the 1970's. (——) 95% minimum convex polygon home range area from telemetry data 1994 - 1998.

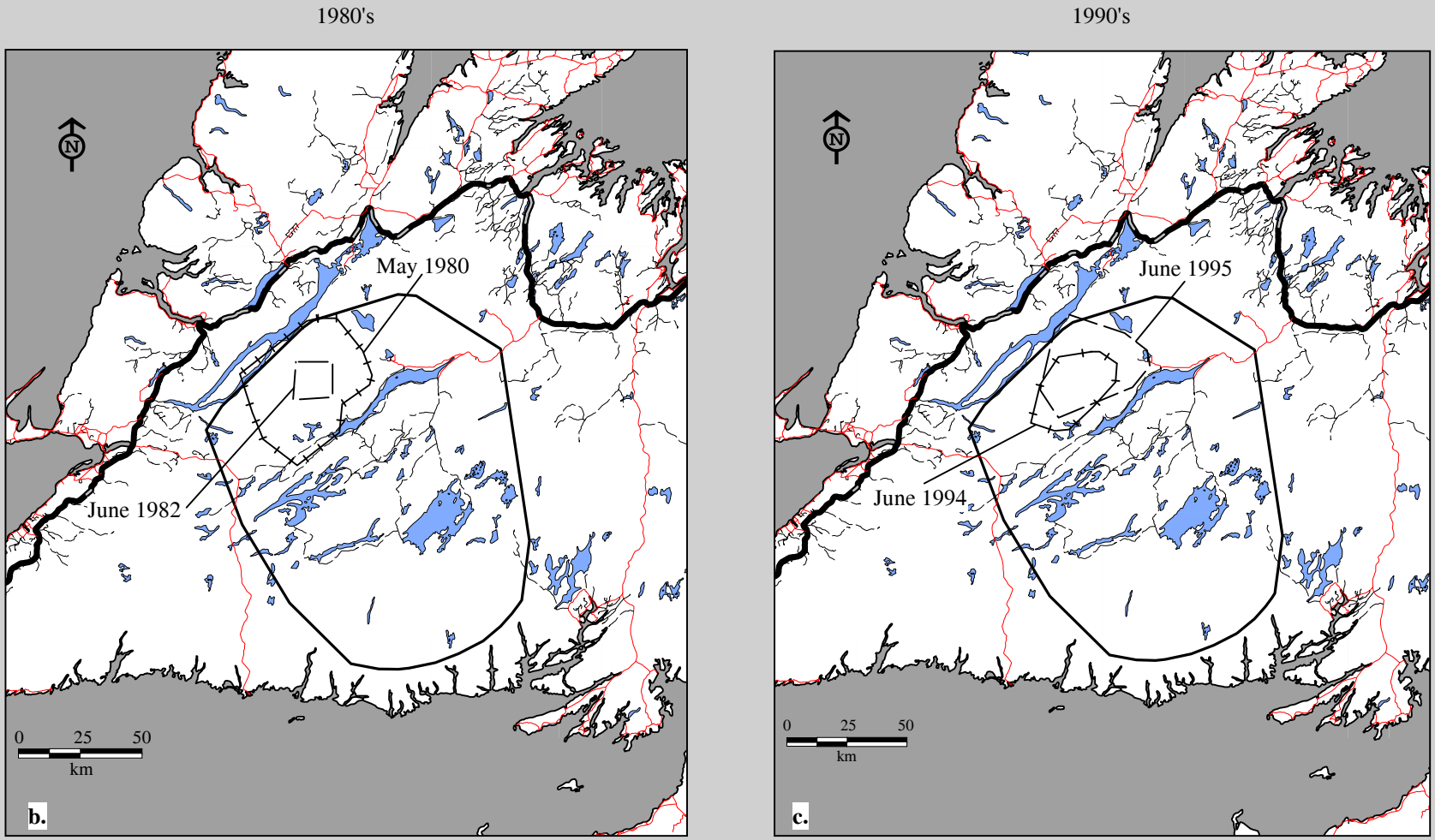
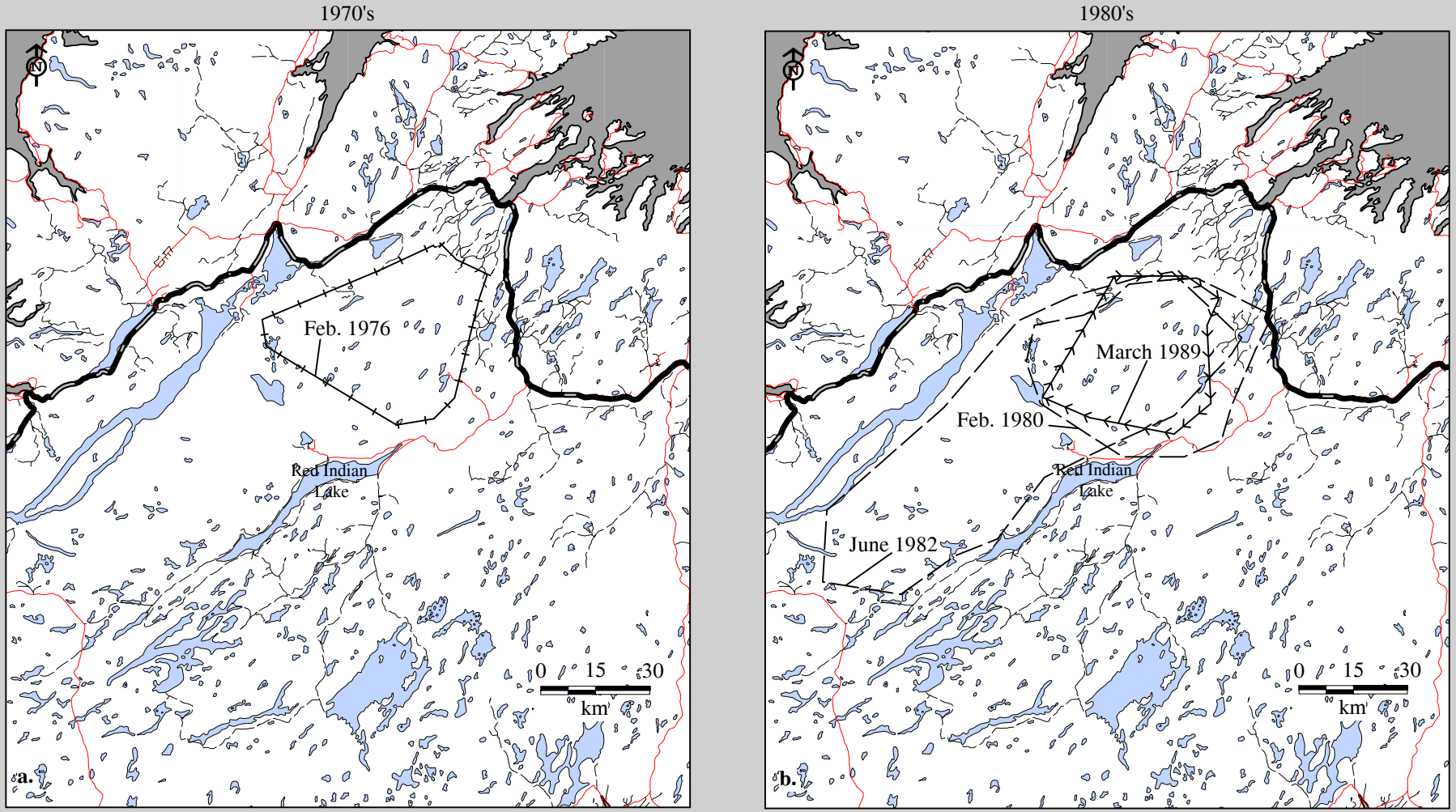


Fig. 14C-31 (con'd). Buchans Caribou Herd distribution from population surveys conducted in b. the 1980's and c. the 1990's. (———) 95% minimum convex polygon home range area from telemetry data 1994 - 1998.



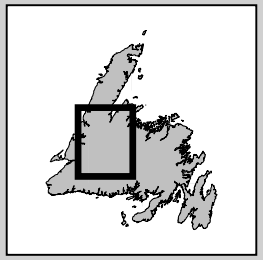
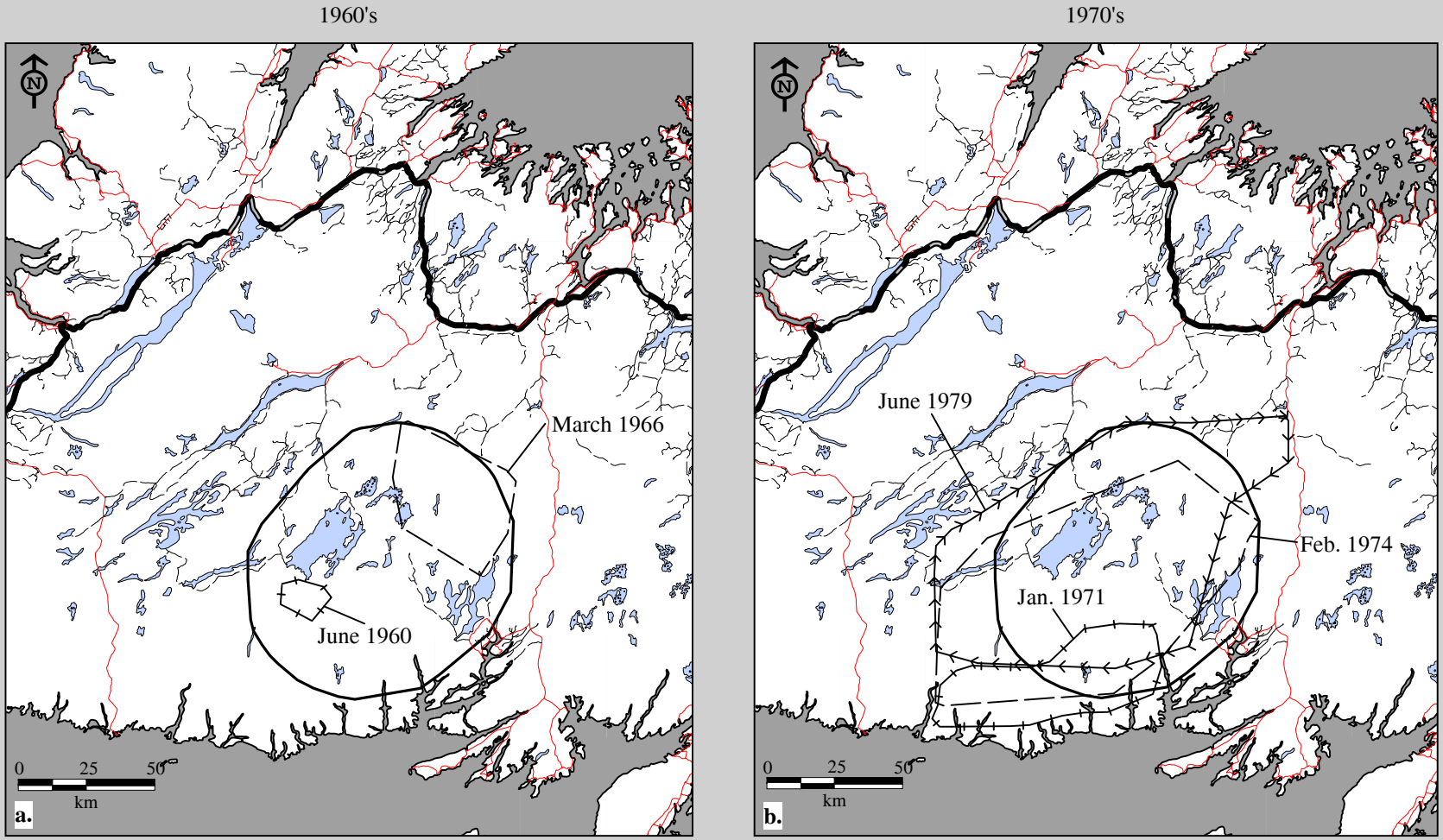


Fig. 14C-32. Gaff Topsails Caribou Herd distribution from population surveys in a. the 1970's and b. the 1980's.



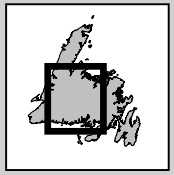
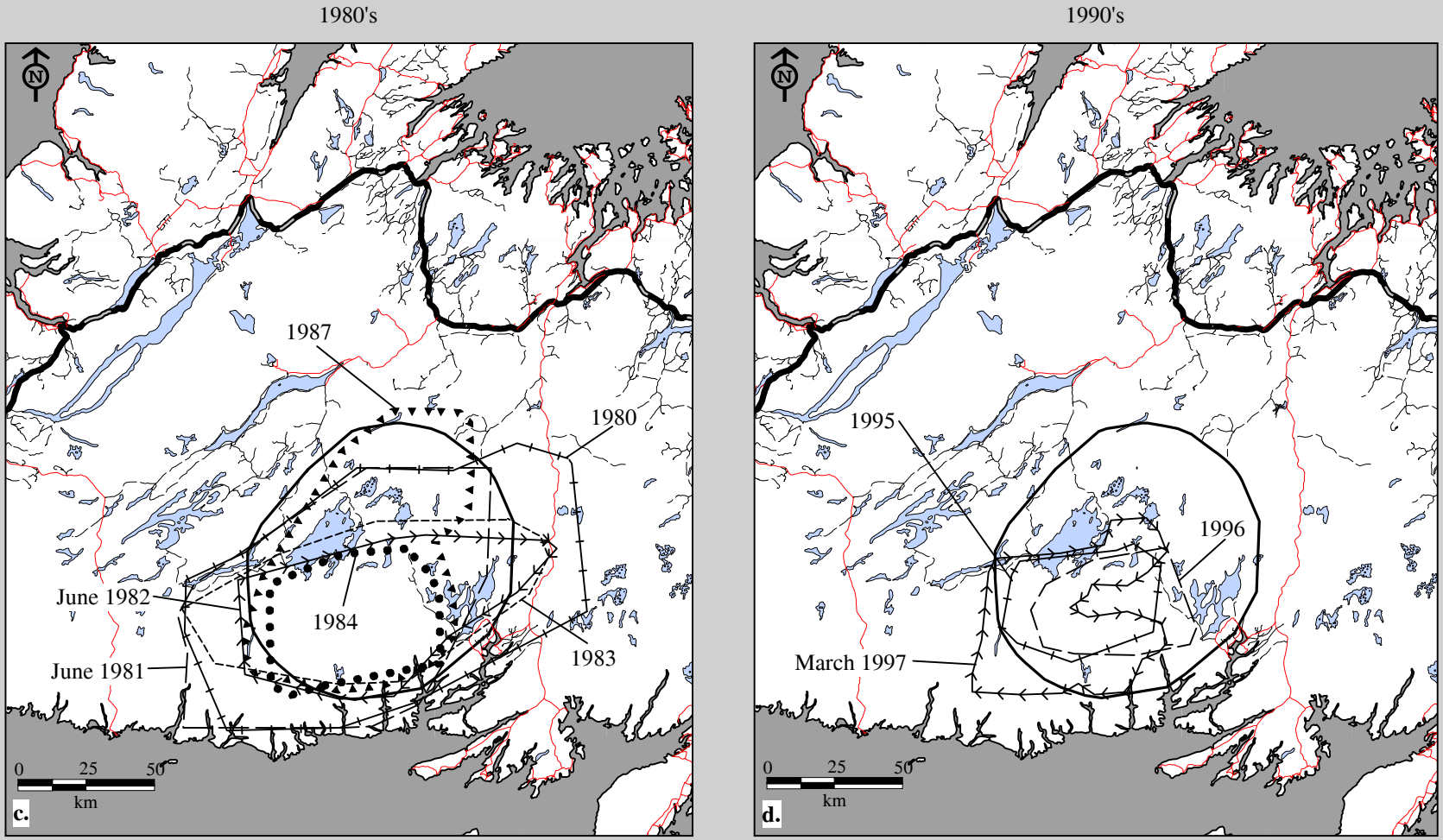


Fig. 14C-33. Grey River Caribou Herd distribution from population surveys conducted in a. the 1960's and b. the 1970's. (———) 95% minimum convex polygon home range area from telemetry data 1979 - 1986.



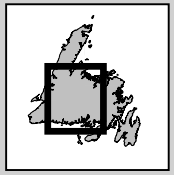
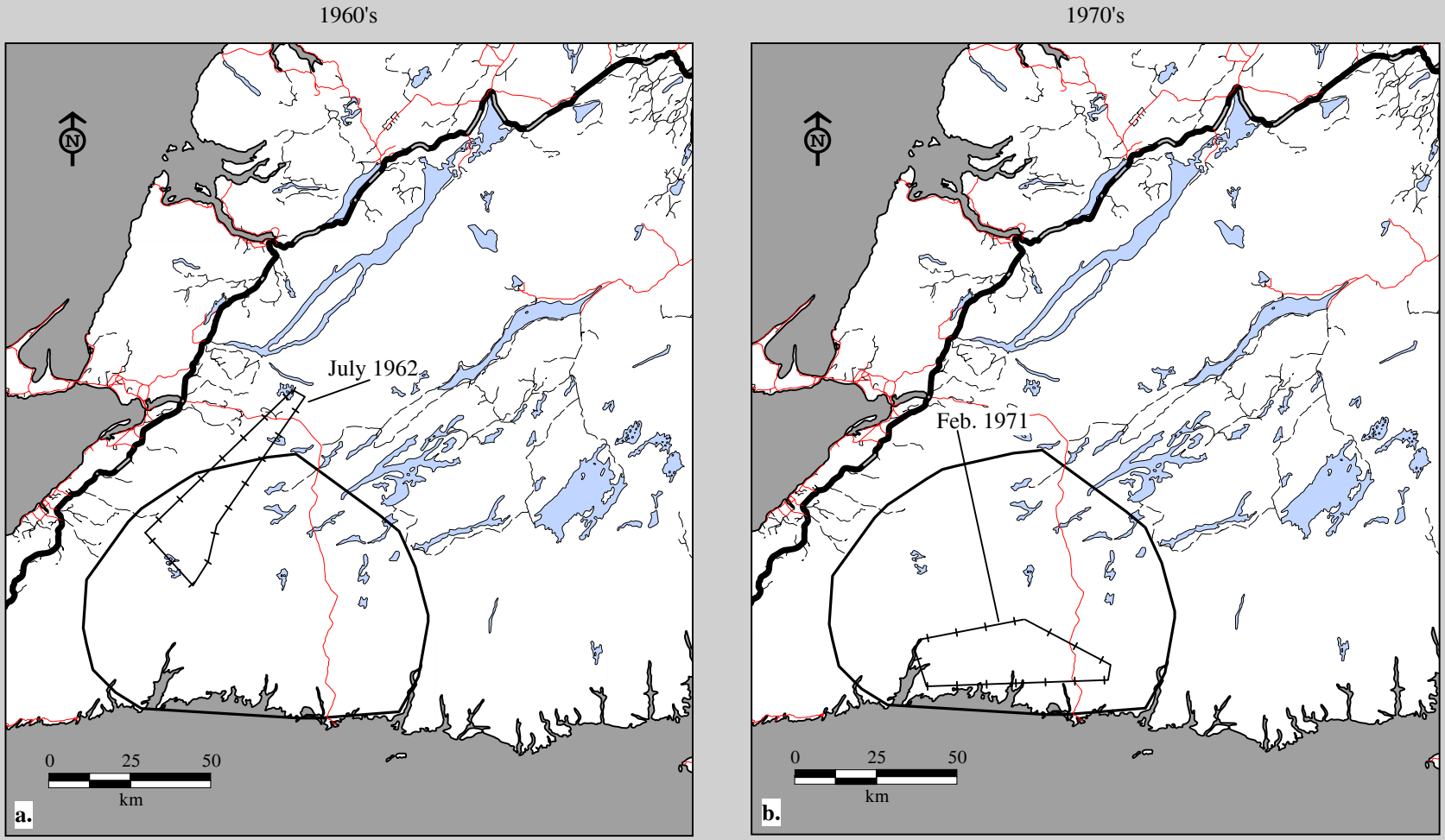


Fig. 14C-33 (con'd). Grey River Caribou Herd distribution from population surveys conducted in c. the 1980's and d. the 1990's. (———) 95% minimum convex polygon home range area from telemetry data 1979 - 1986.



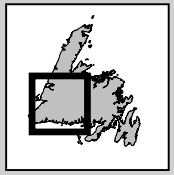
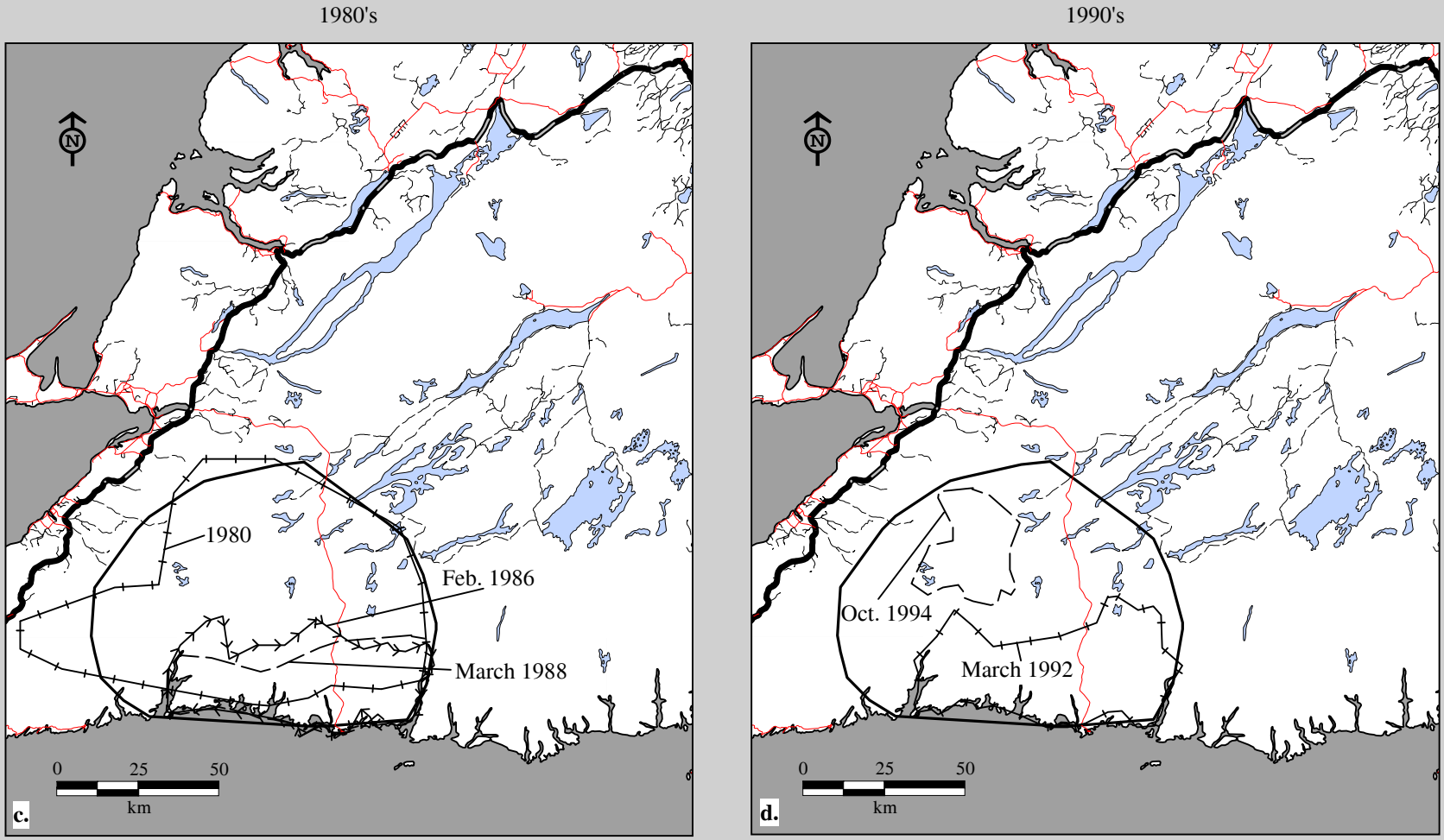


Fig. 14C-34. La Poile Caribou Herd distribution from population surveys conducted in a. the 1960's and b. the 1970's. (———) 95% minimum convex polygon home range area from telemetry data 1985 - 1990.



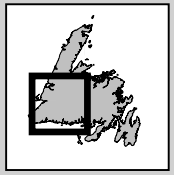
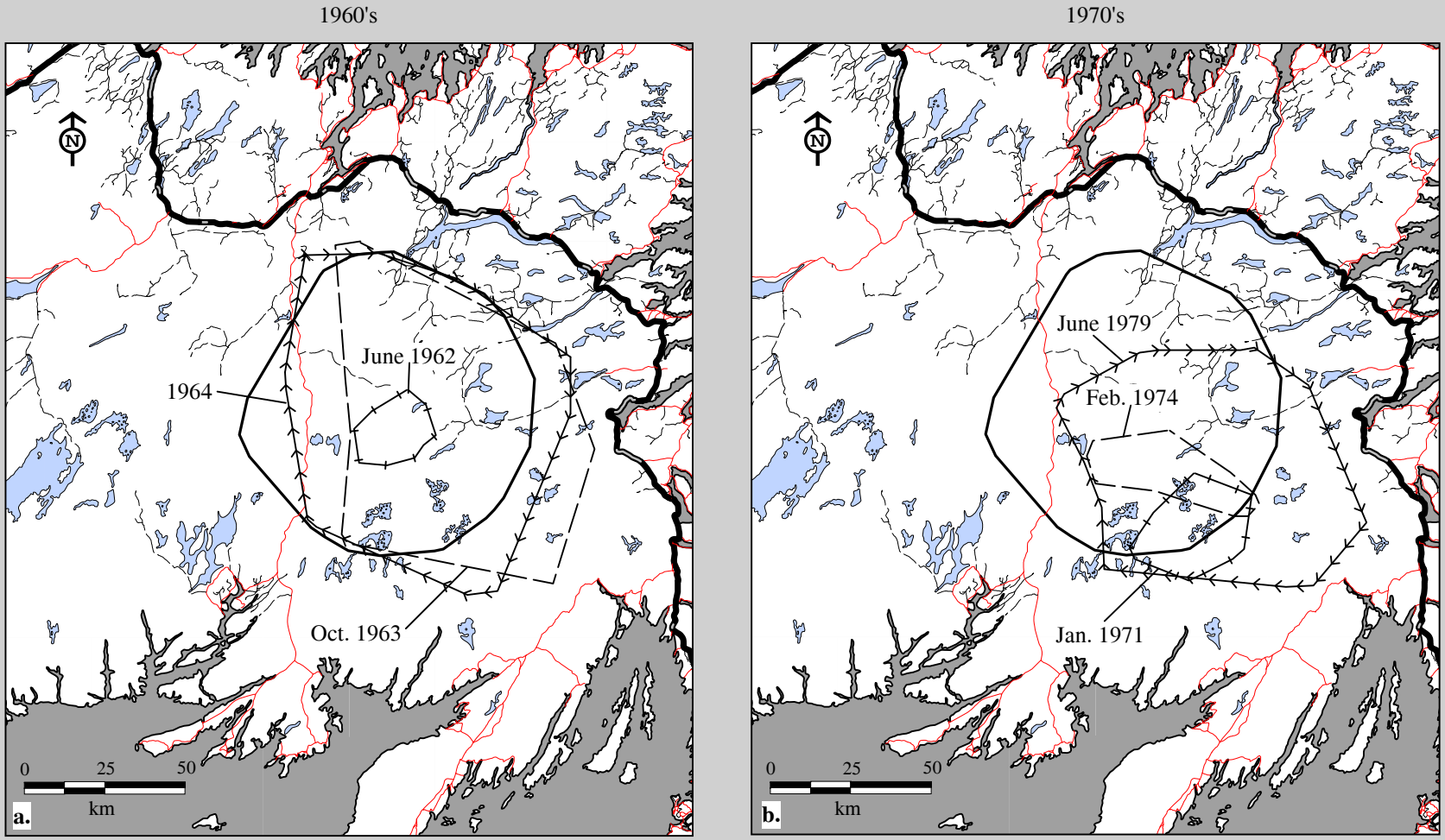


Fig. 14C-34 (con'd). La Poile Caribou Herd distribution from population surveys conducted in c. the 1980's and d. the 1990's. (———) 95% minimum convex polygon home range area from telemetry data 1985 - 1990.



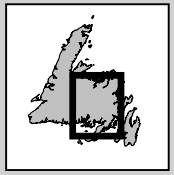
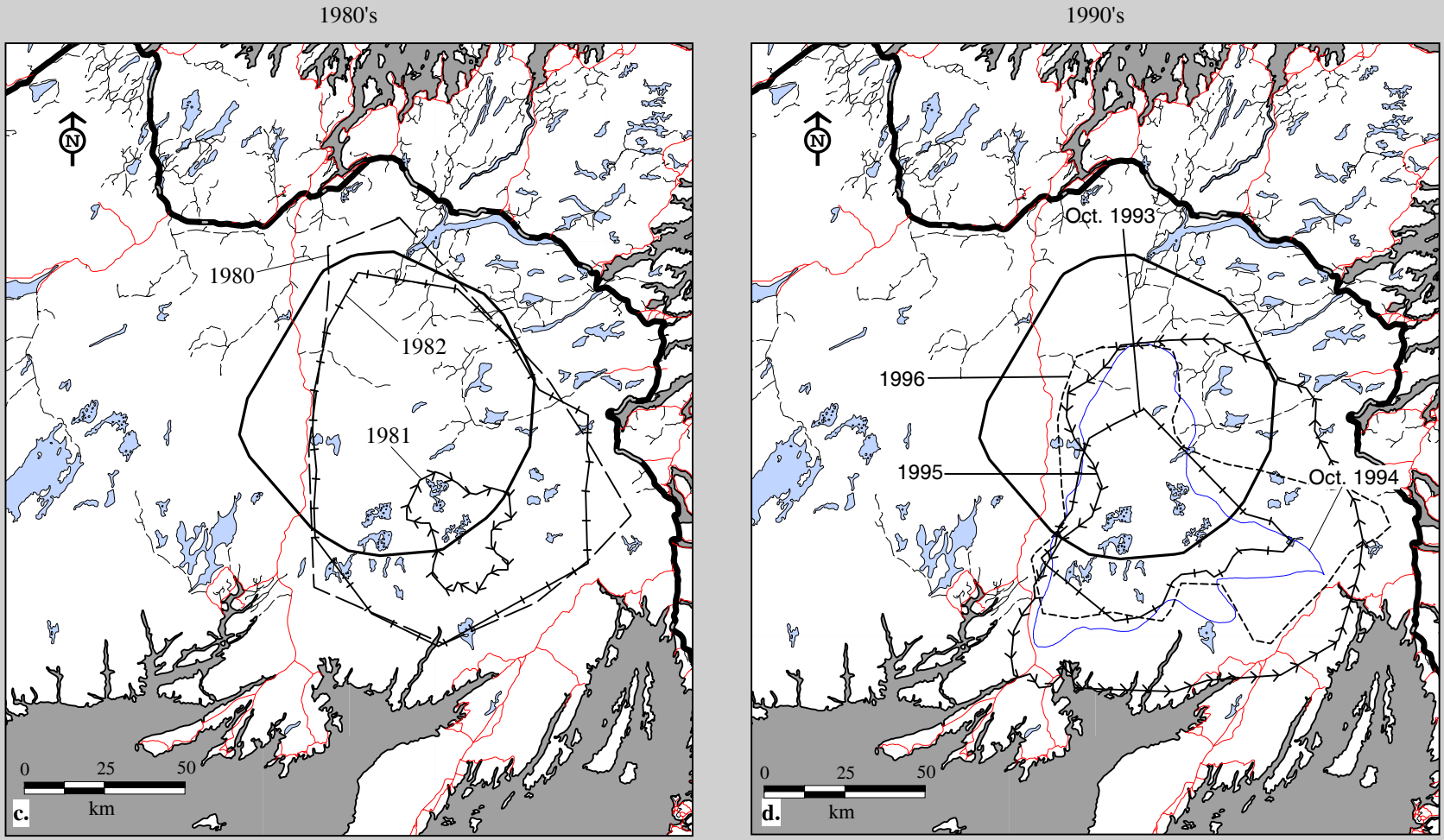


Fig. 14C-35. Middle Ridge Caribou Herd distribution from population surveys conducted in a. the 1960's and b. the 1970's. (———) 95% minimum convex polygon home range area from telemetry data 1982 - 1997.



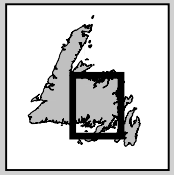
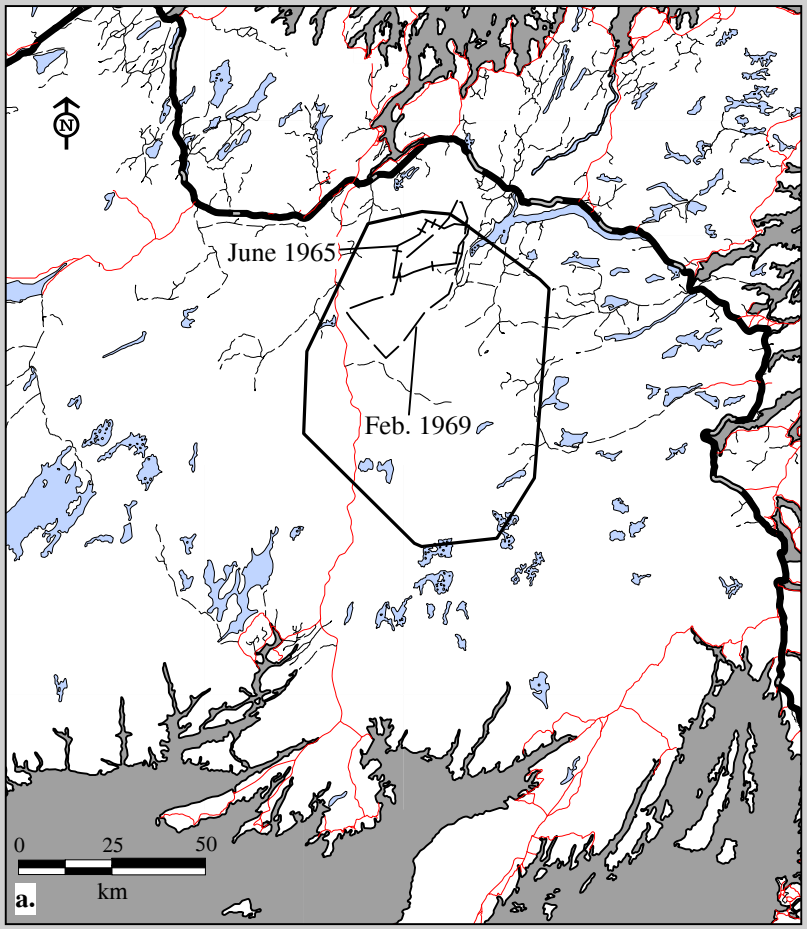


Fig. 14C-35 (con'd). Middle Ridge Caribou Herd distribution from population surveys conducted in c. the 1980's and d. the 1990's. (———) 95% minimum convex polygon home range area from telemetry data 1982 - 1997.

1960's



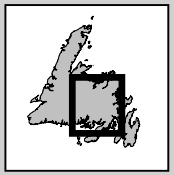
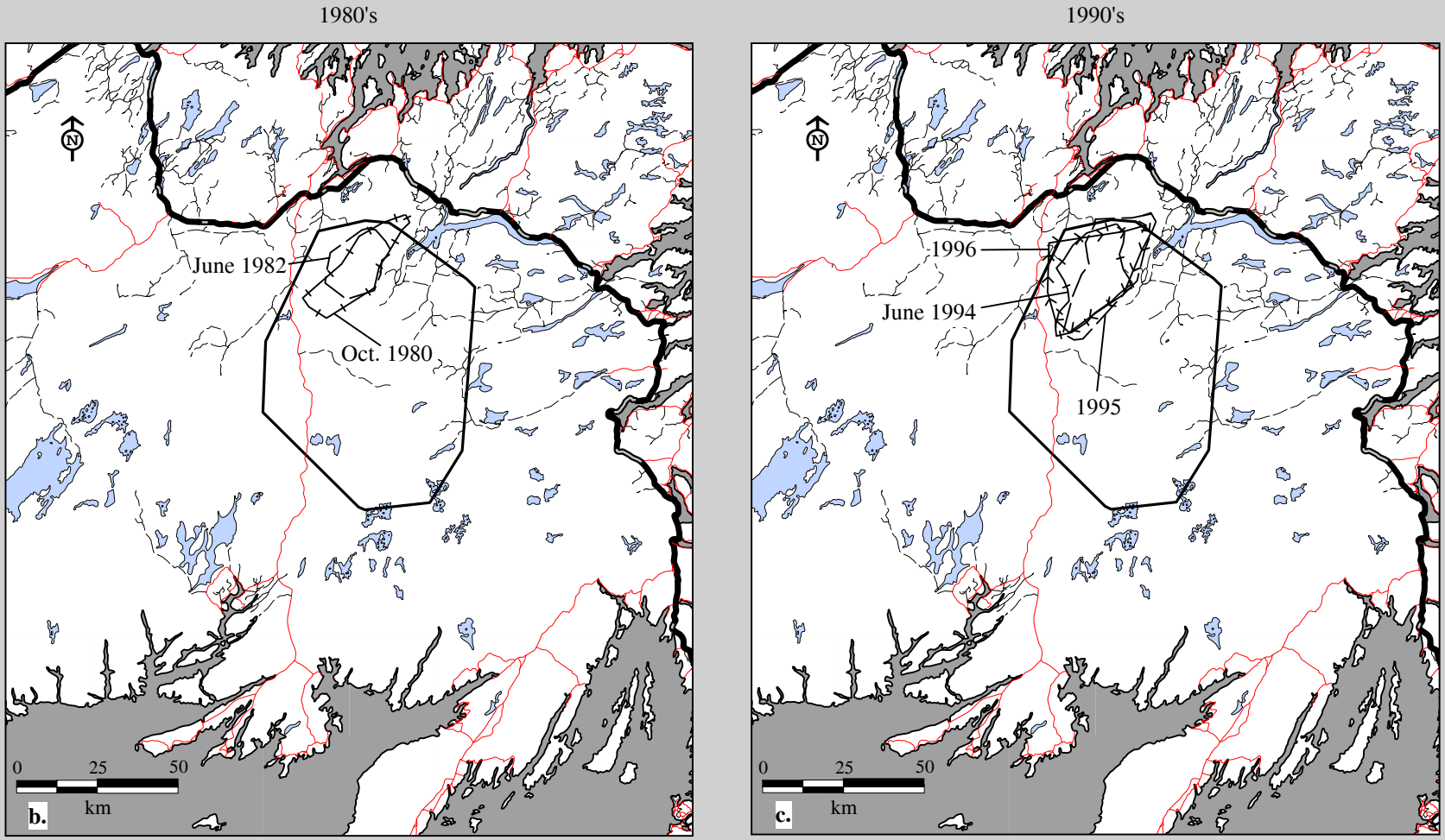


Fig. 14C-36. Mount Peyton Caribou Herd distribution from population surveys conducted in a. the 1960's.
(———) 95% minimum convex polygon home range area from telemetry data 1982 - 1997.



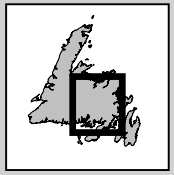
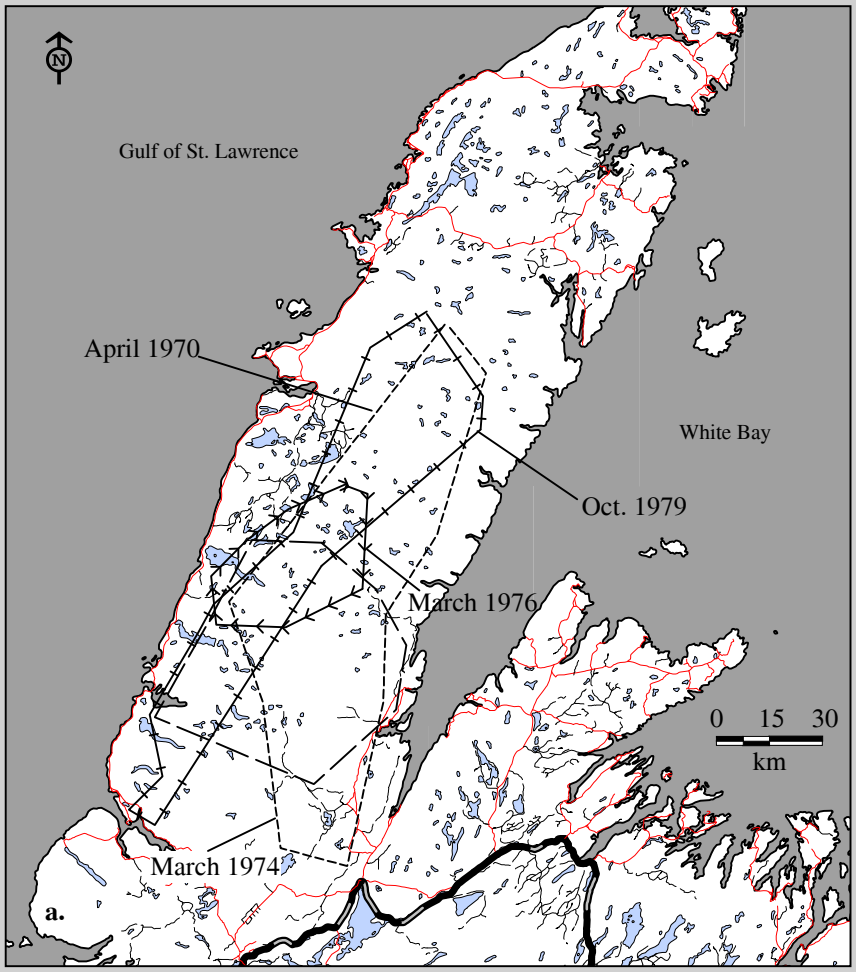


Fig. 14C-36 (con'd). Mount Peyton Caribou Herd distribution from population surveys conducted in b. the 1980's and c. the 1990's. (———) 95% minimum convex polygon home range area from telemetry data 1982 - 1997.

1970's



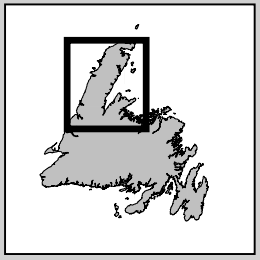


Fig. 14C-37. Northern Peninsula Caribou Herd distribution from population surveys conducted in a. the 1970's.

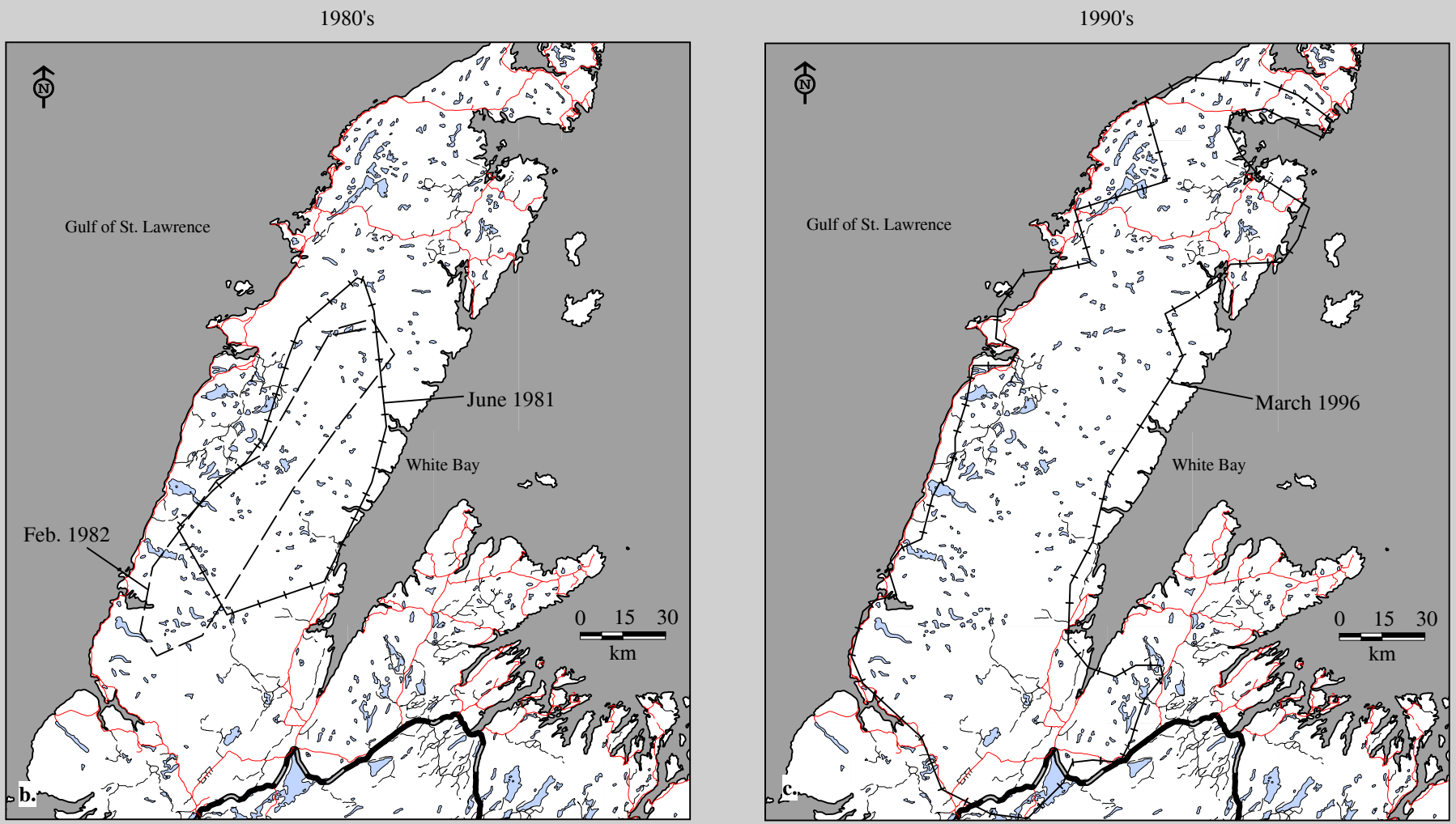
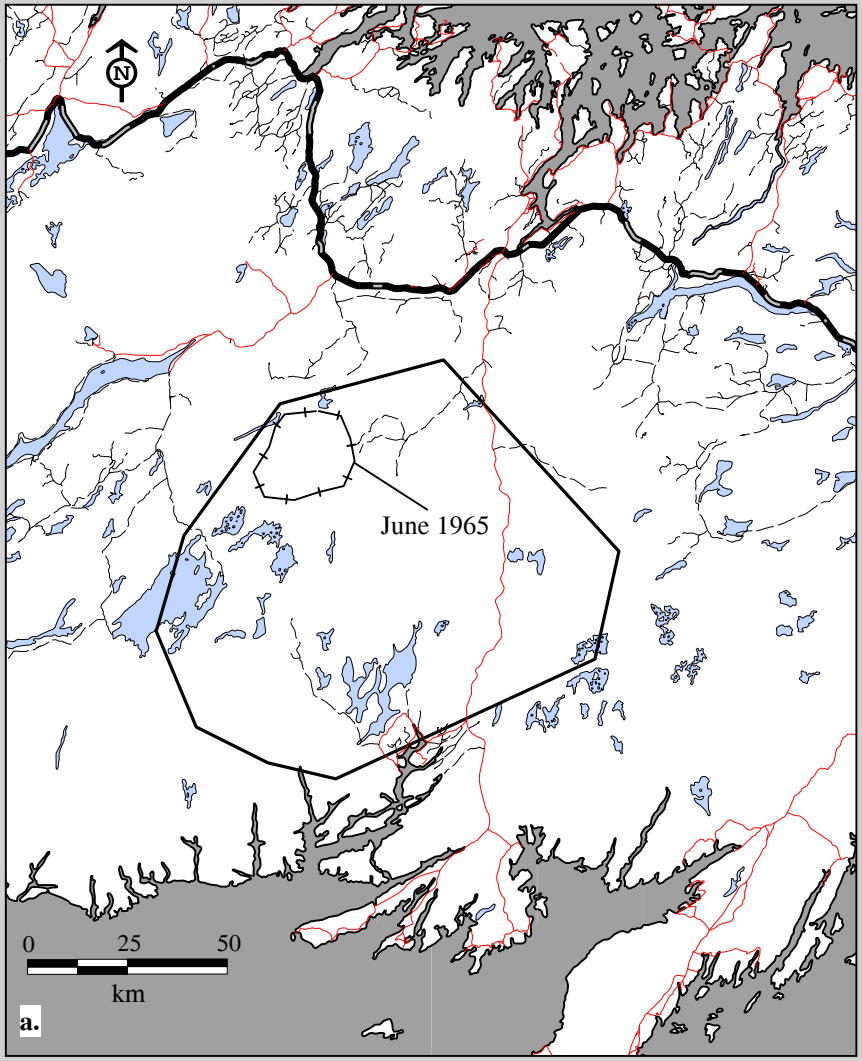


Fig. 14C-37 (con'd). Northern Peninsula Caribou Herd distribution from population surveys conducted in b. the 1980's and c. the 1990's.

1960's



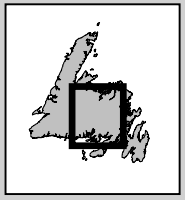


Fig. 14C-38. Pot Hill Caribou Herd distribution from population surveys conducted in a. the 1960's.
(———) 95% minimum convex polygon home range area from telemetry data 1979 - 1984.

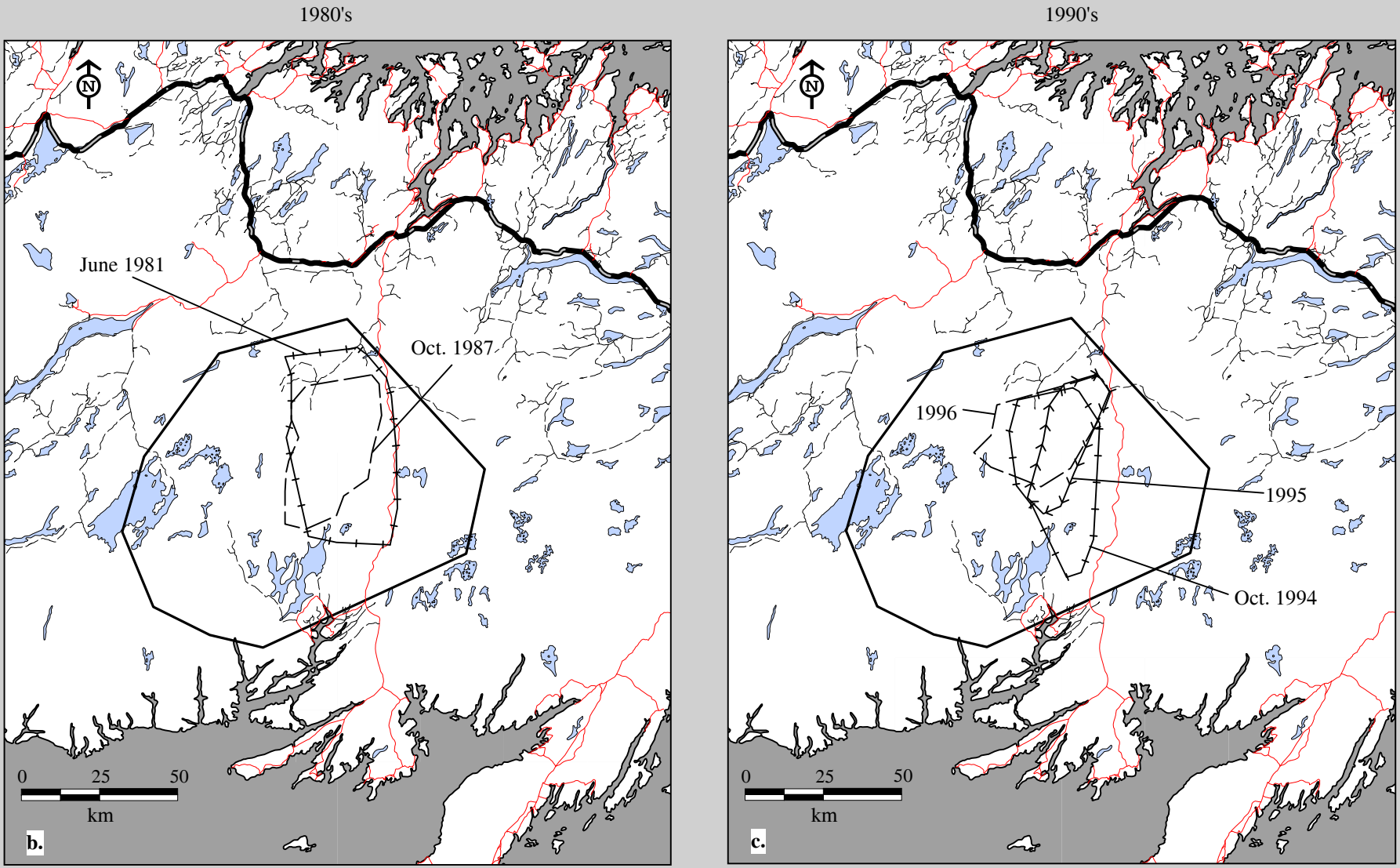
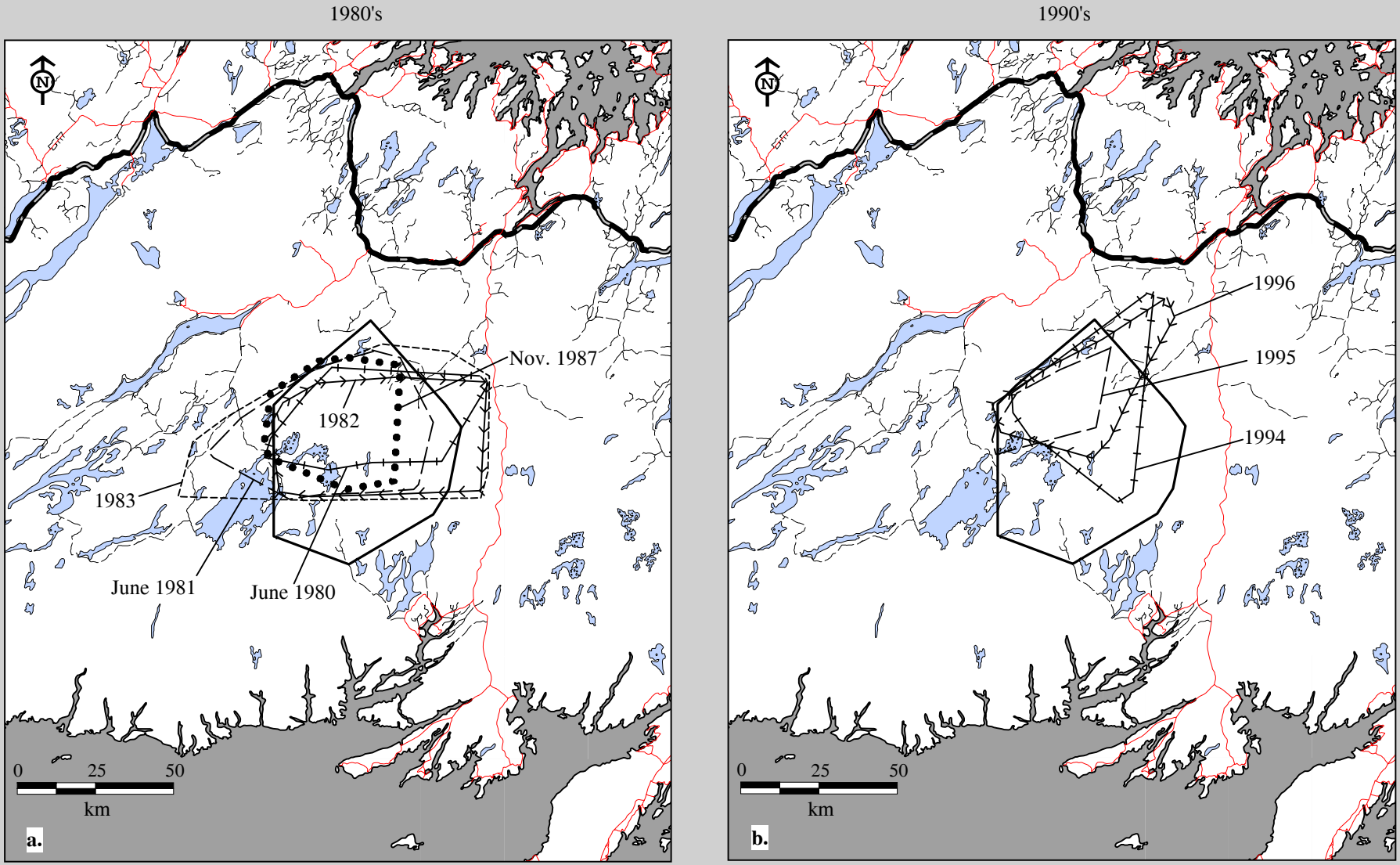


Fig. 14C-38 (con'd). Pot Hill Caribou Herd distribution from population surveys conducted in b. the 1980's and c. the 1990's. (——) 95% minimum convex polygon home range area from telemetry data 1979 - 1984.



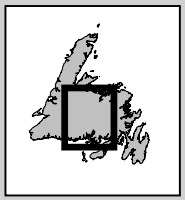
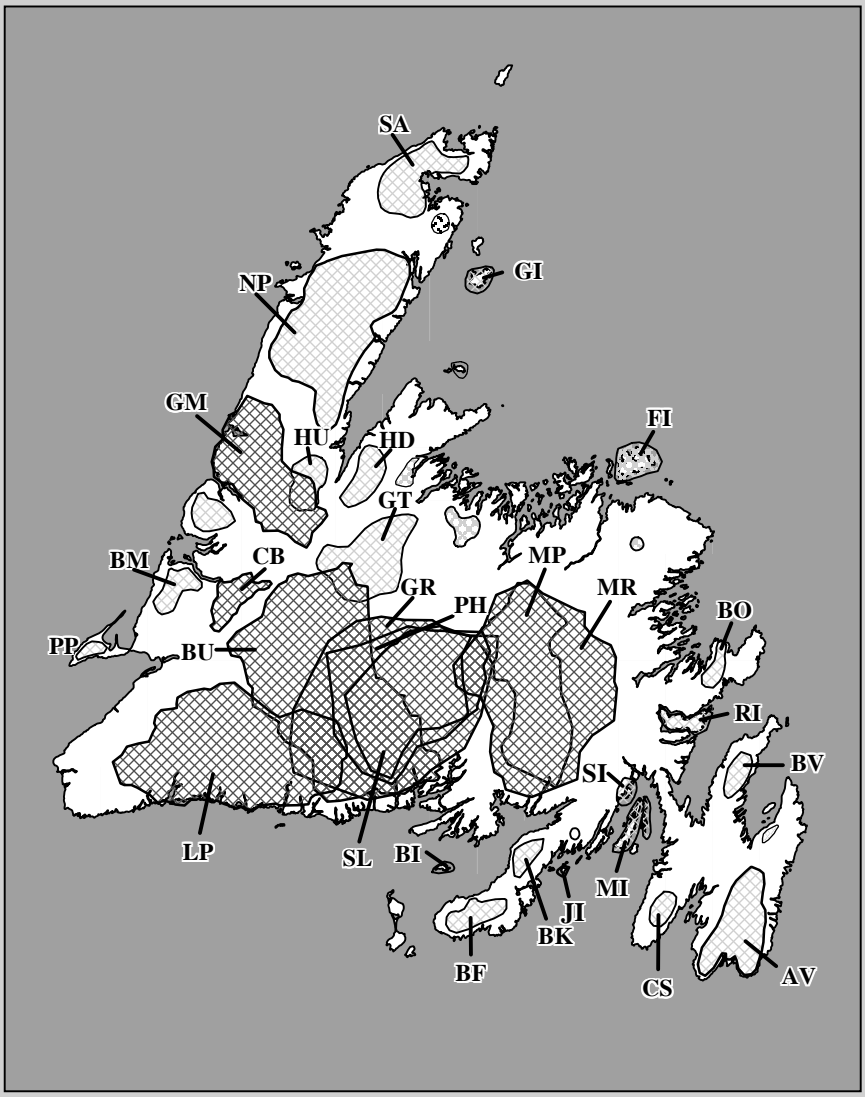


Fig. 14C-39. Sandy Lake Caribou Herd distribution from population surveys conducted in a. the 1980's and b. the 1990's. (———) 95% minimum convex polygon home range area from telemetry data 1979 - 1984.

Section 14D:

Caribou Population Sex and Age Composition for Insular Newfoundland Caribou Herds, 1956-1997.



Caribou Herds

Avalon (AV)
Bay de Verde (BV)
Blow Me Down Mtn (BM)
Bonavista (BO)
Brunette Island (BI)
Burin Foot (BF)
Burin Knee (BK)
Buchans (BU)
Cape Shore (CS)
Corner Brook Lakes (CB)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
Hampden Downs (HD)
Humber (HU)
Jude Island (JI)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Northern Peninsula (NP)
Port au Port (PP)
Pot Hill (PH)
Random Island (RI)
Sandy Lake (SL)
Sound Island (SI)
St. Anthony (SA)

Table 14D-1A. Age and sex composition of the **Avalon caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
May 28, 1967	Spring					49			92	9	101	1	21	123		172
June 21, 1967	Spring					12	1	49	38	9	47	3		50		62
June 16, 1968	Spring					125			169				54	223	19	367
June 1, 1969	Spring					113			128	14	142	70	3	215		328
June 3, 1970	Spring					104			173	17	190	57	8	255		359
June 6, 1971	Spring					76			157	15	172	81	9	262		338
June 6, 1972	Spring					66			158	10	168	83	8	259		325
June 13, 1973	Spring					82			115	41	156	85		241		323
June 5, 1974	Spring					46			178	24	202	51	4	257		303
June 5, 1975	Spring	28	15	34	5	82			157	18	175	55		230		312
June 7, 1977	Spring					30								142		172
June 7, 1978	Spring					84								168		252
July 13, 1978	Spring	14	27	52		93								123		216
May 18, 1979	Spring					52								151		203
May 27, 1979	Spring					27			44	61	105			105		132
June 2, 1981	Spring					32			169	24	193		85	278		310
May 1983	Spring					4			367	14	381	53	24	458		462
May 31, 1983	Spring					1			310	10	320	45		365		311
June 5, 1992	Spring					17					354	23		377		394
May 28, 1996	Spring					72			59	116	175	110	7	292	37	401
June 22, 1996	Spring					19					196	103	2	301		320
Oct. 29, 1964	Fall					134	6	90						192		326
Oct. 6, 1965	Fall					2								5		7
Oct. 15, 1966	Fall					147	34	233						267		414
Oct. 21, 1968	Fall					73	14	131						145		218
Oct. 24, 1968	Fall					62	3	75						78		140
Sept. 14, 1969	Fall														233	233
Nov. 18, 1970	Fall					197								335		532

Table 14D-1A (con'd). Age and sex composition of the **Avalon caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Oct. 22, 1971	Fall	61	28	46		135								178		313
Oct. 27, 1972	Fall	30	21	41		92								215		307
Oct. 17, 1973	Fall	59	45	33		137								224		361
Oct. 24, 1974	Fall	47	39	51		137								210		347
Nov. 3, 1975	Fall	42	33	67		142								183		325
Nov. 8, 1977	Fall					150								229		379
Aug. 25, 1978	Fall	26	20	21		67								154		221
Oct. 25, 1978	Fall					126								190		316
Oct. 16, 1980	Fall	65	24	64		153								242		395
Sept. 16, 1982	Fall	10	82	19		111								427		538
Nov. 13, 1990	Fall	5	7	62		74								247		321
Dec. 5, 1992	Fall					94								468		562
Oct. 20, 1994	Fall					151	3	223						402		553
Oct. 4, 1995	Fall					93	2	383						388		481
Oct. 7, 1996	Fall					128	2	491						493		621
Oct. 19, 1996	Fall	7	8	3		18								34	1	53
Oct. 6, 1997	Fall	7	26	61		94	2	528						530		624
March 19, 1976	Winter					21								39		60
April 9, 1976	Winter					88								154		242
April 26, 1978	Winter					85								203		288
March 1979	Winter					59								214		273
April 1979	Winter					99								173		272
March 26, 1991	Winter					30								108		138
April 23, 1996	Winter					83	1	282						290		373

Table 14D-1A (con'd). Age and sex composition of the **Avalon caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
May 28, 1967	Spring	70	51		121			92	92	172	385
June 21, 1967	Spring	7	11		18			38	38	62	118
June 16, 1968	Spring	34	32		66			169	169	367	602
June 1, 1969	Spring	56	70		126			128	128	328	582
June 3, 1970	Spring			137	137			173	173	359	669
June 6, 1971	Spring	85	59		144			157	157	338	639
June 6, 1972	Spring			94	94			158	158	325	577
June 13, 1973	Spring			80	80			115	115	323	518
June 5, 1974	Spring			119	119			178	178	303	600
June 5, 1975	Spring			123	123			157	157	312	592
June 7, 1977	Spring			46	46			107	107	172	325
June 7, 1978	Spring			62	62			118	118	252	432
July 13, 1978	Spring							44	44	216	260
May 18, 1979	Spring	44	48		92					203	295
May 27, 1979	Spring	18	13		31			44	44	132	207
June 2, 1981	Spring			20	20			169	169	310	499
May 1983	Spring							367	367	462	829
May 31, 1983	Spring			3	3	59	27	310	396	311	710
June 5, 1992	Spring	28	44		72			317	317	394	783
May 28, 1996	Spring	29	16	3	48			59	59	401	508
June 22, 1996	Spring			5	5			170	170	320	495
Oct. 29, 1964	Fall			17	17			39	39	326	382
Oct. 6, 1965	Fall			1	1			24	24	7	32
Oct. 15, 1966	Fall			40	40			161	161	414	615
Oct. 21, 1968	Fall	37	40		77	47	35		82	218	377
Oct. 24, 1968	Fall	28	18		46	30	22		52	140	238
Sept. 14, 1969	Fall							80	80	233	313
Nov. 18, 1970	Fall							210	210	532	742

Table 14D-1A (con'd). Age and sex composition of the **Avalon caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Oct. 22, 1971	Fall							100	100	313	413
Oct. 27, 1972	Fall	32	25		57	43	42	45	133	307	497
Oct. 17, 1973	Fall	49	43		92			147	147	361	600
Oct. 24, 1974	Fall							123	123	347	470
Nov. 3, 1975	Fall	63	78		141	79	72	151	151	305	446
Nov. 8, 1977	Fall							148	148	379	527
Aug. 25, 1978	Fall	33	39		72			74	74	221	367
Oct. 25, 1978	Fall							100	100	316	416
Oct. 16, 1980	Fall							124	124	395	519
Sept. 16, 1982	Fall			151	151					538	689
Nov. 13, 1990	Fall							104	104	321	425
Dec. 5, 1992	Fall			1	1	245	123	6	374	562	937
Oct. 20, 1994	Fall					74	84	10	168	553	721
Oct. 4, 1995	Fall					50	38	67	155	481	636
Oct. 7, 1996	Fall					94	97	6	197	621	818
Oct. 19, 1996	Fall					8	6	1	15	53	68
Oct. 6, 1997	Fall							184	184	624	808
March 19, 1976	Winter	**17**	**16**		**33**					60	93
April 9, 1976	Winter			115	115					242	357
April 26, 1978	Winter			115	115					288	403
March 1979	Winter			69	69					273	342
April 1979	Winter			61	61					272	333
March 26, 1991	Winter	28	29		57					138	195
April 23, 1996	Winter	56	65	64	185					373	558

Table 14D-1A (con'd). Age and sex composition of the **Avalon caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
May 28, 1967	Spring	28.5	12.7	71.5	82.1	74.8	23.9		98.4	31.4	57.9
June 21, 1967	Spring	19.4	10.2	80.6	94.0	76.0	32.2		36.0	15.3	38.9
June 16, 1968	Spring	32.8	20.8	60.8		75.8	28.1		29.6	11.0	51.5
June 1, 1969	Spring	34.5	19.4	65.6	66.0	59.5	22.0		58.6	21.6	44.4
June 3, 1970	Spring	29.0	15.5	71.0	74.5	67.8	25.9		53.7	20.5	
June 6, 1971	Spring	22.5	11.9	77.5	65.6	59.9	24.6		55.0	22.5	59.0
June 6, 1972	Spring	20.3	11.4	79.7	64.9	61.0	27.4		36.3	16.3	
June 13, 1973	Spring	25.4	15.8	74.6	64.7	47.7	22.2		33.2	15.4	
June 5, 1974	Spring	15.2	7.7	84.8	78.6	69.3	29.7		46.3	19.8	
June 5, 1975	Spring	26.3	13.9	73.7	76.1	68.3	26.5		53.5	20.8	
June 7, 1977	Spring	17.4	9.2	82.6		75.4	32.9		32.4	14.2	
June 7, 1978	Spring	33.3	19.4	66.7		70.2	27.3		36.9	14.4	
July 13, 1978	Spring	43.1	35.8	56.9		33.3	16.9				
May 18, 1979	Spring	25.6	17.6	74.4					60.9	31.2	47.8
May 27, 1979	Spring	20.5	13.0	79.6	100.0	41.9	21.3		29.5	15.0	58.1
June 2, 1981	Spring	10.3	6.4	89.7	69.4	60.8	33.9		7.2	4.0	
May 1983	Spring	0.9	0.5	99.1	83.2	80.1	44.3				
May 31, 1983	Spring	0.3	0.1	99.7	87.7	84.9	55.8	68.6	0.8	0.4	
June 5, 1992	Spring	4.3	2.2	95.7	93.9	84.1	40.5		19.1	9.2	38.9
May 28, 1996	Spring	18.0	14.2	72.8	59.9	20.2	11.6		16.4	9.4	64.4
June 22, 1996	Spring	5.9	3.8	94.1	65.1	56.5	34.3		1.7	1.0	
Oct. 29, 1964	Fall	41.1	35.1	58.9		20.3	10.2		8.9	4.5	
Oct. 6, 1965	Fall		6.3	71.4							
Oct. 15, 1966	Fall	35.5	23.9	64.5		60.3	26.2		15.0	6.5	
Oct. 21, 1968	Fall	33.5	19.4	66.5		56.6	21.8	57.3	53.1	20.4	48.1
Oct. 24, 1968	Fall	44.3	26.1	55.7		66.7	21.8	57.7	59.0	19.3	60.9
Sept. 14, 1969	Fall						25.6				

Table 14D-1A (con'd). Age and sex composition of the **Avalon caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Nov. 18, 1970	Fall	37.0	26.6	63.0		62.7	28.3				
Oct. 22, 1971	Fall	43.1	32.7	56.9		56.2	24.2				
Oct. 27, 1972	Fall	25.3	18.5	70.0		61.9	26.8	50.6	26.5	11.5	56.1
Oct. 17, 1973	Fall	30.2	22.8	62.1		65.6	24.5		41.1	15.3	53.3
Oct. 24, 1974	Fall	39.5	29.1	60.5		58.6	26.2				
Nov. 3, 1975	Fall	43.7	31.8	56.3		82.5	33.9	52.3	77.0	31.6	44.7
Nov. 8, 1977	Fall	39.6	28.5	60.4		64.6	28.1				
Aug. 25, 1978	Fall	52.5	18.3	69.7		48.1	20.2		46.8	19.6	45.8
Oct. 25, 1978	Fall	39.9	30.3	60.1		52.6	24.0				
Oct. 16, 1980	Fall	38.7	29.5	61.3		51.2	23.9				
Sept. 16, 1982	Fall	20.6	16.1	79.4					35.4	21.9	
Nov. 13, 1990	Fall	23.1	17.4	76.9		42.1	24.5				
Dec. 5, 1992	Fall	16.7	10.0	83.3		58.5	39.9	66.6			
Oct. 20, 1994	Fall	27.3	20.9	72.7		41.8	23.3	46.8			
Oct. 4, 1995	Fall	19.3	14.6	80.7		39.9	24.4	49.2			
Oct. 7, 1996	Fall	20.6	15.6	79.4		48.9	24.1	57.1			
Oct. 19, 1996	Fall	34.0	26.5	64.2		44.1	22.1				
Oct. 6, 1997	Fall	15.1	11.6	84.9		34.7	22.8	51.5			
March 19, 1976	Winter	35.0	22.6	65.0					84.6	35.5	51.5
April 9, 1976	Winter	36.4	24.7	63.6					74.7	32.2	
April 26, 1978	Winter	29.5	21.1	70.5					56.7	28.5	
March 1979	Winter	21.6	17.3	78.4					32.2	20.2	
April 1979	Winter	36.4	29.7	63.6					35.3	18.3	
March 26, 1991	Winter	21.7	15.4	78.3					52.8	29.2	49.1
April 23, 1996	Winter	22.3	14.9	77.7					63.8	33.2	46.3

Table 14D-1B. Age and sex composition of the **Brunette Island caribou herd** as determined from aerial classification surveys, 1972 - 76. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Oct. 7, 1972	Fall					4								8		12
Sept. 26, 1976	Fall					12	6	9						15		27

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Oct. 7, 1972	Fall								4	12	16
Sept. 26, 1976	Fall					4	4		8	27	35

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Oct. 7, 1972	Fall	33.3	25.0	66.7		50.0	25.0				
Sept. 26, 1976	Fall	44.4	34.3	55.6		53.3	22.9	50.0			

Table 14D-1C. Age and sex composition of the **Buchans caribou herd** as determined from aerial classification surveys, 1966 - 99. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 29, 1967	Spring					23								532	2	557
July 3, 1968	Spring					14								299		313
June 10, 1969	Spring	8	3	22		33			84	9	93	60		153		186
June 9, 1970	Spring					13								274		287
June 3, 1971	Spring					11			183	55	238	36		274		285
June 9, 1972	Spring					15			310	44	354	40		394		409
June 5, 1973	Spring					18			231	67	298	50		348		366
June 9, 1975	Spring					32			94	57	151	43		194	39	265
June 16, 1978	Spring					33			94	25	119	28		147		180
June 7, 1991	Spring					20			128	54	182	45		227		247
June 11, 1994	Spring					3			259	55	314	57		371	3	377
May 24, 1995	Spring					18	29	206						235	4	257
May 13, 1996	Spring					26								551		577
June 4, 1996	Spring					72			162	119	281	147	4	432	1	505
May 21, 1997	Spring					26	32	348						380		406
June 6, 1997	Spring					69			77	174	251	157		408		477
May 14, 1998	Spring					32	60	702						762	1	795
June 3, 1998	Spring					83			163	121	284	155		439	1	523
May 17, 1999	Spring					31	39	545						584		615
June 9, 1999	Spring					56			212	91	303	129		432		488
Oct. 27, 1966	Fall	27	9	4		40								178		218
Oct. 9, 1967	Fall					56								155		211
Oct. 8, 1969	Fall	19	20	46		85								182		267
Oct. 1971	Fall	28	17	37		82								204		286
Oct. 9, 1972	Fall	39	27	37		103								189		292
Oct. 5, 1973	Fall	26	21	42		89								128		217
Oct. 1974	Fall	23	26	29		78								116		194
Oct. 18, 1975	Fall	16	12	22		50								117		167

Table 14D-1C (con'd). Age and sex composition of the **Buchans caribou herd** as determined from aerial classification surveys, 1966 - 99. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Oct. 6, 1977	Fall	35	11	53		99								200		299
Oct. 10, 1978	Fall	24	12	65		101								172		273
Oct. 12, 1979	Fall	20	39	30		89								115		204
Nov. 3, 1981	Fall					68								122		190
Nov. 1, 1982	Fall	24	58	10		92								81		173
Dec. 18, 1983	Fall	2	12	2		14								51	10	75
Oct. 15, 1993	Fall					117								437		554
Oct. 27, 1994	Fall					144	18	233						251		395
Oct. 23, 1995	Fall					102	28	275						303	2	407
Sept. 25, 1996	Fall	44	20	50		114	33	188						221		335
Oct. 27, 1997	Fall	74	26	51		151	43	273						316	2	469
Sept. 20, 1998	Fall	16	40	22		78	26	151						177	2	257
Sept. 19, 1999	Fall	21	9	29		59	23	138						161		220
April 1974	Winter					28								96		124
April 15, 1983	Winter					102								228		330

Table 14D-1C (con'd). Age and sex composition of the **Buchans caribou herd** as determined from aerial classification surveys, 1966 - 99. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 29, 1967	Spring				27			348	348	557	932
July 3, 1968	Spring	14	13	20	47	21	35	76	132	313	492
June 10, 1969	Spring	34	31	2	67	37	37	10	84	186	337
June 9, 1970	Spring			44	44			169	169	287	500
June 3, 1971	Spring	30	26	1	57			183	183	285	525
June 9, 1972	Spring	22	8		30			310	310	409	749
June 5, 1973	Spring	23	27	4	54			231	231	366	651
June 9, 1975	Spring			39	39			94	94	265	359
June 16, 1978	Spring	24	30		54			94	94	180	328
June 7, 1991	Spring	21	25	12	58			128	128	247	433
June 11, 1994	Spring	31	9	6	46			259	259	377	682
May 24, 1995	Spring	72	45	3	120					257	377
May 13, 1996	Spring	93	55	2	150					577	727
June 4, 1996	Spring	86	69	37	192			162	162	505	859
May 21, 1997	Spring	48	28	2	78					406	484
June 6, 1997	Spring	46	30	23	99			77	77	477	653
May 14, 1998	Spring	53	54	6	113					795	908
June 3, 1998	Spring	29	29	1	59			163	163	523	745
May 17, 1999	Spring	47	30	4	81					615	696
June 9, 1999	Spring	43	31	8	82			212	212	488	782
Oct. 27, 1966	Fall							61	61	218	279
Oct. 9, 1967	Fall							74	74	211	285
Oct. 8, 1969	Fall					40	47	1	88	267	355
Oct. 1971	Fall					30	49	2	81	286	367
Oct. 9, 1972	Fall					38	32	11	81	292	373
Oct. 5, 1973	Fall							71	71	217	288
Oct. 1974	Fall					32	21	3	56	194	250
Oct. 18, 1975	Fall	30	30		60	33	37	6	76	167	303

Table 14D-1C (con'd). Age and sex composition of the **Buchans caribou herd** as determined from aerial classification surveys, 1966 - 99. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Oct. 6, 1977	Fall					35	45	3	83	299	382
Oct. 10, 1978	Fall					33	50		83	273	356
Oct. 12, 1979	Fall					29	35		64	204	268
Nov. 3, 1981	Fall					3	4	73	80	190	270
Nov. 1, 1982	Fall					19	28		47	173	220
Dec. 18, 1983	Fall					3	7		13	75	88
Oct. 15, 1993	Fall					37	43	1	81	554	635
Oct. 27, 1994	Fall					28	43		71	395	466
Oct. 23, 1995	Fall					35	31	6	72	407	479
Sept. 25, 1996	Fall					36	21	4	61	335	396
Oct. 27, 1997	Fall					52	37	7	96	469	565
Sept. 20, 1998	Fall					44	64		108	257	365
Sept. 19, 1999	Fall					15	19	4	38	220	258
April 1974	Winter	9	17	1	27					124	151
April 15, 1983	Winter			86	86					330	416

Table 14D-1C (con'd). Age and sex composition of the **Buchans caribou herd** as determined from aerial classification surveys, 1966 - 99. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 29, 1967	Spring	4.1	2.5	95.5		65.4	37.3		5.1	2.9	
July 3, 1968	Spring	4.5	2.8	95.5		44.1	26.8	37.5	15.7	9.6	51.9
June 10, 1969	Spring	17.7	9.8	82.3	60.8	54.9	34.9	50.0	43.8	19.9	52.3
June 9, 1970	Spring	4.5	2.6	95.5		61.7	33.8		16.1	15.3	
June 3, 1971	Spring	3.9	2.1	96.1	86.9	66.8	34.9		20.8	10.9	53.6
June 9, 1972	Spring	3.7	2.0	96.3	89.9	78.7	41.4		7.6	4.0	73.3
June 5, 1973	Spring	4.9	2.8	95.1	85.6	66.4	35.5		15.5	8.3	46.0
June 9, 1975	Spring	12.1	8.9	73.2	77.8	48.5	26.2		20.1	10.9	
June 16, 1978	Spring	18.3	10.1	81.7	81.0	64.0	28.7		36.7	16.5	44.4
June 7, 1991	Spring	8.1	4.6	91.9	80.2	56.4	29.6		25.6	13.4	45.7
June 11, 1994	Spring	0.8	0.4	98.4	84.6	69.8	38.0		12.4	6.7	77.5
May 24, 1995	Spring	7.0	4.8	91.4					51.1	31.8	61.5
May 13, 1996	Spring	4.5	3.6	95.5					27.2	20.6	62.8
June 4, 1996	Spring	14.3	8.4	85.5	65.0	37.5	18.9		44.4	22.4	55.5
May 21, 1997	Spring	6.4	5.4	93.6					20.5	16.1	63.2
June 6, 1997	Spring	14.5	10.6	85.5	61.5	18.9	11.8		24.3	15.2	60.5
May 14, 1998	Spring	4.0	3.5	95.8					14.8	12.4	49.5
June 3, 1998	Spring	15.9	11.1	83.9	64.7	37.1	21.9		13.4	7.9	50.0
May 17, 1999	Spring	5.0	4.5	95.0					13.9	11.6	61.0
June 9, 1999	Spring	11.5	7.2	88.5	70.1	49.1	27.1		19.0	10.5	58.1
Oct. 27, 1966	Fall	18.3	14.3	81.7		34.3	21.9				
Oct. 9, 1967	Fall	26.5	19.6	73.5		47.7	26.0				
Oct. 8, 1969	Fall	31.8	23.9	68.2		48.4	24.8	46.0			
Oct. 1971	Fall	28.7	22.3	71.3		39.7	22.1				
Oct. 9, 1972	Fall	35.3	27.6	64.7		42.9	21.7	54.3			
Oct. 5, 1973	Fall	41.0	30.9	59.0		55.5	24.7				
Oct. 1974	Fall	40.2	31.2	59.8		48.3	22.4	60.4			
Oct. 18, 1975	Fall	22.0	16.5	70.1		65.0	25.1	47.1	51.3	19.8	50.0

Table 14D-1C (con'd). Age and sex composition of the **Buchans caribou herd** as determined from aerial classification surveys, 1966 - 99. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Oct. 6, 1977	Fall	33.1	25.9	66.9		41.5	21.7	43.8			
Oct. 10, 1978	Fall	37.0	28.4	63.0		48.3	23.3	39.8			
Oct. 12, 1979	Fall	43.6	33.2	56.4		55.7	23.9	45.3			
Nov. 3, 1981	Fall	35.8	25.2	64.2		65.6	29.6				
Nov. 1, 1982	Fall	53.2	41.8	46.8		58.0	21.4	40.4			
Dec. 18, 1983	Fall	18.7	15.9	68.0		25.5	14.8	23.1			
Oct. 15, 1993	Fall	21.1	18.4	78.9		18.5	12.8	46.3			
Oct. 27, 1994	Fall	36.5	30.9	63.5		28.3	15.2	39.4			
Oct. 23, 1995	Fall	25.1	21.3	74.4		23.8	15.0	53.0			
Sept. 25, 1996	Fall	34.0	28.8	66.0		27.6	15.4	63.2			
Oct. 27, 1997	Fall	32.2	26.7	67.4		30.4	17.0	58.4			
Sept. 20, 1998	Fall	30.4	21.4	68.9		61.0	29.6	40.7			
Sept. 19, 1999	Fall	26.8	22.9	73.2		23.6	14.7	44.1			
April 1974	Winter	22.6	18.5	77.4					28.1	17.9	34.6
April 15, 1983	Winter	30.9	24.5	69.1					37.7	20.7	

Table 14D-1D. Age and sex composition of the **Cape Shore caribou herd** as determined from aerial classification surveys, 1977 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
1977	Fall					2								4	14	20
1978	Fall					3								17	7	27
1979	Fall					4								23		27
1980	Fall					12								19		31
1982	Fall															
1983	Fall															
1984	Fall															
Oct. 20, 1994	Fall					63	4	110						114		177
Oct. 5, 1995	Fall					97	4	159						163		260
Oct. 12, 1996	Fall	41	23	34		98	6	168						174		272
Oct. 7, 1997	Fall	40	32	62		124	0	217						217		351
1981	Winter															45
April 26, 1996	Winter					104	10	125						135		239

Table 14D-1D (con'd). Age and sex composition of the **Cape Shore caribou herd** as determined from aerial classification surveys, 1977 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
1977	Fall							8	8	20	28
1978	Fall							4	4	27	31
1979	Fall							11	11	27	38
1980	Fall					7	7		14	31	45
1982	Fall										110
1983	Fall										128
1984	Fall										184
Oct. 20, 1994	Fall					29	23		52	177	229
Oct. 5, 1995	Fall					21	16	24	61	260	321
Oct. 12, 1996	Fall					41	49		90	272	362
Oct. 7, 1997	Fall							122	122	351	473
1981	Winter			19	19					45	78
April 26, 1996	Winter	11	40		51					239	290

Table 14D-1D (con'd). Age and sex composition of the **Cape Shore caribou herd** as determined from aerial classification surveys, 1977 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
1977	Fall						28.6				
1978	Fall	11.1	9.7	63.0		14.8	12.9				
1979	Fall	14.8	10.5	85.2		47.8	28.9				
1980	Fall	38.7	26.7	61.3		73.7	31.1	50.0			
1982	Fall										
1983	Fall										
1984	Fall										
Oct. 20, 1994	Fall	35.6	27.0	64.4		40.4	19.7	55.8			
Oct. 5, 1995	Fall	37.3	30.2	62.7		37.4	19.0	56.8			
Oct. 12, 1996	Fall	36.0	27.1	64.0		51.7	24.9	45.6			
Oct. 7, 1997	Fall	37.8	28.0	62.2		56.2	25.9				
1981	Winter									24.4	
April 26, 1996	Winter	43.5	35.9	56.5					37.8	17.6	21.6

Table 14D-1E. Age and sex composition of the **Fogo Island caribou herd** as determined from aerial classification surveys, 1996. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Oct. 22, 1996	Fall					47	40	54						94		141

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Oct. 22, 1996	Fall					29	22		51	141	192

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Oct. 22, 1996	Fall	33.3	24.5	66.7		54.3	26.6	56.9			

Table 14D-1F. Age and sex composition of the **Gaff Topsails caribou herd** as determined from aerial classification surveys, 1975 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 6, 1975	Spring					33			119	29	148	16		164		197
June 20, 1996	Spring					110			132	23	155	88		243		353
Oct. 18, 1975	Fall	21	13	8		42								45	25	112
Oct. 17, 1977	Fall	14	3	24		41								90		131
Oct. 17, 1978	Fall	20	5	29		54								98		152
Nov. 1, 1982	Fall	31	21	12		64								75		139
Dec. 3, 1982	Fall	4	8	4		16								33		49
Oct. 12, 1994	Fall					152	29	261						290	3	445
Oct. 12, 1995	Fall					93	24	280						299		392
Oct. 1, 1996	Fall	40	26	36		102	24	155						178		280
April 6, 1976	Winter					59								136		195
March 3, 1977	Winter					38								77		115
April 10, 1978	Winter					51								104		155
March 22, 1979	Winter					22								54		76
March 26, 1981	Winter					93								178		271
March 17, 1983	Winter					118								178		296

Table 14D-1F (con'd). Age and sex composition of the **Gaff Topsails caribou herd** as determined from aerial classification surveys, 1975 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 6, 1975	Spring	8	17		25			119	119	197	341
June 20, 1996	Spring	36	27	1	64			132	132	353	549
Oct. 18, 1975	Fall	7	15	2	24	10	10	1	21	112	157
Oct. 17, 1977	Fall					16	15	1	35	131	163
Oct. 17, 1978	Fall					23	31		54	152	206
Nov. 1, 1982	Fall					20	15		35	139	174
Dec. 3, 1982	Fall					14	8		22	49	71
Oct. 12, 1994	Fall					31	72	7	110	445	555
Oct. 12, 1995	Fall					42	35		77	392	469
Oct. 1, 1996	Fall					42	29		71	280	351
April 6, 1976	Winter	39	39		78					195	273
March 3, 1977	Winter	17	11	2	30					115	145
April 10, 1978	Winter	31	26	1	58					155	213
March 22, 1979	Winter	4	11		15					76	91
March 26, 1981	Winter	23	34		57					271	328
March 17, 1983	Winter	43	49	1	93					296	389

Table 14D-1F (con'd). Age and sex composition of the **Gaff Topsails caribou herd** as determined from aerial classification surveys, 1975 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 6, 1975	Spring	16.8	9.7	83.2	90.2	72.6	34.9		15.2	7.3	32.0
June 20, 1996	Spring	31.2	11.7	68.8	63.8	54.3	24.0		26.3	11.7	57.1
Oct. 18, 1975	Fall	37.5	26.8	40.2		46.7	13.4	50.0	53.3	15.3	31.8
Oct. 17, 1977	Fall	31.3	25.2	68.7		38.9	21.5	51.6			
Oct. 17, 1978	Fall	35.5	26.2	64.5		55.1	26.2	42.6			
Nov. 1, 1982	Fall	46.0	36.8	54.0		46.7	20.1	57.1			
Dec. 3, 1982	Fall	32.7	22.5	67.3		66.7	31.0	63.6			
Oct. 12, 1994	Fall	34.6	27.6	65.2		38.3	20.0	30.1			
Oct. 12, 1995	Fall	23.7	19.8	76.3		25.8	16.4	54.5			
Oct. 1, 1996	Fall	36.4	29.1	63.6		39.9	20.2	59.2			
April 6, 1976	Winter	30.3	21.6	69.7					55.9	28.6	50.0
March 3, 1977	Winter	33.0	26.2	67.0					39.0	20.7	60.7
April 10, 1978	Winter	32.9	23.9	67.1					55.8	27.2	54.4
March 22, 1979	Winter	30.0	24.2	71.1					27.8	16.5	26.7
March 26, 1981	Winter	34.3	28.4	65.7					32.0	17.4	40.4
March 17, 1983	Winter	39.9	30.3	60.1					52.2	23.9	46.7

Table 14D-1G. Age and sex composition of the **Grey Islands caribou herd** as determined from aerial classification surveys, 1972 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Oct. 14, 1972	Fall	14	7	13		34								29		63
Oct. 29, 1974	Fall	18	6	11		35								33		68
Dec. 2, 1975	Fall	2	6	6		14								17		31
Nov. 1, 1979	Fall					31								60		91
Nov. 5, 1996	Fall					11	7	19						26		37
May 5, 1977	Winter					18								40		58
April 5, 1978	Winter					14								40		54
April 28, 1992	Winter					70								205		275
April 1, 1993	Winter		10			10	27	14						79	2	91

Table 14D-1G (con'd). Age and sex composition of the **Grey Islands caribou herd** as determined from aerial classification surveys, 1972 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Oct. 14, 1972	Fall					3	1		4	63	67
Oct. 29, 1974	Fall					16	5		21	68	89
Dec. 2, 1975	Fall					8	9		17	31	48
Nov. 1, 1979	Fall					17	19		36	91	127
Nov. 5, 1996	Fall					10	6		16	37	53
May 5, 1977	Winter	15	9	2	26					58	84
April 5, 1978	Winter	12	12		24					54	78
April 28, 1992	Winter	80	52	2	134					275	409
April 1, 1993	Winter	49	13	2	64					91	155

Table 14D-1G (con'd). Age and sex composition of the **Grey Islands caribou herd** as determined from aerial classification surveys, 1972 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Oct. 14, 1972	Fall	54.0	50.7	46.0		13.8	6.0	75.0			
Oct. 29, 1974	Fall	51.5	39.3	48.5		63.6	23.6	76.2			
Dec. 2, 1975	Fall	45.2	29.2	54.8		100.0	35.4	47.1			
Nov. 1, 1979	Fall	34.1	24.4	65.9		60.0	28.3	47.2			
Nov. 5, 1996	Fall	29.7	20.8	70.3		61.5	30.2	62.5			
May 5, 1977	Winter	31.0	21.4	69.0					65.0	31.0	62.5
April 5, 1978	Winter	25.9	17.9	74.1					60.0	30.8	50.0
April 28, 1992	Winter	25.5	17.1	74.5					65.4	32.8	60.6
April 1, 1993	Winter	11.0	6.5	86.8					81.0	41.3	79.0

Table 14D-1H. Age and sex composition of the **Grey River caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 19, 1966	Spring					71								321		392
June 19, 1967	Spring	20	19	26		76			164	70	234	57		291		367
June 20, 1968	Spring					14								224		238
June 6, 1969	Spring	3	0	4		7			95	41	136	30		166		173
June 12, 1970	Spring					5								270		275
June 8, 1971	Spring					1			206	37	243	32		275		276
June 14, 1972	Spring					2			270	49	319	69		388		390
June 17, 1973	Spring	9	1	7		17			230	76	306	77		383		400
June 6, 1974	Spring					8			150	40	190	22		212		220
June 10, 1975	Spring	2	1	2		5			246	56	302	36		338		343
June 1976	Spring					33								140		173
June 12, 1978	Spring					40			166	107	273	82		355		395
June 79	Spring					96								358		454
June 5, 1980	Spring					25			117	61	178	52		230		255
June 5, 1981	Spring					11								251		262
May 1982	Spring					54								399		453
May 24, 1982	Spring					143			594	584	1178	334		1512		1655
May 27, 1982	Spring					167								1996		2163
May 21, 1983	Spring					129								2154		2283
June 7, 1984	Spring					8								169		177
July 2, 1984	Spring					39								336		375
June 16, 1995	Spring					69			144	103	247	85		332		401
June 20, 1996	Spring					1			172	84	256	80		336		337
Oct. 14, 1966	Fall	35	12	4		51								147		198
Oct. 13, 1967	Fall					66								147		213
Oct. 9, 1969	Fall	11	3	21		35								81		116
Oct. 20, 1970	Fall	25	13	66		104								182		286
Oct. 71	Fall					66								237		303

Table 14D-1H (con'd). Age and sex composition of the **Grey River caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Oct. 19, 1972	Fall	25	10	23		58								148		206
Oct. 12, 1973	Fall	23	3	26		52								153		205
Oct. 11, 1974	Fall	37	16	16		69								188		257
Oct. 17, 1975	Fall	21	12	25		58								125		183
Oct. 20, 1976	Fall	85	39	143		267								442		709
Oct. 24, 1977	Fall	44	30	98		172								300		472
Oct. 20, 1978	Fall	42	24	95		161								262		423
Oct. 1979	Fall					102								171		273
Oct. 1980	Fall	29	15	43		87								140		27
Oct. 5, 1981	Fall					58								172		230
Oct. 1982	Fall	97	40	79		216								402		618
Oct. 1982	Fall					40								146		186
Oct. 10, 1983	Fall					39								95		134
Oct. 2, 1984	Fall					101								191		292
Oct. 13, 1986	Fall					146								236		382
1994	Fall					148								428	6	582
Oct. 10, 1995	Fall	35	25	30		90								178		268
Oct. 16, 1996	Fall	65	42	40		148								242		390
March 30, 1977	Winter					87								120		207
April 5, 1978	Winter					87								160		247
March 1979	Winter					395								697		1092
March 1980	Winter					106								338		444
March 2, 1982	Winter					93								180		273
May 5, 1982	Winter					47								377	42	466
May 9, 1984	Winter					47								151		198
April 25, 1986	Winter					113								180		293

Table 14D-1H (con'd). Age and sex composition of the **Grey River caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 19, 1966	Spring			36	36			161	161	392	589
June 19, 1967	Spring	13	24	4	41	62	60	42	164	367	572
June 20, 1968	Spring			33	33			120	120	238	391
June 6, 1969	Spring	37	12	1	50	45	46	4	95	173	318
June 12, 1970	Spring			26	26			201	201	275	502
June 8, 1971	Spring	28	20	1	49			206	206	276	531
June 14, 1972	Spring	53	21	11	85			270	270	390	745
June 17, 1973	Spring	28	22		50			230	230	400	680
June 6, 1974	Spring	12	13		25			150	150	220	395
June 10, 1975	Spring			25	25			246	246	343	614
June 1976	Spring			16	16			92	92	173	281
June 12, 1978	Spring			85	85			166	166	395	646
June 79	Spring			142	142			141	141	454	737
June 5, 1980	Spring			51	51			117	117	255	423
June 5, 1981	Spring			32	32			151	151	262	445
May 1982	Spring			106	106			47	47	453	606
May 24, 1982	Spring			245	245			594	594	1655	2494
May 27, 1982	Spring			277	277					2163	2440
May 21, 1983	Spring			251	251					2283	2534
June 7, 1984	Spring			31	31			102	102	177	310
July 2, 1984	Spring			32	32			191	191	375	598
June 16, 1995	Spring	18	26	6	50			144	144	401	595
June 20, 1996	Spring	17	13	10	40			172	172	337	549
Oct. 14, 1966	Fall							24	24	198	222
Oct. 13, 1967	Fall							54	54	213	267
Oct. 9, 1969	Fall					6	14		20	116	136
Oct. 20, 1970	Fall					28	36		64	286	350

Table 14D-1H (con'd). Age and sex composition of the **Grey River caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Oct. 71	Fall							51	51	303	354
Oct. 19, 1972	Fall					10	22		32	206	238
Oct. 12, 1973	Fall					19	23		42	205	247
Oct. 11, 1974	Fall					25	26		51	257	308
Oct. 17, 1975	Fall					18	31		49	183	232
Oct. 20, 1976	Fall					75	97		172	709	881
Oct. 24, 1977	Fall					59	57		116	472	588
Oct. 20, 1978	Fall							94	94	423	517
Oct. 1979	Fall							48	48	273	321
Oct. 1980	Fall					32	29		51	27	278
Oct. 5, 1981	Fall			3	3			14	14	230	247
Oct. 1982	Fall					59	62		121	618	739
Oct. 1982	Fall			7	7			19	19	186	212
Oct. 10, 1983	Fall							37	37	134	171
Oct. 2, 1984	Fall					36	31		67	292	359
Oct. 13, 1986	Fall					39	28		67	382	449
1994	Fall	28			28	79	74	2	155	582	765
Oct. 10, 1995	Fall					15	19	14	48	268	316
Oct. 16, 1996	Fall					36	36	1	73	390	463
March 30, 1977	Winter			99	99					207	306
April 5, 1978	Winter			95	95					247	342
March 1979	Winter	132	150		282					1092	1374
March 1980	Winter	54	49		103					444	547
March 2, 1982	Winter			73	73					273	346
May 5, 1982	Winter			97	97					466	563
May 9, 1984	Winter			97	97					198	295
April 25, 1986	Winter			65	65					293	358

Table 14D-1H (con'd). Age and sex composition of the **Grey River caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 19, 1966	Spring	18.1	12.1	81.9		50.2	27.3		11.2	6.1	
June 19, 1967	Spring	20.7	13.3	79.3	80.4	56.4	28.7	50.8	14.1	7.2	35.1
June 20, 1968	Spring	5.9	3.6	94.1		53.6	30.7		14.7	8.4	
June 6, 1969	Spring	4.0	2.2	96.0	81.9	57.2	29.9	49.5	30.1	15.7	75.5
June 12, 1970	Spring	1.8	1.0	98.2		74.4	40.0		9.6	5.2	
June 8, 1971	Spring	0.4	0.2	99.6	88.4	74.9	38.8		17.8	9.2	58.3
June 14, 1972	Spring	0.5	0.3	99.5	82.2	69.6	36.2		21.9	11.4	71.6
June 17, 1973	Spring	4.3	2.5	95.7	79.9	60.1	33.8		13.1	7.4	56.0
June 6, 1974	Spring	3.6	2.0	96.4	89.6	70.8	38.0		11.8	6.3	48.0
June 10, 1975	Spring	1.5	0.8	98.5	89.3	72.8	40.1		7.4	4.1	
June 1976	Spring	19.1	11.7	80.9		65.7	32.7		11.4	5.7	
June 12, 1978	Spring	10.1	6.2	89.9	76.9	46.8	25.7		23.9	13.2	
June 79	Spring	21.2	13.0	78.8		39.4	19.1		39.7	19.3	
June 5, 1980	Spring	9.8	5.9	90.2	77.4	50.9	27.7		22.2	12.1	
June 5, 1981	Spring	4.2	2.5	95.8		60.2	33.9		12.7	7.2	
May 1982	Spring	11.9	8.9	88.1					26.6	17.5	
May 24, 1982	Spring	8.6	5.7	91.4	77.9	39.3	23.8		16.2	9.8	
May 27, 1982	Spring	7.7	6.8	92.3					13.9	11.4	
May 21, 1983	Spring	5.7	5.1	94.3					11.7	9.9	
June 7, 1984	Spring	4.5	2.6	95.5		60.4	32.9		18.3	10.0	
July 2, 1984	Spring	10.4	6.5	89.6		56.9	31.9		9.5	5.4	
June 16, 1995	Spring	17.2	11.6	82.8	74.4	43.4	24.2		15.1	8.4	40.9
June 20, 1996	Spring	0.3	0.2	99.7	76.2	51.2	31.3		11.9	7.3	56.7
Oct. 14, 1966	Fall	25.8	23.0	74.2		16.3	10.8				
Oct. 13, 1967	Fall	31.0	24.7	69.0		36.7	20.2				
Oct. 9, 1969	Fall	30.1	25.7	69.9		24.7	14.7	30.0			
Oct. 20, 1970	Fall	36.4	29.7	63.6		35.2	18.3	43.8			

Table 14D-1H (con'd). Age and sex composition of the **Grey River caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Oct. 71	Fall	21.8	18.6	78.2		21.5	14.4				
Oct. 19, 1972	Fall	28.2	24.4	71.8		21.6	13.5	31.3			
Oct. 12, 1973	Fall	25.4	21.1	74.6		27.5	17.0	45.2			
Oct. 11, 1974	Fall	26.9	22.4	73.1		27.1	16.6	49.0			
Oct. 17, 1975	Fall	31.7	25.0	68.3		39.2	21.1	36.7			
Oct. 20, 1976	Fall	37.7	30.3	62.3		38.9	19.5	43.6			
Oct. 24, 1977	Fall	36.4	29.3	63.6		38.7	19.7	50.9			
Oct. 20, 1978	Fall	38.1	31.1	61.9		35.9	18.2				
Oct. 1979	Fall	37.4	31.8	62.6		28.1	15.0				
Oct. 1980	Fall	38.3	31.3	61.7		36.4	18.4	62.7			
Oct. 5, 1981	Fall	25.2	23.5	74.8		8.1	5.7		1.7	1.2	
Oct. 1982	Fall	35.0	29.2	65.0		30.1	16.4	48.8			
Oct. 1982	Fall	21.5	18.9	78.5		13.0	9.0		4.8	3.3	
Oct. 10, 1983	Fall	29.1	22.8	70.9		39.0	21.6				
Oct. 2, 1984	Fall	34.6	28.1	65.4		35.1	18.7	53.7			
Oct. 13, 1986	Fall	38.2	32.5	61.8		28.4	14.9	58.2			
1994	Fall	25.4	19.3	76.2		36.2	20.3	51.6	6.5	3.7	
Oct. 10, 1995	Fall	33.6	28.5	66.4		27.0	15.2	44.1			
Oct. 16, 1996	Fall	38.0	32.0	62.0		30.2	15.8	52.4			
March 30, 1977	Winter	42.0	28.4	58.0					82.5	32.4	
April 5, 1978	Winter	35.2	25.4	64.8					59.4	27.8	
March 1979	Winter	36.2	28.7	63.8					40.5	20.5	46.8
March 1980	Winter	23.9	19.4	76.1					30.5	18.8	52.4
March 2, 1982	Winter	34.1	26.9	65.9					40.6	21.1	
May 5, 1982	Winter	10.1	8.3	80.9					25.8	17.2	
May 9, 1984	Winter	23.7	15.9	76.3					64.2	32.9	
April 25, 1986	Winter	38.6	31.6	61.4					36.1	18.2	

Table 14D-1I. Age and sex composition of the **Gros Morne caribou herd** as determined from aerial classification surveys, 1976 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 10, 1976	Spring													79		79
June 20, 1977	Spring													145		145
June 6, 1983	Spring					49								178		227
June 12, 1986	Spring															467
June 11, 1992	Spring															550
June 10, 1993	Spring					18			210	88	298	43		341		359
June 11, 1994	Spring					29			157	93	250	103		353	3	382
May 18, 1995	Spring					96	41	77						118	3	217
June 4, 1995	Spring					29	56	142	100	77	177	21		198		227
June 11, 1995	Spring					36	39	152	87	66	153	38		191		227
June 12, 1996	Spring					64			96	72	168	63		231		295
June 5, 1997	Spring					16			12		12	48		60		76
June 12, 1997	Spring					120			179	49	228	77		305		425
June 21, 1997	Spring					107			115	55	170	96		266		373
Oct. 12, 1993	Fall					41								75		116
Oct. 13, 1994	Fall					75	78	57						135	1	211
Nov. 10, 1995	Fall					105	115	104						194	3	302
Oct. 2, 1996	Fall					45								70	1	116
Nov. 12, 1997	Fall					162	165	163						328	2	492
March 9, 1997	Winter					27								45		72

Table 14D-1I (con'd). Age and sex composition of the **Gros Morne caribou herd** as determined from aerial classification surveys, 1976 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 10, 1976	Spring							36	36	79	115
June 20, 1977	Spring							50	50	145	195
June 6, 1983	Spring							92	92	227	319
June 12, 1986	Spring							129	129	467	596
June 11, 1992	Spring							108	108	550	658
June 10, 1993	Spring			106	106			211	211	359	676
June 11, 1994	Spring			89	89			157	157	382	628
May 18, 1995	Spring	45	38	2	85					217	302
June 4, 1995	Spring			80	80			108	108	227	415
June 11, 1995	Spring	19	20	1	40			87	87	227	354
June 12, 1996	Spring	32	30	4	65			96	96	295	456
June 5, 1997	Spring			7	7			12	12	76	95
June 12, 1997	Spring			88	88			179	179	425	692
June 21, 1997	Spring			58	58			115	115	373	546
Oct. 12, 1993	Fall							34	34	116	150
Oct. 13, 1994	Fall							58	58	211	269
Nov. 10, 1995	Fall					32	44	3	79	302	381
Oct. 2, 1996	Fall							29	29	116	145
Nov. 12, 1997	Fall					64	51	4	119	492	611
March 9, 1997	Winter			12	12					72	84

Table 14D-1I (con'd). Age and sex composition of the **Gros Morne caribou herd** as determined from aerial classification surveys, 1976 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 10, 1976	Spring			100.0		45.6	31.3				
June 20, 1977	Spring			100.0		34.5	25.6				
June 6, 1983	Spring	21.6	42.6	78.4		51.7	28.8				
June 12, 1986	Spring						21.6				
June 11, 1992	Spring						16.4				
June 10, 1993	Spring	5.0	2.7	95.0	87.4	61.9	31.2		31.1	15.7	
June 11, 1994	Spring	7.6	4.6	92.4	70.8	44.5	25.0		25.2	14.2	
May 18, 1995	Spring	44.2	31.8	54.4					72.0	28.1	54.2
June 4, 1995	Spring	12.8	7.0	87.2	89.4	54.5	26.0		40.4	19.3	
June 11, 1995	Spring	15.9	10.2	84.1	80.1	45.6	24.6		20.9	11.3	48.7
June 12, 1996	Spring	21.7	14.0	78.3	72.7	41.6	21.1		28.1	14.3	52.5
June 5, 1997	Spring	21.1	16.8	78.9	20.0	20.0	12.6		11.7	7.4	
June 12, 1997	Spring	28.2	17.3	71.8	74.8	58.7	25.9		28.9	12.7	
June 21, 1997	Spring	28.7	19.6	71.3	63.9	43.2	21.1		21.8	10.6	
Oct. 12, 1993	Fall	35.3	27.3	64.7		45.3	22.7				
Oct. 13, 1994	Fall	35.5	27.9	64.0		43.0	21.6				
Nov. 10, 1995	Fall	34.8	27.6	64.2		40.7	20.7				
Oct. 2, 1996	Fall	38.8	31.0	60.3		41.4	20.0				
Nov. 12, 1997	Fall	32.9	26.5	66.7		36.3	19.5	55.7			
March 9, 1997	Winter	37.5	32.1	62.5		26.7	14.3		26.7	14.3	

Table 14D-1J. Age and sex composition of the **Hampden Downs caribou herd** as determined from aerial classification surveys, 1978 - 82. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Nov. 21, 1978	Fall					34								50		84
Oct. 22, 1979	Fall					60								62	3	125
Nov. 3, 1982	Fall	5	13	15		33								40		73
March 28, 1979	Winter					31								47		78
April 2, 1981	Winter					48								43		91

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Nov. 21, 1978	Fall					10	11	1	22	84	106
Oct. 22, 1979	Fall					16	18	2	36	125	161
Nov. 3, 1982	Fall					9	12		21	73	94
March 28, 1979	Winter	7	8	4	19					78	97
April 2, 1981	Winter	8	6		14					91	105

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Nov. 21, 1978	Fall	40.5	32.1	59.5		44.0	20.8	47.6			
Oct. 22, 1979	Fall	48.0	37.3	49.6		58.1	22.4	47.1			
Nov. 3, 1982	Fall	45.2	35.1	54.8		52.5	22.3	42.9			
March 28, 1979	Winter	39.7	32.0	60.3					40.4	19.6	46.6
April 2, 1981	Winter	52.8	45.7	47.3					32.6	13.3	57.1

Table 14D-1K. Age and sex composition of the **Humber caribou herd** as determined from aerial classification surveys, 1997. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Nov. 12, 1997	Fall					44	73	87						160	2	206

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Nov. 12, 1997	Fall					42	30		72	206	278

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Nov. 12, 1997	Fall	21.4	15.8	77.7		45.0	25.9	58.3			

Table 14D-1L. Age and sex composition of the **La Poile caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 10, 1969	Spring		1	3		4			112	29	141	29		170		174
June 12, 1970	Spring					13								257		270
June 7, 1971	Spring					6			260	32	292	47		339		345
June 8, 1972	Spring					6			241	69	310	54		364		370
June 4, 1973	Spring	30		27		57			100	114	214	104		318		375
June 9, 1974	Spring					9			137	24	161	20		181		190
June 6, 1975	Spring					26			36	39	75	27		102		128
June 13, 1980	Spring					54								236		290
June 14, 1987	Spring					218			223	49	272	85		357		575
May 28, 1988	Spring					107			679	103	782	206		998	2	1107
May 25, 1990	Spring					47								290		337
June 17, 1996	Spring					70			258	26	284	108		392	1	463
Oct. 27, 1966	Fall	28	9	3		40								244		284
Oct. 12, 1967	Fall					67								143		210
Oct. 20, 1970	Fall	18	19	39		76								205		281
Oct. 1971	Fall	21	21	28		70								202		272
Oct. 12, 1972	Fall	43	42	66		151								348		499
Oct. 25, 1973	Fall	31	25	20		76								191		267
Oct. 1974	Fall	21	10	31		62								136		198
Oct. 10, 1975	Fall	20	17	34		71								134		205
Nov. 29, 1977	Fall	3	14	17		34								63		97
Oct. 20, 1978	Fall	12	15	43		70								150		220
Oct. 29, 1980	Fall					91								145		236
Nov. 2, 1982	Fall	42	49	49		140								292		432
Oct. 5, 1985	Fall					85								163		248
Oct. 20, 1986	Fall	44	34	80		158								451		609
Oct. 13, 1987	Fall	78	77	123		348								720	1	1069
Oct. 11, 1989	Fall					126								319	1	446
Oct. 12, 1990	Fall	43	20	55		118								320		438

Table 14D-1L (con'd). Age and sex composition of the **La Poile caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Dec. 10, 1992	Fall					156								748		904
Oct. 13, 1994	Fall					206	142	439						589	5	800
Oct. 13, 1995	Fall					138	32	265						293		431
Oct. 29, 1996	Fall					217	117	420						543		760
Nov. 7, 1997	Fall	25	22	51		98	72	272						344		442
March 19, 1975	Winter					27								122		149
April 9, 1976	Winter					89								230		319
Feb. 25, 1977	Winter					83								128		211
April 4, 1978	Winter					80								185		265
March 2, 1979	Winter					50								81		131
March 24, 1981	Winter					112								280		392
Jan. 10, 1986	Winter					97								200		297
April 30, 1986	Winter					64								328		392
Feb. 12, 1987	Winter					384								771		1155
April 7, 1988	Winter					367								1309	62	1738
April 25, 1989	Winter					198								540		738

Table 14D-1L (con'd). Age and sex composition of the **La Poile caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 10, 1969	Spring	26	30		56	32	57	23	112	174	342
June 12, 1970	Spring				32			189	189	270	491
June 7, 1971	Spring	22	8	1	31			260	260	345	636
June 8, 1972	Spring	45	46	3	94			241	241	370	705
June 4, 1973	Spring	38	36	2	76			100	100	375	551
June 9, 1974	Spring	32	14	6	52			137	137	190	379
June 6, 1975	Spring	10	31		41			36	36	128	205
June 13, 1980	Spring				45			147	147	290	482
June 14, 1987	Spring	64	67	2	133			223	223	575	931
May 28, 1988	Spring	72	59	36	167	198	198		679	1107	1953
May 25, 1990	Spring					80	60	8	148	337	485
June 17, 1996	Spring	50	54	5	109				258	463	830
Oct. 27, 1966	Fall							83	83	284	367
Oct. 12, 1967	Fall							73	73	210	283
Oct. 20, 1970	Fall					29	26		55	281	336
Oct. 1971	Fall					36	52	1	89	272	361
Oct. 12, 1972	Fall					49	49	3	101	499	600
Oct. 25, 1973	Fall					32	31	1	64	267	331
Oct. 1974	Fall					37	23	1	61	198	259
Oct. 10, 1975	Fall					46	41	2	89	205	294
Nov. 29, 1977	Fall					7	13	1	21	97	118
Oct. 20,1978	Fall					31	39		70	220	290
Oct. 29, 1980	Fall					27	40	2	69	236	305
Nov. 2, 1982	Fall					66	67	1	134	432	566
Oct. 5, 1985	Fall					27	16		43	248	291
Oct. 20, 1986	Fall					54	49	1	104	609	713
Oct. 13, 1987	Fall					43	67	103	213	1069	1282
Oct. 11, 1989	Fall					33	43	11	87	446	533

Table 14D-1L (con'd). Age and sex composition of the **La Poile caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Oct. 12, 1990	Fall					44	54		98	438	536
Dec. 10, 1992	Fall					312	214	11	537	904	1441
Oct. 13, 1994	Fall					100	93	6	199	800	999
Oct. 13, 1995	Fall					74	38	4	116	431	547
Oct. 29, 1996	Fall					97	90		187	760	947
Nov. 7, 1997	Fall					48	27	8	83	442	525
March 19, 1975	Winter	38	24		62					149	211
April 9, 1976	Winter	47	63		110					319	429
Feb. 25, 1977	Winter	39	50	2	91					211	302
April 4, 1978	Winter	32	57	5	94					265	359
March 2, 1979	Winter	23	20	1	44					131	175
March 24, 1981	Winter	61	66		127					392	519
Jan. 10, 1986	Winter	59	51		110					297	407
April 30, 1986	Winter	70	83	1	154					392	546
Feb. 12, 1987	Winter	55	53		108					1155	1263
April 7, 1988	Winter	243	230	80	553					1738	2291
April 25, 1989	Winter	127	149	1	277					738	1015

Table 14D-1L (con'd). Age and sex composition of the **La Poile caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 10, 1969	Spring	2.3	1.2	97.7	82.9	65.9	32.7	36.0	32.9	16.4	46.4
June 12, 1970	Spring	4.8	2.6	95.2		73.5	38.5		12.5	6.5	
June 7, 1971	Spring	1.7	0.9	98.3	86.1	75.4	40.9		9.1	4.9	73.3
June 8, 1972	Spring	1.6	0.9	98.4	85.2	66.2	34.2		25.8	13.3	49.5
June 4, 1973	Spring	15.2	10.3	84.8	67.3	3.1	18.1		23.9	13.8	51.4
June 9, 1974	Spring	4.7	2.4	95.3	89.0	75.7	36.1		28.7	13.7	61.5
June 6, 1975	Spring	20.3	12.7	79.7	73.5	35.3	17.6		40.2	20.0	24.4
June 13, 1980	Spring	18.6	11.2	81.4		62.3	30.5		19.1	9.3	
June 14, 1987	Spring	37.9	23.4	62.1	76.2	62.5	24.0		37.3	14.3	48.9
May 28, 1988	Spring	9.7	5.5	90.2	78.4	68.0	34.8	50.0	16.7	8.6	55.0
May 25, 1990	Spring	14.0	9.7	86.1		51.0	30.5	57.1			
June 17, 1996	Spring	15.1	8.4	84.7	72.4	65.8	31.1		27.8	13.1	32.5
Oct. 27, 1966	Fall	14.1	10.9	85.9		34.0	22.6				
Oct. 12, 1967	Fall	31.9	23.7	68.1		51.0	25.8				
Oct. 20, 1970	Fall	27.1	22.6	73.0		26.8	16.4	52.7			
Oct. 1971	Fall	25.7	19.4	74.3		44.1	24.7				
Oct. 12, 1972	Fall	30.3	25.2	69.7		29.0	16.8	50.0			
Oct. 25, 1973	Fall	28.5	23.0	71.5		33.5	19.3	50.8			
Oct. 1974	Fall	31.3	23.9	68.7		44.9	23.6	61.7			
Oct. 10, 1975	Fall	34.6	24.2	65.4		66.4	30.3	52.9			
Nov. 29, 1977	Fall	35.1	28.8	64.9		33.3	17.8	35.0			
Oct. 20, 1978	Fall	31.8	24.1	68.2		46.7	24.1	44.3			
Oct. 29, 1980	Fall	38.6	29.8	61.4		47.6	22.6	40.3			
Nov. 2, 1982	Fall	32.4	24.7	67.6		45.9	23.7	49.6			
Oct. 5, 1985	Fall	34.3	29.2	65.7		26.4	14.8	62.8			
Oct. 20, 1986	Fall	25.9	22.2	74.1		23.1	14.6	52.4			
Oct. 13, 1987	Fall	32.6	27.1	67.4		29.6	16.6	39.1			
Oct. 11, 1989	Fall	28.3	23.6	71.5		27.3	16.3	43.4			

Table 14D-1L (con'd). Age and sex composition of the **La Poile caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Oct. 12, 1990	Fall	26.9	22.0	73.1		30.6	18.3	44.9			
Dec. 10, 1992	Fall	17.3	10.8	82.7		71.8	37.3	59.3			
Oct. 13, 1994	Fall	25.8	20.6	73.6		33.8	19.9	51.8			
Oct. 13, 1995	Fall	32.0	25.2	68.0		39.6	21.2	66.1			
Oct. 29, 1996	Fall	40.0	22.9	71.4		34.4	19.7	51.9			
Nov. 7, 1997	Fall	22.2	18.7	77.8		24.1	15.8	64.0			
March 19, 1975	Winter	18.1	12.8	81.9					50.8	29.4	61.3
April 9, 1976	Winter	27.9	20.7	72.1					47.8	25.6	42.7
Feb. 25, 1977	Winter	39.3	27.5	60.7					71.1	30.1	43.8
April 4, 1978	Winter	30.2	22.3	69.8					50.8	26.2	36.0
March 2, 1979	Winter	38.2	28.6	61.8					54.3	25.1	53.5
March 24, 1981	Winter	28.6	21.6	71.4					45.4	24.5	48.0
Jan. 10, 1986	Winter	32.7	23.8	67.3					55.0	27.0	53.6
April 30, 1986	Winter	16.3	11.7	83.7					47.0	28.2	45.8
Feb. 12, 1987	Winter	33.3	30.4	66.8					14.0	9.4	50.9
April 7, 1988	Winter	21.1	16.0	75.3					42.2	24.1	51.4
April 25, 1989	Winter	26.8	19.5	73.2					51.3	27.3	46.0

Table 14D-1M. Age and sex composition of the **Merasheen Island caribou herd** as determined from aerial classification surveys, 1996 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
May 26, 1996	Spring					21								61	8	90
Oct. 20, 1996	Fall	22	14	20		56	51	69						120	12	188
Oct. 22, 1997	Fall	22	27	23		72	55	88						143	5	220

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
May 26, 1996	Spring	4	6	1	11			4	4	90	105
Oct. 20, 1996	Fall					15	22	4	41	188	229
Oct. 22, 1997	Fall					35	32	3	70	220	290

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
May 26, 1996	Spring	23.3	20.0	67.8		6.6	3.8		18.0	10.5	40.0
Oct. 20, 1996	Fall	29.8	24.5	63.8		34.2	17.9	40.5			
Oct. 22, 1997	Fall	32.7	32.7	65.0		49.0	24.1	52.2			

Table 14D-1N. Age and sex composition of the **Middle Ridge caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 3, 1966	Spring					1								110		111
June 9, 1967	Spring					0			117	25	142	41		183	4	187
June 4, 1968	Spring					12								137		149
June 4, 1969	Spring			2		2			120	32	152	31		183		185
June 5, 1970	Spring					13								140		153
June 1, 1971	Spring					5			110	25	135	38		173		178
June 13, 1972	Spring					7	61	35	110	30	140	34		174		181
June 5, 1973	Spring	4		1		5			105	42	147	17		164		169
June 1974	Spring					1			71	17	88	10		98		99
June 7, 1975	Spring					3								151		154
June 8, 1977	Spring					13			82	40	122	46		168		181
June 19, 1978	Spring					7								334		341
June 3, 1981	Spring	17	21	45		73			127	195	322	0		322		395
May 30, 1996	Spring					116			238	247	485	152		637	10	763
Oct. 8, 1969	Fall	18	4	9		31								29		60
Oct. 23, 1970	Fall	17	14	26		57								85		142
Oct. 1971	Fall					36								73		109
Oct. 19, 1972	Fall	29	9	38		76								96		172
Oct. 15, 1973	Fall	25	10	22		57								101		158
Oct. 3, 1974	Fall	31	3	16		50								100		150
Oct. 14, 1975	Fall					62								83		145
Nov. 12, 1976	Fall					18								25		43
Oct. 12, 1977	Fall	35	11	22		68								141		209
Oct. 18, 1978	Fall					65								92	2	159
Oct. 27, 1980	Fall	26	10	38		74								140	10	224
Oct. 21, 1982	Fall	24	24	45		93								146		239
Oct. 13, 1983	Fall					145								199		344
Oct. 14, 1984	Fall					138								274		412

Table 14D-1N (con'd). Age and sex composition of the **Middle Ridge caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Oct. 19, 1985	Fall					218								305		523
Oct. 18, 1986	Fall					271								415		686
Nov. 15, 1987	Fall					186								358		544
Oct. 15, 1988	Fall	43	60	43		180								358		538
Oct. 18, 1989	Fall	45	96	67		221								538		759
Oct. 10, 1990	Fall	69	43	105		217								510		727
Oct. 26, 1991	Fall					80								165		248
Oct. 21, 1992	Fall	43	23	35		101								294		395
Oct. 21, 1992	Fall					178								502		680
Oct. 19, 1993	Fall	80	22	60		162	104	362						466		628
Oct. 20, 1994	Fall					281	174	428						601	7	889
Nov, 2, 1995	Fall					263								564	10	837
Oct. 21, 1996	Fall	99	93	89		281								611	7	899
Oct. 24, 1997	Fall	112	89	85		286	165	558						723	7	1011
Feb. 25, 1975	Winter														316	316
Jan. 28, 1976	Winter														300	300
March 28, 1977	Winter					69								108		177
March 25, 1979	Winter					37								78		115
April 10, 1980	Winter					108								146		254
March 27, 1985	Winter					353								608		961
April 7, 1986	Winter					196								412		608
March 27, 1987	Winter					308								580		888
March 29, 1988	Winter					337								698		1035
Feb. 18, 1989	Winter					197								546		743
Feb. 22, 1992	Winter					212								463	28	703
May 13, 1995	Winter					227								629		856
April 17, 1996	Winter					174								717		900

Table 14D-1N (con'd). Age and sex composition of the **Middle Ridge caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 3, 1966	Spring			32	32			77	77	111	220
June 9, 1967	Spring	23	11	5	39	40	27	50	117	187	343
June 4, 1968	Spring			13	13			86	86	149	248
June 4, 1969	Spring	27	18		45	48	66	6	120	185	350
June 5, 1970	Spring			28	28			88	88	153	269
June 1, 1971	Spring	17	29	6	52			110	110	178	340
June 13, 1972	Spring	15	18	2	35			110	110	181	326
June 5, 1973	Spring	11	8		19			105	105	169	293
June 1974	Spring	2	3		5			71	71	99	175
June 7, 1975	Spring			14	14			99	99	154	267
June 8, 1977	Spring	22	15		37			82	82	181	300
June 19, 1978	Spring			62	62			215	215	341	618
Jun 3, 1981	Spring							127	127	395	522
May 30, 1996	Spring	52	31	4	87			238	238	763	1088
Oct. 8, 1969	Fall					5	4	1	10	60	70
Oct. 23, 1970	Fall					9	19		28	142	170
Oct. 1971	Fall								15	109	124
Oct. 19, 1972	Fall					14	15		29	172	201
Oct. 15, 1973	Fall					5	6	1	12	158	170
Oct. 3, 1974	Fall					18	10		28	150	178
Oct. 14, 1975	Fall								44	145	189
Nov. 12, 1976	Fall								19	43	62
Oct. 12, 1977	Fall					34	29		63	209	272
Oct. 18, 1978	Fall							36	36	159	195
Oct. 27, 1980	Fall							60	60	224	284
Oct. 21, 1982	Fall							82	82	239	321
Oct. 13, 1983	Fall							94	94	344	438
Oct. 14, 1984	Fall							146	146	412	558

Table 14D-1N (con'd). Age and sex composition of the **Middle Ridge caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Oct. 19, 1985	Fall					76	55	10	141	523	664
Oct. 18, 1986	Fall					78	90	7	175	686	861
Nov. 15, 1987	Fall					84	81	1	166	544	710
Oct. 15, 1988	Fall					70	90	3	163	538	701
Oct. 18, 1989	Fall					95	121		216	759	975
Oct. 10, 1990	Fall					63	68	1	132	727	859
Oct. 26, 1991	Fall					46	42		91	248	339
Oct. 21, 1992	Fall							66	66	395	461
Oct. 21, 1992	Fall							121	121	680	801
Oct. 19, 1993	Fall					72	55		127	628	755
Oct. 20, 1994	Fall					78	77	6	161	889	1050
Nov, 2, 1995	Fall					61	75	14	150	837	987
Oct. 21, 1996	Fall					84	78	4	166	899	1065
Oct. 24, 1997	Fall					114	105	8	227	1011	1243
Feb. 25, 1975	Winter			61	61					316	377
Jan. 28, 1976	Winter			61	61					300	361
March 28, 1977	Winter			43	43					177	220
March 25, 1979	Winter			33	33					115	148
April 10, 1980	Winter			94	94					254	348
March 27, 1985	Winter	144	153	18	315					961	1276
April 7, 1986	Winter	76	74	38	188					608	796
March 27, 1987	Winter	149	116	1	266					888	1154
March 29, 1988	Winter	117	182	3	302					1035	1337
Feb. 18, 1989	Winter	98	123		221					743	964
Feb. 22, 1992	Winter	106	101	31	238					703	941
May 13, 1995	Winter	83	105	2	190					856	1046
April 17, 1996	Winter	69	114	10	193					900	1093

Table 14D-1N (con'd). Age and sex composition of the **Middle Ridge caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 3, 1966	Spring	0.9	0.5	99.1		70.0	35.0		29.1	14.5	
June 9, 1967	Spring	0.0	0.0	97.9	77.6	63.9	34.1	59.7	21.3	11.4	67.6
June 4, 1968	Spring	8.1	4.8	91.9		62.8	34.7		9.5	5.2	
June 4, 1969	Spring	1.1	0.6	98.9	83.1	65.6	34.3	42.1	24.6	12.9	60.0
June 5, 1970	Spring	8.5	4.8	91.5		62.9	32.7		20.0	10.4	
June 1, 1971	Spring	2.8	1.5	97.2	78.0	63.6	32.4		30.1	15.3	37.0
June 13, 1972	Spring	3.9	2.1	96.1	80.5	63.2	33.7		20.1	10.7	45.5
June 5, 1973	Spring	3.0	1.7	97.0	89.6	64.0	35.8		11.6	6.5	57.9
June 1974	Spring	1.1	0.6	89.9	89.8	72.4	40.6		5.1	2.9	
June 7, 1975	Spring	1.9	1.1	98.1		65.6	37.1		9.3	5.2	
June 8, 1977	Spring	7.2	4.3	92.8	72.6	48.8	27.3		22.0	12.3	59.5
June 19, 1978	Spring	2.1	0.0	97.9		64.4	34.8		18.6	10.0	
Jun 3, 1981	Spring	18.5	14.0	81.5	100.0	39.4	24.3				
May 30, 1996	Spring	15.2	10.7	83.5	76.1	37.4	21.9		13.7	8.0	62.7
Oct. 8, 1969	Fall	51.7	44.3	48.3		34.5	14.3	55.6			
Oct. 23, 1970	Fall	40.1	33.5	59.9		32.9	16.5	32.1			
Oct. 1971	Fall	33.0	29.0	67.0		20.5	12.1				
Oct. 19, 1972	Fall	44.2	37.8	55.8		30.2	14.4	48.3			
Oct. 15, 1973	Fall	36.1	33.5	63.9		11.9	7.1	45.5			
Oct. 3, 1974	Fall	33.3	28.1	66.7		28.0	15.7	64.3			
Oct. 14, 1975	Fall	42.8	32.8	57.2		53.0	23.3				
Nov. 12, 1976	Fall	41.9	29.0	58.1		76.0	30.7				
Oct. 12, 1977	Fall	32.5	25.0	67.5		44.7	23.2	54.0			
Oct. 18, 1978	Fall	40.9	33.3	57.9		39.1	18.5				
Oct. 27, 1980	Fall	33.0	26.1	62.5		42.9	21.1				
Oct. 21, 1982	Fall	38.9	29.0	61.1		56.2	25.6				
Oct. 13, 1983	Fall	42.2	33.1	57.8		47.2	21.5				

Table 14D-1N (con'd). Age and sex composition of the **Middle Ridge caribou herd** as determined from aerial classification surveys, 1966 - 97. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Oct. 14, 1984	Fall	33.5	24.7	66.5		53.3	26.2				
Oct. 19, 1985	Fall	41.7	32.8	58.3		46.2	21.2	58.0			
Oct. 18, 1986	Fall	39.5	31.5	60.5		42.2	20.3	46.4			
Nov. 15, 1987	Fall	34.2	26.2	65.8		46.4	23.4	50.9			
Oct. 15, 1988	Fall	33.5	25.7	66.5		45.5	23.3	43.8			
Oct. 18, 1989	Fall	29.1	22.7	70.9		40.1	22.2	44.0			
Oct. 10, 1990	Fall	29.9	25.3	70.2		25.9	15.4	50.5			
Oct. 26, 1991	Fall	32.3	23.6	66.5		55.2	26.8				
Oct. 21, 1992	Fall	25.6	21.9	74.4		22.4	14.3				
Oct. 21, 1992	Fall	26.2	22.2	73.8		24.1	15.1	56.7			
Oct. 19, 1993	Fall	25.8	21.5	74.2		27.3	16.8	50.3			
Oct. 20, 1994	Fall	31.6	26.8	67.6		26.8	15.3	44.9			
Nov, 2, 1995	Fall	31.4	26.6	67.4		26.6	15.2	51.9			
Oct. 21, 1996	Fall	31.3	26.4	68.0		27.2	15.6	52.1			
Oct. 24, 1997	Fall	28.3	23.0	71.5		31.4	18.3				
Feb. 25, 1975	Winter									15.9	
Jan. 28, 1976	Winter									16.9	
March 28, 1977	Winter	39.0	31.4	61.0						19.5	
March 25, 1979	Winter	32.2	25.0	67.0					42.3	22.3	
April 10, 1980	Winter	42.5	31.0	57.5					64.4	27.0	
March 27, 1985	Winter	36.7	27.7	63.3					51.8	24.7	48.5
April 7, 1986	Winter	32.2	24.6	67.8					45.6	23.6	50.7
March 27, 1987	Winter	34.7	26.7	65.3					45.8	23.1	56.2
March 29, 1988	Winter	32.6	25.2	67.4					43.3	22.6	39.1
Feb. 18, 1989	Winter	26.5	20.4	73.5					40.5	22.9	44.3
Feb. 22, 1992	Winter	30.2	22.5	65.9					51.4	25.3	51.2
May 13, 1995	Winter	26.5	21.7	73.5					30.2	18.2	44.1

Table 14D-1O. Age and sex composition of the **Mount Peyton caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 5, 1966	Spring					12								52		64
June 10, 1967	Spring					11				2	2	9	63	74	12	97
June 6, 1969	Spring	1	1	2		4			67	20	87	15		102		106
June 4, 1970	Spring					17								113		130
June 11, 1971	Spring					9			78	35	113	44		157		166
June 12, 1972	Spring					7			95	19	114	22		136		143
June 17, 1973	Spring		5	1		6			96	20	116	18		134	1	141
June 8, 1974	Spring					3			56	14	70	17		87		90
June 11, 1975	Spring	2	1	2		5			103	14	117	26		143		148
June 18, 1982	Spring					18			133	20	153	21		174		192
June 13, 1995	Spring					15			173	38	211	56		267		282
June 15, 1996	Spring					13			91	33	124	58		182		195
Oct. 10, 1969	Fall	14	4	14		32								46		78
Oct. 21, 1970	Fall	13	9	16		38								56		94
Oct. 19, 1972	Fall	14	8	17		39								61		100
Oct. 18, 1973	Fall	3	4	3		10								21	1	32
Oct. 11, 1974	Fall	15	2	1		18								41		59
Oct. 8, 1975	Fall	17	5	13		35								60		95
Oct. 15, 1976	Fall	13	1	15		29								80		109
Nov. 22, 1977	Fall	19	12	43		74								125		199
Oct. 1978	Fall	3	3	5		11								19		30
Nov. 1979	Fall	22	10	33		65								154		219
Oct. 23, 1980	Fall	28	27	26		81								148		229
Oct. 26, 1982	Fall	27	6	28		61								93		154
Oct. 1983	Fall	16	15	14		46								78		124
Oct. 14, 1984	Fall					29								54		83
Oct. 11, 1994	Fall	36	19	31		86	106	145						246	4	336
Oct. 19, 1995	Fall	27	15	22		64								190		254
Oct. 16, 1996	Fall	22	8	6		36	48	69						117		153
March 31, 1977	Winter					13								8		21
March 28, 1979	Winter					43								148		191

Table 14D-1O (con'd). Age and sex composition of the **Mount Peyton caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 5, 1966	Spring							32	32	64	96
June 10, 1967	Spring	7	8	14	29	2	3	60	65	97	191
June 6, 1969	Spring	10	3		13	27	36	4	67	106	186
June 4, 1970	Spring			17	17			69	69	130	216
June 11, 1971	Spring	13	10	2	25			78	78	166	269
June 12, 1972	Spring	11	7	3	21			95	95	143	259
June 17, 1973	Spring	5	6		11			96	96	141	248
June 8, 1974	Spring	4	6	1	11			56	56	90	157
June 11, 1975	Spring	16	10		26			103	103	148	277
June 18, 1982	Spring	14	10		24			133	133	192	349
June 13, 1995	Spring	9	6	4	19			173	173	282	474
June 15, 1996	Spring	18	13	1	32			91	91	195	318
Oct. 10, 1969	Fall							22	22	78	100
Oct. 21, 1970	Fall					6	9		15	94	109
Oct. 19, 1972	Fall					2	8		10	100	110
Oct. 18, 1973	Fall					7	1	2	10	32	42
Oct. 11, 1974	Fall					11	13		24	59	83
Oct. 8, 1975	Fall					13	8		21	95	116
Oct. 15, 1976	Fall							22	22	109	131
Nov. 22, 1977	Fall					34	23		57	199	256
Oct. 1978	Fall					2	2		4	30	34
Nov. 1979	Fall					28	20		48	219	267
Oct. 23, 1980	Fall					29	19		48	229	277
Oct. 26, 1982	Fall					17	27		44	154	198
Oct. 1983	Fall					18	9		27	124	151
Oct. 14, 1984	Fall							22	22	83	105
Oct. 11, 1994	Fall									336	336
Oct. 19, 1995	Fall					38	9	1	48	254	302
Oct. 16, 1996	Fall					13	16	3	32	153	185
March 31, 1977	Winter			5	5					21	26
March 28, 1979	Winter	22	14		36					191	227

Table 14D-1O (con'd). Age and sex composition of the **Mount Peyton caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 5, 1966	Spring	18.8	12.5	81.3		61.5	33.3				
June 10, 1967	Spring	11.3	5.8	76.3		87.8	34.0		39.2	15.2	46.7
June 6, 1969	Spring	3.8	2.2	96.2	85.3	65.7	36.2	42.9	12.7	7.0	76.9
June 4, 1970	Spring	13.1	7.9	86.9		61.1	31.9		15.0	7.9	
June 11, 1971	Spring	5.4	3.3	94.6	72.0	49.7	29.0		15.9	9.3	56.5
June 12, 1972	Spring	4.9	2.7	95.1	83.8	69.9	36.7		15.4	8.1	61.1
June 17, 1973	Spring	4.3	2.4	95.0	86.6	71.6	38.7		8.2	4.4	45.5
June 8, 1974	Spring	3.3	0.2	96.7	80.5	64.4	35.7		12.6	7.0	40.0
June 11, 1975	Spring	3.4	1.8	96.6	81.8	72.0	37.2		18.2	9.4	61.5
June 18, 1982	Spring	9.4	5.2	90.6	87.9	76.4	38.1		13.8	6.9	58.3
June 13, 1995	Spring	5.3	3.2	94.7	79.0	64.8	36.5		7.1	4.0	60.0
June 15, 1996	Spring	6.7	4.1	93.3	68.1	50.0	19.2		10.7	6.8	58.1
Oct. 10, 1969	Fall	41.0	32.0	59.0		47.8	22.0				
Oct. 21, 1970	Fall	40.4	34.9	59.6		26.8	13.8	40.0			
Oct. 19, 1972	Fall	39.0	35.5	61.0		16.4	9.1	20.0			
Oct. 18, 1973	Fall	31.3	23.8	65.6		47.6	23.8	87.5			
Oct. 11, 1974	Fall	30.5	21.7	69.5		58.5	28.9	45.8			
Oct. 8, 1975	Fall	36.8	30.2	63.2		35.0	18.1	61.9			
Oct. 15, 1976	Fall	26.6	22.1	73.4		27.5	16.8				
Nov. 22, 1977	Fall	37.2	28.9	62.8		45.6	22.3	59.6			
Oct. 1978	Fall	36.7	32.4	63.3		21.1	11.8				
Nov. 1979	Fall	29.7	24.3	70.3		31.2	18.0	58.3			
Oct. 23, 1980	Fall	35.4	29.2	64.6		32.4	17.3	60.4			
Oct. 26, 1982	Fall	39.6	30.8	60.4		47.3	22.2	38.6			
Oct. 1983	Fall	37.1	30.5	62.9		34.6	17.9	66.7			
Oct. 14, 1984	Fall	34.9	27.6	65.1		40.7	21.0				
Oct. 11, 1994	Fall	25.6	25.6	73.2							
Oct. 19, 1995	Fall	25.2	21.2	74.8		25.3	15.9	80.9			
Oct. 16, 1996	Fall	30.8	19.5	76.5		27.4	17.3	46.9			
March 31, 1977	Winter	61.9	50.0	38.1							
March 28, 1979	Winter	22.5	18.9	77.5					24.3	15.9	61.1

Table 14D-1P. Age and sex composition of the **Northern Peninsula caribou herd** as determined from aerial classification surveys, 1971 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 8, 1971	Spring					8			41	8	49	6		55		63
June 12, 1975	Spring					29			32	2	34	4		38		67
May 30, 1979	Spring					51								57		108
Oct. 15, 1972	Fall	23	15	15		53								63		116
Oct. 31, 1973	Fall	12	16	16		44								47		91
Oct. 1974	Fall	12	3	8		23								40		63
Oct. 12, 1977	Fall	18	11	11		40								51		91
Oct. 17, 1978	Fall					6								3		9
Nov. 3, 1982	Fall	9	43	9		61								94		155
Oct. 24, 1996	Fall					251								334		598
March 19, 1976	Winter					10								46		56
March 23, 1977	Winter					27								46		73
March 30, 1979	Winter					25								51		76

Table 14D-1P (con'd). Age and sex composition of the **Northern Peninsula caribou herd** as determined from aerial classification surveys, 1971 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 8, 1971	Spring	9	8		17			41	41	63	121
June 12, 1975	Spring	5	4		9			32	32	67	108
May 30, 1979	Spring	14	16		30			15	15	108	153
Oct. 15, 1972	Fall					8	4		12	116	128
Oct. 31, 1973	Fall					12	5		17	91	108
Oct. 1974	Fall					13	7	1	21	63	84
Oct. 12, 1977	Fall					14	10		24	91	115
Oct. 17, 1978	Fall					2			2	9	11
Nov. 3, 1982	Fall					19	6		25	155	180
Oct. 24, 1996	Fall					77	72	3	152	598	750
March 19, 1976	Winter	16	12		22					56	78
March 23, 1977	Winter	12	17	3	32					73	105
March 30, 1979	Winter	17	10	1	28					76	104

Table 14D-1P (con'd). Age and sex composition of the **Northern Peninsula caribou herd** as determined from aerial classification surveys, 1971 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 8, 1971	Spring	12.7	6.6	87.3	89.1	74.5	33.9		30.9	14.1	52.9
June 12, 1975	Spring	43.3	26.9	56.7	89.5	84.2	29.6		23.7	8.3	55.6
May 30, 1979	Spring	47.2	33.3	52.8		26.3	9.8		52.6	19.6	46.7
Oct. 15, 1972	Fall	45.7	41.4	54.3		19.0	9.4	66.7			
Oct. 31, 1973	Fall	48.4	40.7	51.6		36.2	15.7	70.6			
Oct. 1974	Fall	36.5	27.4	63.5		52.5	25.0	65.0			
Oct. 12, 1977	Fall	44.0	34.8	56.0		47.1	20.9	58.3			
Oct. 17, 1978	Fall										
Nov. 3, 1982	Fall	39.4	33.9	60.6		26.6	13.9	76.0			
Oct. 24, 1996	Fall	42.0	33.5	58.0		45.5	20.3	51.7			
March 19, 1976	Winter	17.9	12.8	82.1					47.8	28.2	45.5
March 23, 1977	Winter	37.0	25.7	63.0					69.6	30.5	41.4
March 30, 1979	Winter	32.9	24.0	67.1					54.9	26.9	63.0

Table 14D-1Q. Age and sex composition of the **Pot Hill caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 10, 1966	Spring					3								195		198
June 12, 1967	Spring					2			107	45	152	25		177		179
June 12, 1968	Spring													147		147
June 4, 1969	Spring	1	1	2		4			130	47	177	25		207		211
June 8, 1970	Spring					7								192		199
June 5, 1971	Spring					5			119	45	164	38		202		207
June 5, 1972	Spring					4			168	52	220	28		247		252
June 4, 1973	Spring			1		1			92	70	162	20		182		183
June 4, 1974	Spring					4			90	55	145	25		170		174
June 5, 1975	Spring	2	3	3		8			96	31	127	19		146		154
June 8, 1977	Spring					19			113	66	179	43		222		241
June 13, 1978	Spring					12			135	59	194	39		223		235
June 4, 1980	Spring					12								147		159
May 1981	Spring					17								116		133
June 1982	Spring					5								22		27
June 15, 1995	Spring					51			87	92	179	65		244		295
June 15, 1996	Spring					28			171	73	244	88		332	5	365
Oct. 1979	Fall					60								58		118
Oct. 25, 1980	Fall	22	16	36		74								185		259
Oct. 8, 1982	Fall					68								201		269
Oct. 25, 1982	Fall	16	6	11		33								66		99
Oct. 12, 1994	Fall	42	22	23		87	41	162						203		290
Oct. 12, 1995	Fall	40	14	22		76								186		262
Oct. 17, 1996	Fall	37	23	19		79	25	149						174	2	255
April 1, 1980	Winter					100								173		273

Table 14D-1Q (con'd). Age and sex composition of the **Pot Hill caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 10, 1966	Spring			9	9			131	131	198	338
June 12, 1967	Spring	14	9	3	26	36	31	40	107	179	312
June 12, 1968	Spring			12	12			82	82	147	241
June 4, 1969	Spring	12	5		17	50	57	23	130	211	358
June 8, 1970	Spring			19	19			124	124	199	342
June 5, 1971	Spring	20	6	1	27			119	119	207	353
June 5, 1972	Spring	14	12		26			168	168	252	446
June 4, 1973	Spring	12	4	1	17			92	92	183	292
June 4, 1974	Spring	4	6		10			90	90	174	274
June 5, 1975	Spring	15	10		25			96	96	154	275
June 8, 1977	Spring	26	22		48			113	113	241	402
June 13, 1978	Spring	25	21		46			135	135	235	416
June 4, 1980	Spring	15	16		31			87	87	159	277
May 1981	Spring			16	16			55	55	133	104
June 1982	Spring			2	2			8	8	27	37
June 15, 1995	Spring	10	4	1	15			87	87	295	397
June 15, 1996	Spring	23	21	6	50			171	171	365	586
Oct. 1979	Fall							48	48	118	166
Oct. 25, 1980	Fall					55	38		93	259	352
Oct. 8, 1982	Fall							97	97	269	366
Oct. 25, 1982	Fall					15	10		25	99	124
Oct. 12, 1994	Fall					23	14	13	50	290	340
Oct. 12, 1995	Fall					17	14	5	36	262	298
Oct. 17, 1996	Fall					35	29	2	66	255	321
April 1, 1980	Winter	40	57		97					273	370

Table 14D-1Q (con'd). Age and sex composition of the **Pot Hill caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 10, 1966	Spring	1.5	0.9	98.5		67.2	38.8		4.6	2.7	
June 12, 1967	Spring	1.1	0.6	98.9	85.9	60.5	34.3	53.7	14.7	8.3	60.9
June 12, 1968	Spring					55.8	34.0		8.2	5.0	
June 4, 1969	Spring	1.9	1.1	98.1	85.5	62.8	36.3	46.7	8.2	4.7	70.6
June 8, 1970	Spring	3.5	2.0	96.5		64.6	36.3		9.9	5.6	
June 5, 1971	Spring	2.4	1.4	97.6	81.2	58.9	33.7		13.4	7.6	76.9
June 5, 1972	Spring	1.6	0.9	98.4	89.1	67.7	37.7		10.5	5.8	53.8
June 4, 1973	Spring	0.6	0.3	99.4	89.0	50.6	31.5		9.3	5.8	75.0
June 4, 1974	Spring	2.3	1.5	97.7	85.3	52.9	32.9		5.9	3.7	40.0
June 5, 1975	Spring	5.2	5.2	94.8	87.0	65.8	34.9		17.1	9.1	60.0
June 8, 1977	Spring	7.9	4.7	92.1	80.6	50.9	28.1		21.6	11.9	54.2
June 13, 1978	Spring	5.1	2.9	94.9	87.0	60.5	32.5		20.6	11.1	54.3
June 4, 1980	Spring	7.6	4.3	92.4		59.2	31.4		21.1	11.2	48.4
May 1981	Spring	12.8	16.3	87.2		47.4	27.0		13.8	15.4	
June 1982	Spring										
June 15, 1995	Spring	17.3	12.8	82.7	73.4	35.7	21.9		6.2	3.8	71.4
June 15, 1996	Spring	7.7	4.8	90.1	73.5	51.5	29.2		15.1	12.0	52.3
Oct. 1979	Fall	50.9	36.1	49.1		82.8	28.9				
Oct. 25, 1980	Fall	28.6	21.0	71.4		50.3	26.4	59.1			
Oct. 8, 1982	Fall	25.3	18.6	74.7		48.3	26.5				
Oct. 25, 1982	Fall	33.3	26.6	66.7		37.9	20.2	60.0			
Oct. 12, 1994	Fall	30.0	25.6	70.0		24.6	14.7	62.2			
Oct. 12, 1995	Fall	29.0	25.5	71.0		19.4	12.1	54.8			
Oct. 17, 1996	Fall	31.0	24.6	68.2		37.9	20.6	54.7			
April 1, 1980	Winter	36.6	27.0	63.4					56.1	26.2	41.2

Table 14D-1R. Age and sex composition of the **Sandy Lake caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults														Total adults
		Stags					Does								Unknown adults	
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
June 6, 1974	Spring					22			37	12	49	13		62		84
June 5, 1975	Spring	2	4	5		11			32	11	43	7		50		61
June 8, 1977	Spring					26			134	19	153	44		197		223
June 13, 1978	Spring					4			32	13	45	9		54		58
June 4, 1980	Spring					12								73		85
June 5, 1981	Spring					15								45		60
June 13, 1995	Spring					50			85	26	111	44		155		205
June 20, 1996	Spring					32			137	59	196	62		258	5	295
Oct. 18, 1966	Fall	27	15	5		47								181		228
Oct. 12, 1973	Fall	24	7	7		38								150		188
Oct. 11, 1974	Fall	16	5	12		33								94		127
Oct. 17, 1975	Fall	26	11	30		67								110		177
Nov. 12, 1976	Fall	15	11	24		50								93		143
Oct. 17, 1977	Fall	34	22	38		94								204		298
Oct. 30, 1978	Fall	37	27	40		104								165		269
Nov. 5, 1979	Fall	13	11	34		58								103		161
Oct. 25, 1980	Fall	16	17	29		62								102		164
Oct. 8, 1982	Fall					76								129		205
Oct. 4, 1983	Fall					17								71		88
Oct. 23, 1984	Fall					28								38		66
Oct. 9, 1985	Fall					40								112		152
Oct. 25, 1986	Fall					34								41		75
Oct. 12, 1994	Fall	68	37	57		162	71	251						322	9	493
Oct. 11, 1995	Fall	50	23	39		112	34	116						224	1	337
Oct. 16, 1996	Fall	31	14	18		63								150	3	216
March 28, 1977	Winter					33								123		156

Table 14D-1R (con'd). Age and sex composition of the **Sandy Lake caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
June 6, 1974	Spring	5	8		13			37	37	84	134
June 5, 1975	Spring	5	4		9			32	32	61	102
June 8, 1977	Spring	20	21		41			134	134	223	398
June 13, 1978	Spring	8	6		14			32	32	58	104
June 4, 1980	Spring	4	4		8			54	54	85	147
June 5, 1981	Spring	6	10		10			23	23	60	93
June 13, 1995	Spring	14	4	3	21			85	85	205	311
June 20, 1996	Spring	13	16	9	38			137	137	295	333
Oct. 18, 1966	Fall							20	30	228	258
Oct. 12, 1973	Fall					7	13	3	23	188	211
Oct. 11, 1974	Fall					10	10		20	127	147
Oct. 17, 1975	Fall					14	28		42	177	219
Nov. 12, 1976	Fall					21	15		36	143	179
Oct. 17, 1977	Fall					24	21		45	298	343
Oct. 30, 1978	Fall					36	12		48	269	317
Nov. 5, 1979	Fall					12	12		24	161	185
Oct. 25, 1980	Fall					18	23		41	164	205
Oct. 8, 1982	Fall					32	28		60	205	265
Oct. 4, 1983	Fall					16	12		28	88	116
Oct. 23, 1984	Fall					7	5		12	66	78
Oct. 9, 1985	Fall					16	8	2	26	152	178
Oct. 25, 1986	Fall								19	75	94
Oct. 12, 1994	Fall					32	23	10	65	493	558
Oct. 11, 1995	Fall					10	14	2	26	337	363
Oct. 16, 1996	Fall					20	19	8	47	216	263
March 28, 1977	Winter				52					156	208

Table 14D-1R (con'd). Age and sex composition of the **Sandy Lake caribou herd** as determined from aerial classification surveys, 1966 - 96. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
June 6, 1974	Spring	26.2	16.4	73.8	79.0	59.7	27.6		21.0	9.7	38.5
June 5, 1975	Spring	18.0	10.8	82.0	86.0	64.0	31.4		18.0	8.8	55.6
June 8, 1977	Spring	11.7	6.5	88.3	77.7	68.0	33.7		20.8	10.3	48.8
June 13, 1978	Spring	6.9	3.8	93.1	83.3	59.3	30.8		25.9	13.5	57.1
June 4, 1980	Spring	14.1	8.2	85.9		74.0	36.7		11.0	5.4	40.0
June 5, 1981	Spring	25.0	16.1	75.0		51.1	24.7		22.2	10.8	37.5
June 13, 1995	Spring	24.4	16.1	75.6	71.6	54.8	27.3		13.6	6.8	77.8
June 20, 1996	Spring	10.9	6.8	87.5	76.0	53.1	29.1		14.7	8.1	44.8
Oct. 18, 1966	Fall	20.6	18.2	79.4		16.6	11.6				
Oct. 12, 1973	Fall	20.2	18.0	79.8		15.3	10.9	35.0			
Oct. 11, 1974	Fall	26.0	22.4	74.0		21.3	13.6	50.0			
Oct. 17, 1975	Fall	37.9	30.6	62.1		38.2	19.2	33.3			
Nov. 12, 1976	Fall	35.0	27.9	65.0		38.7	20.1	58.3			
Oct. 17, 1977	Fall	31.5	27.4	68.5		22.1	13.1	53.3			
Oct. 30, 1978	Fall	38.7	32.8	61.3		29.1	15.1	75.0			
Nov. 5, 1979	Fall	36.0	31.4	64.0		23.3	13.0	50.0			
Oct. 25, 1980	Fall	37.8	30.2	62.2		40.2	20.0	43.9			
Oct. 8, 1982	Fall	37.1	28.7	62.9		46.5	22.6	53.3			
Oct. 4, 1983	Fall	19.3	14.7	80.7		39.4	24.1	57.1			
Oct. 23, 1984	Fall	42.2	35.9	57.8		31.6	15.4	58.3			
Oct. 9, 1985	Fall	26.3	22.5	73.7		23.2	14.6	66.7			
Oct. 25, 1986	Fall	45.3	36.2	54.7		46.3	20.2				
Oct. 12, 1994	Fall	35.9	29.0	65.3		20.2	11.7	58.2			
Oct. 11, 1995	Fall	33.2	30.9	66.5		11.6	7.2	41.7			
Oct. 16, 1996	Fall	29.2	24.0	69.4		31.3	17.9	51.3			
March 28, 1977	Winter	21.2	15.9	78.8					42.3	25.0	

Table 14D-1S. Age and sex composition of the **St. Anthony caribou herd** as determined from aerial classification surveys, 1996. Classifications conducted between May 16 and July 31 were designated as spring surveys. Fall classifications were conducted between Aug. 1 and Dec. 31. Winter classifications were conducted between Jan. 1 and May 15.

Survey Date	Season	Adults													Unknown adults	Total adults
		Stags					Does									
		Large	Medium	Small	Not assessed	Total	Antlered	No antlers	Uddered with calf	Uddered no calf	Parous	Barren	Unknown	Total		
Nov. 15, 1996	Fall	87	55	38		180								308	7	495

Survey Date	Season	Yearlings				Calves				Total adults	Total caribou
		Females	Males	Unknown	Total	Females	Males	Unknown	Total		
Nov. 15, 1996	Fall					88	69	3	160	495	655

Survey Date	Season	Stags per 100 adults	Percent stags	Does per 100 adults	Productivity	Calves per 100 does	Percent calves	Female calves per 100 calves	Yearlings per 100 does	Percent yearlings	Female yearlings per 100 yearlings
Nov. 15, 1996	Fall	36.4	27.5	62.2		51.9	24.4	56.1			

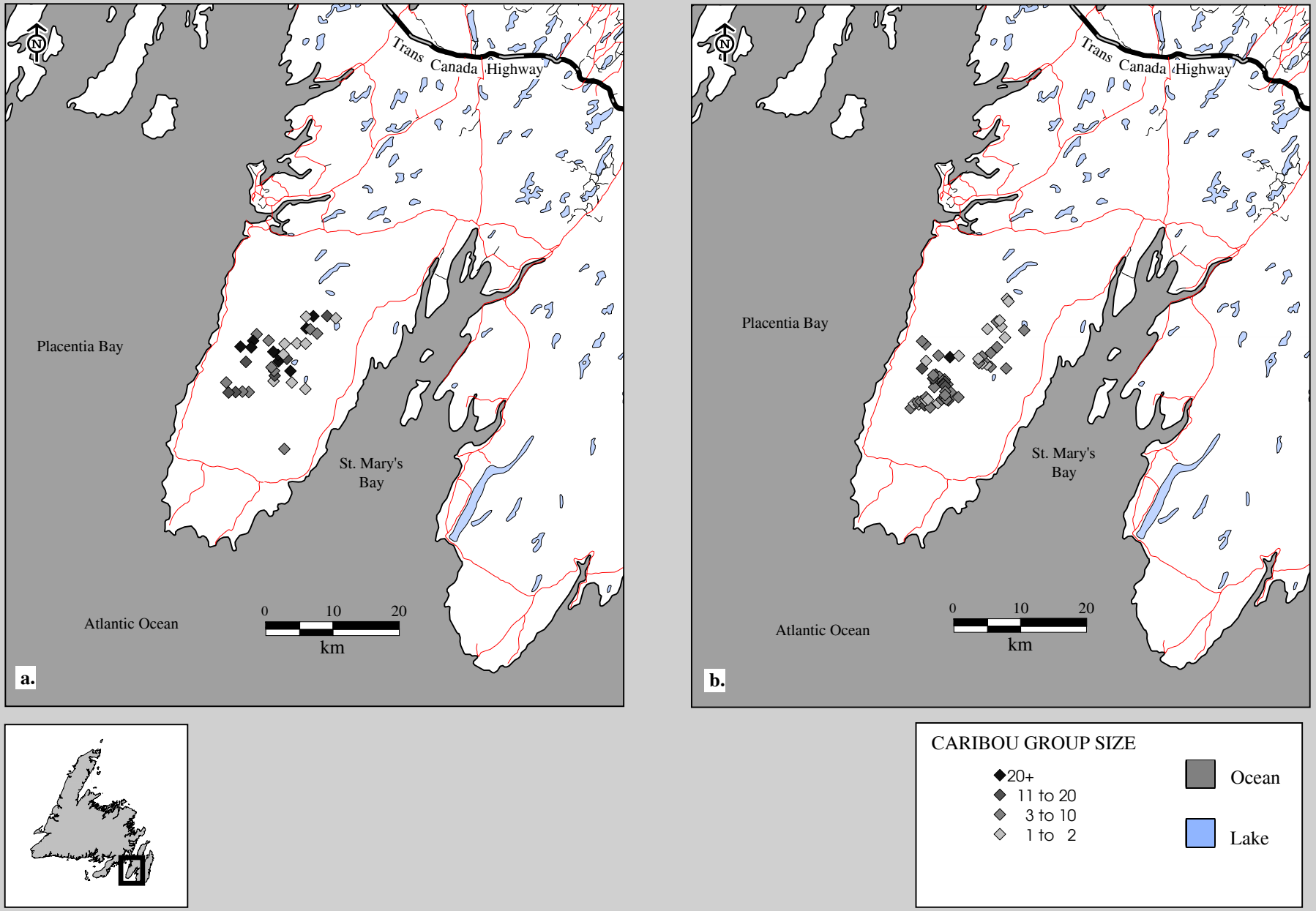
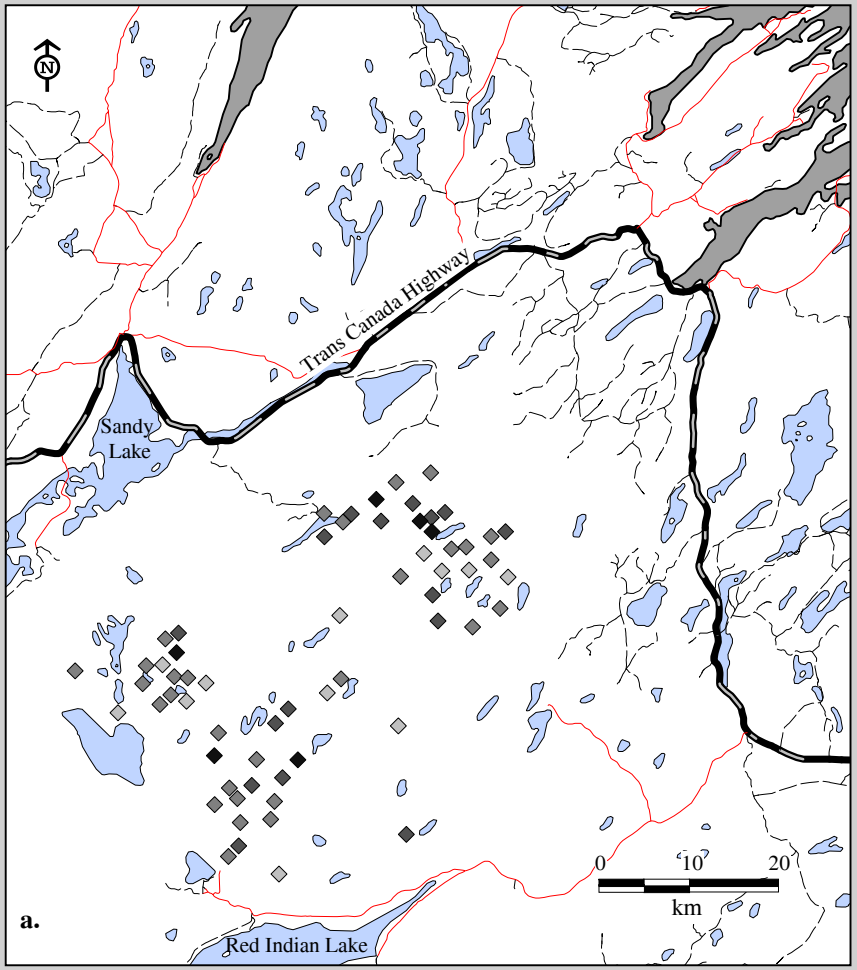


Fig. 14D-1. Cape Shore Caribou Herd composition survey results for rut a. October 1994 (229 caribou observed) and b. October 1995 (321 caribou observed).



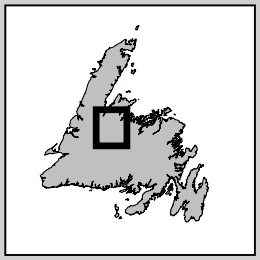


Fig. 14D-2. Gaff Topsails Caribou Herd composition survey results for rut a. 1994 (October: 555 caribou observed).

CARIBOU GROUP SIZE

- 20+
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

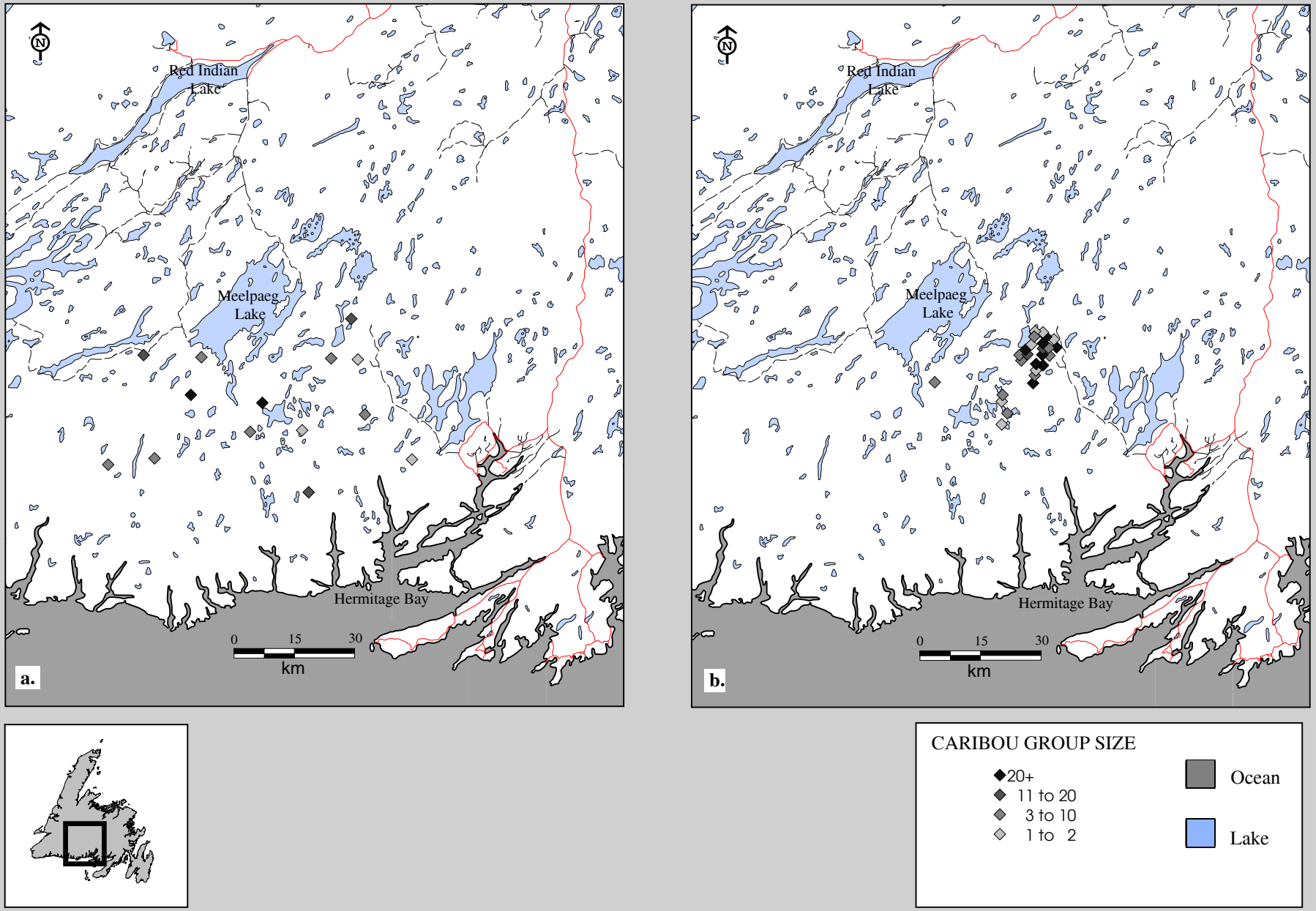
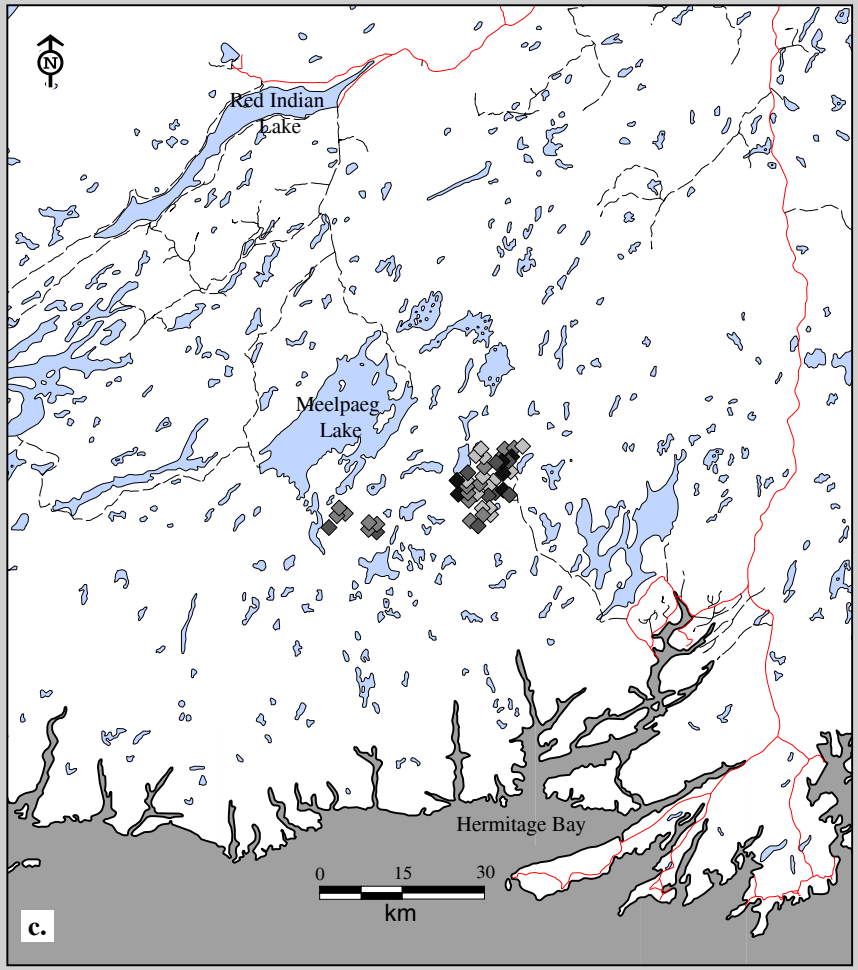
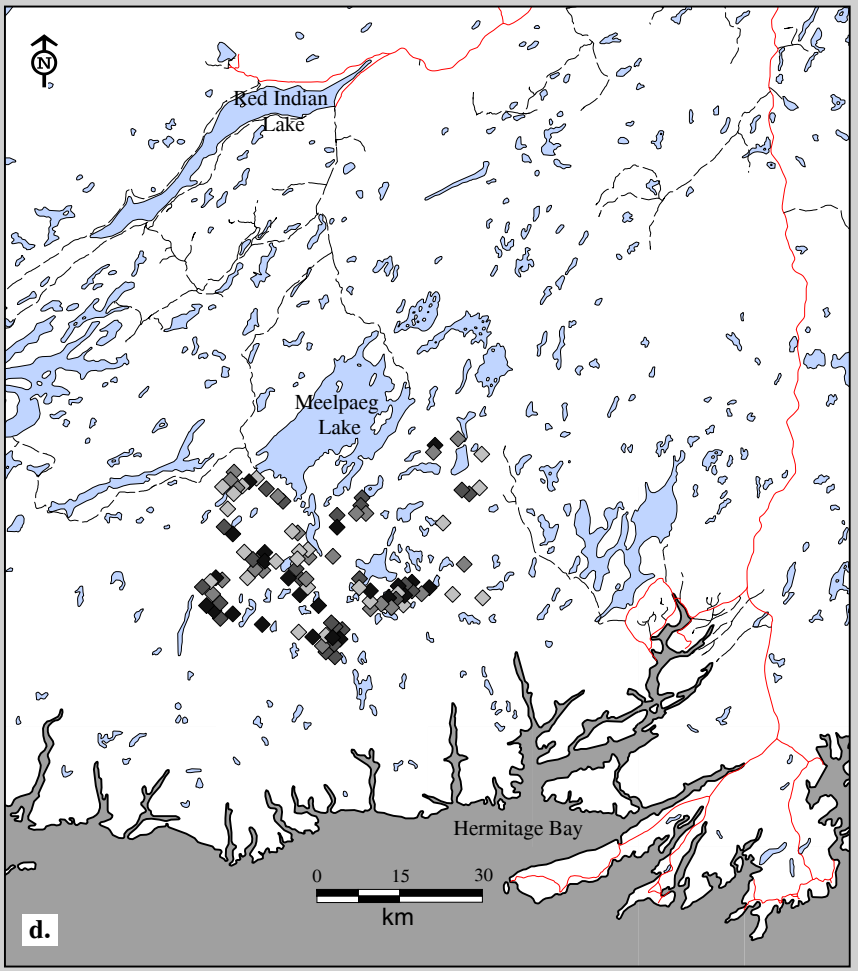
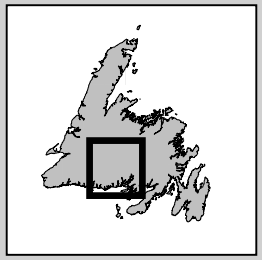


Fig. 14D-3. Grey River Caribou Herd composition survey results during calving a. June 1979 (737 caribou observed) and b. June 1995 (595 caribou observed).







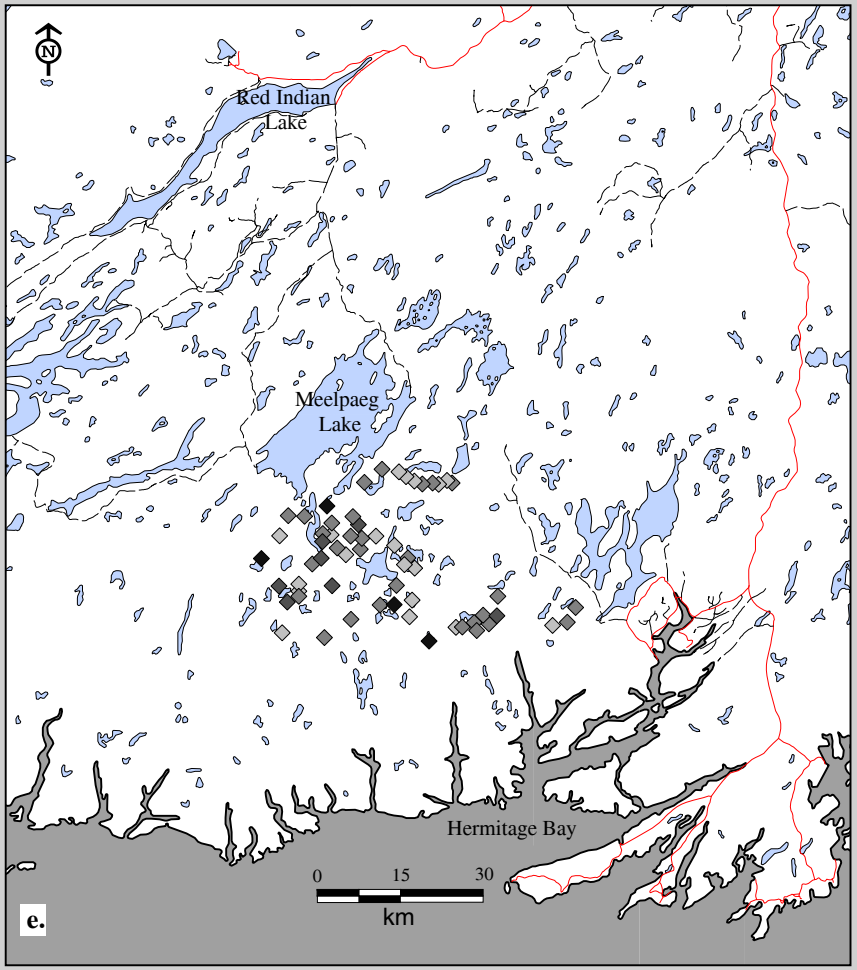
CARIBOU GROUP SIZE

- 20+
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Fig. 14D-3 (con'd). Grey River Caribou Herd composition survey results for c. calving, June 1996 (549 caribou observed) and d. rut, October 1995 (316 caribou observed).



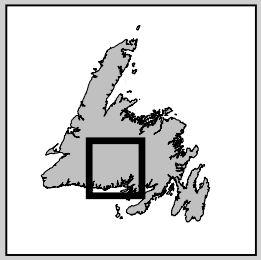
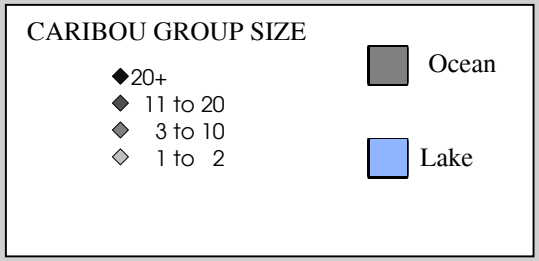
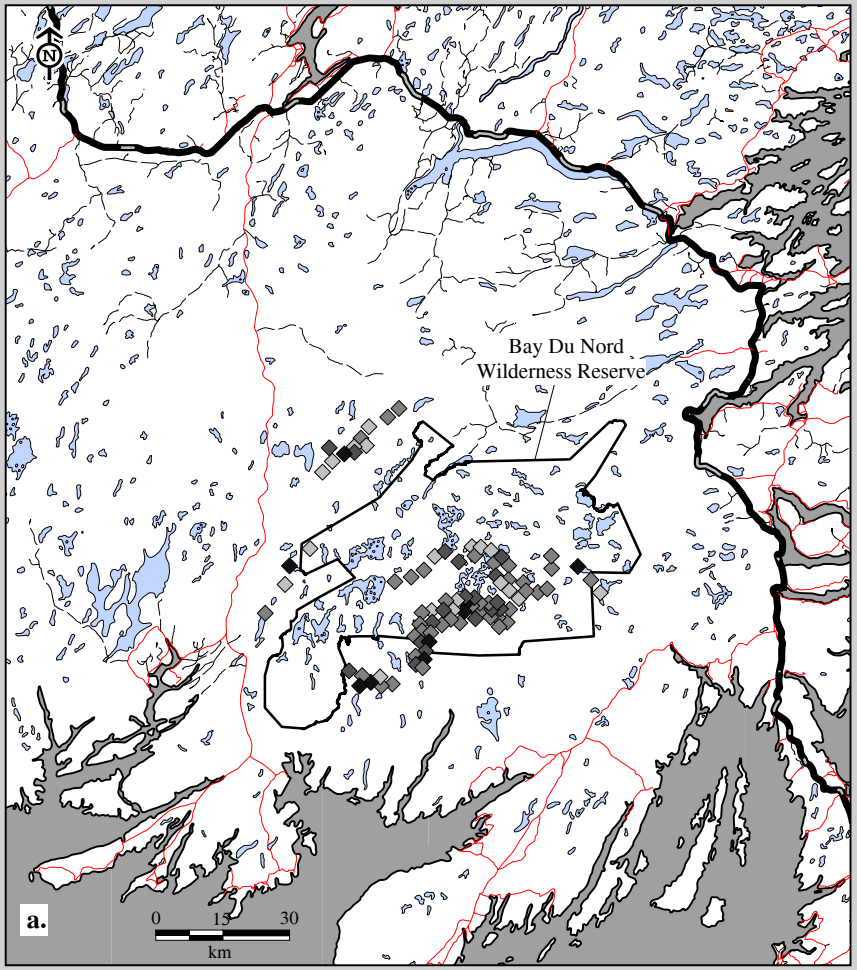


Fig. 14D-3 (con'd). Grey River Caribou Herd composition survey results for rut e. October 1996 (463 caribou observed).





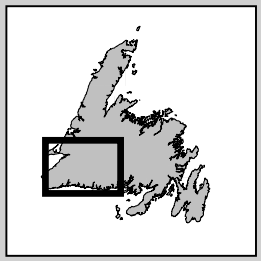


Fig. 14D-4. Middle Ridge Caribou Herd composition survey results for rut a. October 1993 (744 caribou observed).

CARIBOU GROUP SIZE

- 20+
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

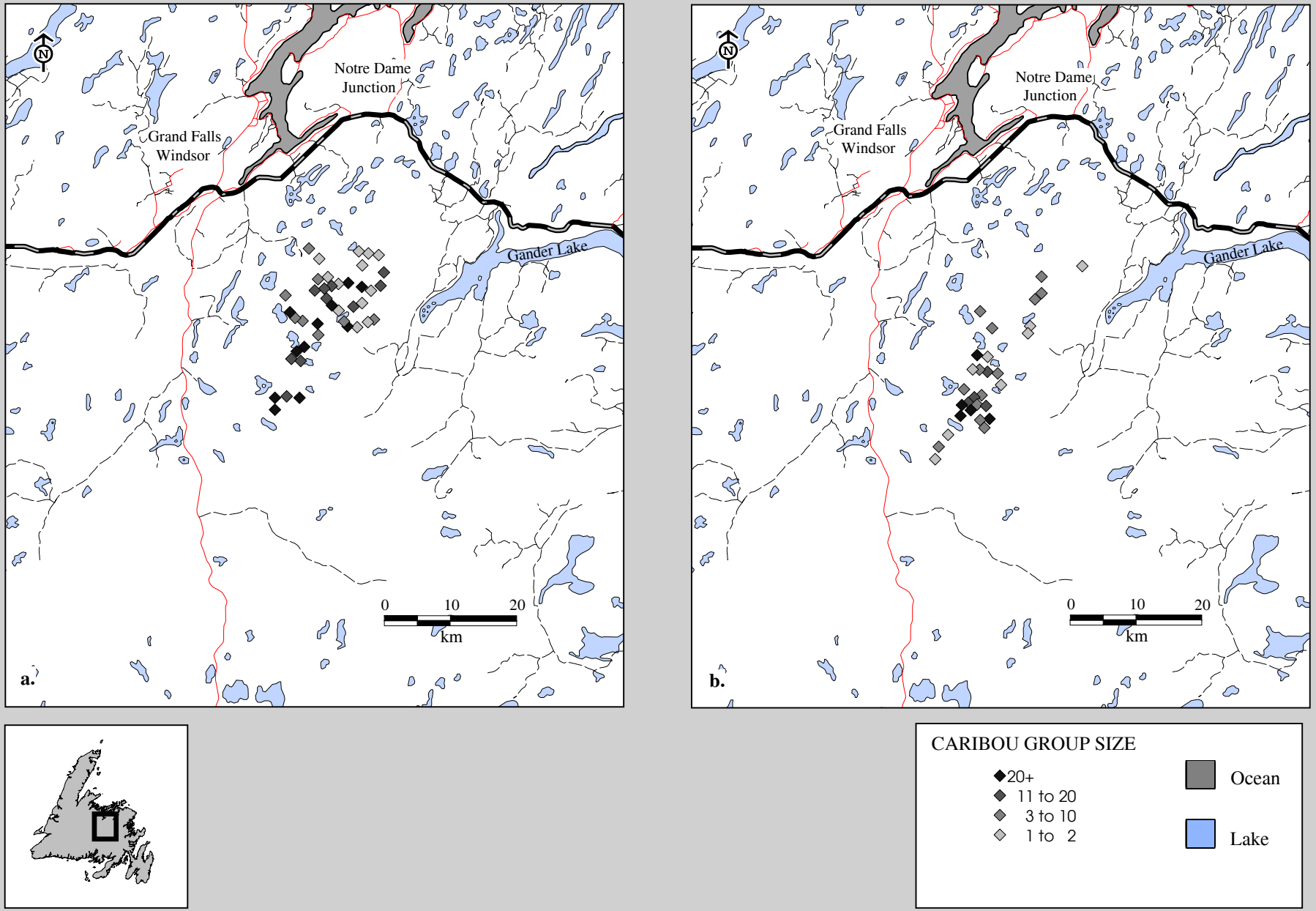
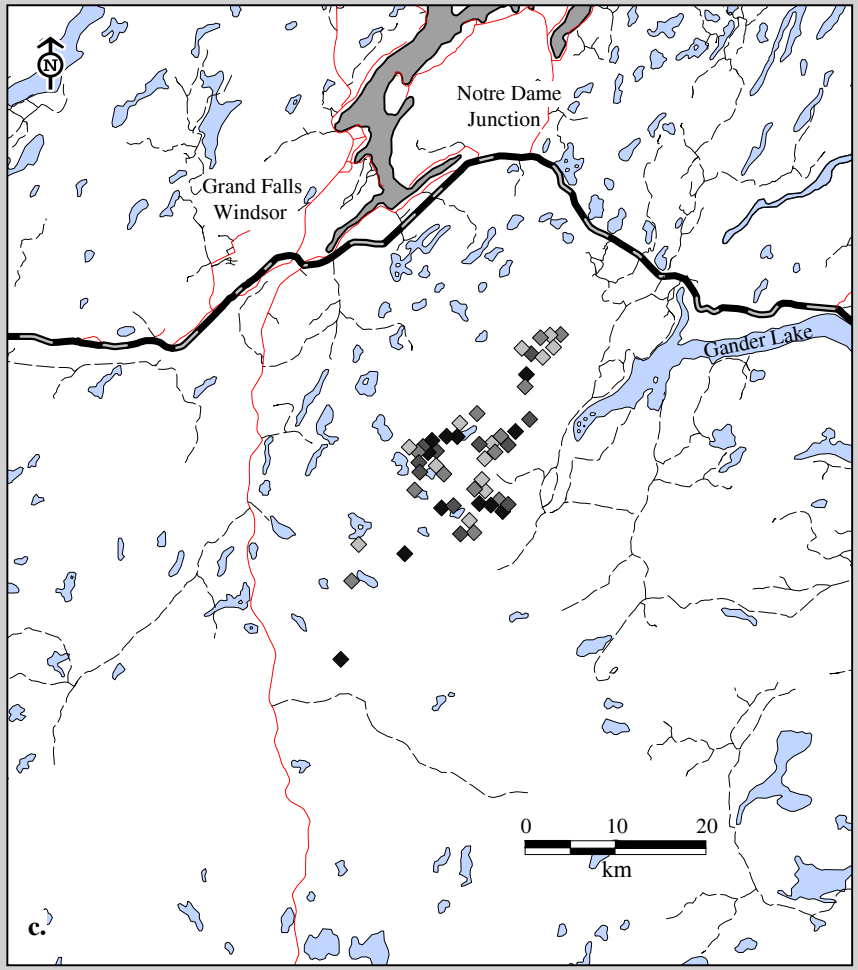
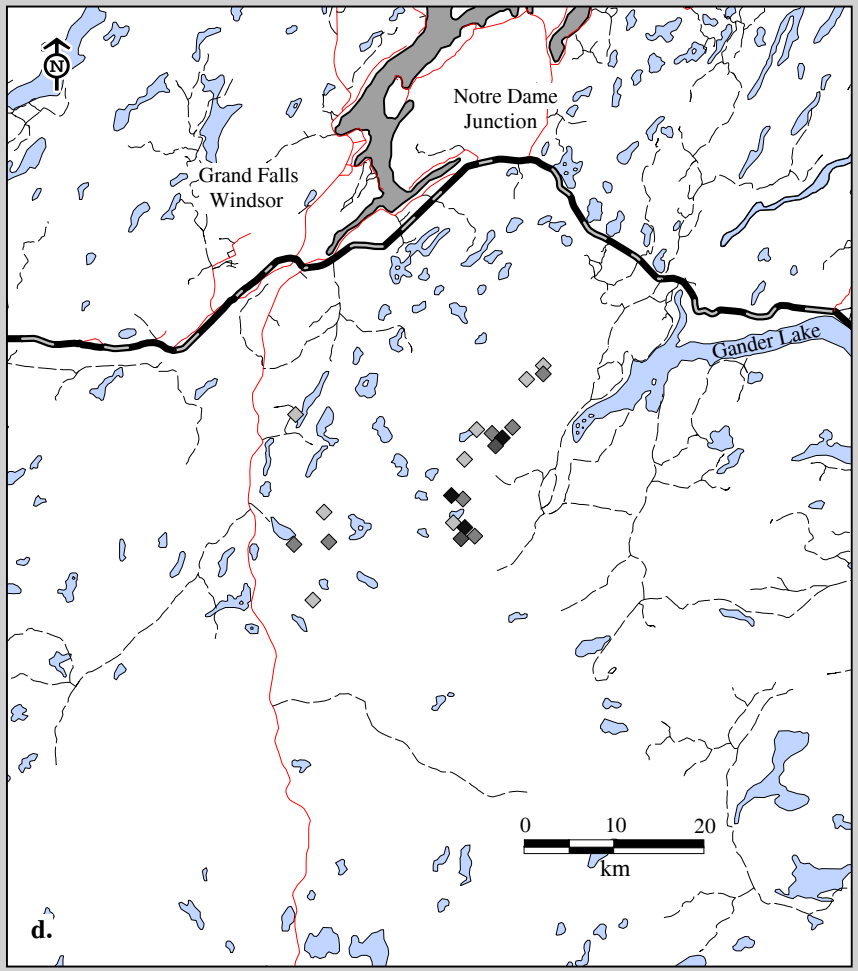
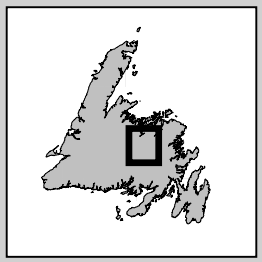


Fig. 14D-5. Mount Peyton Caribou Herd composition survey results for calving a. June 1995 (474 caribou observed) and b. June 1996 (318 caribou observed).







CARIBOU GROUP SIZE

- 20+
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Fig. 14D-5 (con'd). Mount Peyton Caribou Herd composition survey results for rut c. October 1995 (302 caribou observed) and d. October 1996 (185 caribou observed).

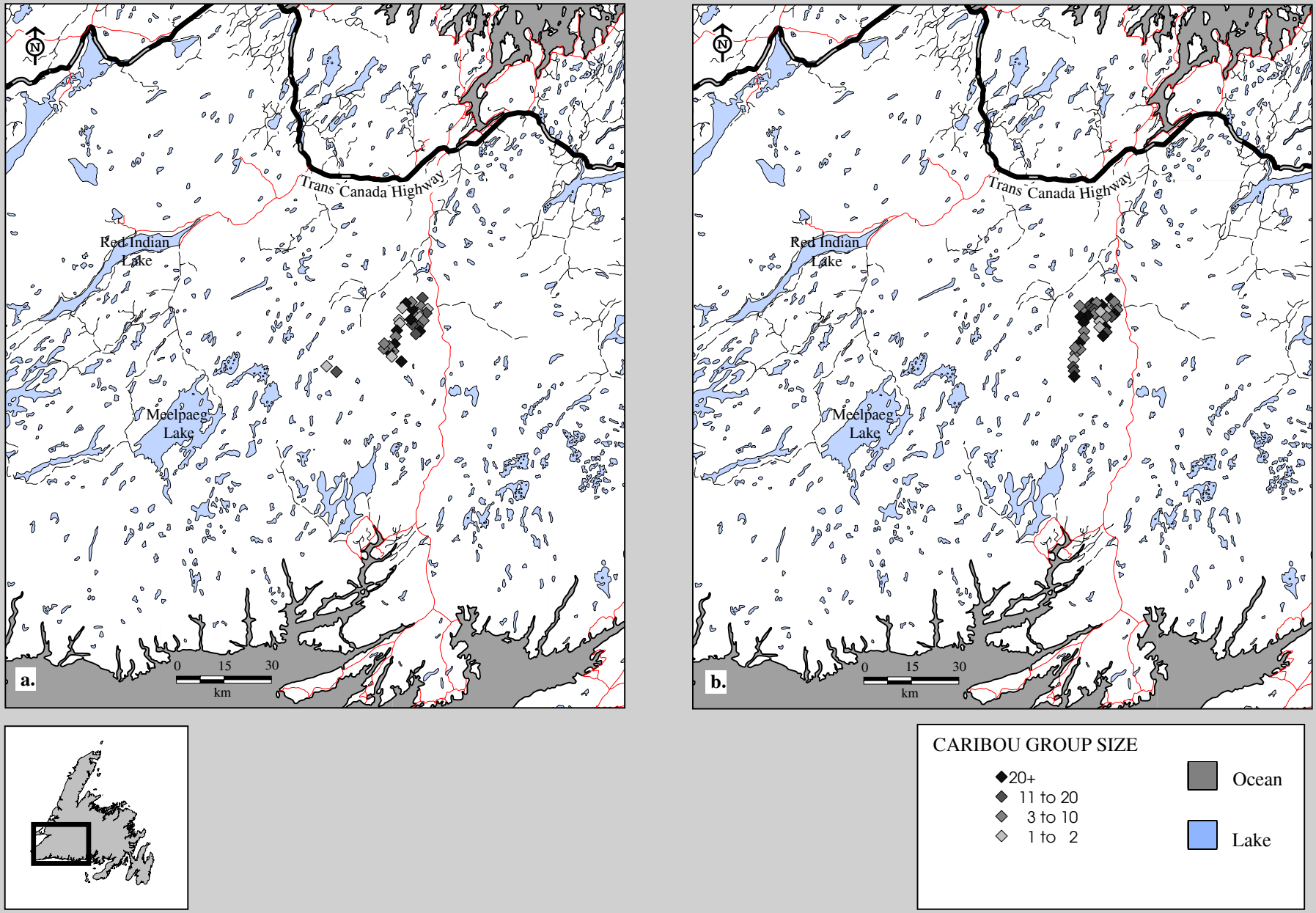


Fig. 14D-6. Pot Hill Caribou Herd composition surveys results for calving a. June 15, 1995 (397 caribou observed) and b. June 15, 1996 (586 caribou observed).

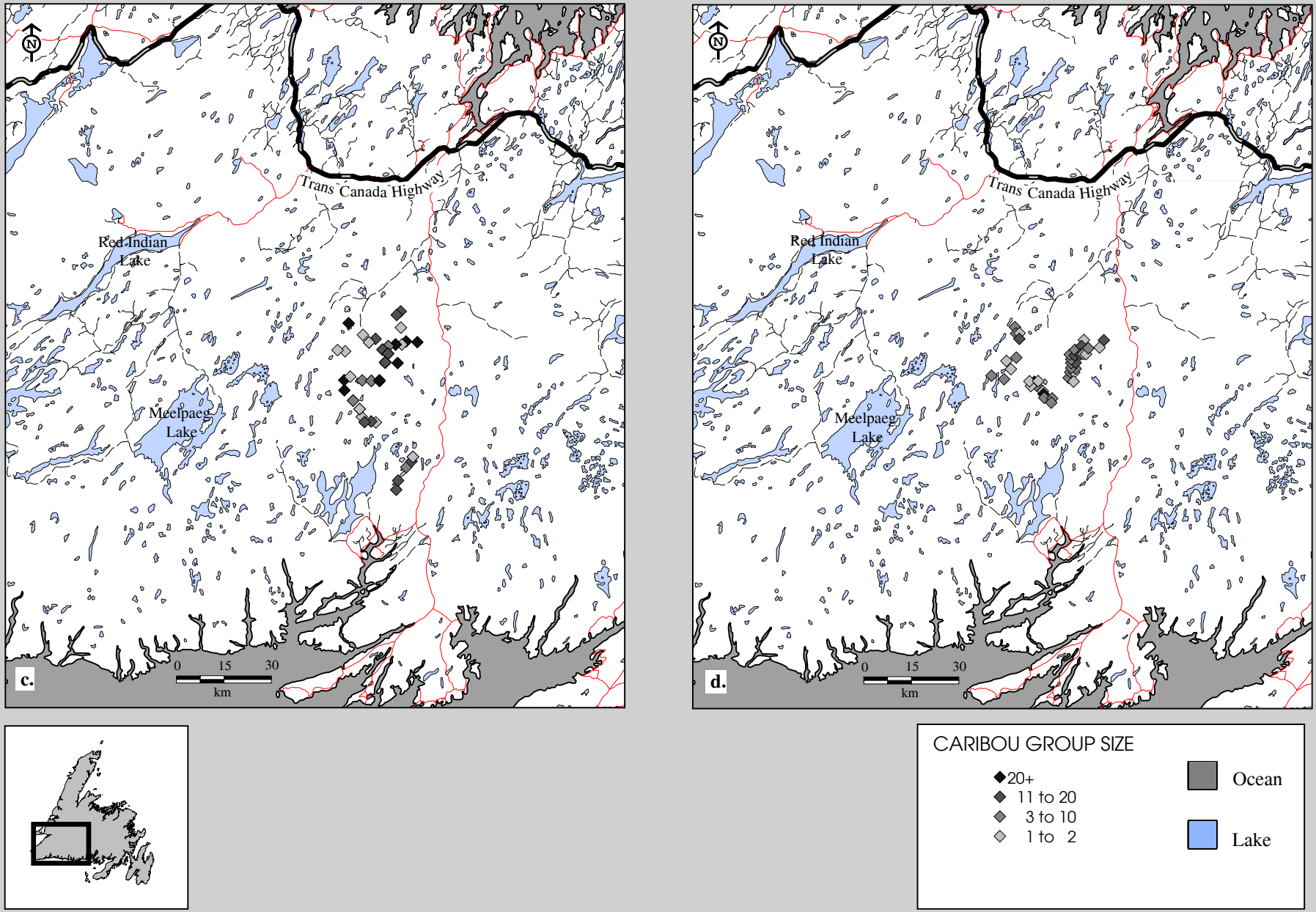
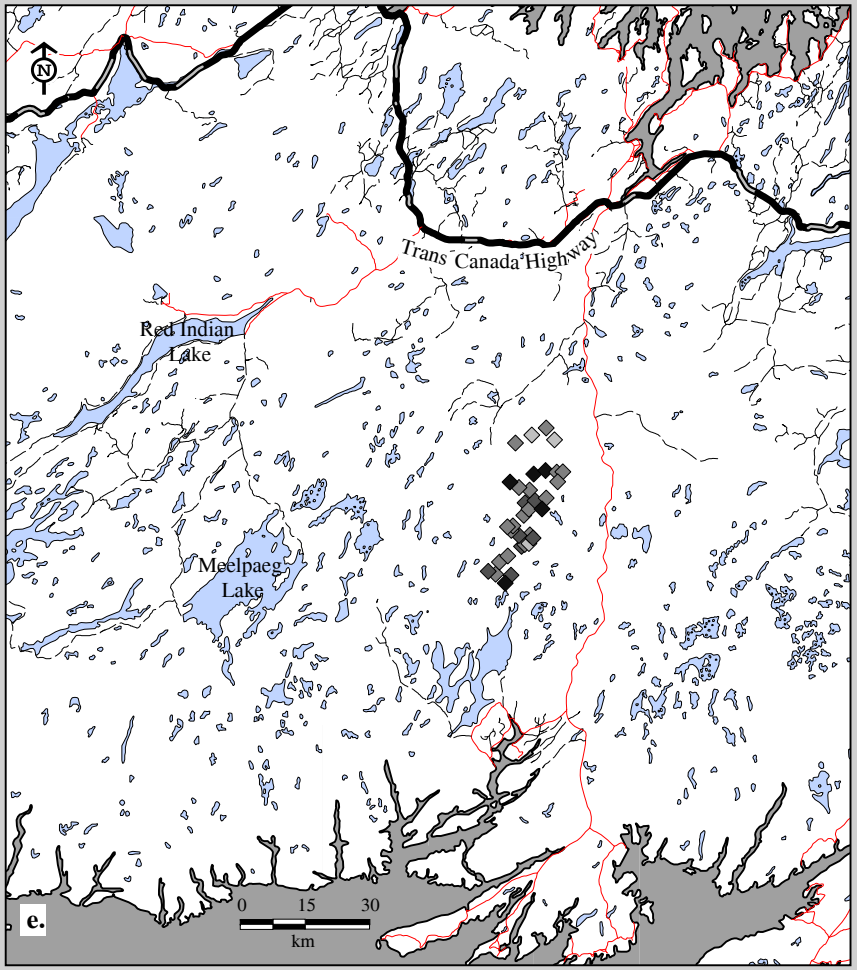


Fig. 14D-6 (con'd). Pot Hill Caribou Herd composition survey results for rut c. October 1994 (340 caribou observed) and d. October 1995 (298 caribou observed).



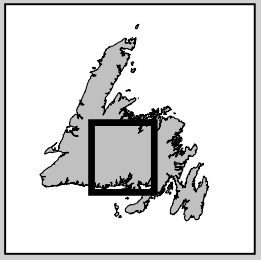


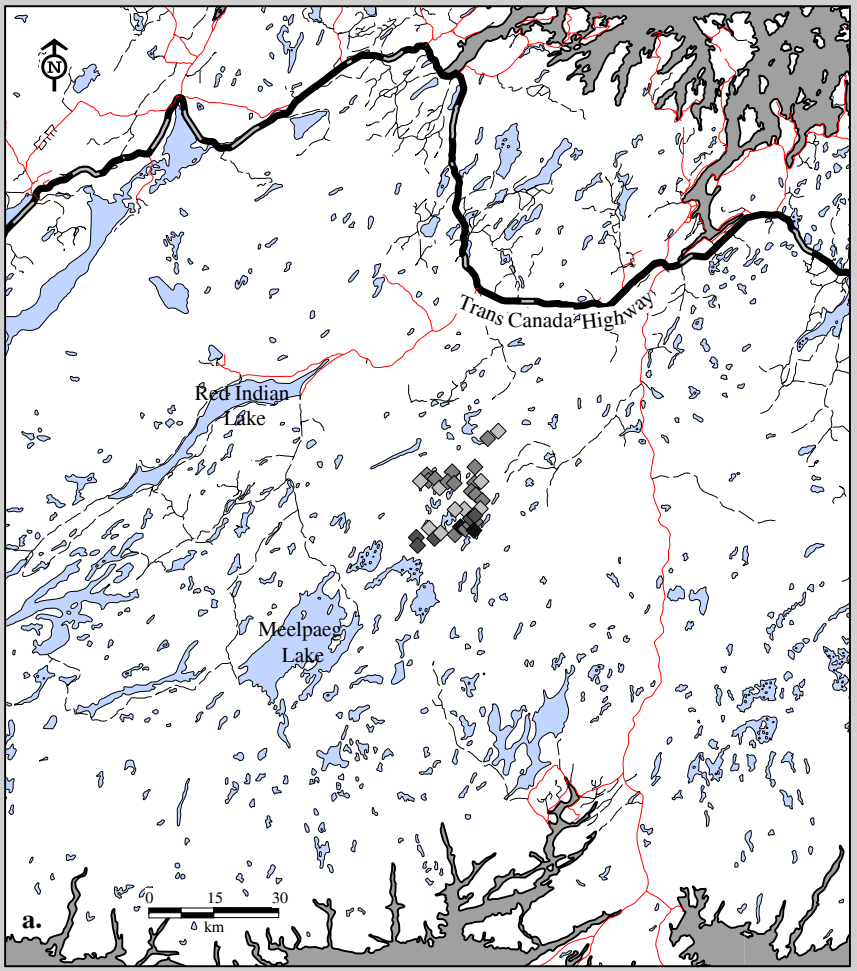
Fig. 14D-6 (con'd). Pot Hill Caribou Herd composition survey results for rut e. October 1996 (321 caribou observed).

CARIBOU GROUP SIZE

- ◆ 20+
- ◆ 11 to 20
- ◆ 3 to 10
- ◇ 1 to 2

Ocean

Lake



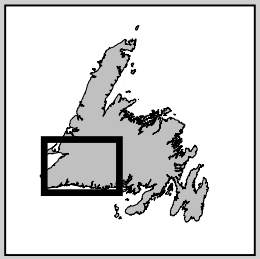


Fig. 14D-7. Sandy Lake Caribou Herd composition survey results for calving a. June 1995 (311 caribou observed).

CARIBOU GROUP SIZE

- 20+
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

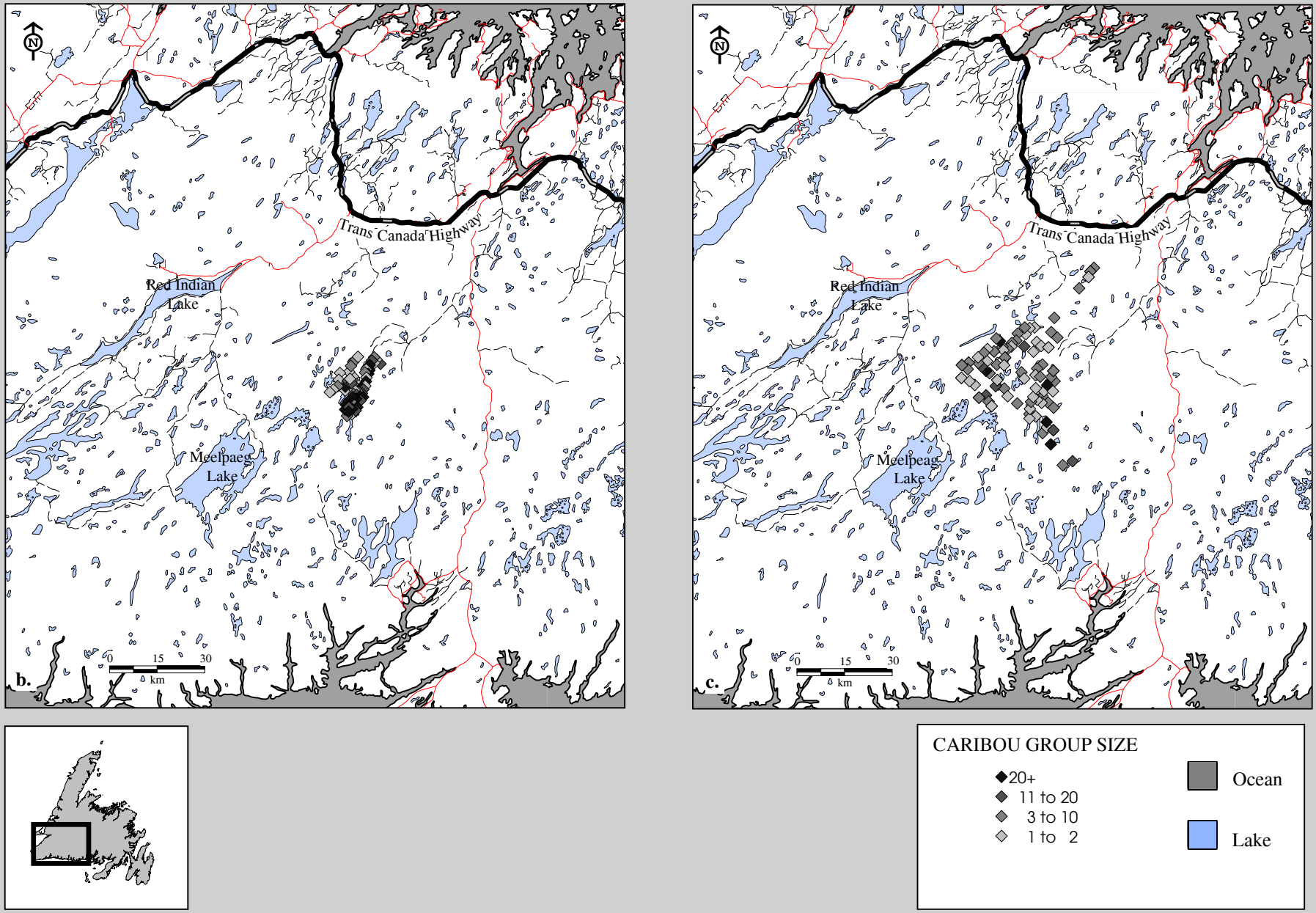
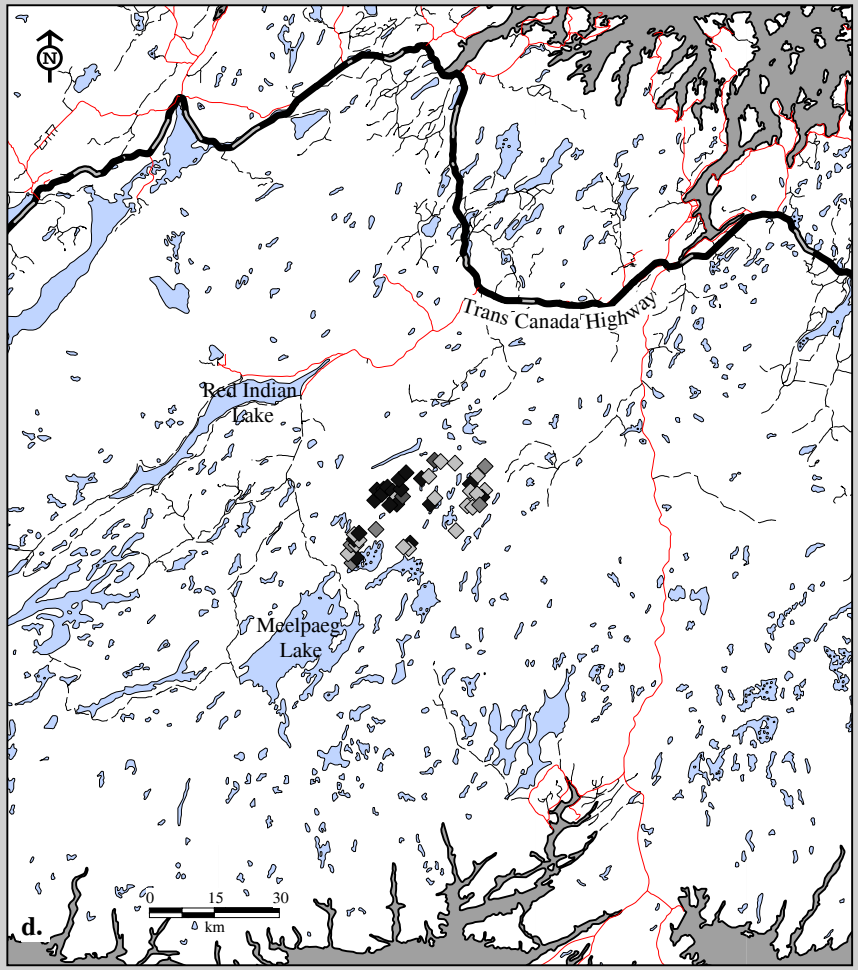
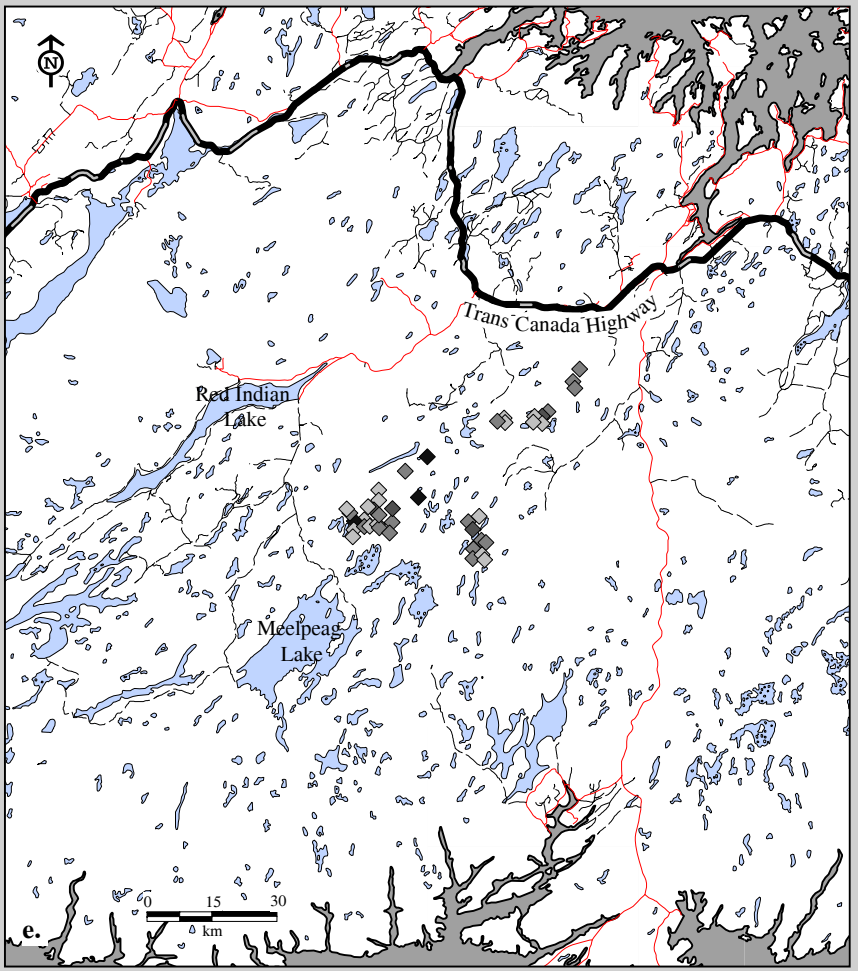
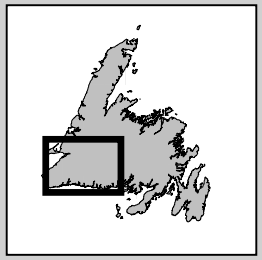


Fig. 14D-7 (con'd). Sandy Lake Caribou Herd composition survey results for b. summer, June 20, 1996 (333 caribou observed) and c. rut, October 1994 (558 caribou observed).







CARIBOU GROUP SIZE

- 20+
- 11 to 20
- 3 to 10
- 1 to 2

Ocean

Lake

Fig. 14D-7 (con'd). Sandy Lake Caribou Herd composition survey results for rut d. October 1995 (363 caribou observed) and e. October 1996 (263 caribou observed).

Table 14D-2. Group size summary statistics from composition surveys for all Insular Newfoundland caribou herds combined, 1964 - 1997.

Statistics / Season	Spring (May 16 - July 31)	Fall (Aug 1 - Dec 31)	Winter (Jan 1 - May 15)	Total
Number of surveys	37	52	8	97
Number of groups	2178	3787	711	6676
Mean group size	7.2	6.9	10.5	7.4
Standard deviation	15.1	8.1	28.9	14.2
Standard error	0.3	0.1	1.1	0.2
Median group size	3	5	5	4
Range of group sizes	1 - 440	1 - 219	1 - 460	1 - 460

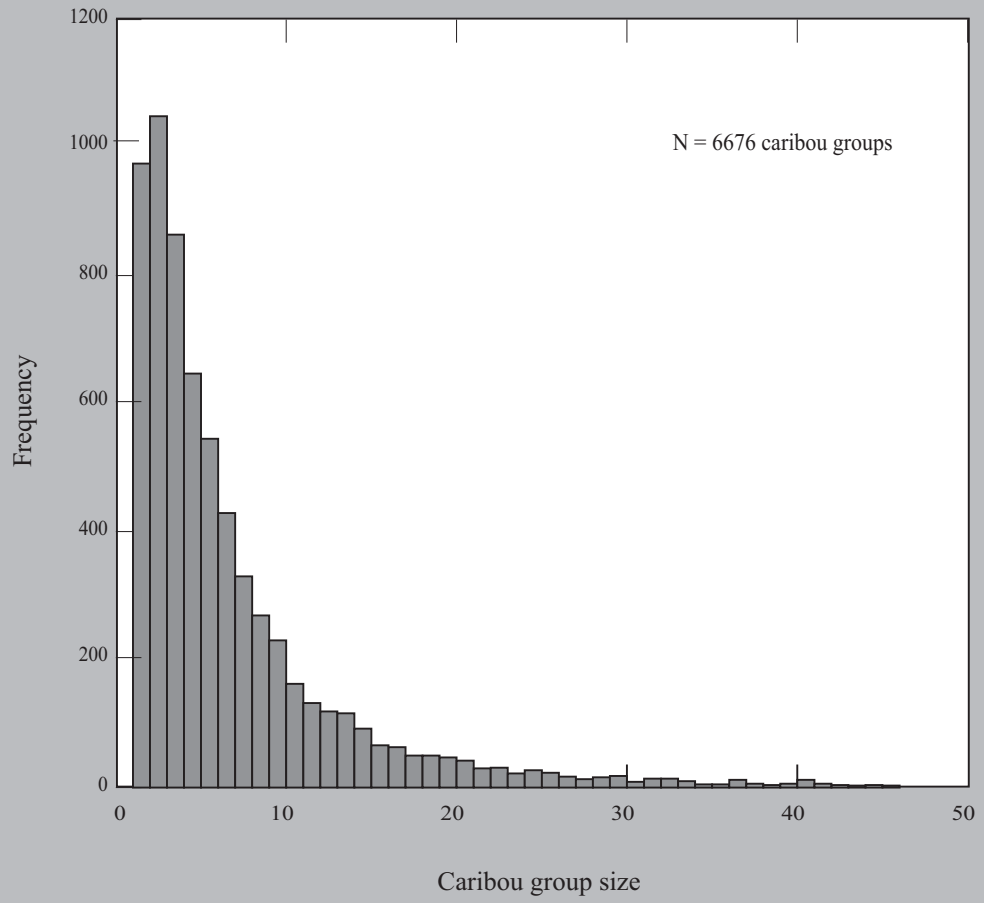


Fig. 14D-8. Frequency distribution of caribou groups classified for composition in spring, fall, and winter, 1964 - 1997.

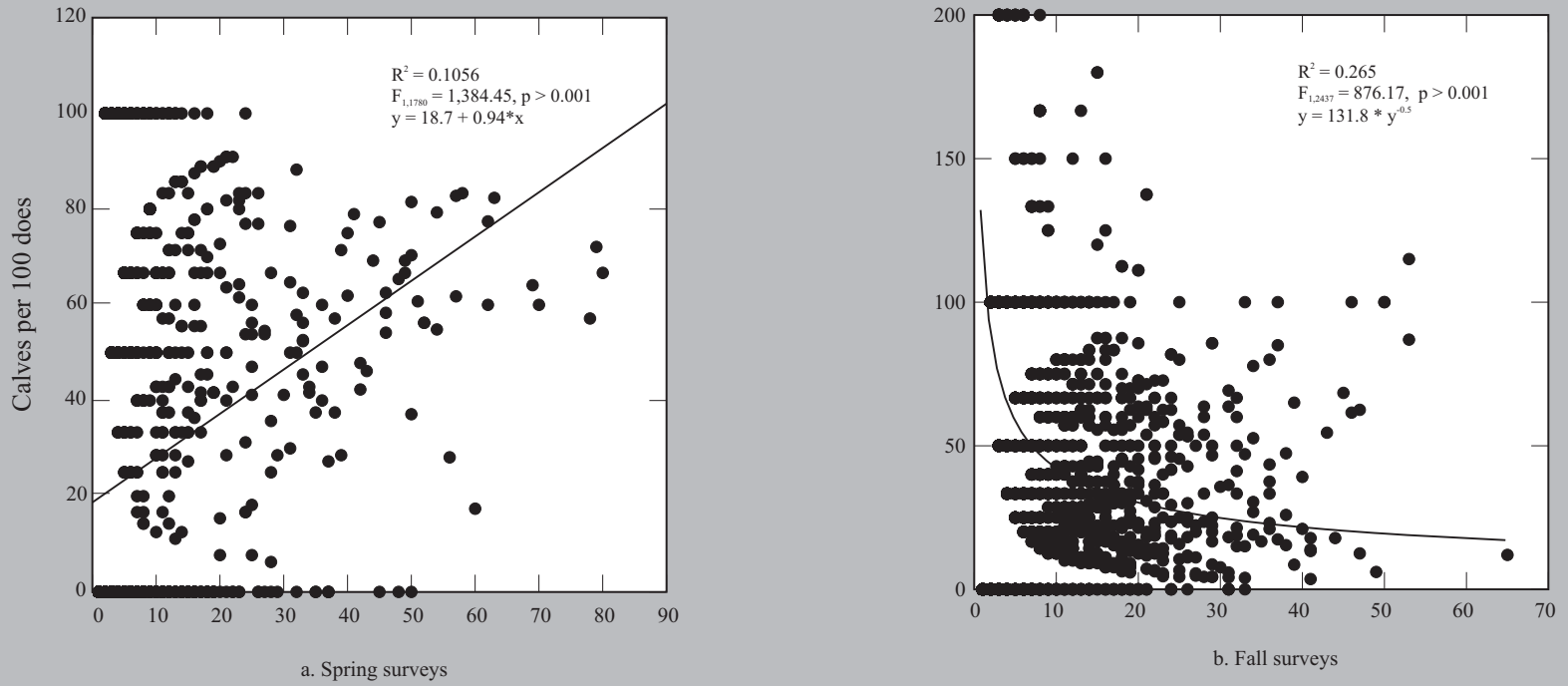


Fig. 14D-9. Relationship between caribou group size and composition (calves per 100 does) in spring and fall for all Newfoundland herds combined.

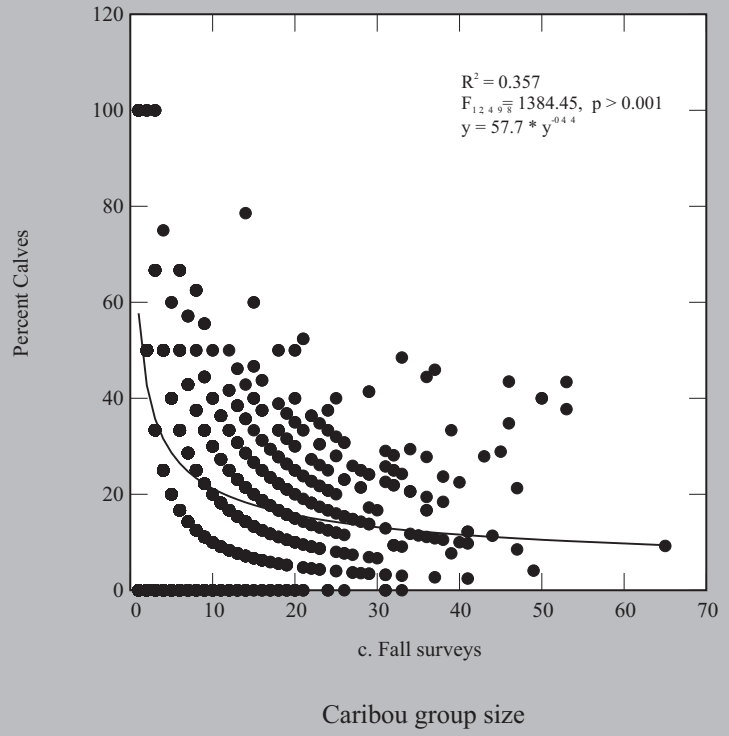


Fig. 14D-9 (con'd). Relationship between caribou group size and composition (percent calves) in fall for all Newfoundland herds combined.

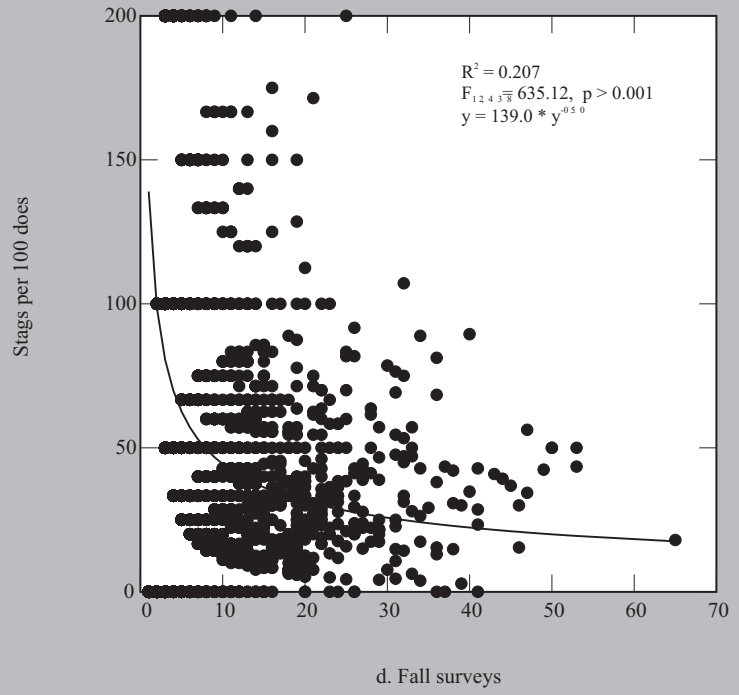


Fig. 14D-9 (con'd). Relationship between caribou group size and composition (stags per 100 does) in fall for all Newfoundland herds combined.

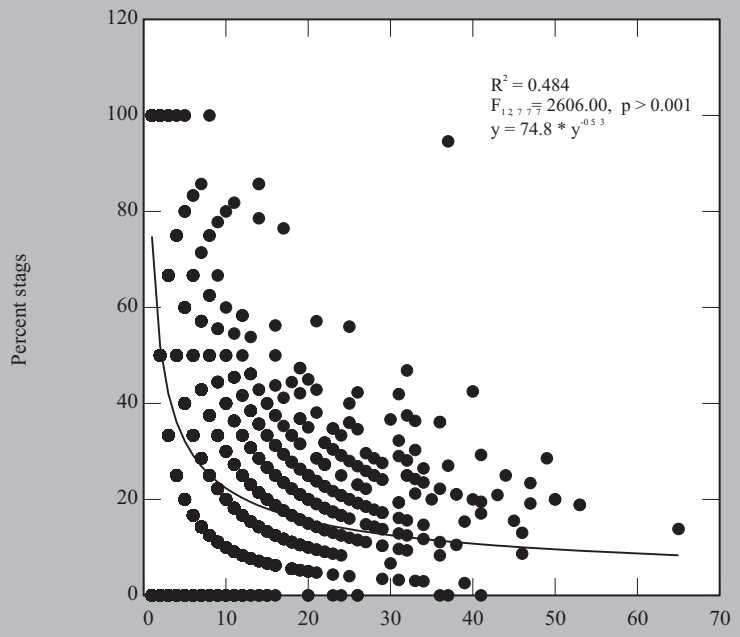


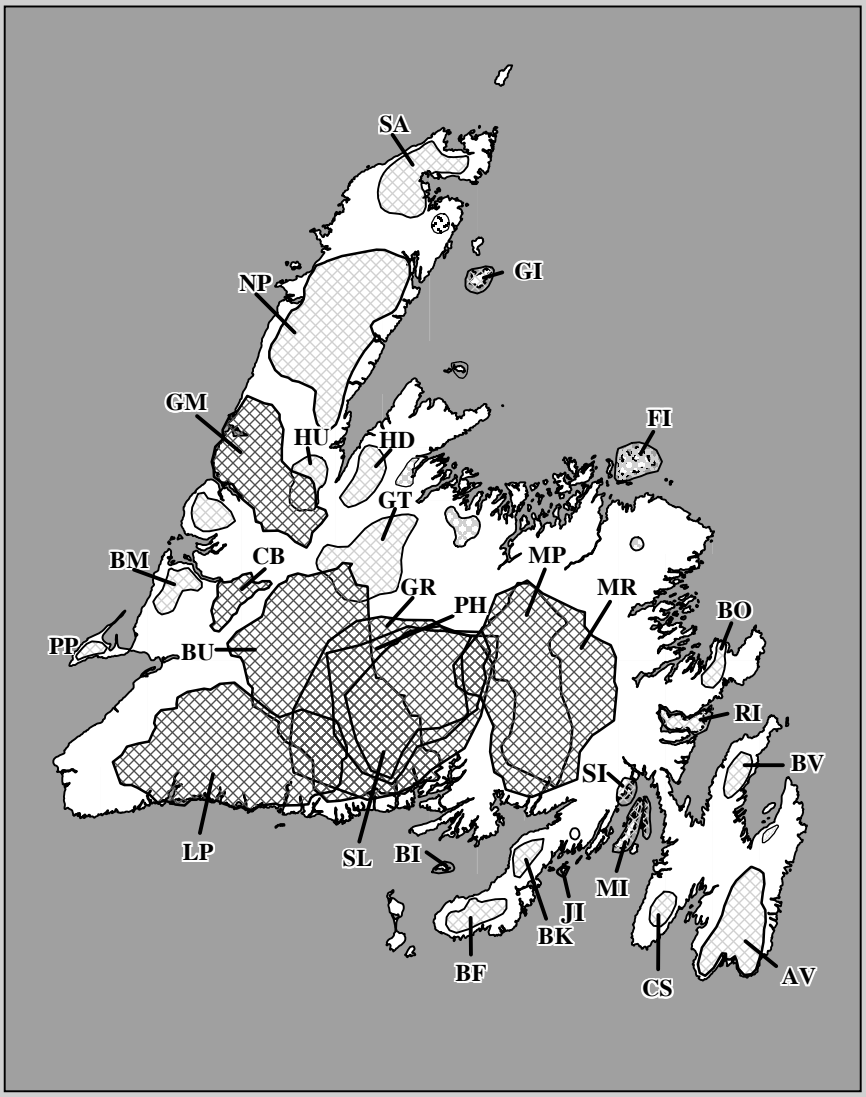
Fig. 14D-9 (con'd). Relationship between caribou group size and composition (percent stags) in fall for all Newfoundland herds combined.

Table 14D-3. Seasonal relationships between **Calves per 100 Does** or **Percent Calves** and the presence or absence of stags in caribou groups.

Composition index	Stags in the group?	Seasonal mean (95% confidence interval)		
		Spring	**Fall**	**Winter**
Calves per 100 does	Yes	17.1 (14.3 - 20.0)	44.4 (42.5 - 46.3)	50.0 (42.9 - 56.9)
	No	27.6 (25.6 - 27.6)	53.2 (50.0 - 56.5)	44.7 (38.5 - 51.0)
	Test for difference	$F_{1,1792} = 22.92$ $p < 0.001$	$F_{1,3377} = 22.35$ $p < 0.001$	$F_{1,624} = 1.20$ $p = 0.275$
Percent calves	Yes	4.9 (4.0 - 5.7)	16.1 (15.6 - 16.6)	13.2 (12.0 - 14.4)
	No	13.4 (12.4 - 14.4)	29.8 (28.2 - 31.4)	17.3 (15.6 - 19.0)
	Test for difference	$F_{1,2168} = 108.29$ $p < 0.001$	$F_{1,3767} = 420.58$ $p < 0.001$	$F_{1,708} = 15.69$ $p < 0.001$

Section 14E:

Caribou Population Sex and Age Pattern for Insular Newfoundland Caribou Herds.



Caribou Herds

Avalon (AV)
Bay de Verde (BV)
Blow Me Down Mtn (BM)
Bonavista (BO)
Brunette Island (BI)
Burin Foot (BF)
Burin Knee (BK)
Buchans (BU)
Cape Shore (CS)
Corner Brook Lakes (CB)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
Hampden Downs (HD)
Humber (HU)
Jude Island (JI)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Northern Peninsula (NP)
Port au Port (PP)
Pot Hill (PH)
Random Island (RI)
Sandy Lake (SL)
Sound Island (SI)
St. Anthony (SA)

Table 14E-1. The status of the linear regression and autocorrelation analyses for Insular Newfoundland caribou herds. Outliers were identified through the statistical analyses. Normality was based on histograms of the residuals. Independence was determined from scatterplots of the residuals by estimate of the dependent variable. 'Missing years' represent the number of years where interpolation was necessary to run the autocorrelation analyses.

Index	Season	Sample size	Outliers	Normality	Independent	Missing years	Autocorrelation
Calves per 100 Does (C_100D)	spring	115	0	Y	Y	4	N
	fall	181	1	Y	Y	1	N
Percent Calves (PCALF)	spring	116	0	Y	Y	3	N
	fall	184	1	Y	Y	1	Y - Lag 1
Percent Female Calves (FC_100C)	fall	131	1	Y	Y	1	N
Yearlings per 100 Does (Y_100D)	spring	124	1	Y	Y	5	N
	winter	16	0	Y	N	12	Not calculated
Percent Yearlings (PYRL)	spring	124	1	Y	Y	5	N
	winter	16	0	Uniformed	N	12	Not calculated
Percent Female Yearlings (FY_100Y)	spring	78	0	Y	N	10	Not calculated
	winter	7	Sample too small				
Does per 100 Adults (D_100A)	spring	137	0	Negative skew	Clumped	4	N
	fall	192	2	Y	Y	0	N
	winter	60	1	Y	Y	3	N
Productivity (PROD)	spring	93	2	Y	Y	7	Not calculated
Stags per 100 Adults (S_100A)	spring	131	0	Positive skew	Clumped	4	Y - Lag 8
	fall	185	0	Y	Y	1	Y - Lag 13
	winter	59	1	Y	Y	3	N
Percent Stags (PSTAG)	spring	134	1	Positive skew	Clumped	4	N
	fall	192	1	Y	Y	0	N
	winter	60	1	Y	Y	3	N

Table 14E-2. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on all **Insular Newfoundland** caribou herds combined.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	115	0.165	22.331	< 0.001	$C\_100D_{SNF} = 66.823 - 0.642*YEAR$
	fall	180		1.883	0.172	NS*
Percent Calves (PCALF)	spring	116	0.192	27.016	< 0.001	$PCALF_{SNF} = 34.728 - 0.327*YEAR$
	fall	188		0.019	0.89	NS
Percent Female Calves (FC_100C)	fall	135		0.029	0.866	NS
Yearlings per 100 Does (Y_100D)	spring	124		1.404	0.238	NS
	winter	16		0.006	0.938	NS
Percent Yearlings (PYRL)	spring	124	0.032	3.984	0.048	$PYRL_{SNF} = 16.476 - 0.124*YEAR$
	winter	16		0.008	0.93	NS
Percent Female Yearlings (FY_100Y)	spring	78		0.94	0.335	NS
	winter	7		4.924	0.077	NS
Does per 100 Adults (D_100A)	spring	137	0.063	9.101	0.003	$D\_100A_{SNF} = 91.416 - 0.305*YEAR$
	fall	196	0.045	9.588	0.002	$D\_100A_{FNF} = 61.669 + 0.207*YEAR$
	winter	60		1.383	0.244	NS
Productivity (PROD)	spring	93	0.042	4.003	0.048	$PROD_{SNF} = 83.038 - 0.282*YEAR$
Stags per 100 Adults (S_100A)	spring	131	0.056	7.703	0.006	$S\_100A_{SNF} = 8.681 + 0.263*YEAR$
	fall	189	0.038	8.346	0.004	$S\_100A_{FNF} = 36.321 - 0.162*YEAR$
	winter	59		0.011	0.916	NS
Percent Stags (PSTAG)	spring	134	0.105	15.414	< 0.001	$PSTAG_{SNF} = 4.548 + 0.268*YEAR$
	fall	196		2.954	0.087	NS
	winter	60		0.612	0.437	NS

* NS - non-significant

Table 14E-3. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Avalon** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	14		0.229	0.641	NS*
	fall	20		1.914	0.183	NS
Percent Calves (PCALF)	spring	14	0.367	6.956	0.022	$PCALF_{SAV} = 19.253 + 0.509*YEAR$
	fall	22		1.119	0.303	NS
Percent Female Calves (FC_100C)	fall	9		0.216	0.656	NS
Yearlings per 100 Does (Y_100D)	spring	18	0.364	9.149	0.008	$Y\_100D_{SAV} = 59.595 - 1.692*YEAR$
	winter	6		0.171	0.701	NS
Percent Yearlings (PYRL)	spring	18	0.342	8.331	0.011	$PYRL_{SAV} = 29.980 - 0.701*YEAR$
	winter	6		0.802	0.421	NS
Percent Female Yearlings (FY_100Y)	spring	9		0.083	0.782	
	winter	2				Insufficient sample size
Does per 100 Adults (D_100A)	spring	21	0.212	6.811	0.017	$D\_100A_{SAV} = 68.822 - 0.717*YEAR$
	fall	20	0.415	14.171	0.001	$D\_100A_{FAV} = 55.956 - 0.649*YEAR$
	winter	7		2.477	0.176	NS
Productivity (PROD)	spring	16		0.01	0.947	NS
Stags per 100 Adults (S_100A)	spring	21	0.344	9.949	0.005	$S\_100A_{SAV} = 31.108 - 0.774*YEAR$
	fall	20	0.529	20.236	< 0.001	$S\_100A_{FAV} = 40.809 - 0.594*YEAR$
	winter	7		2.477	0.176	NS
Percent Stags (PSTAG)	spring	21	0.189	4.542	0.046	$PSTAG_{SAV} = 19.511 - 0.429*YEAR$
	fall	22		3.939	0.061	NS
	winter	7		2.407	0.181	NS

* NS - non-significant

Table 14E-4. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Buchans** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	9		0.15	0.710	NS*
	fall	16		1.793	0.202	NS
Percent Calves (PCALF)	spring	9		0.167	0.695	NS
	fall	16	0.976	8.438	0.012	$PCALF_{FBU}$ = 25.793 - 0.266*YEAR
Percent Female Calves (FC_100C)	fall	11		0.398	0.544	NS
Yearlings per 100 Does (Y_100D)	spring	9		0.649	0.447	NS
	winter	2				Insufficient sample size
Percent Yearlings (PYRL)	spring	9		0.999	0.351	NS
	winter	2				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	7		0.368	0.570	NS
	winter	2				Insufficient sample size
Does per 100 Adults (D_100A)	spring	10		0.355	0.568	NS
	fall	16		0.924	0.353	NS
	winter	2				Insufficient sample size
Productivity (PROD)	spring	7		0.075	0.795	NS
Stags per 100 Adults (S_100A)	spring	10		0.465	0.515	NS
	fall	16		0.942	0.348	NS
	winter	2				Insufficient sample size
Percent Stags (PSTAG)	spring	10		1.421	0.267	NS
	fall	16		1.883	0.192	NS
	winter	2				Insufficient sample size

* NS - non-significant

Table 14E-5. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Cape Shore** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	0				No surveys completed
	fall	4	0.958	45.441	0.021	C_100D_{FCS} = -233.669 + 8.822*YEAR
Percent Calves (PCALF)	spring	0				No surveys completed
	fall	4	0.932	27.247	0.035	$PCALF_{FCS}$ = -81.825 + 3.285*YEAR
Percent Female Calves (FC_100C)	fall	3		1.121	0.482	NS*
Yearlings per 100 Does (Y_100D)	spring	0				No surveys completed
	winter	2				Insufficient sample size
Percent Yearlings (PYRL)	spring	0				No surveys completed
	winter	2				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	0				No surveys completed
	winter	2				Insufficient sample size
Does per 100 Adults (D_100A)	spring	0				No surveys completed
	fall	5		1.889	0.263	NS
	winter	2				Insufficient sample size
Productivity (PROD)	spring	0				No surveys completed
Stags per 100 Adults (S_100A)	spring	0				No surveys completed
	fall	5		1.889	0.263	NS
	winter	2				Insufficient sample size
Percent Stags (PSTAG)	spring	0				No surveys completed
	fall	5		0.989	0.393	NS
	winter	2				Insufficient sample size

* NS - non-significant

Table 14E-6. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Grey Islands** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	0				No surveys completed
	fall	5		0.063	0.818	NS*
Percent Calves (PCALF)	spring	0				No surveys completed
	fall	5		0.665	0.475	NS
Percent Female Calves (FC_100C)	fall	5		0.001	0.972	NS
Yearlings per 100 Does (Y_100D)	spring	0				No surveys completed
	winter	2				Insufficient sample size
Percent Yearlings (PYRL)	spring	0				No surveys completed
	winter	2				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	0				No surveys completed
	winter	2				Insufficient sample size
Does per 100 Adults (D_100A)	spring	0				No surveys completed
	fall	5	0.967	10.366	0.049	$D\_100A_{FGI} = 42.031 + 1.018*YEAR$
	winter	4		2.428	0.259	NS
Productivity (PROD)	spring	0				No surveys completed
Stags per 100 Adults (S_100A)	spring	0				No surveys completed
	fall	5	0.967	10.366	0.049	$S\_100A_{FGI} = 57.969 - 1.018*YEAR$
	winter	4		2.271	0.271	NS
Percent Stags (PSTAG)	spring	0				No surveys completed
	fall	5		3.511	0.158	NS
	winter	4		2.516	0.254	NS

* NS - non-significant

Table 14E-7. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Grey River** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	19		3.402	0.083	NS*
	fall	22		0.042	0.839	NS
Percent Calves (PCALF)	spring	19		2.73	0.142	NS
	fall	22		0.054	0.818	NS
Percent Female Calves (FC_100C)	fall	14		0.794	0.39	NS
Yearlings per 100 Does (Y_100D)	spring	23		0.021	0.887	NS
	winter	2				Insufficient sample size
Percent Yearlings (PYRL)	spring	23		0.041	0.842	NS
	winter	2				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	8		1.619	0.25	NS
	winter	2				Insufficient sample size
Does per 100 Adults (D_100A)	spring	23		0.002	0.963	NS
	fall	23		1.516	0.232	NS
	winter	8		0.585	0.473	NS
Productivity (PROD)	spring	12	0.370	5.883	0.036	$PROD_{GR}$ = 85.903 - 0.343* YEAR
Stags per 100 Adults (S_100A)	spring	23		0.002	0.963	NS
	fall	23		1.31	0.256	NS
	winter	8		0.487	0.512	NS
Percent Stags (PSTAG)	spring	23		0.057	0.813	NS
	fall	23		1.214	0.283	NS
	winter	8		0.146	0.716	NS

* NS - non-significant

Table 14E-8. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Gros Morne** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	11		0.012	0.916	NS*
	fall	5				Insufficient sample size
Percent Calves (PCALF)	spring	13		2.71	0.128	NS
	fall	5				Insufficient sample size
Percent Female Calves (FC_100C)	fall	5				Insufficient sample size
Yearlings per 100 Does (Y_100D)	spring	8		1.945	0.213	NS
	winter	1				Insufficient sample size
Percent Yearlings (PYRL)	spring	7	0.746	17.625	0.006	$PYRL_{SGM}$ = 113.78 - 3.138*YEAR
	winter	1				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	2				Insufficient sample size
	winter	1				Insufficient sample size
Does per 100 Adults (D_100A)	spring	12	0.355	5.513	0.041	D_100A_{SGM} = 109.95 - 0.998*YEAR
	fall	5				Insufficient sample size
	winter	1				Insufficient sample size
Productivity (PROD)	spring	7		3.403	0.108	NS
Stags per 100 Adults (S_100A)	spring	10		0.173	0.689	NS
	fall	5				Insufficient sample size
	winter	1				Insufficient sample size
Percent Stags (PSTAG)	spring	10		0.095	0.766	NS
	fall	5				Insufficient sample size
	winter	1				Insufficient sample size

* NS - non-significant

Table 14E-9. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **La Poile** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	11		0.155	0.703	NS*
	fall	22		0.522	0.478	NS
Percent Calves (PCALF)	spring	11		0.318	0.586	NS+
	fall	22		0.483	0.495	NS
Percent Female Calves (FC_100C)	fall	19		0.308	0.586	NS
Yearlings per 100 Does (Y_100D)	spring	11		0.12	0.737	NS
	winter	2				Insufficient sample size
Percent Yearlings (PYRL)	spring	11		0.008	0.932	NS
	winter	2				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	9		0.292	0.606	NS
	winter	2				Insufficient sample size
Does per 100 Adults (D_100A)	spring	12		4.081	0.071	NS
	fall	22		0.114	0.739	NS
	winter	11		0.202	0.664	NS
Productivity (PROD)	spring	9		1.588	0.248	NS
Stags per 100 Adults (S_100A)	spring	12		3.976	0.074	NS
	fall	22		0.14	0.712	NS
	winter	11		0.362	0.562	NS
Percent Stags (PSTAG)	spring	12		5.81	0.037	$PSTAG_{SLP} = 1.108 + 0.447*YEAR$
	fall	22		0.003	0.955	NS
	winter	11		0.038	0.85	NS

* NS - non-significant

Table 14E-10. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Middle Ridge** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	13	0.398	7.258	0.021	$C\_100D_S = 72.178 - 1.208*YEAR$
	fall	26		0.048	0.828	NS*
Percent Calves (PCALF)	spring	13		2.526	0.14	NS
	fall	27		0.015	0.902	NS
Percent Female Calves (FC_100C)	fall	17		0.254	0.622	NS
Yearlings per 100 Does (Y_100D)	spring	13		1.206	0.296	NS
	winter	2				Insufficient sample size
Percent Yearlings (PYRL)	spring	13		1.592	0.233	NS
	winter	2				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	8		0.413	0.544	NS
	winter	2				Insufficient sample size
Does per 100 Adults (D_100A)	spring	14	0.473	10.77	0.007	$D\_100A_S = 99.611 - 0.511*YEAR$
	fall	27	0.479	17.996	< 0.001	$D\_100A_F = 56.563 + 0.425*YEAR$
	winter	11	0.599	13.421	0.005	$D\_100A_W = 50.028 + 0.769*YEAR$
Productivity (PROD)	spring	9		0	0.957	NS
Stags per 100 Adults (S_100A)	spring	13	0.416	7.849	0.017	$S\_100A_S = 0.667 + 0.474*YEAR$
	fall	27	0.435	19.211	< 0.001	$S\_100A_F = 43.235 - 0.433*YEAR$
	winter	11	0.680	19.087	0.002	$S\_100A_W = 51.273 - 0.846*YEAR$
Percent Stags (PSTAG)	spring	13	0.575	13.575	0.004	$PSTAG_S = -0.885 + 0.452*YEAR$
	fall	27	0.523	23.376	< 0.001	$PSTAG_F = 35.077 - 0.362*YEAR$
	winter	11	0.717	22.779	0.001	$PSTAG_W = 38.708 - 0.614*YEAR$

* NS - non-significant

Table 14E-11. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Mount Peyton** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	12	0.412	7.011	0.024	$C\_100D_{SMP} = 76.425 - 1.215*YEAR$
	fall	15	0.34	0.853	0.371	NS*
Percent Calves (PCALF)	spring	12		5.154	0.047	$PCALF_{SMP} = 38.249 - 0.481*YEAR$
	fall	15		0.096	0.762	NS
Percent Female Calves (FC_100C)	fall	12		0.559	0.472	NS
Yearlings per 100 Does (Y_100D)	spring	11		3.132	0.111	NS
	winter	2				Insufficient sample size
Percent Yearlings (PYRL)	spring	11		5.049	0.051	NS
	winter	2				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	10		0.452	0.52	NS
	winter	2				Insufficient sample size
Does per 100 Adults (D_100A)	spring	12		0.238	0.636	NS
	fall	16	0.38	14.891	0.002	$D\_100A_{FMP} = 58.688 + 0.471*YEAR$
	winter	2				Insufficient sample size
Productivity (PROD)	spring	10		0.002	0.966	NS
Stags per 100 Adults (S_100A)	spring	12		< 0.001	0.988	NS
	fall	17	0.354	13.223	0.002	$S\_100A_{FMP} = 40.996 - 0.470*YEAR$
	winter	2				Insufficient sample size
Percent Stags (PSTAG)	spring	12		0.267	0.616	NS
	fall	17	0.182	6.409	0.023	$PSTAG_{FMP} = 32.717 - 0.320*YEAR$
	winter	2				Insufficient sample size

* NS - non-significant

Table 14E-12. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Northern Peninsula** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	3				Insufficient sample size
	fall	6		0.264	0.634	NS*
Percent Calves (PCALF)	spring	3				Insufficient sample size
	fall	6		0.23	0.657	NS
Percent Female Calves (FC_100C)	fall	6		1.766	0.255	NS
Yearlings per 100 Does (Y_100D)	spring	3				Insufficient sample size
	winter	3				Insufficient sample size
Percent Yearlings (PYRL)	spring	3				Insufficient sample size
	winter	3				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	3				Insufficient sample size
	winter	3				Insufficient sample size
Does per 100 Adults (D_100A)	spring	3				Insufficient sample size
	fall	6		0.015	0.91	NS
	winter	3				Insufficient sample size
Productivity (PROD)	spring	3				Insufficient sample size
Stags per 100 Adults (S_100A)	spring	3				Insufficient sample size
	fall	6		0.266	0.633	NS
	winter	3				Insufficient sample size
Percent Stags (PSTAG)	spring	3				Insufficient sample size
	fall	6		0.388	0.567	NS
	winter	3				Insufficient sample size

* NS - non-significant

Table 14E-13. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Pot Hill** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	15	0.575	17.567	0.001	$C\_100D_S = 66.718 - 0.900*YEAR$
	fall	7	0.577	6.819	0.048	$C\_100D_F = 89.962 - 2.054*YEAR$
Percent Calves (PCALF)	spring	15	0.78	46.011	<0.001	$PCALF_S = 38.247 - 0.529*YEAR$
	fall	7	0.688	11.046	0.021	$PCALF_F = 36.940 - 0.529*YEAR$
Percent Female Calves (FC_100C)	fall	5		8.886	0.059	NS*
Yearlings per 100 Does (Y_100D)	spring	16		0.665	0.429	NS
	winter	1				Insufficient sample size
Percent Yearlings (PYRL)	spring	16		0.271	0.611	NS
	winter	1				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	12		0.495	0.498	NS
	winter	1				Insufficient sample size
Does per 100 Adults (D_100A)	spring	16	0.619	37.144	<0.001	$D\_100A_S = 100.462 - 0.463*YEAR$
	fall	7		0.735	0.43	NS
	winter	1				Insufficient sample size
Productivity (PROD)	spring	11	0.71	21.989	0.001	$PROD_S = 89.668 - 0.485*YEAR$
Stags per 100 Adults (S_100A)	spring	15	0.654	24.622	<0.001	$S\_100A_S = -0.041 + 0.429*YEAR$
	fall	7		0.821	0.406	NS
	winter	1				Insufficient sample size
Percent Stags (PSTAG)	spring	15	0.616	39.849	<0.001	$PSTAG_S = -0.724 + 0.339*YEAR$
	fall	7		0.081	0.788	NS
	winter	1				Insufficient sample size

* NS - non-significant

Table 14E-14. Results of linear regression analyses on changes in population indices over time by season. Composition indices were calculated from composition survey results collected on the **Sandy Lake** caribou herd.

Index	Season	Sample size	R^2	F-ratio	p-value	Linear regression equation
Calves per 100 Does (C_100D)	spring	7		0.863	0.396	NS*
	fall	17		0.026	0.874	NS
Percent Calves (PCALF)	spring	7		0.456	0.529	NS
	fall	17		0.01	0.923	NS
Percent Female Calves (FC_100C)	fall	15		0.039	0.846	NS
Yearlings per 100 Does (Y_100D)	spring	8		2.437	0.17	NS
	winter	1				Insufficient sample size
Percent Yearlings (PYRL)	spring	8		1.895	0.218	NS
	winter	1				Insufficient sample size
Percent Female Yearlings (FY_100Y)	spring	6		0.007	0.937	NS
	winter	1				Insufficient sample size
Does per 100 Adults (D_100A)	spring	8		0.01	0.923	NS
	fall	17		1.574	0.229	NS
	winter	1				Insufficient sample size
Productivity (PROD)	spring	6		5.29	0.083	NS
Stags per 100 Adults (S_100A)	spring	8		0.001	0.975	NS
	fall	17		1.096	0.312	NS
	winter	1				Insufficient sample size
Percent Stags (PSTAG)	spring	8		0.231	0.648	NS
	fall	17		1.466	0.245	NS
	winter	1				Insufficient sample size

* NS - non-significant

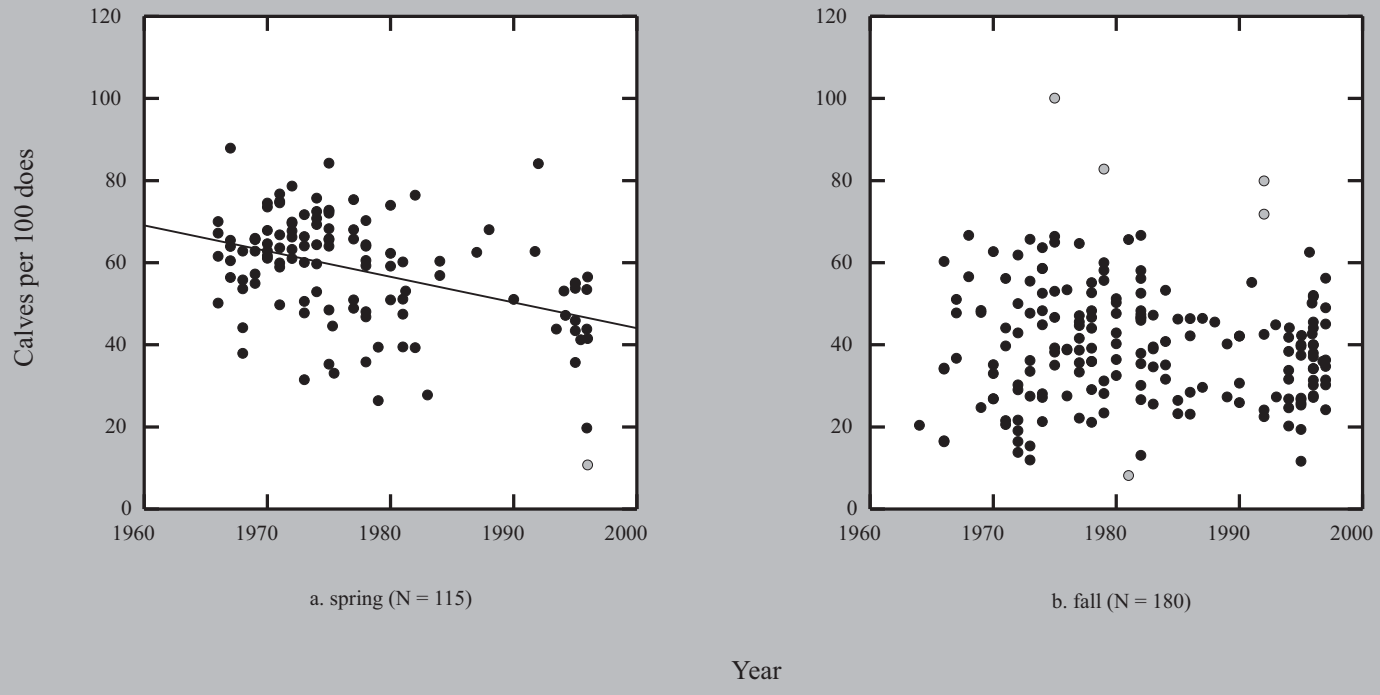


Fig. 14E-1. Regression of **calves per 100 does**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

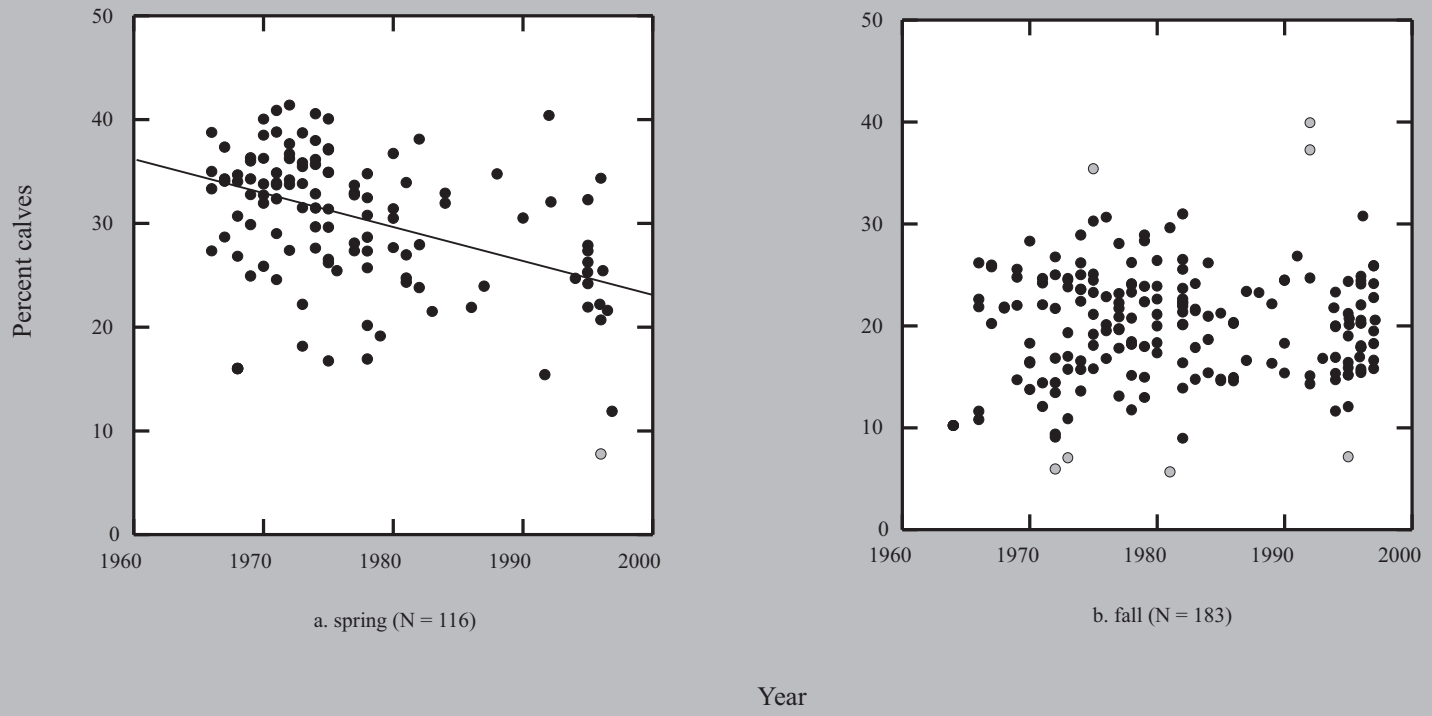


Fig. 14E-2. Regression of **percent calves**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

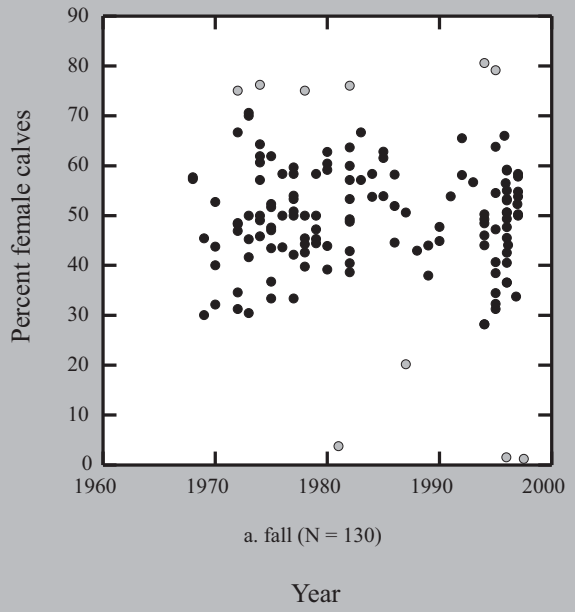


Fig. 14E-3. Regression of the **percent of female calves**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

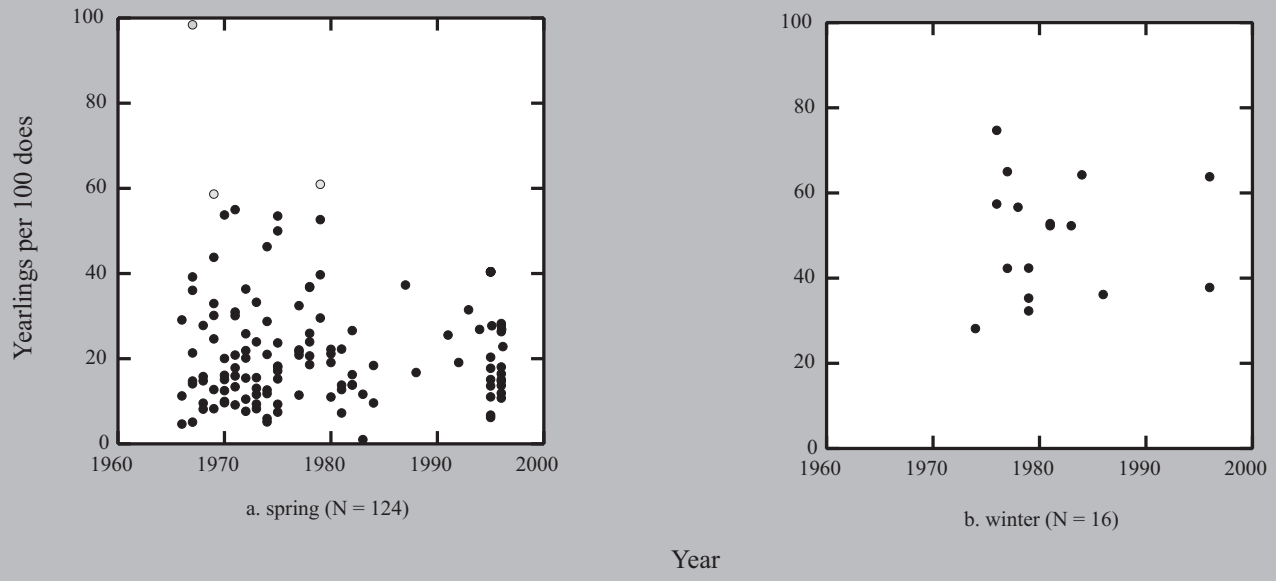


Fig. 14E-4. Regression of **Yearling per 100 does**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

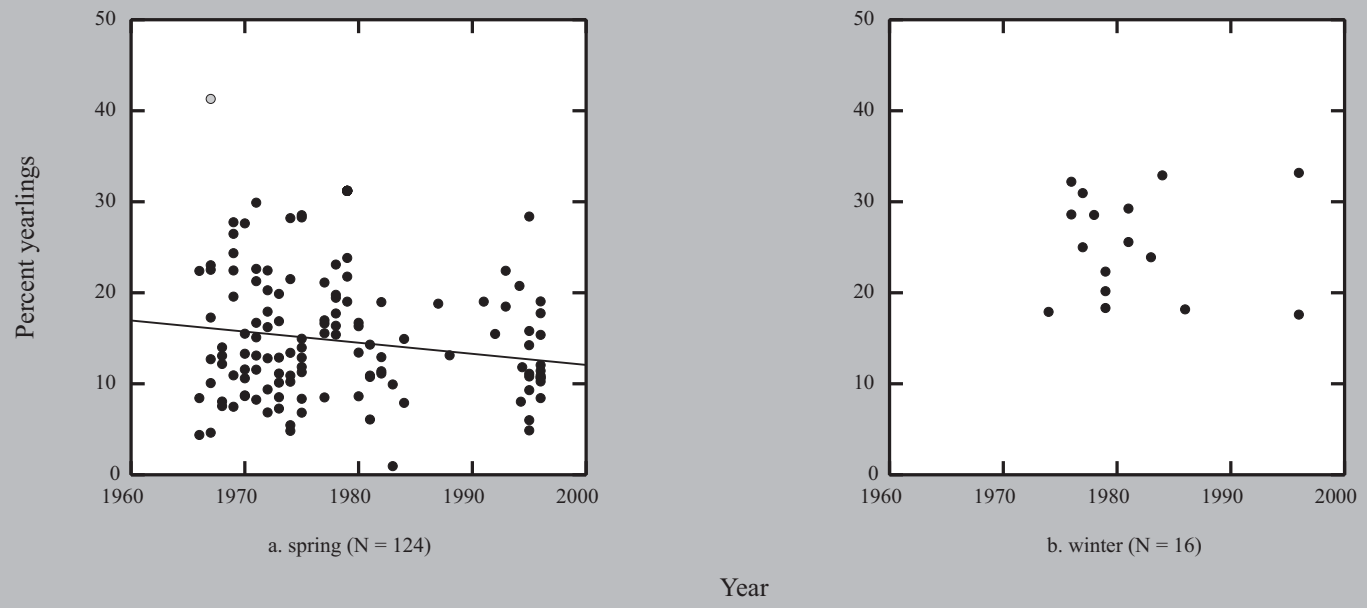


Fig. 14E-5. Regression of **percent Yearlings**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

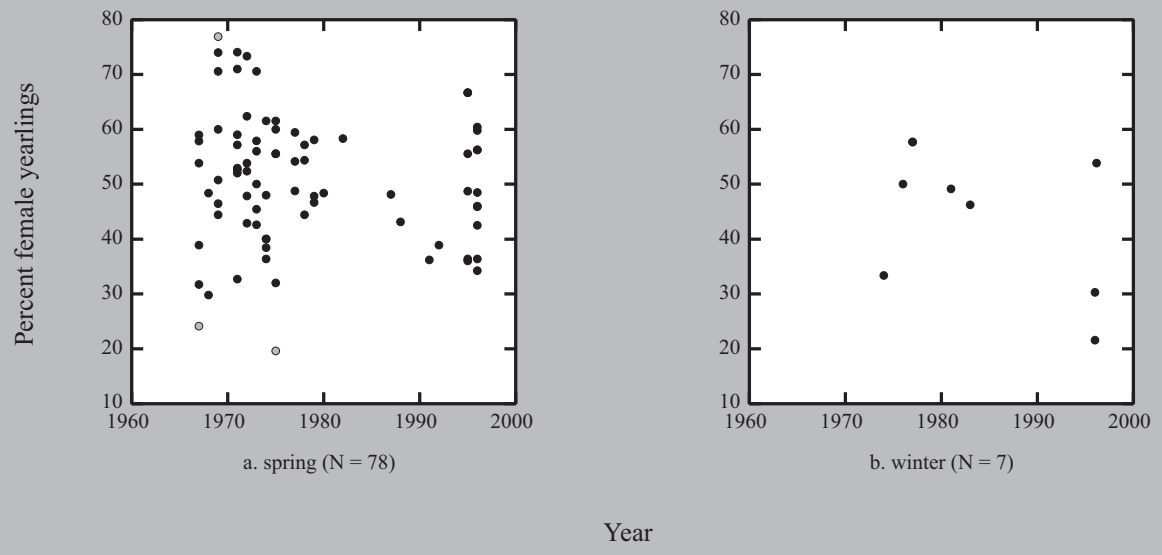


Fig. 14E-6. Regression of **percent of female Yearlings**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

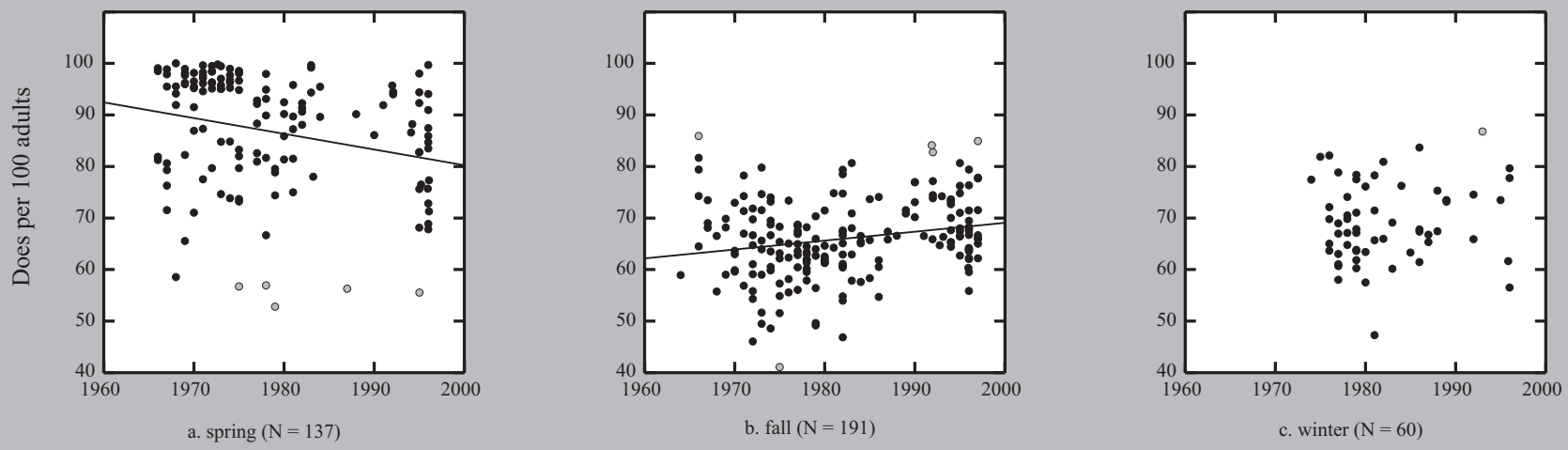


Fig. 14E-7. Regression of **does per 100 adults**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

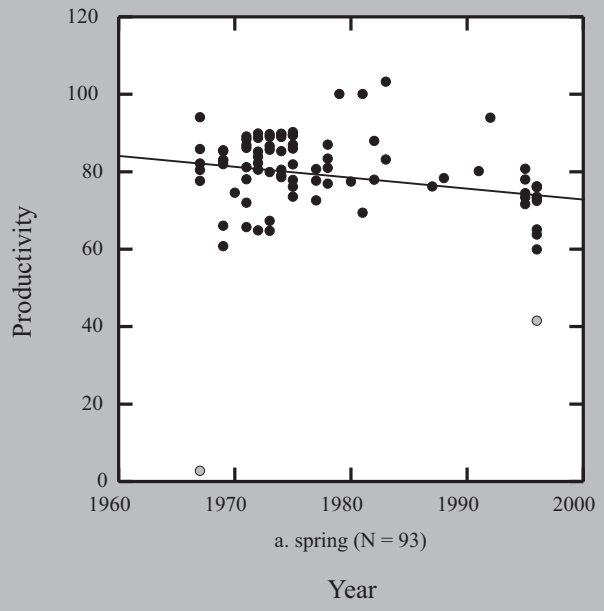


Fig. 14E-8. Regression of **doe productivity**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

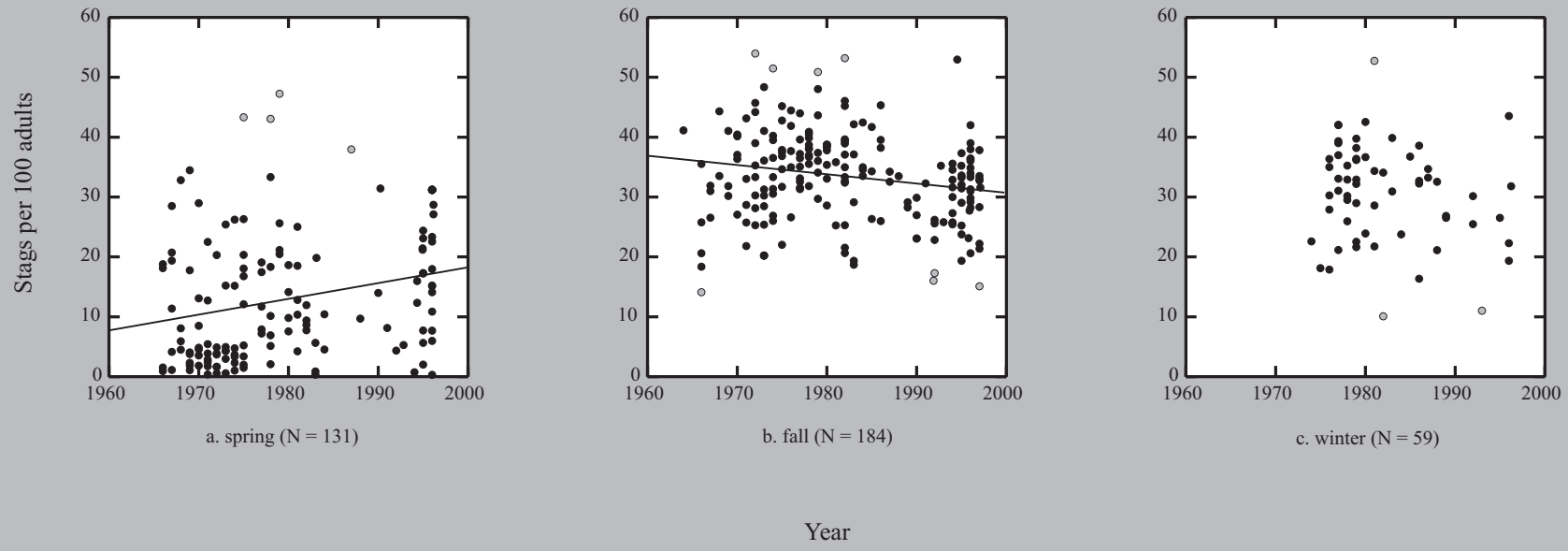


Fig. 14E-9. Regression of **stags per 100 adults**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

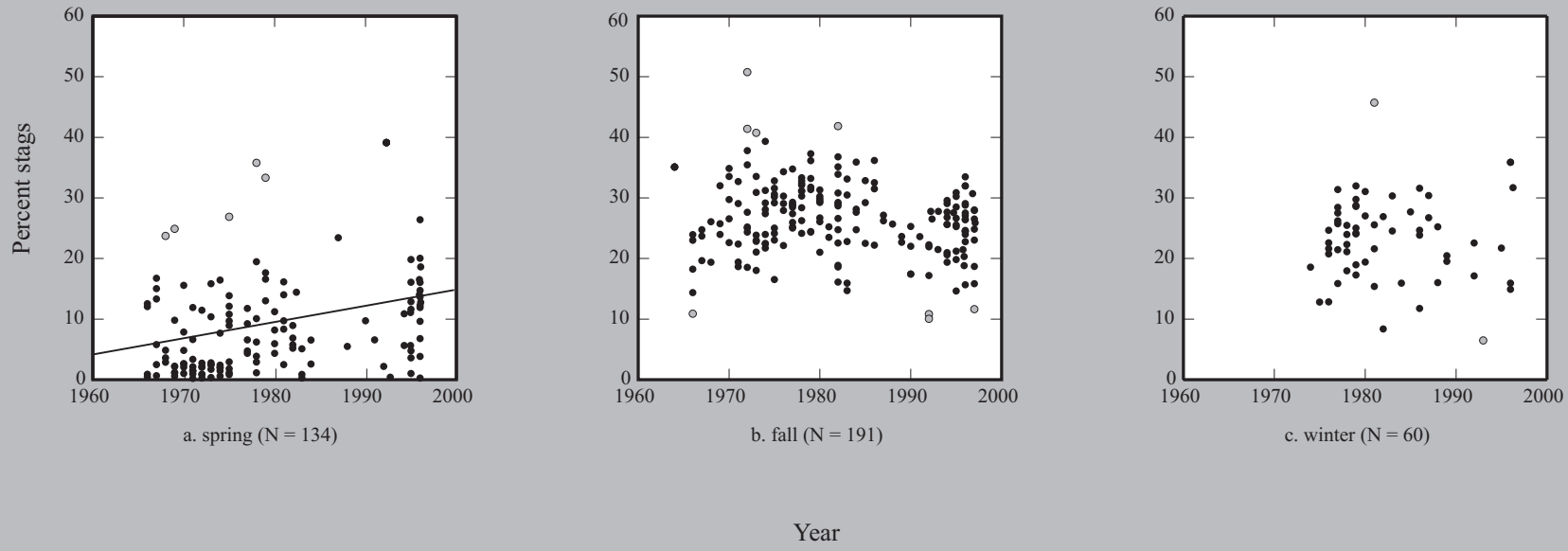


Fig. 14E-10. Regression of **percent stags**, as determined from composition surveys, on survey year for all insular Newfoundland caribou herds combined. Regression lines are shown if the relationship was significant ($p < 0.05$). Light grey dots represent outliers identified using 95% confidence limits.

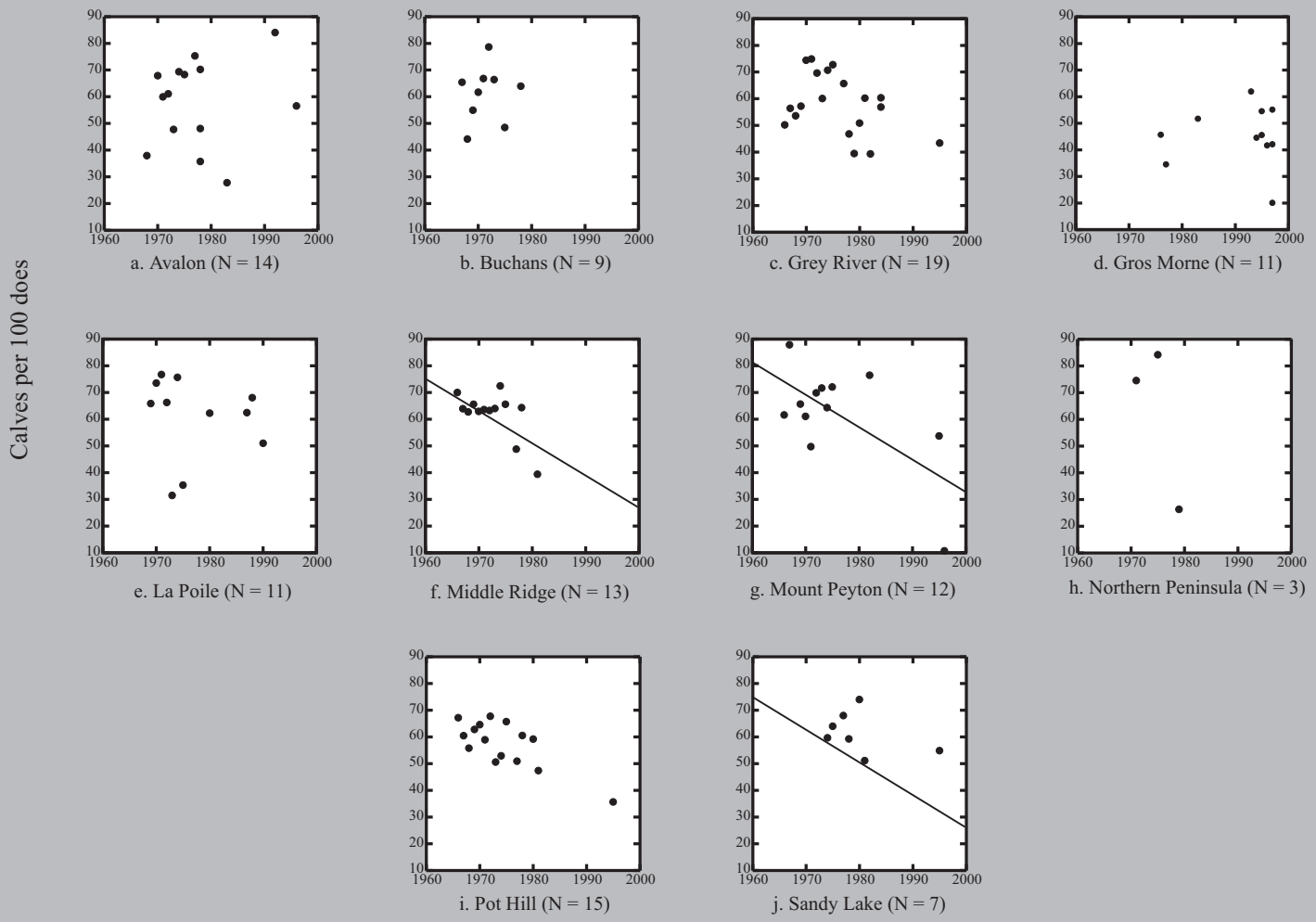


Fig. 14E-11. Regression of **Calves per 100 does**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

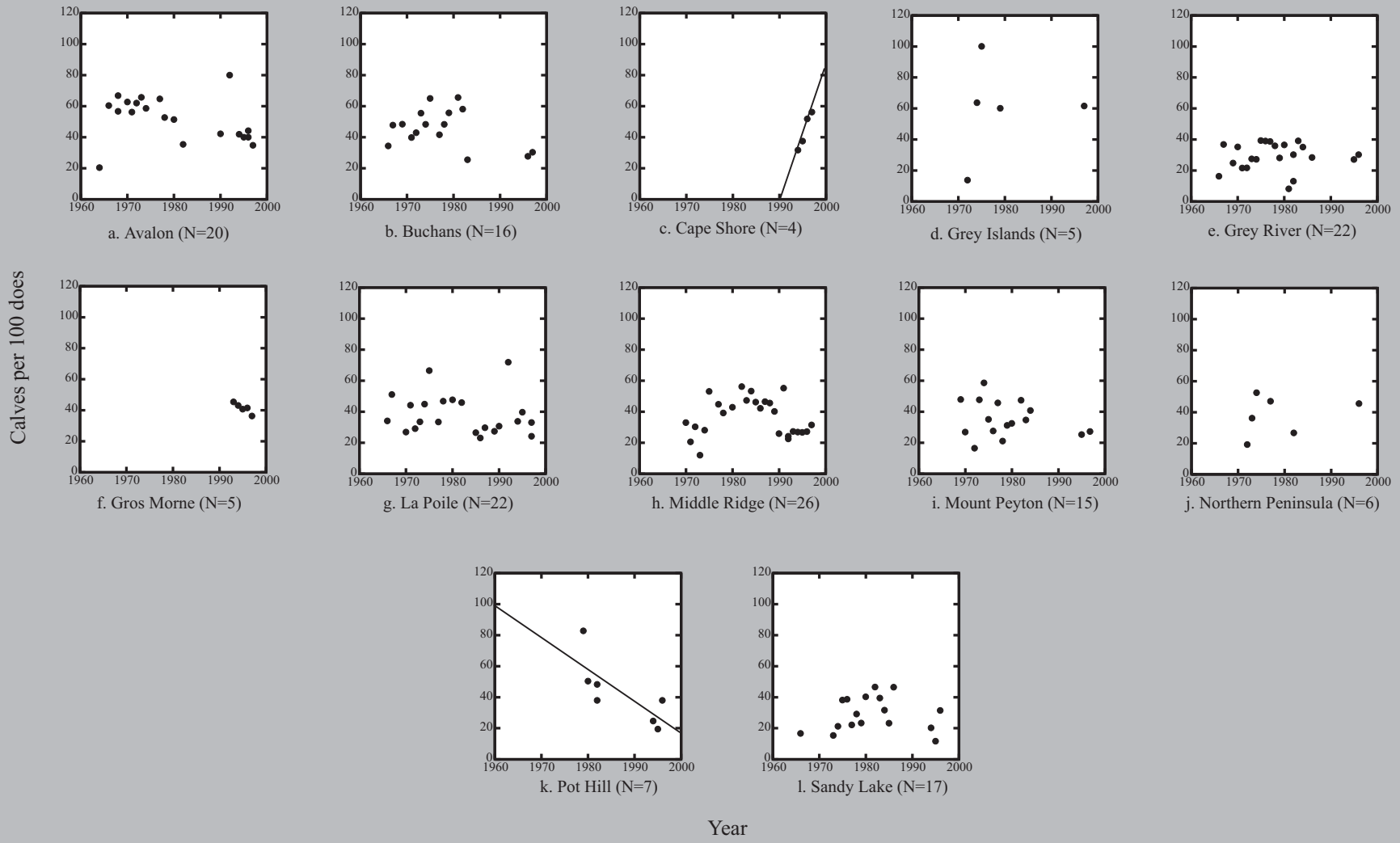


Fig. 14E-12. Regression of **Calves per 100 does**, as determined from fall composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

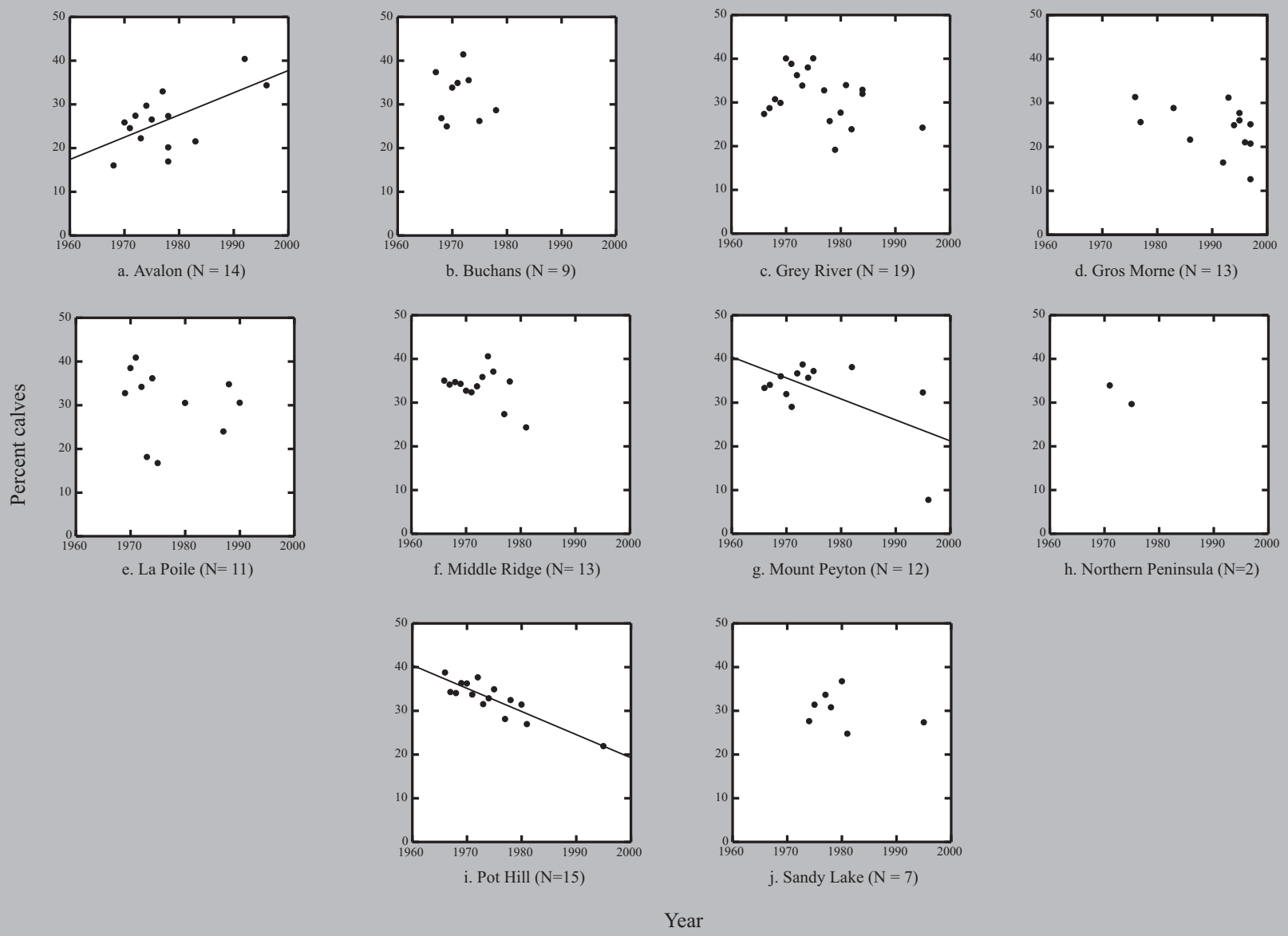


Fig. 14E-13. Regression of **percent calves**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

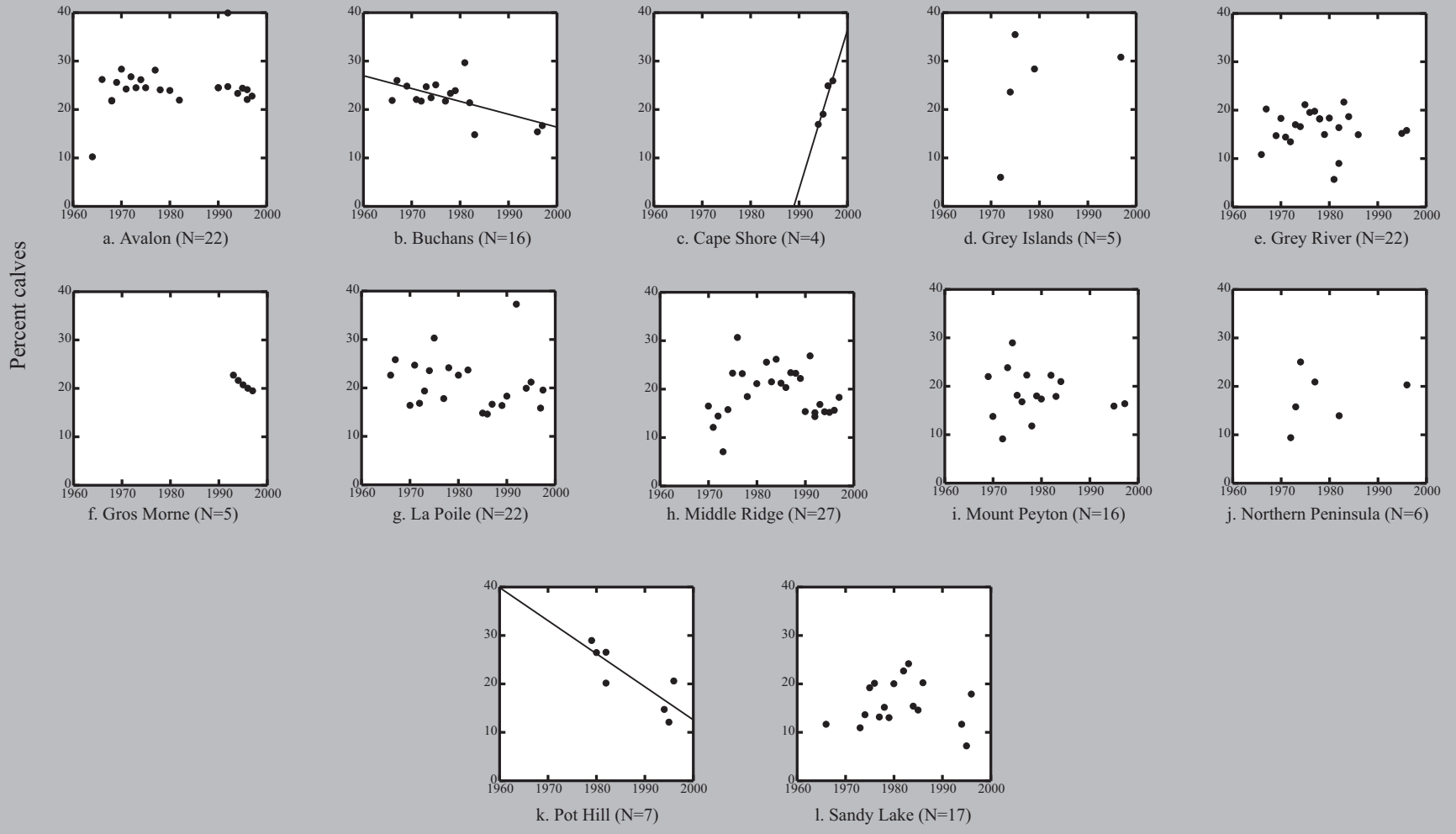


Fig. 14E-14. Regression of **percent calves**, as determined from fall composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

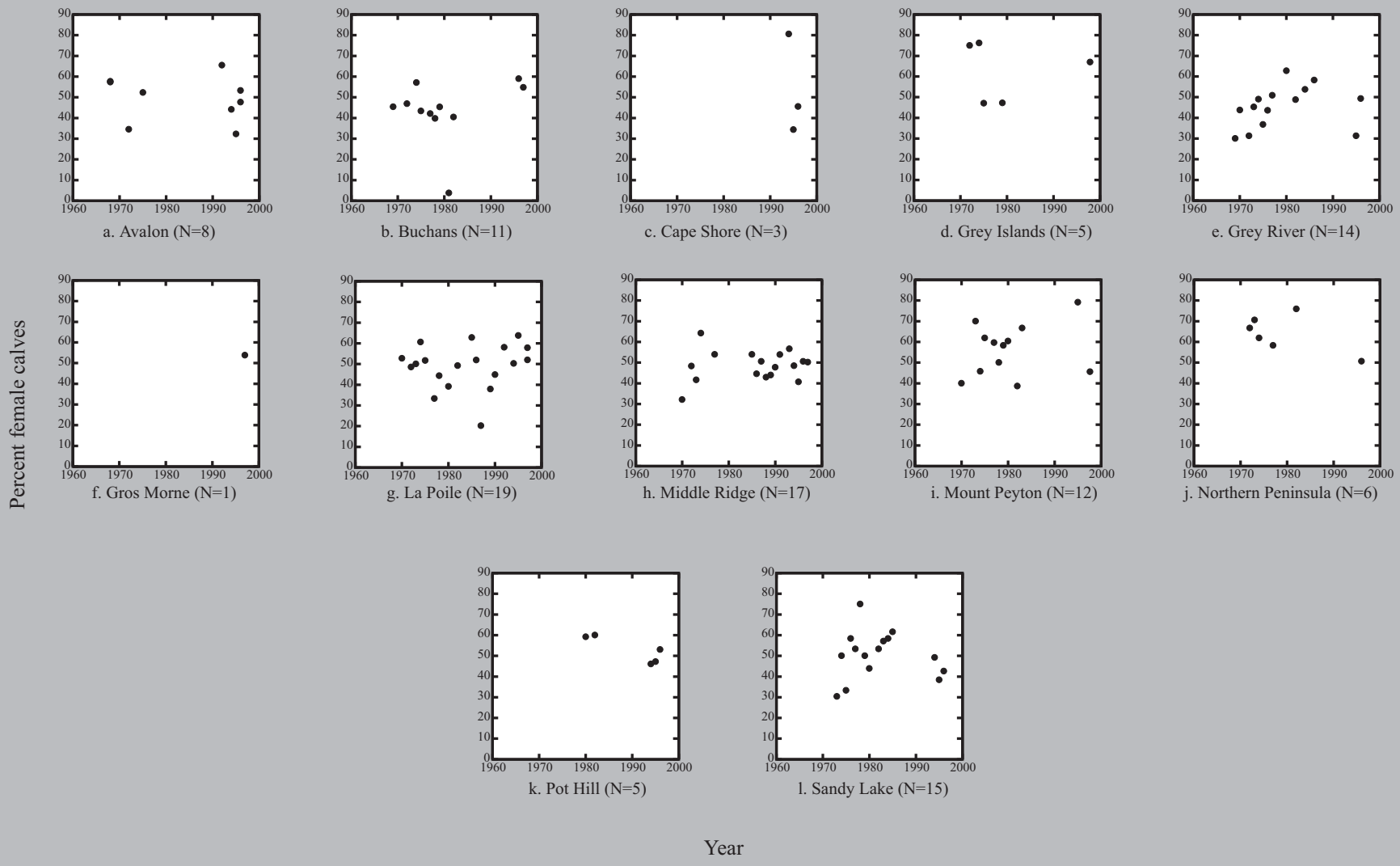


Fig. 14E-15. Regression of **percent of female calves**, as determined from fall composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

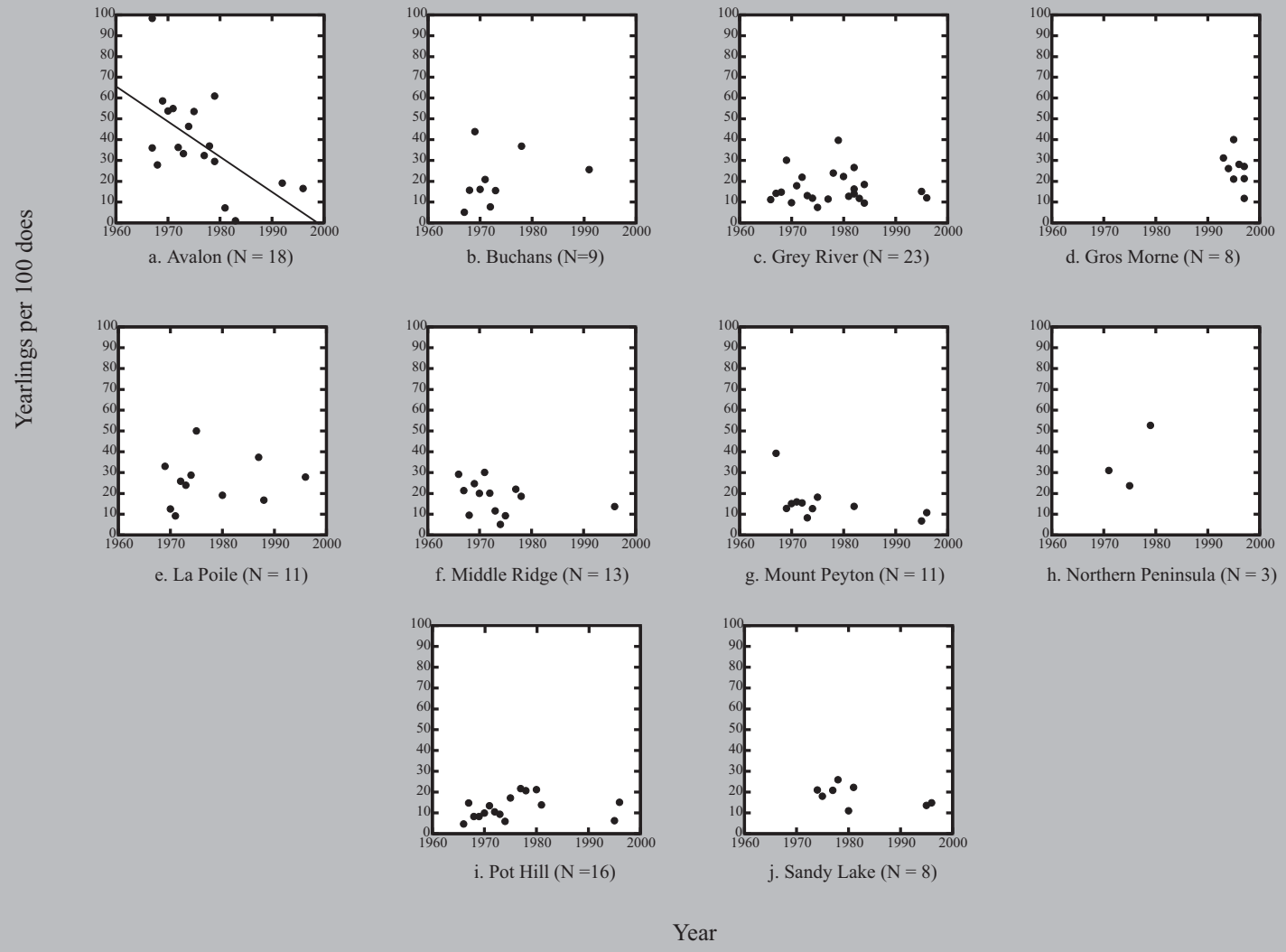


Fig. 14E-16. Regression of **yearlings per 100 does**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

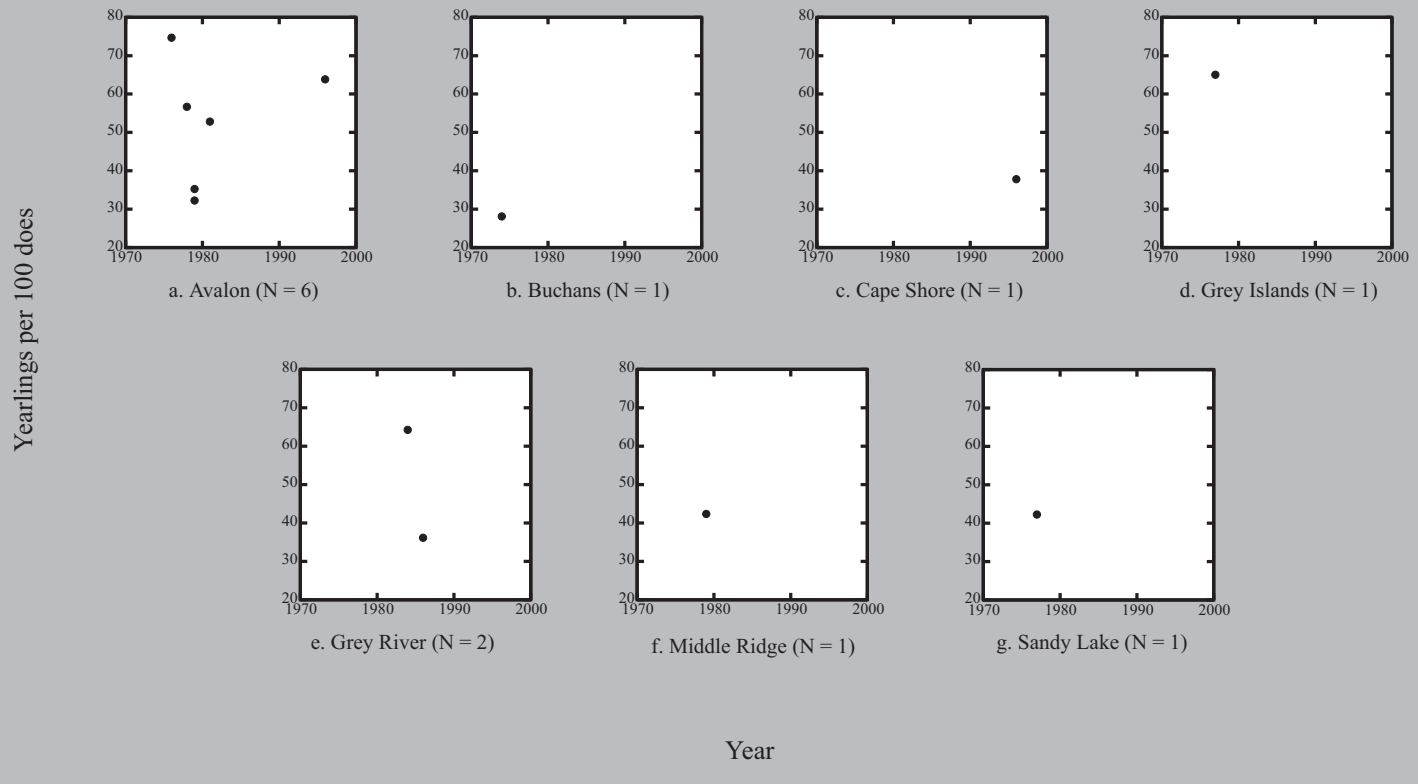


Fig. 14E-17. Regression of **yearlings per 100 does**, as determined from winter composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

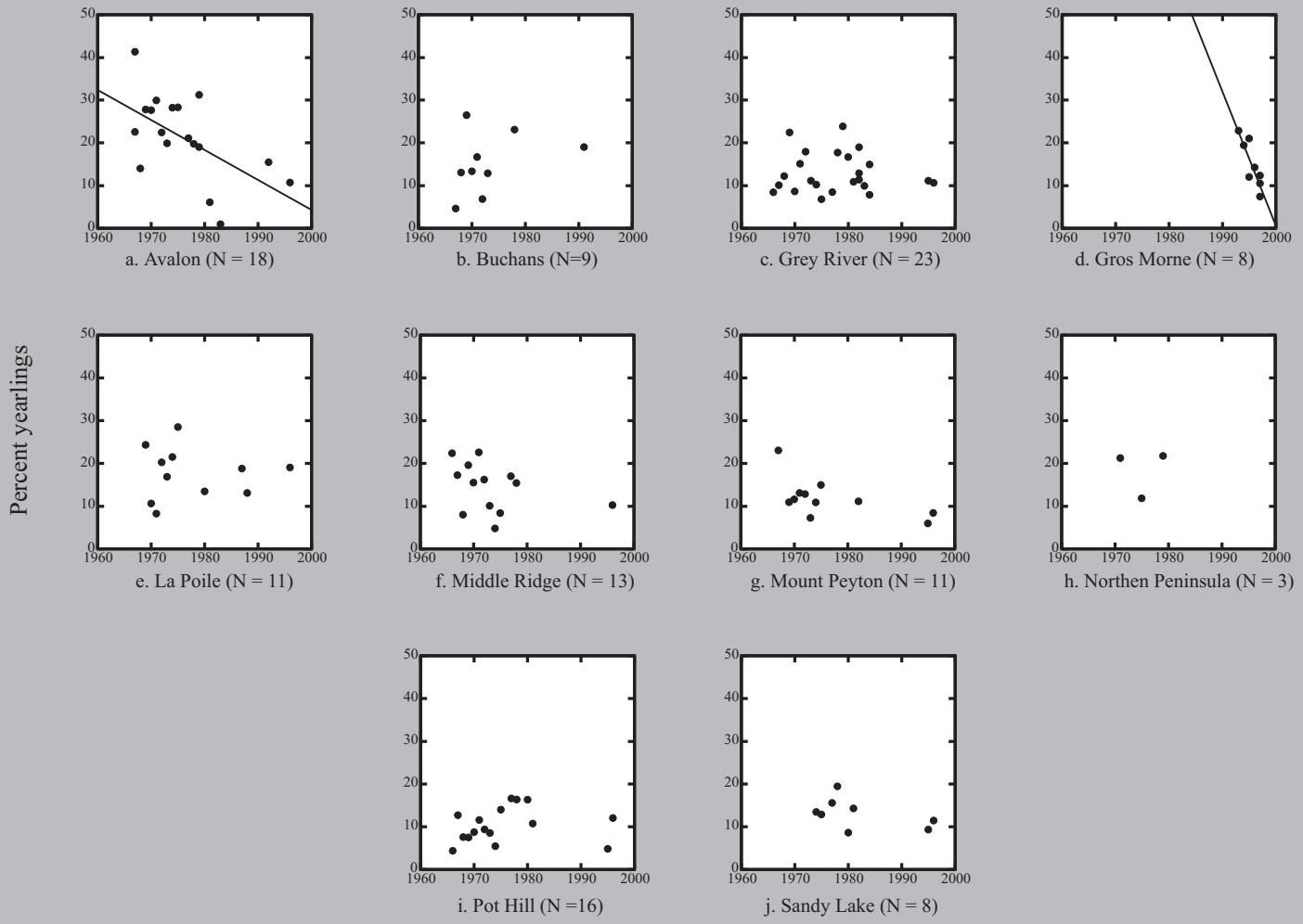


Fig. 14E-18. Regression of **percent yearlings**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

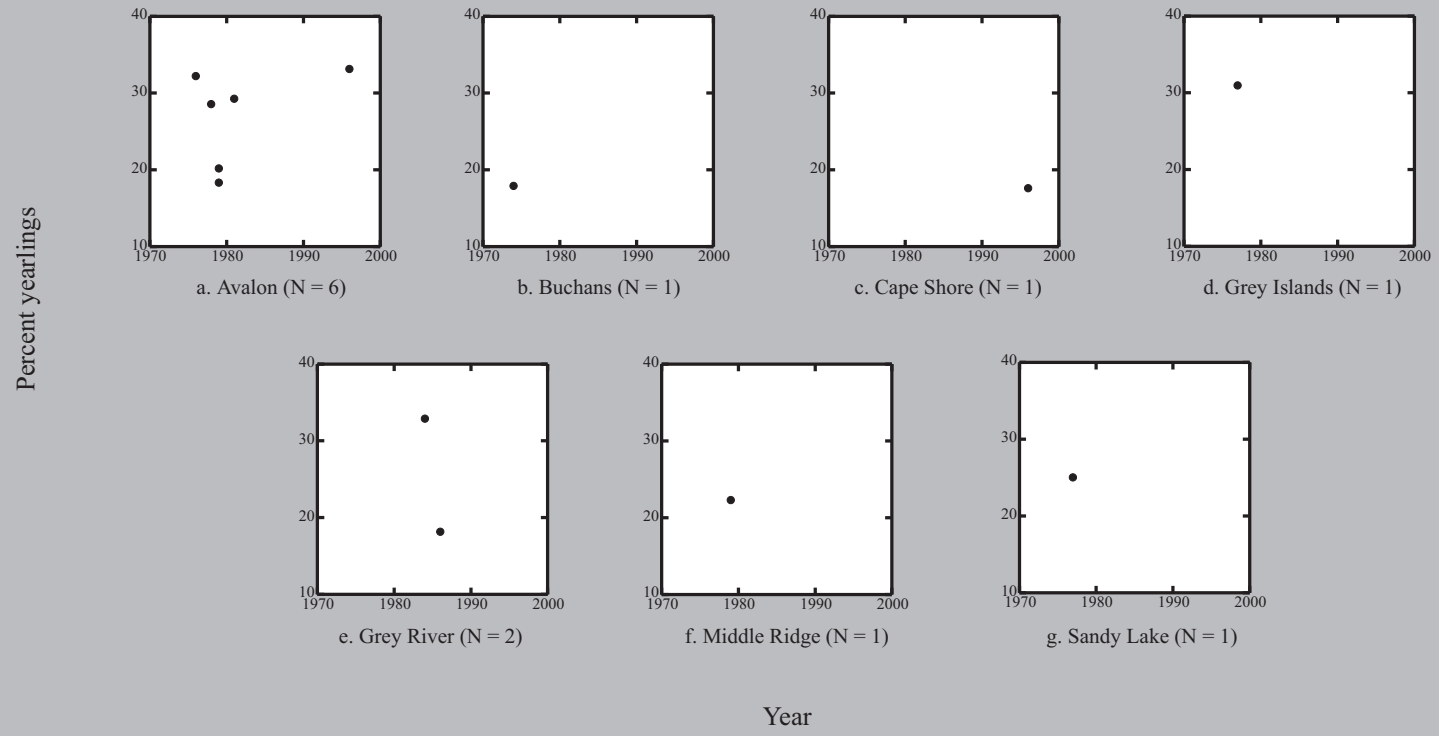


Fig. 14E-19. Regression of **percent yearlings**, as determined from winter composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

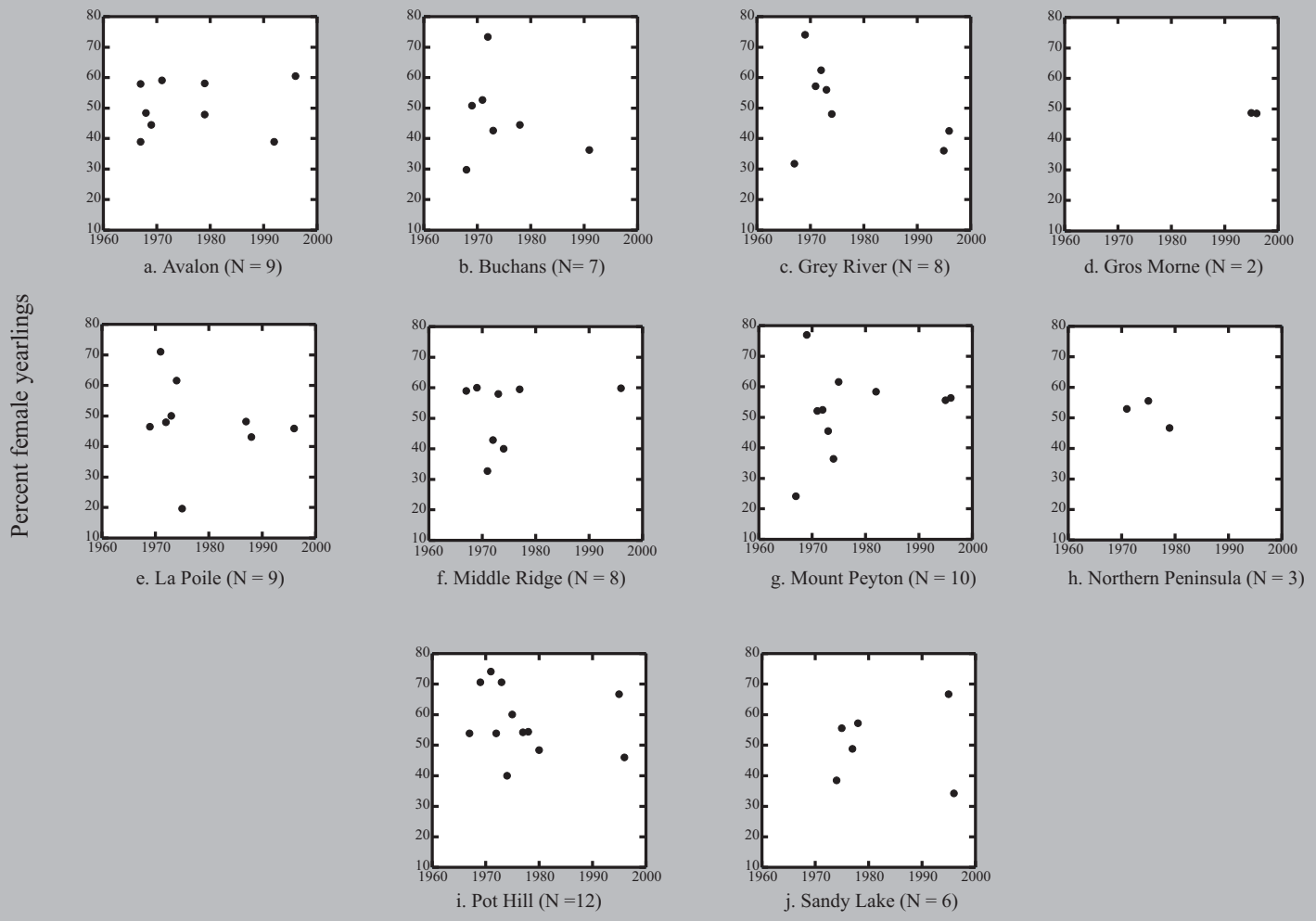


Fig. 14E-20. Regression of **percent of female yearlings**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

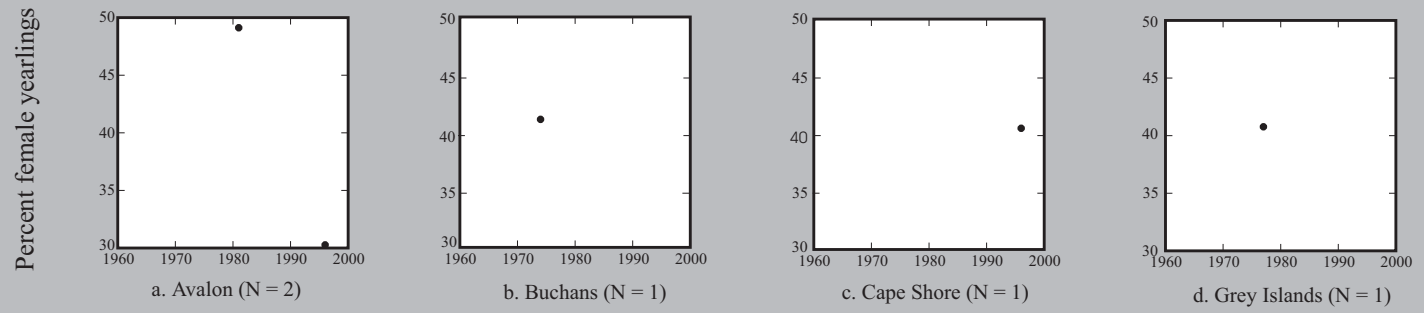


Fig. 14E-21. Regression of **percent of female yearlings**, as determined from winter composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

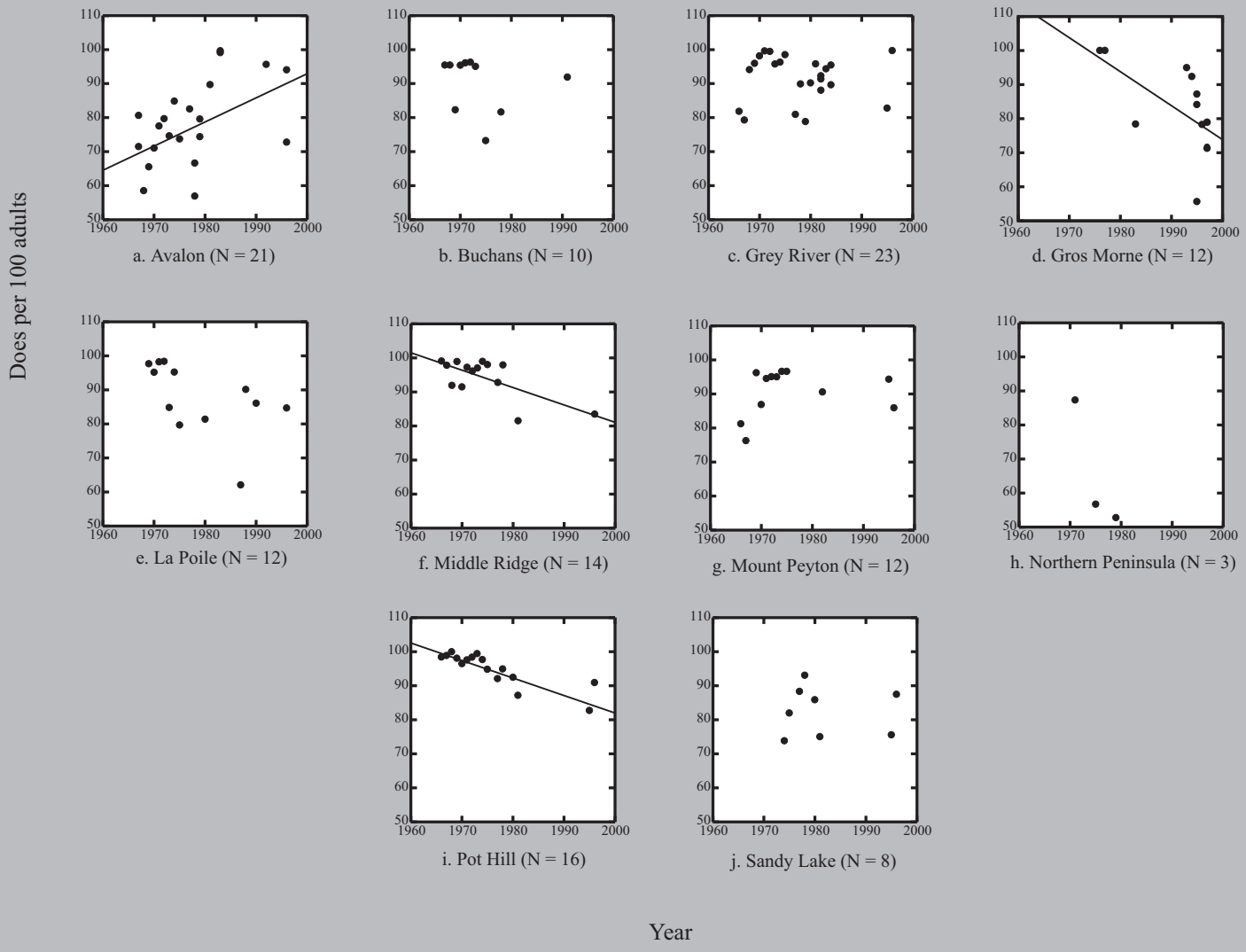


Fig. 14E-22. Regression of **does per 100 adults**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

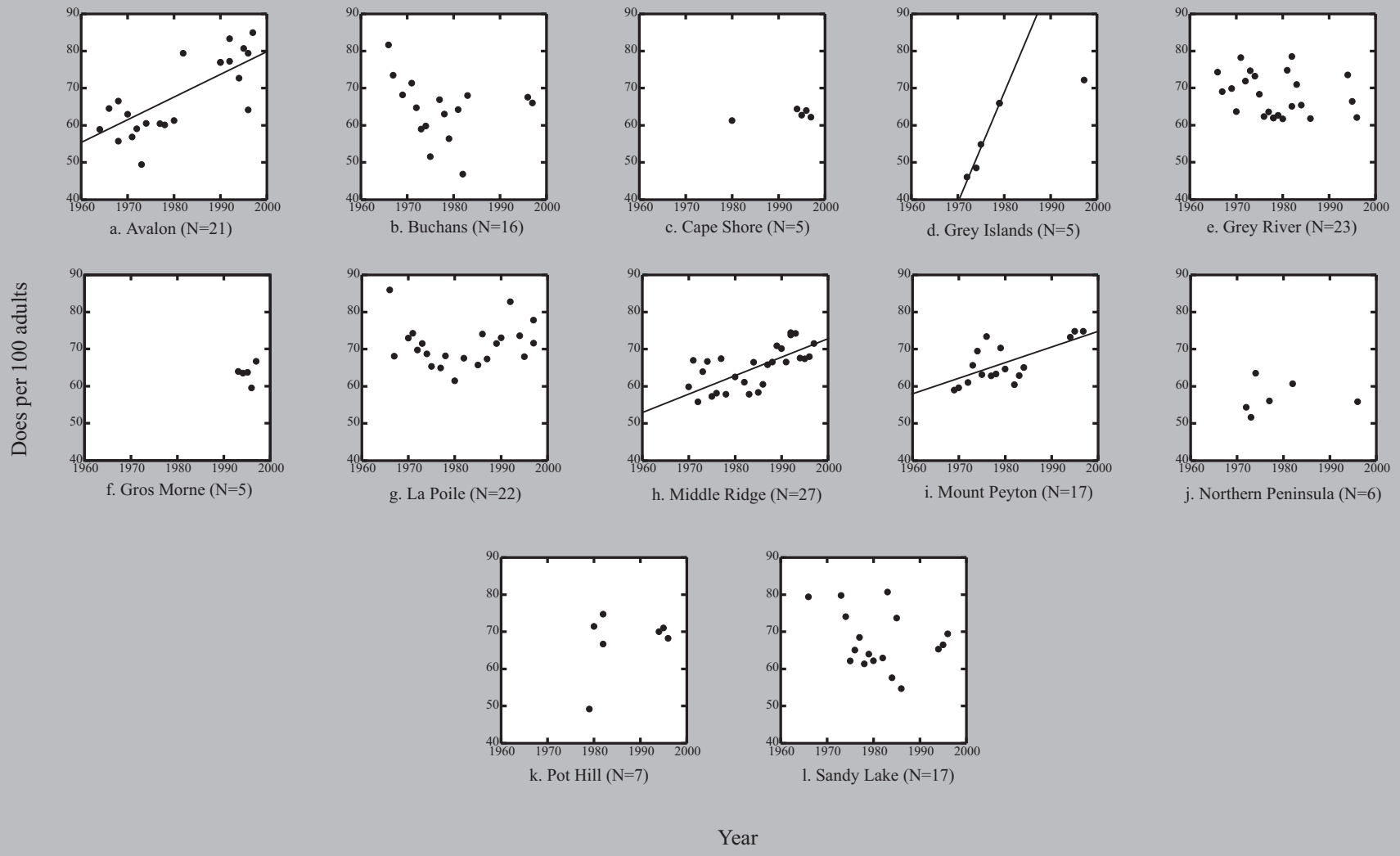


Fig. 14E-23. Regression of **does per 100 adults**, as determined from fall composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

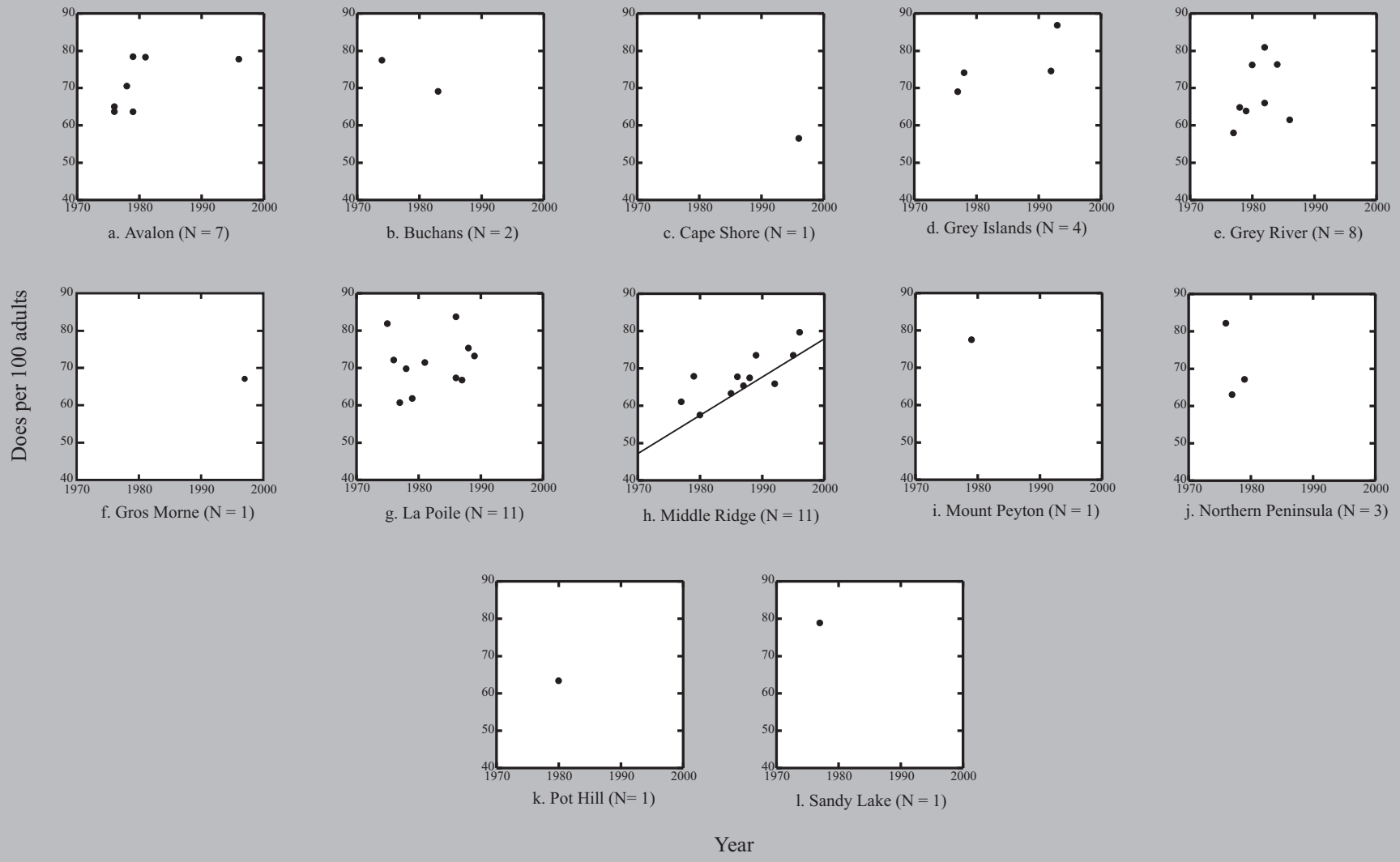


Fig. 14E-24. Regression of **does per 100 adults**, as determined from winter composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

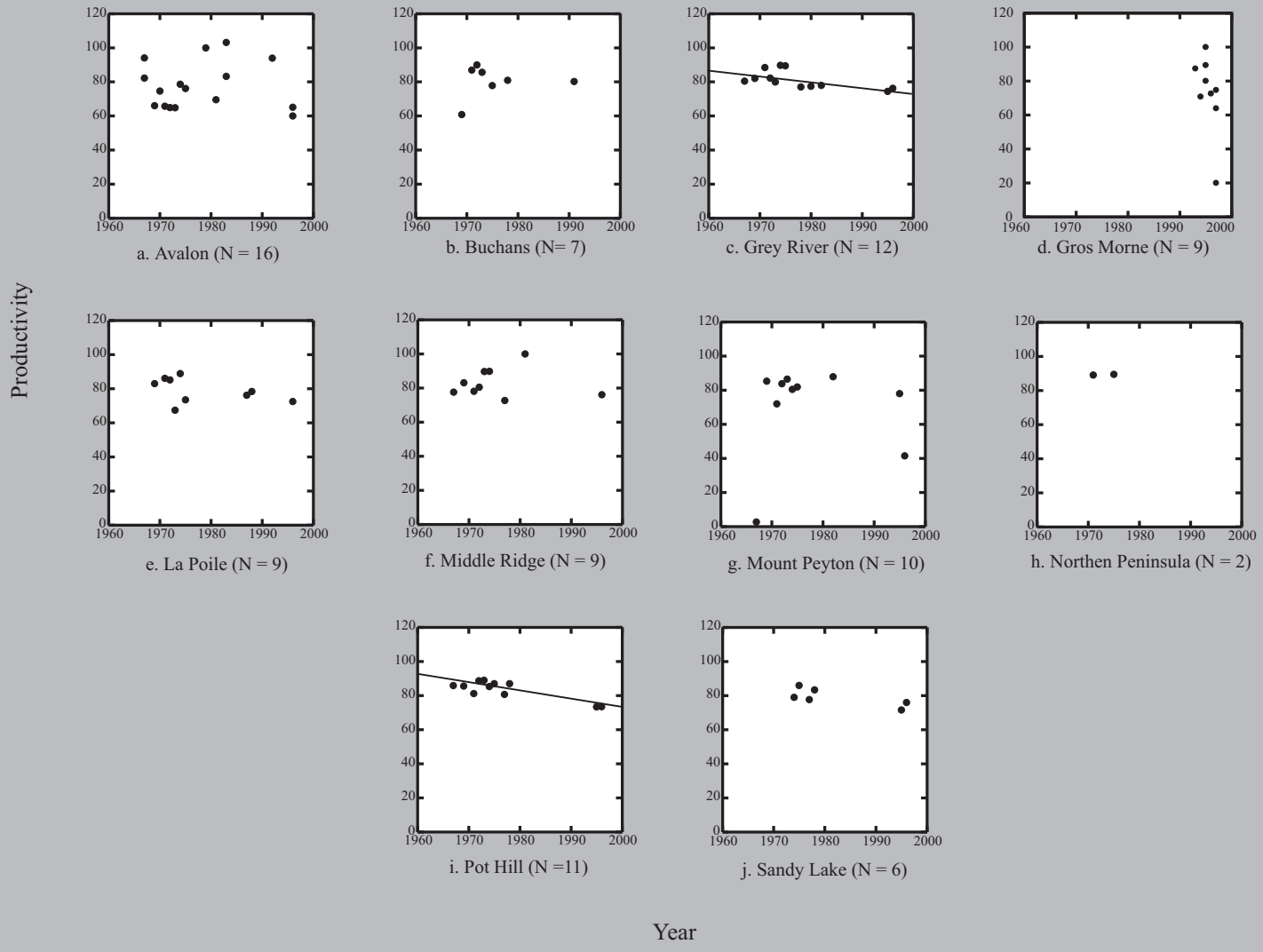


Fig. 14E-25. Regression of **doe productivity**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

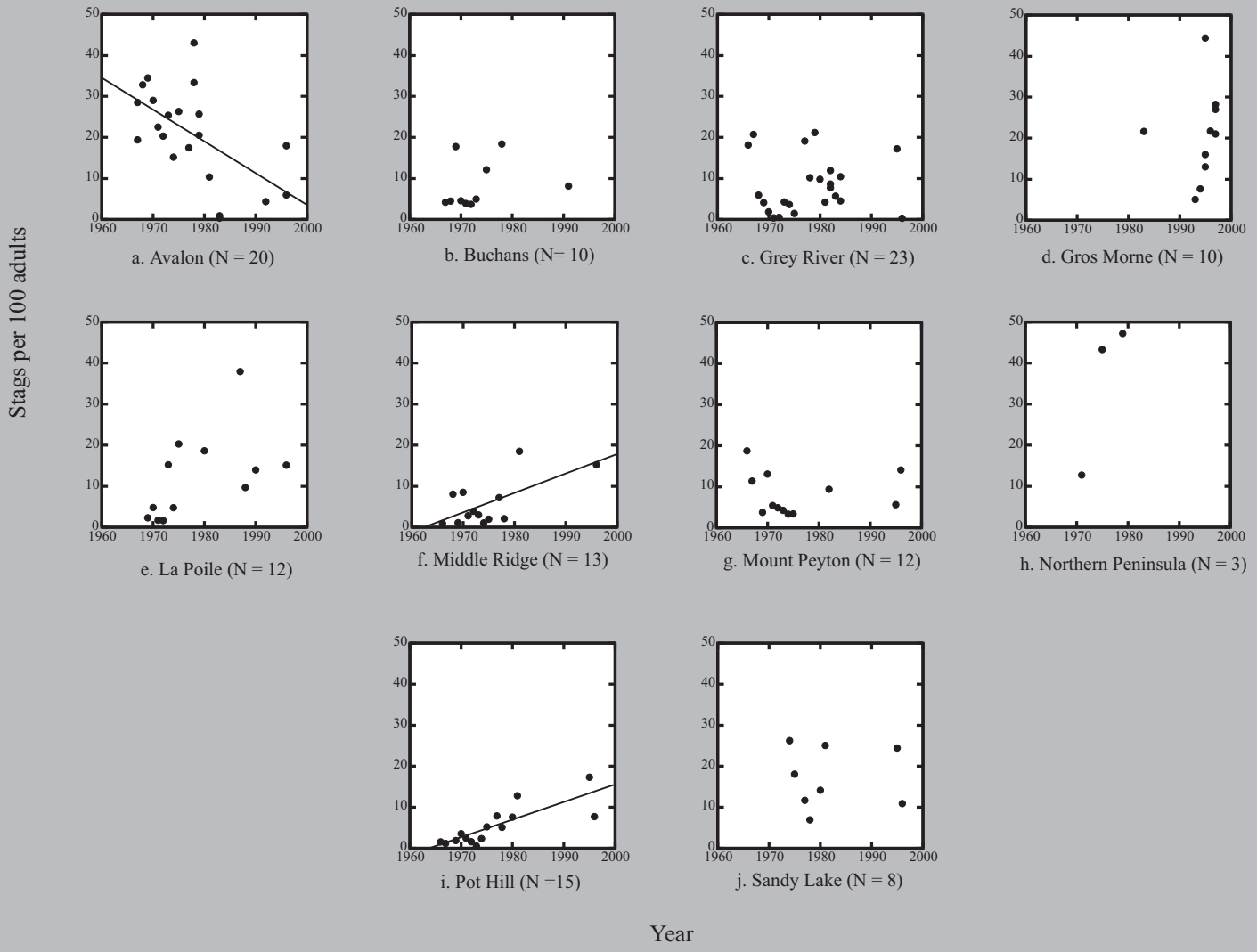


Fig. 14E-26. Regression of **stags per 100 adults**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

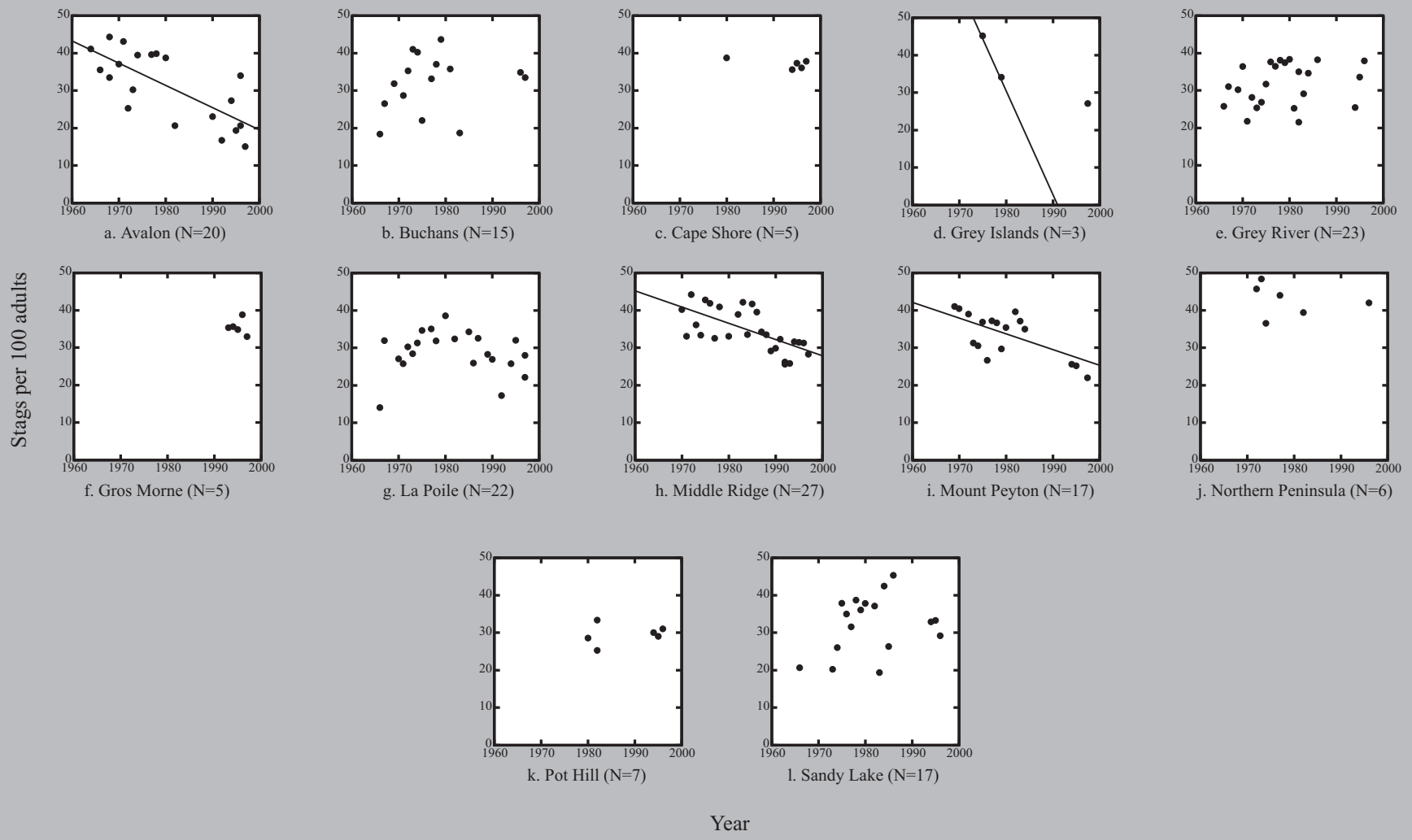


Fig. 14E-27. Regression of **stags per 100 adults**, as determined from fall composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

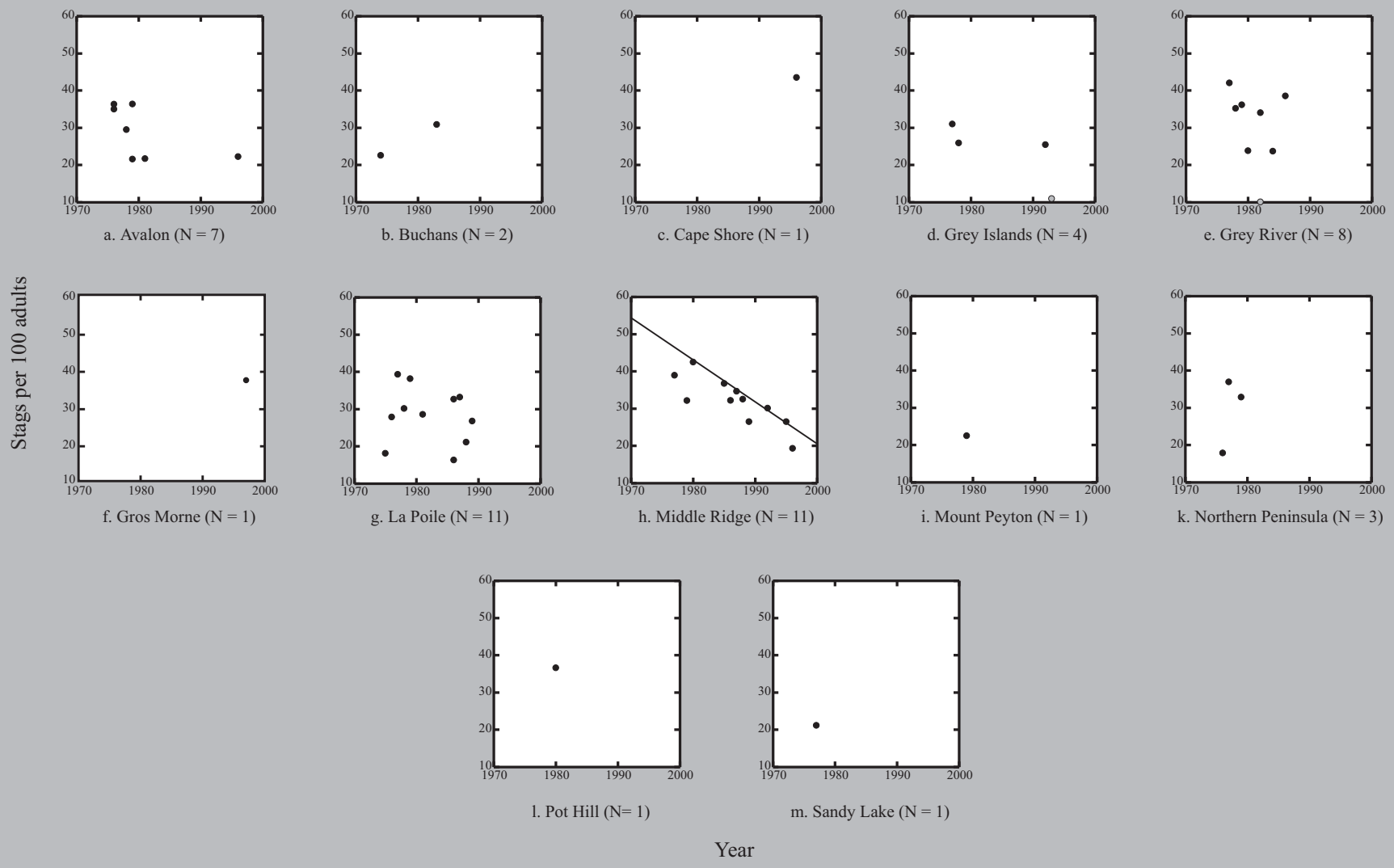


Fig. 14E-28. Regression of **stags per 100 adults**, as determined from winter composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

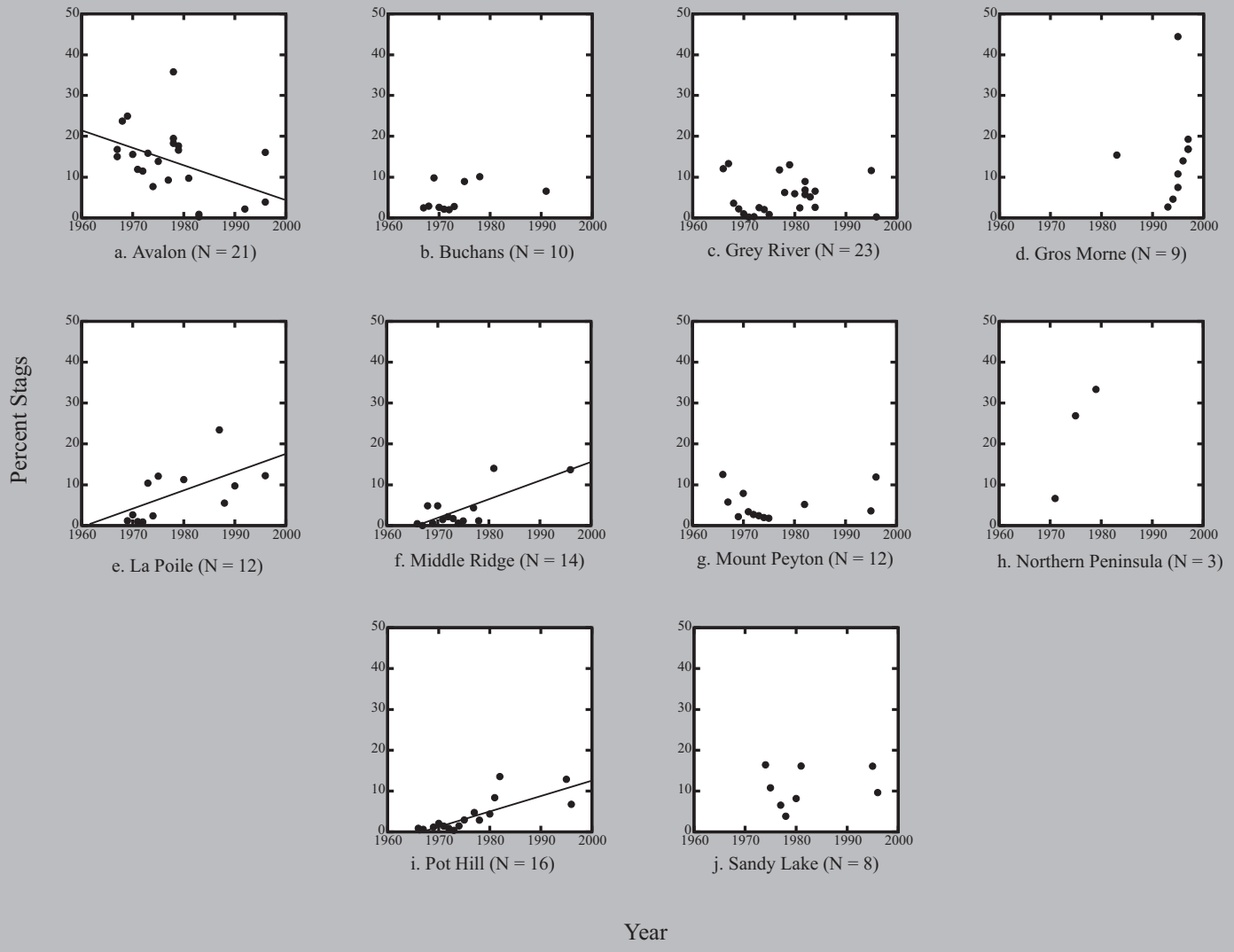


Fig. 14E-29. Regression of **percent stags**, as determined from spring composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

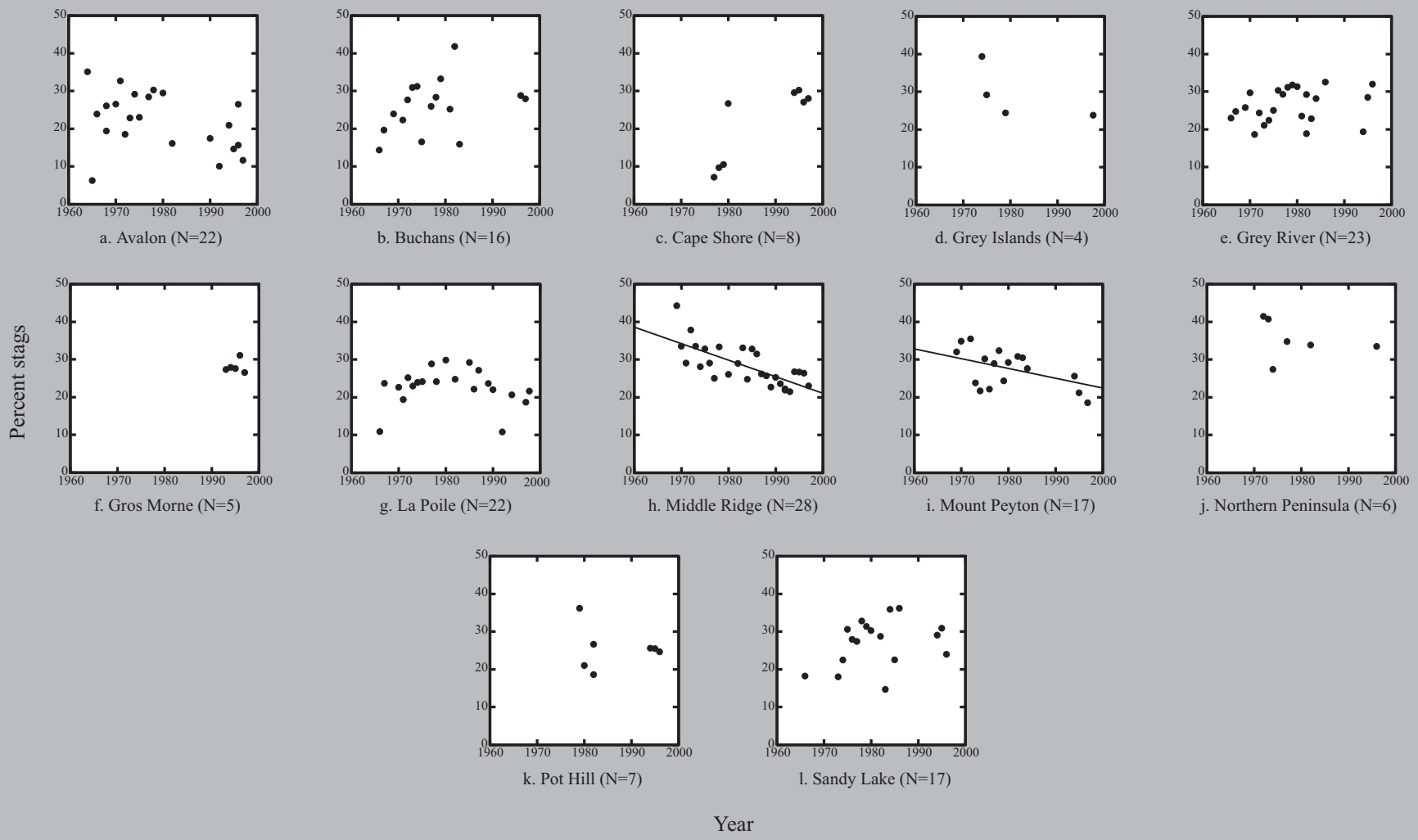


Fig. 14E-30. Regression of **percent stags**, as determined from fall composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

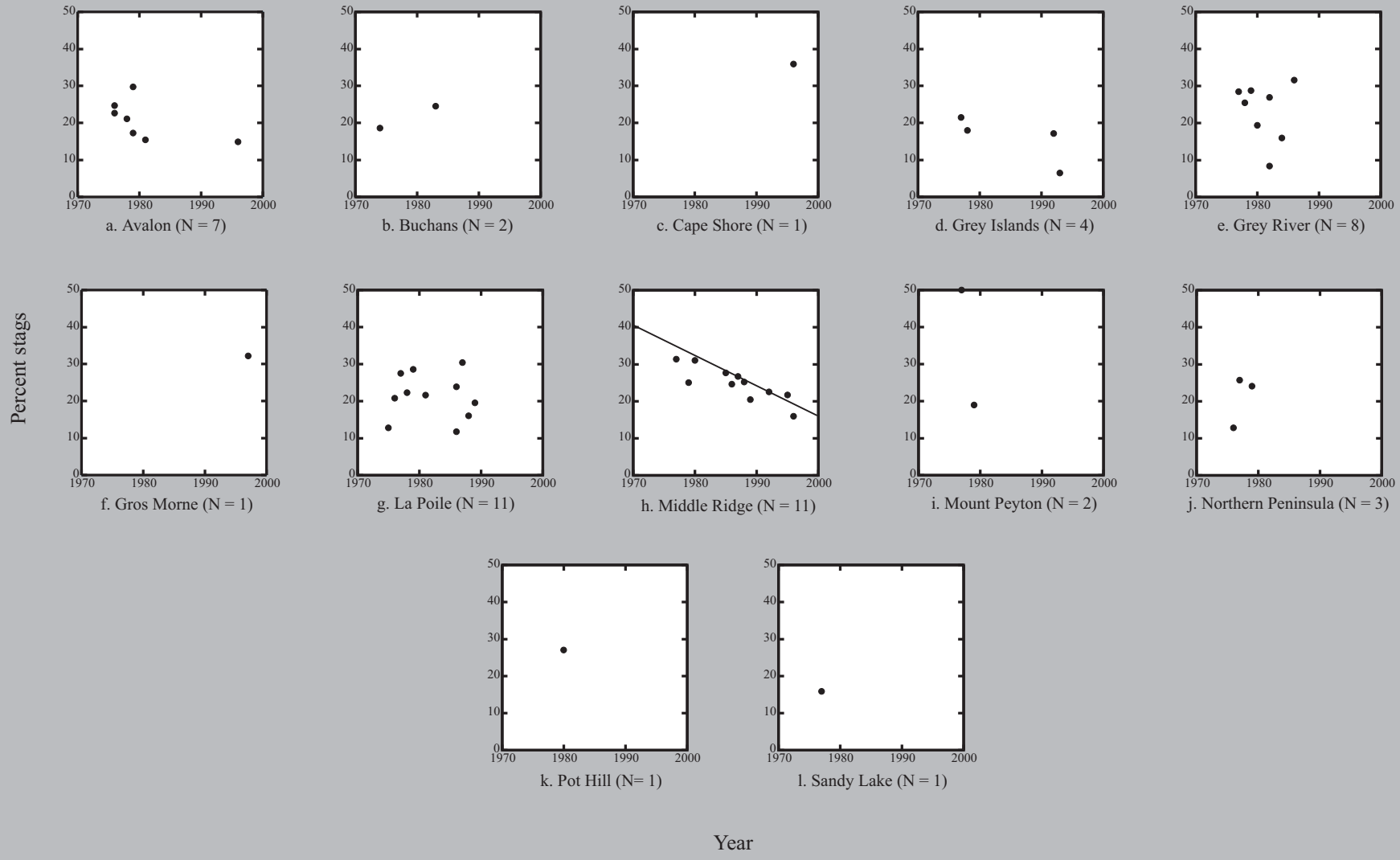
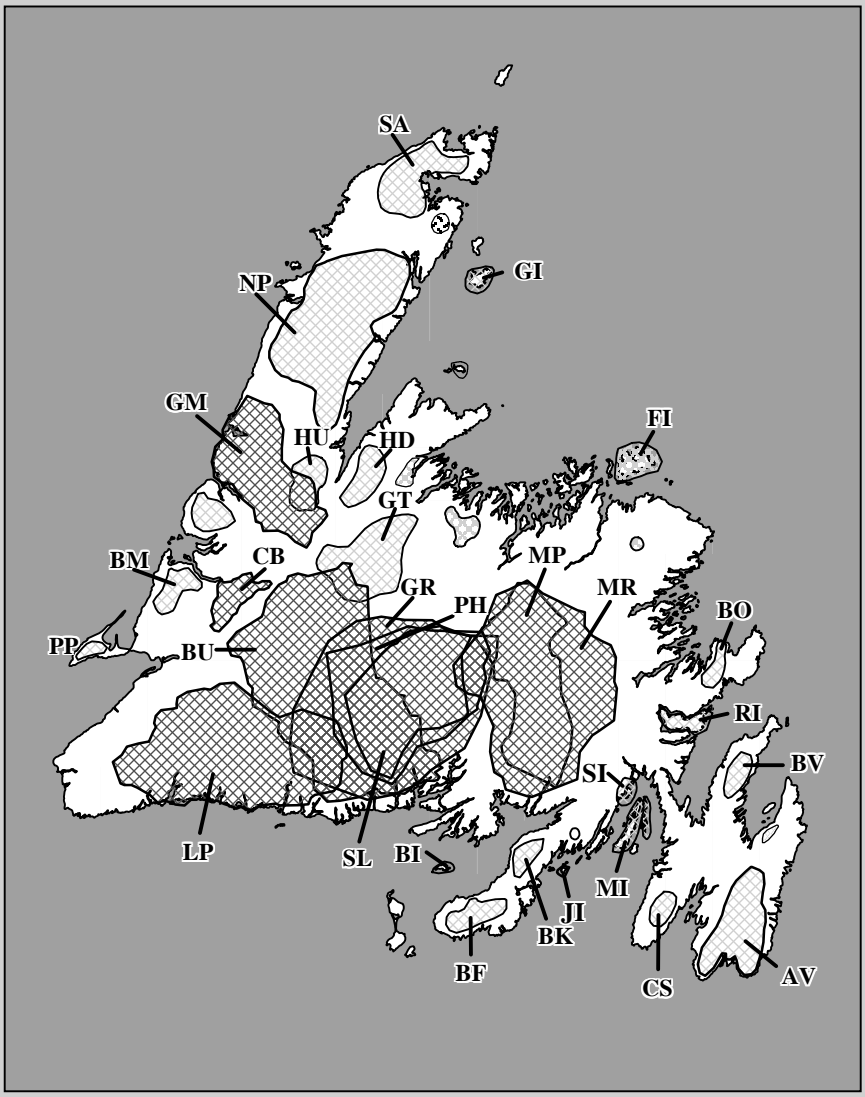


Fig. 14E-31. Regression of **percent stags**, as determined from winter composition surveys, on survey year for individual insular Newfoundland caribou herds. Regression lines are shown if the relationship was significant ($p < 0.05$).

Section 14F:

Relationship Between Weather and Productivity and Recruitment for Insular Newfoundland Caribou.



Caribou Herds

Avalon (AV)
Bay de Verde (BV)
Blow Me Down Mtn (BM)
Bonavista (BO)
Brunette Island (BI)
Burin Foot (BF)
Burin Knee (BK)
Buchans (BU)
Cape Shore (CS)
Corner Brook Lakes (CB)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
Hampden Downs (HD)
Humber (HU)
Jude Island (JI)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Northern Peninsula (NP)
Port au Port (PP)
Pot Hill (PH)
Random Island (RI)
Sandy Lake (SL)
Sound Island (SI)
St. Anthony (SA)

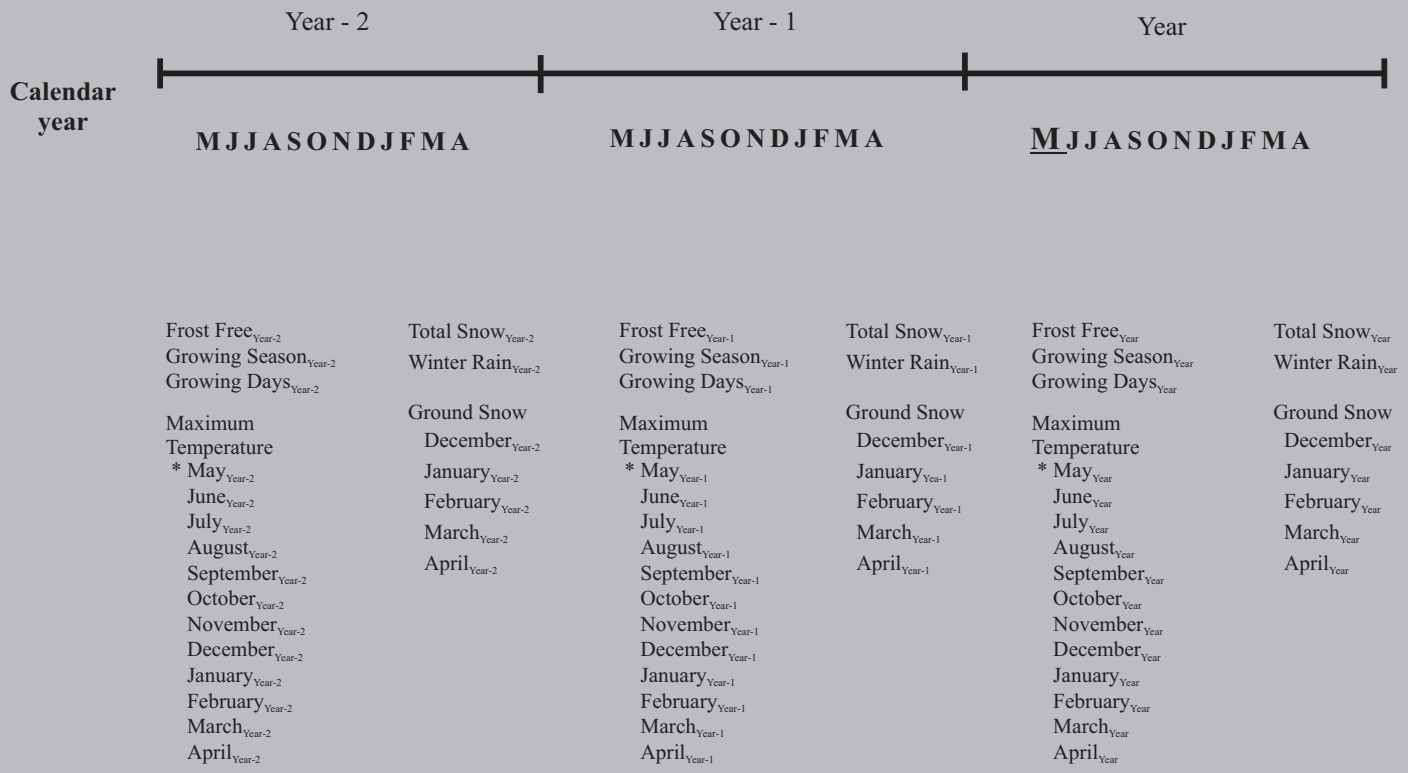


Fig. 14F-1. Weather variables used in the scatterplots and stepwise regression analyses of calf survival. Survival based on Radio Telemetry was estimated Annually (June 1 - April 30) and for Spring (June 1 - June 30), Summer (July 1 - September 30), Fall (October 1 - November 30) and Winter (December 1 - April 30). Survival based on Composition Surveys was estimated Annually (May 1 - April 30) and for Calving to Fall (May 1 - October 30) and Overwinter (October 1 - April 30). **MJJASONDJFMA** represent the months of a calendar year and **M** (May) represents the month of birth. * For Radio Telemetry survival estimates, calves were assigned a birth date of June 1. For Composition Survey survival estimates, calves were assigned a birth date of May 1. In all cases, a weather variable was removed from the stepwise regression analysis if there was missing data.

Table 14F-1. Relationship of Doe Productivity, determined from **spring** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds									
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	16	5	10	9	6	9	10	11	6	81
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls				various
Weather Indices										
(i) Maximum monthly temperature (°C)										
May_{y-2}			**S-6**			**S-1**	**S-2**			**S-2**
$June_{y-2}$						**S-2**				
$July_{y-2}$		n/a								
$Aug._{y-2}$		n/a			**S-4**					
$Sept._{y-2}$		n/a								
$Oct._{y-2}$		n/a								
$Nov._{y-2}$		n/a	**S-3**				**S-4**			
$Dec._{y-2}$		n/a	**S-2**		**S-5**					
$Jan._{y-2}$		n/a								
$Feb._{y-2}$		n/a		**S-1**	**S-2**			**S-6**		
$March_{y-2}$		n/a					**S-6**			n/a
$April_{y-2}$		n/a				n/a	n/a	n/a		
May_{y-1}								**S-5**		
$June_{y-1}$		**S-2**								
$July_{y-1}$				n/a						
$Aug._{y-1}$				n/a						
$Sept._{y-1}$				n/a						
$Oct._{y-1}$				n/a						
$Nov._{y-1}$	**S-1**			n/a			**S-5**			
$Dec._{y-1}$				n/a		**S-3**				
$Jan._{y-1}$				n/a						
$Feb._{y-1}$				n/a		n/a	n/a	n/a	**S-1**	n/a
$March_{y-1}$				n/a	**S-1**					
$April_{y-1}$		n/a		n/a				**S-1**		n/a
May_{y}		**B-1**	**S-4**	n/a			**S-3**			n/a
$June_{y}$	**B-1**	n/a	**S-1**; **B-1**	n/a	**S-3**		**S-1**; **B-1**			n/a
$July_{y}$		n/a		n/a				**B-1**		n/a

Table 14F-1 (con'd). Relationship of Doe Productivity, determined from spring composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds									
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	16	5	10	9	6	9	10	11	6	81
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls				various
Weather Indices										
(ii) Frost free period (days)										
y-2	n/a			n/a					**S-3**	**S-2**
y-1	n/a			n/a						
(iii) Growing degree days (days)										
y-2				n/a				**S-2**		
y-1	**S-4**	**S-1**		n/a				n/a	n/a	
(iv) Growing season length (days)										
y-2	n/a		**S-5**						**S-2**	
y-1	n/a			n/a						
(v) Snow depth (cm) on the ground on the last day of the month										
$Dec._{y-2}$				n/a		n/a	n/a	n/a	n/a	n/a
$Jan._{y-2}$		n/a		**S-1**		n/a	n/a	n/a	n/a	n/a
$Feb._{y-2}$		n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
$March_{y-2}$		n/a				n/a	n/a	n/a	n/a	n/a
$April_{y-2}$		n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a
$Dec._{y-1}$			**S-7**	n/a		n/a	n/a	n/a	n/a	n/a
$Jan._{y-1}$				n/a		n/a	n/a	n/a	n/a	n/a
$Feb._{y-1}$		**S-3**		n/a		n/a	n/a	n/a	n/a	n/a
$March_{y-1}$		n/a		n/a		n/a	n/a	n/a	n/a	n/a
$April_{y-1}$		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
(vi) Total snowfall (cm)										
y-2				n/a				**S-7**		
y-1	**S-3**			n/a		**S-4**		**S-3**		n/a
(vii) Winter rainfall (days)										
y-2	n/a									
y-1	**S-2**			n/a				**S-4**		

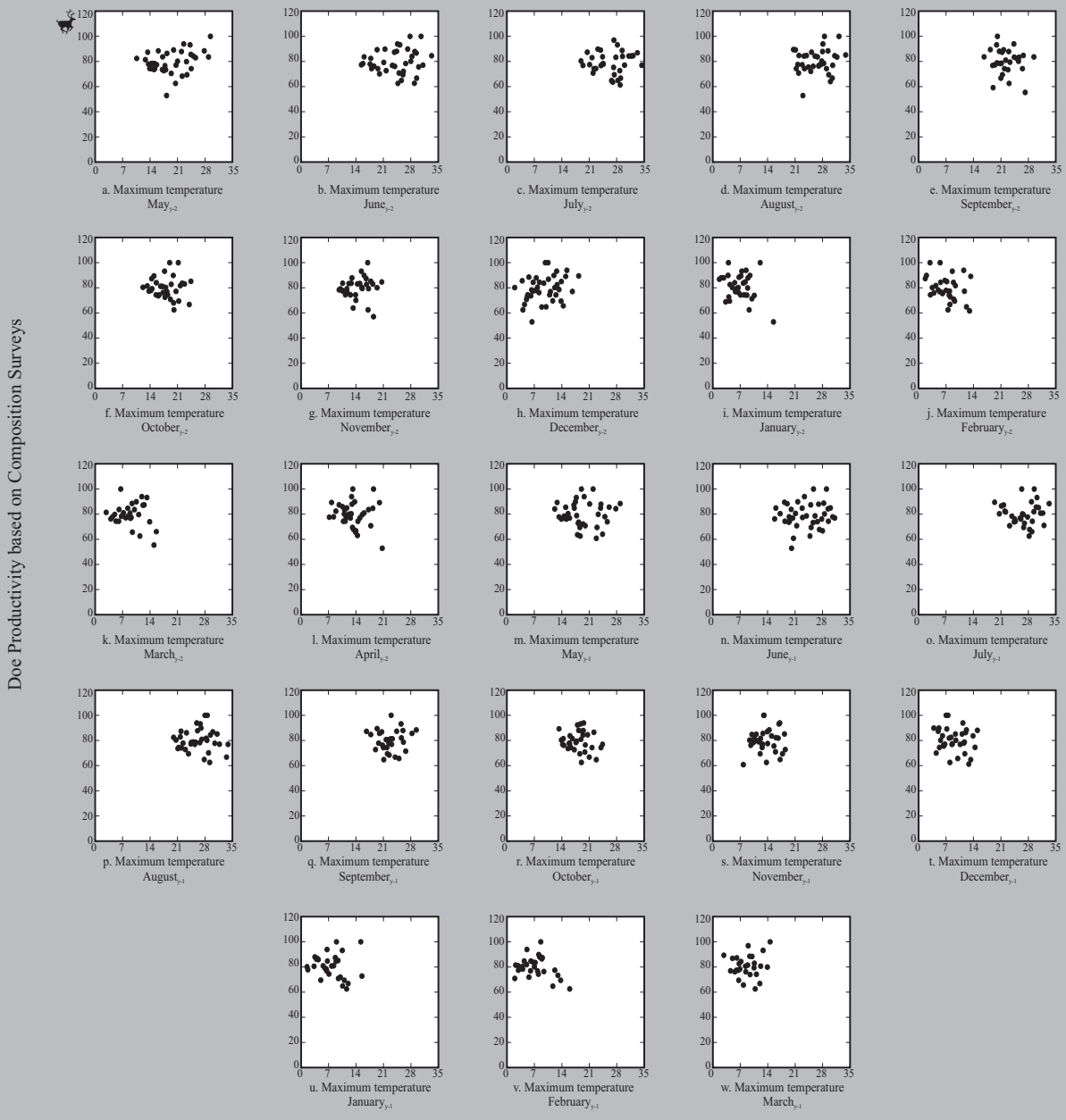


Fig. 14F-2A. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for all caribou herds combined; where indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □ , a significant relationship in the simple linear regression analysis.

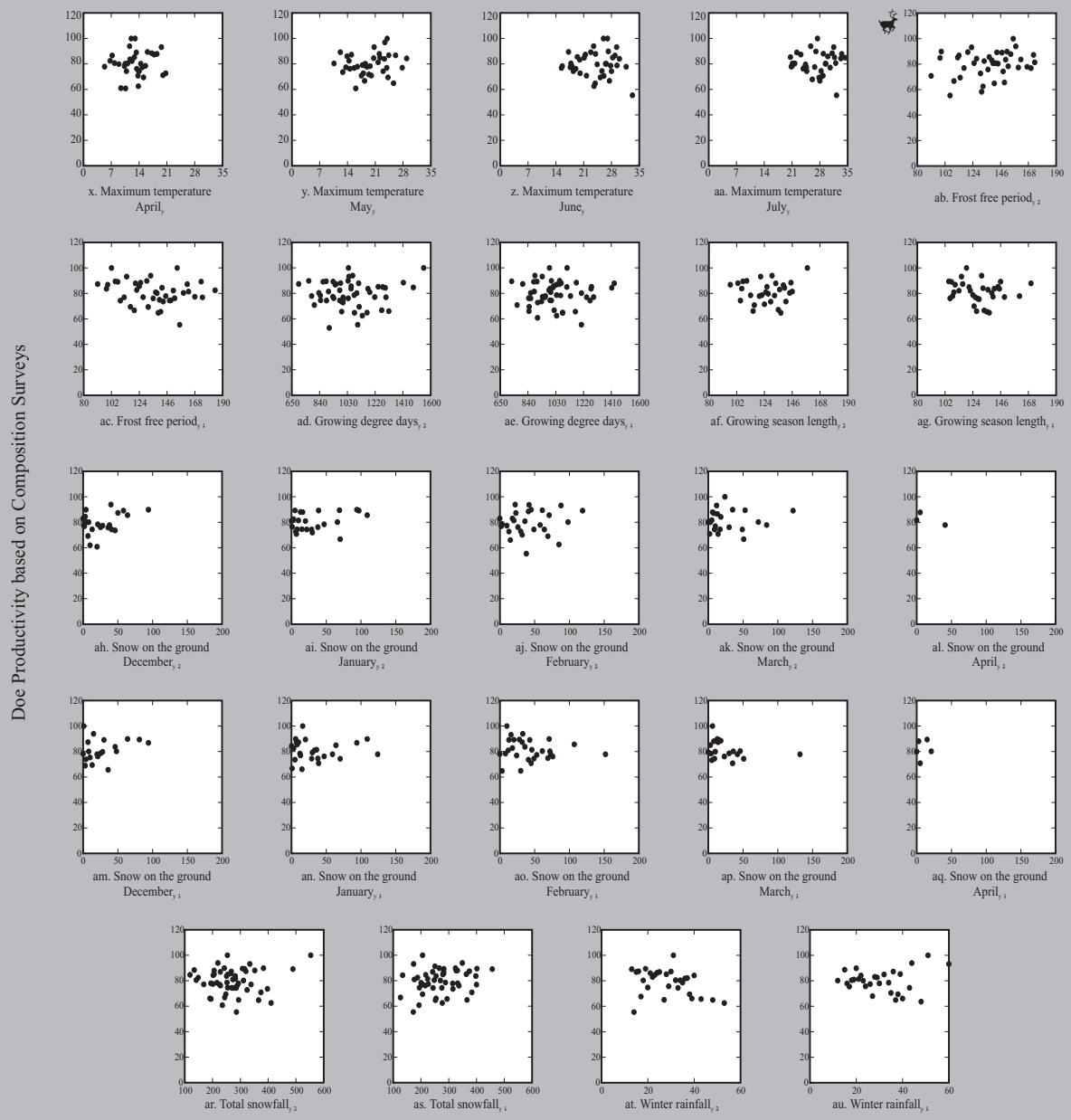


Fig. 14F-2A (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

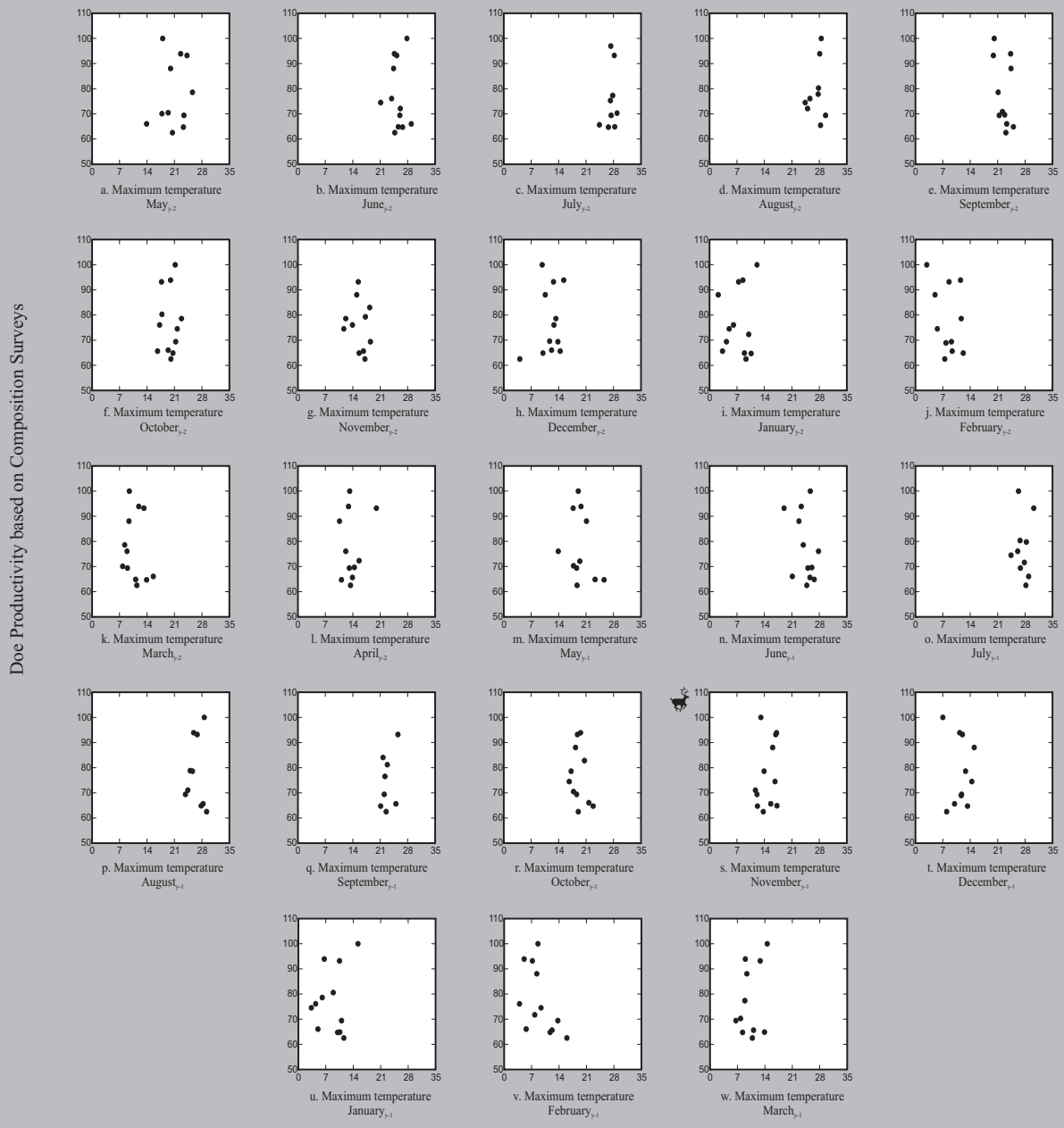


Fig. 14F-2B. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

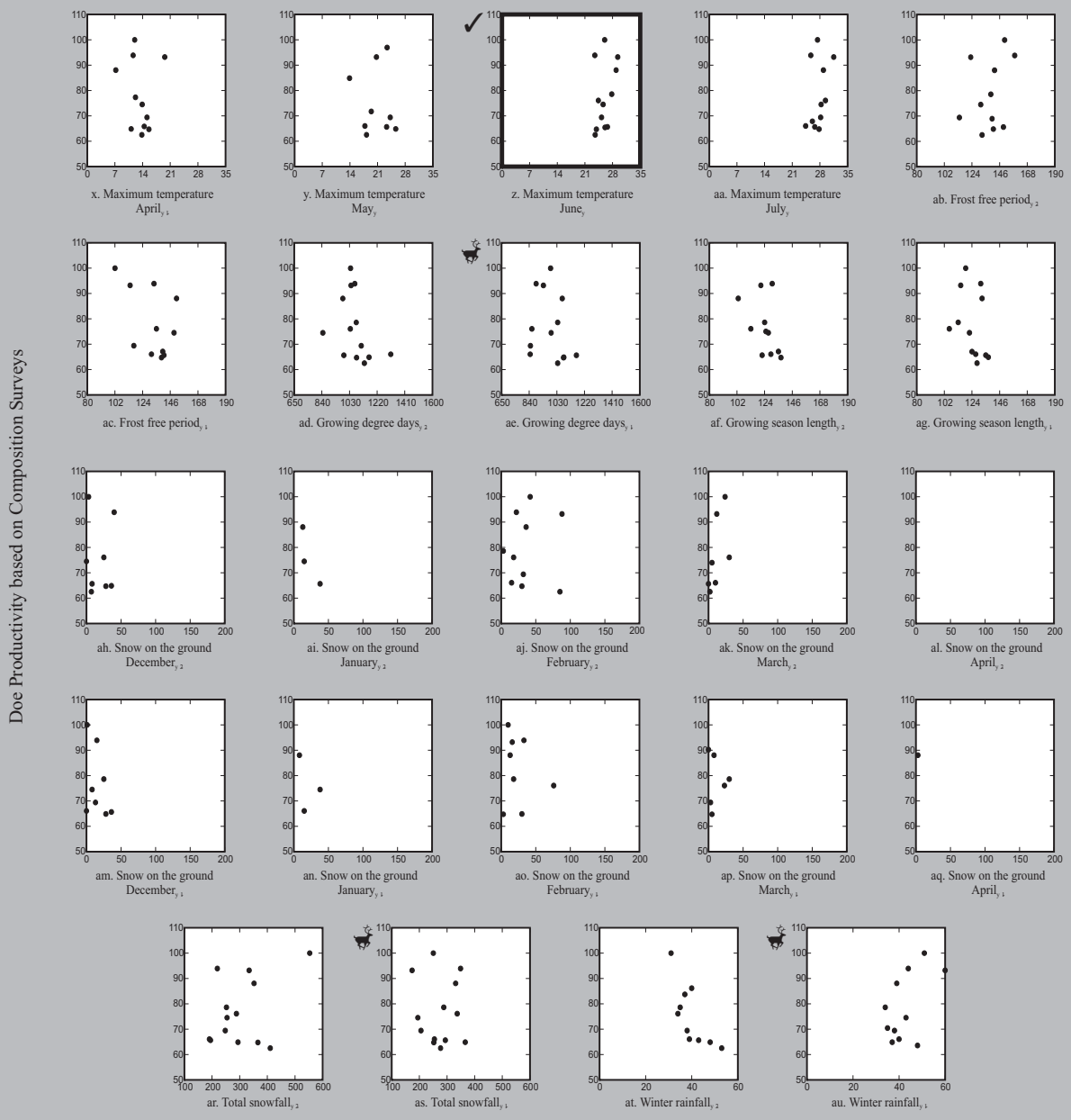


Fig. 14F-2B (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

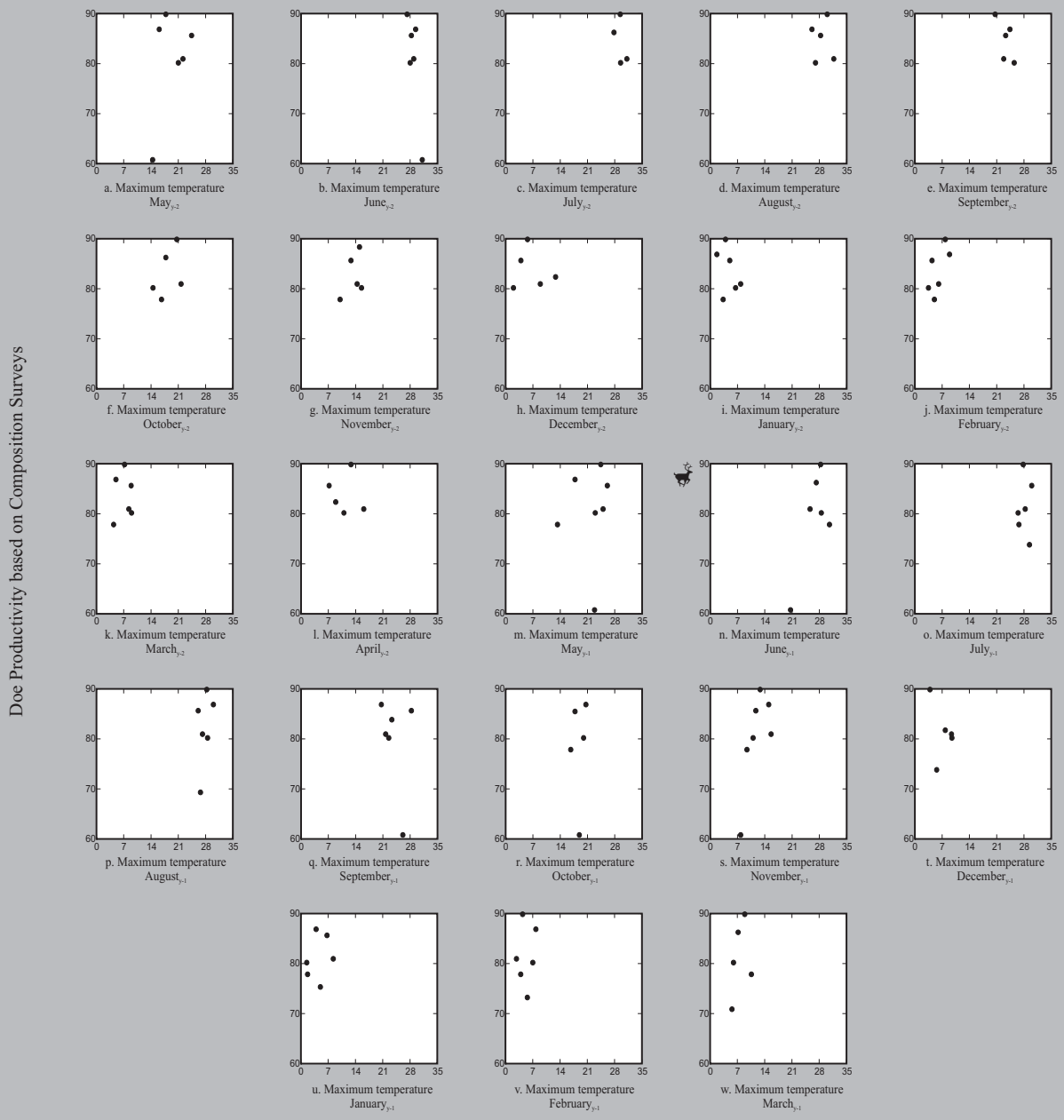


Fig. 14F-2C. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

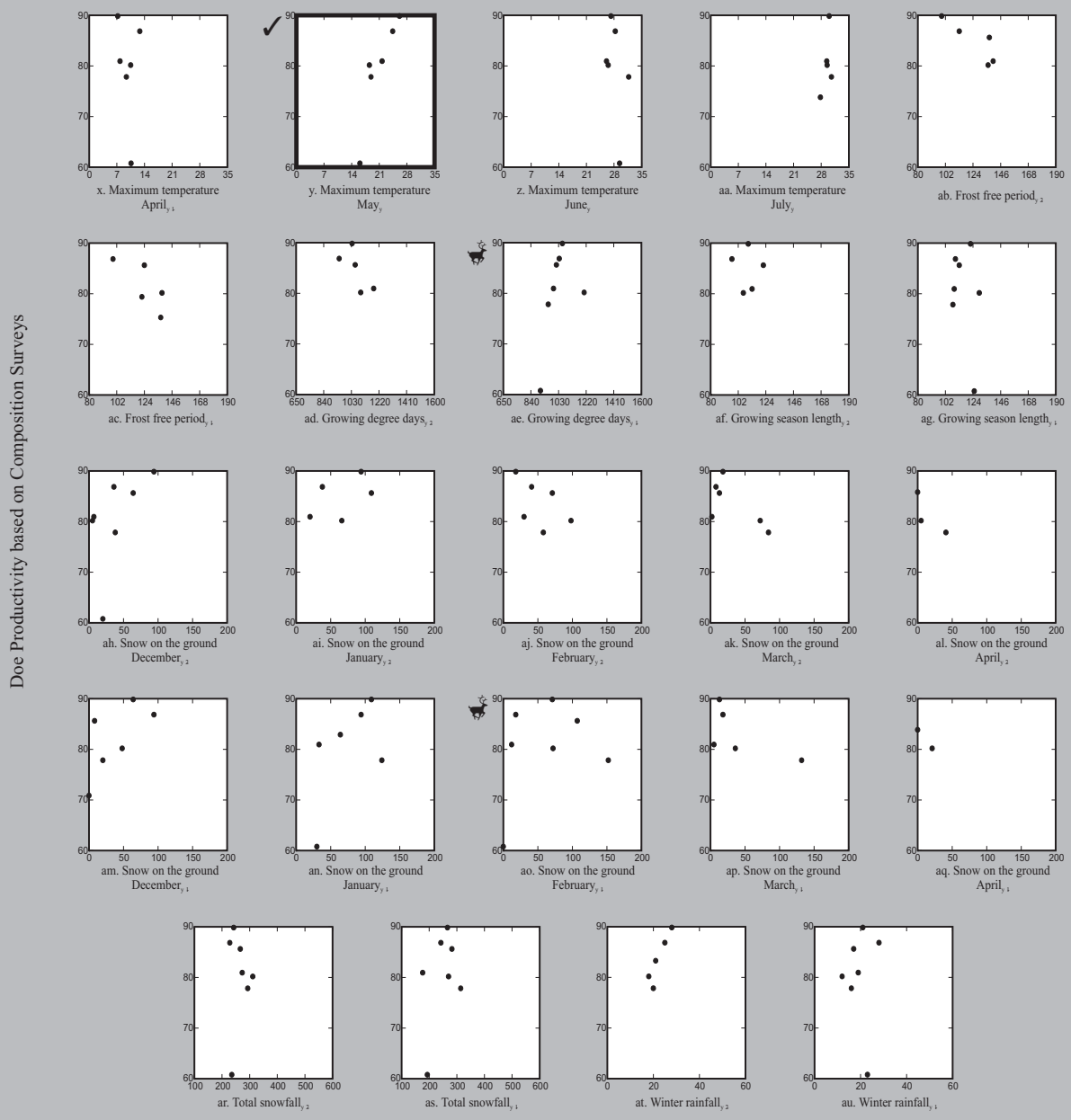


Fig. 14F-2C (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

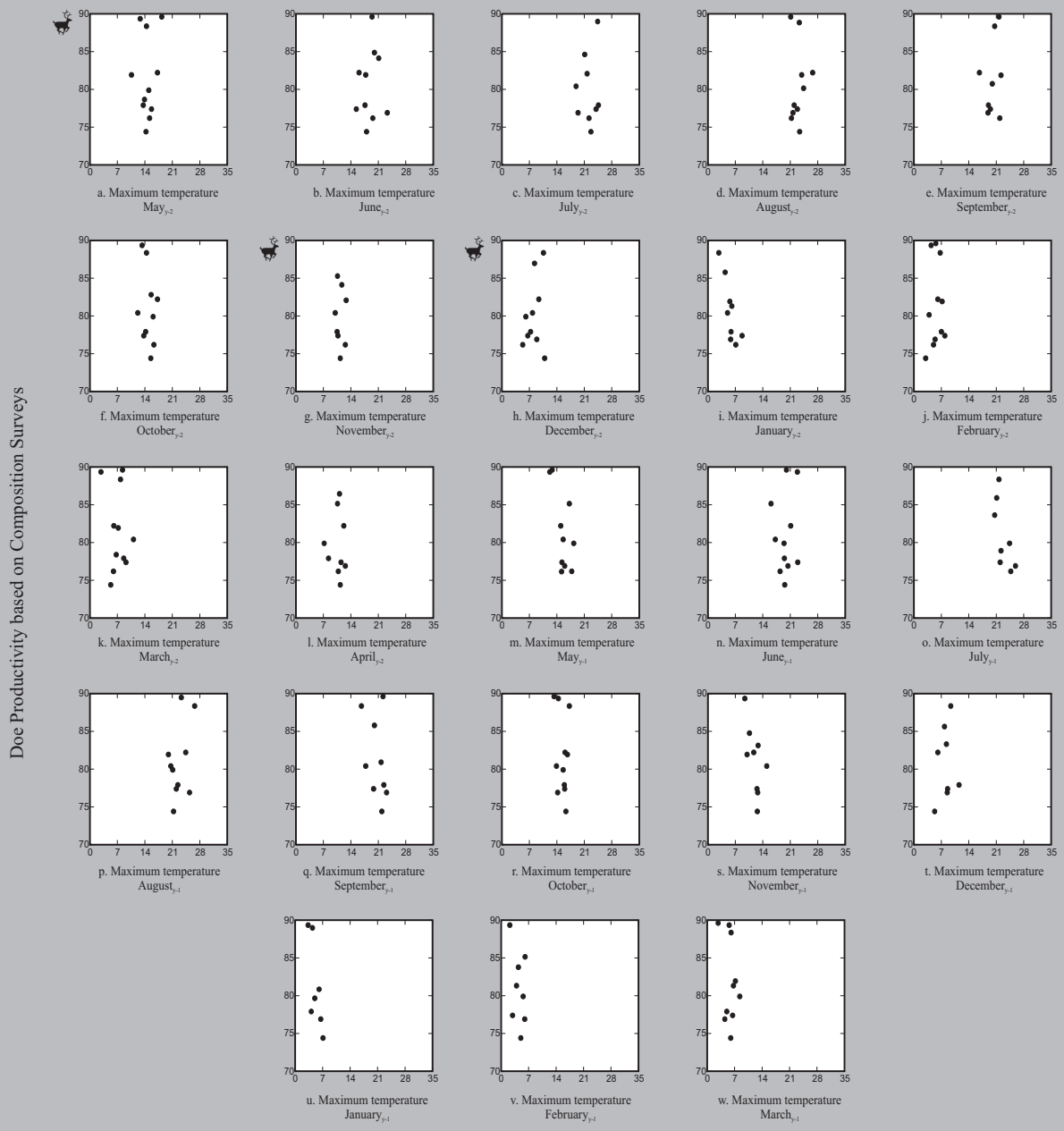


Fig. 14F-2D. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

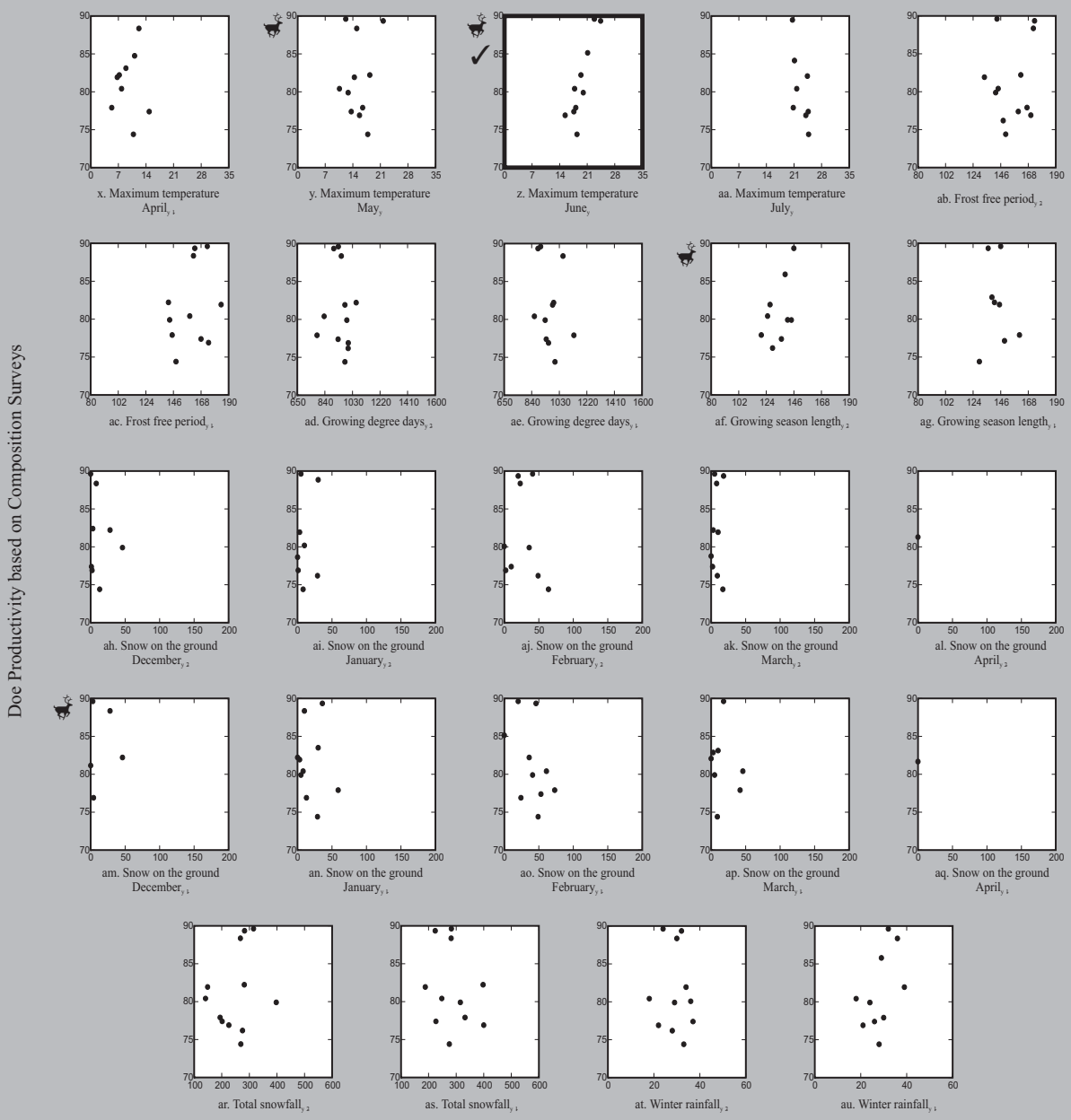


Fig. 14F-2D (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

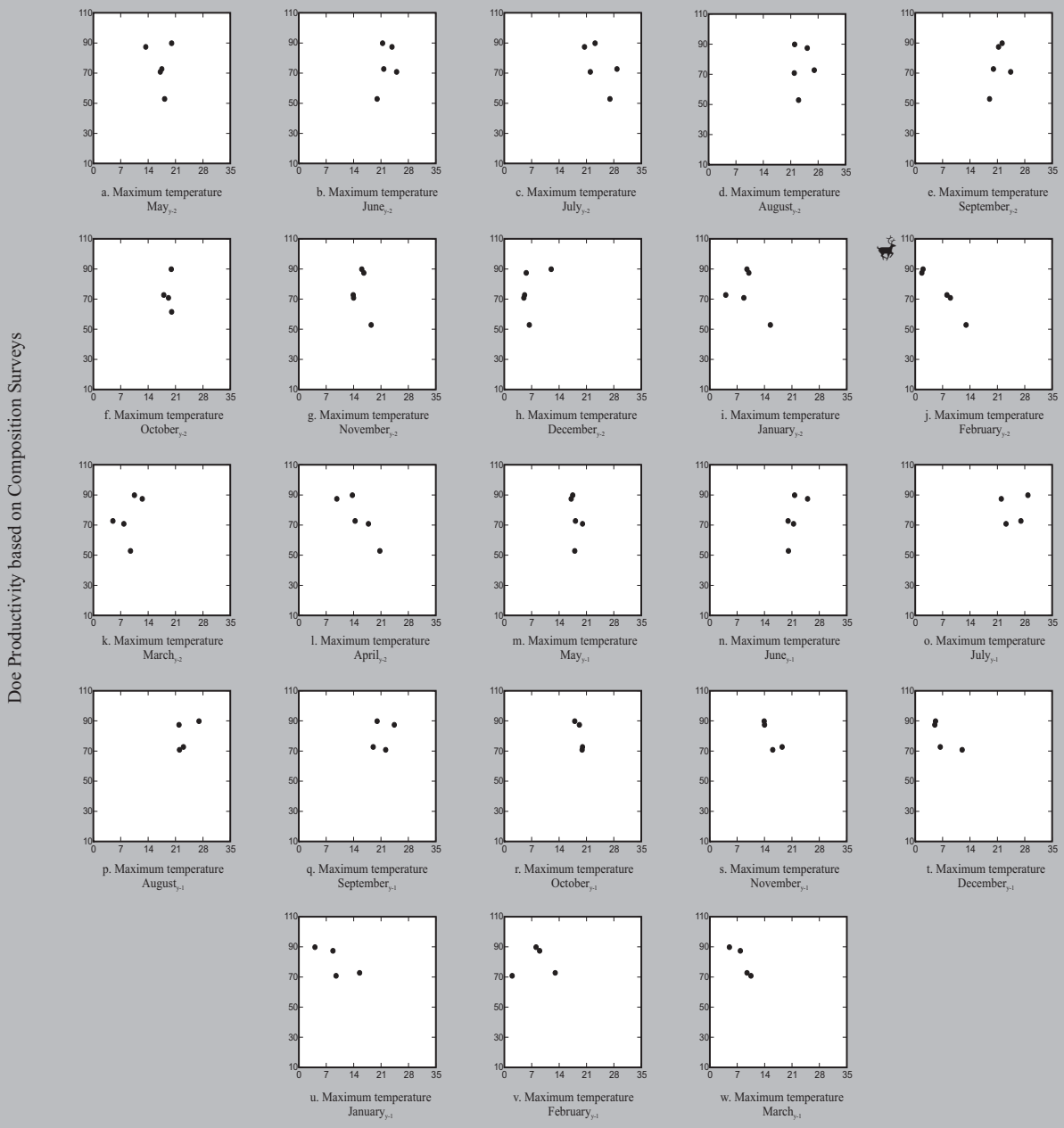


Fig. 14F-2E. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

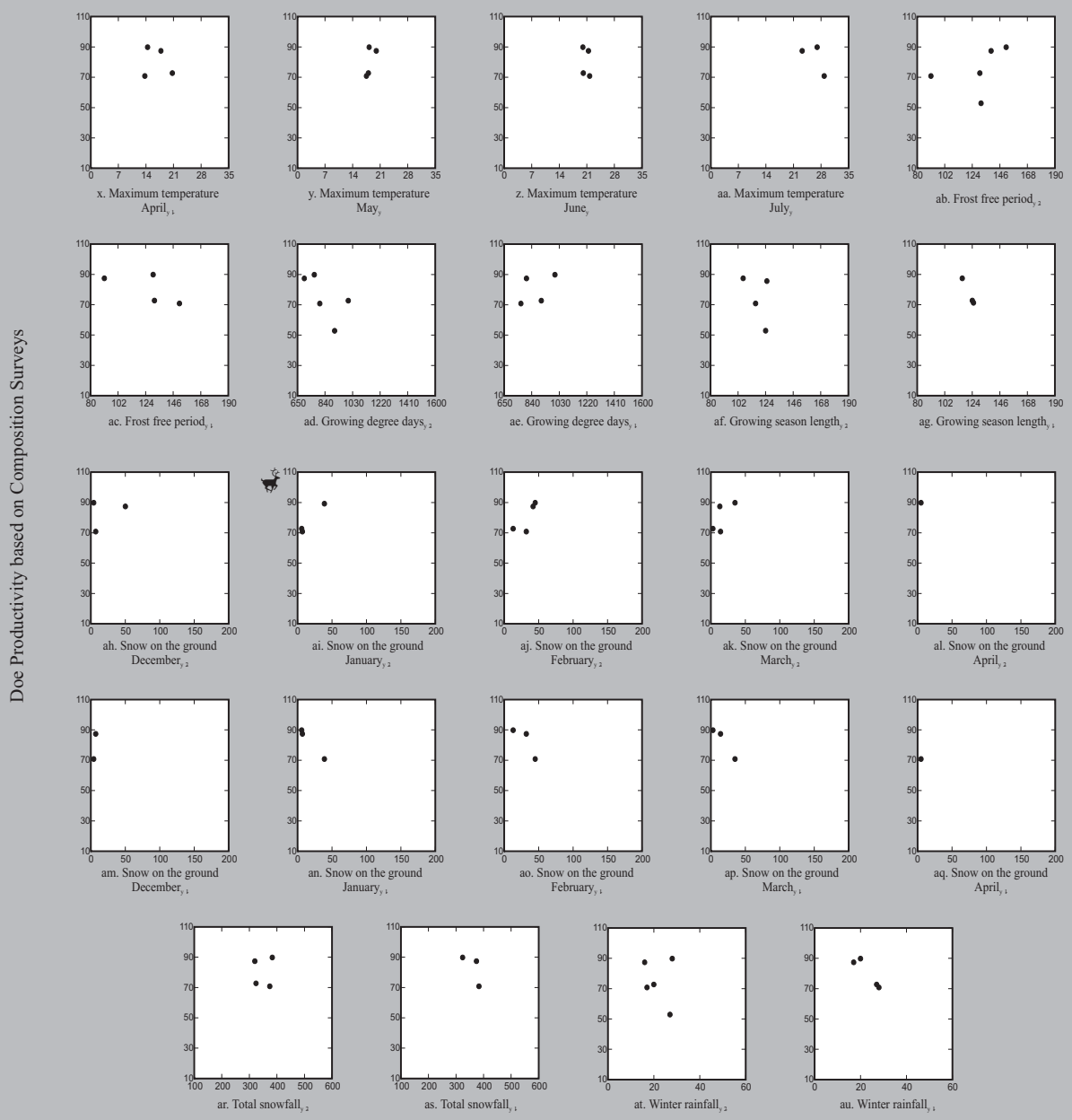


Fig. 14F-2E (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

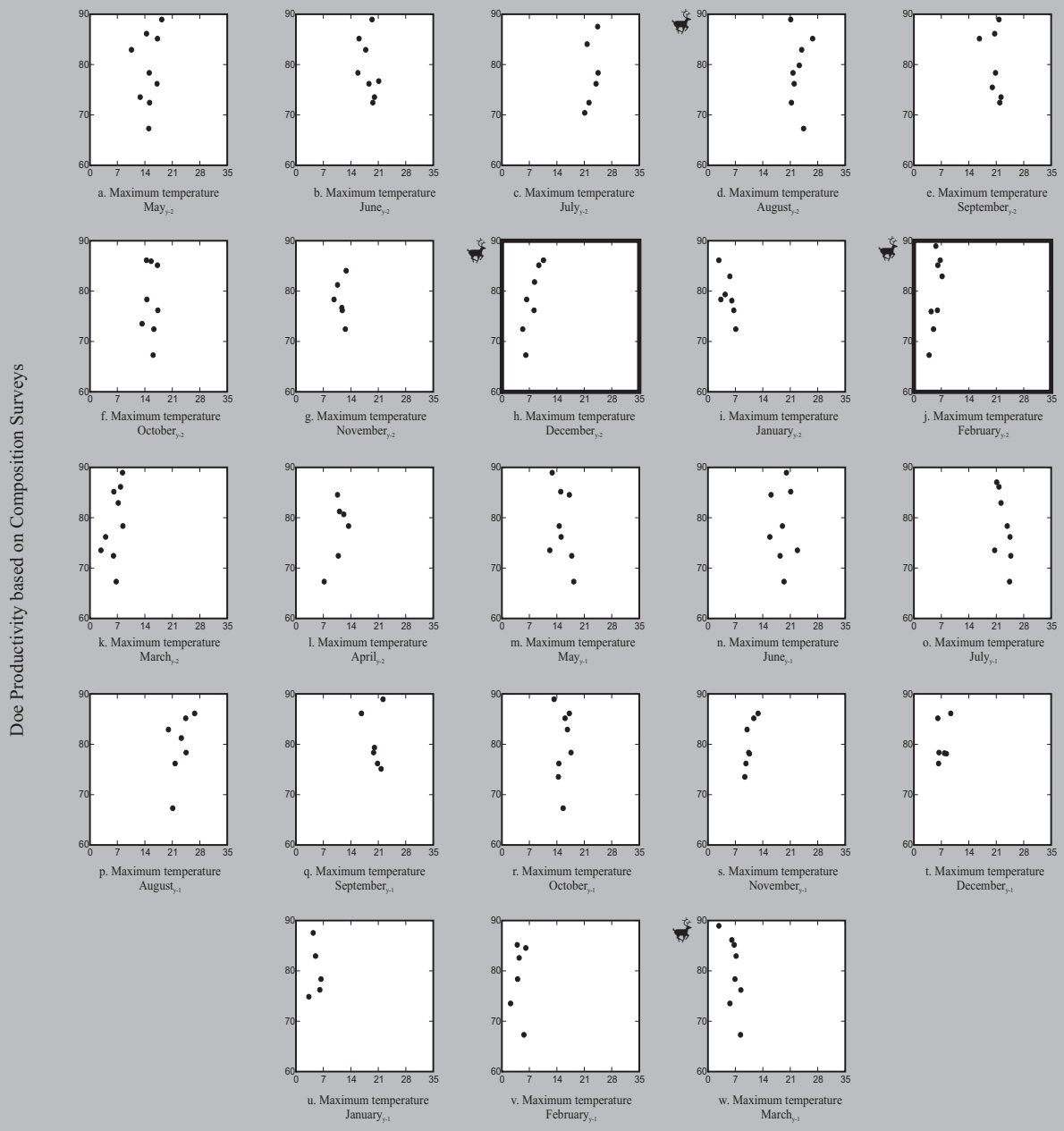


Fig. 14F-2F. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

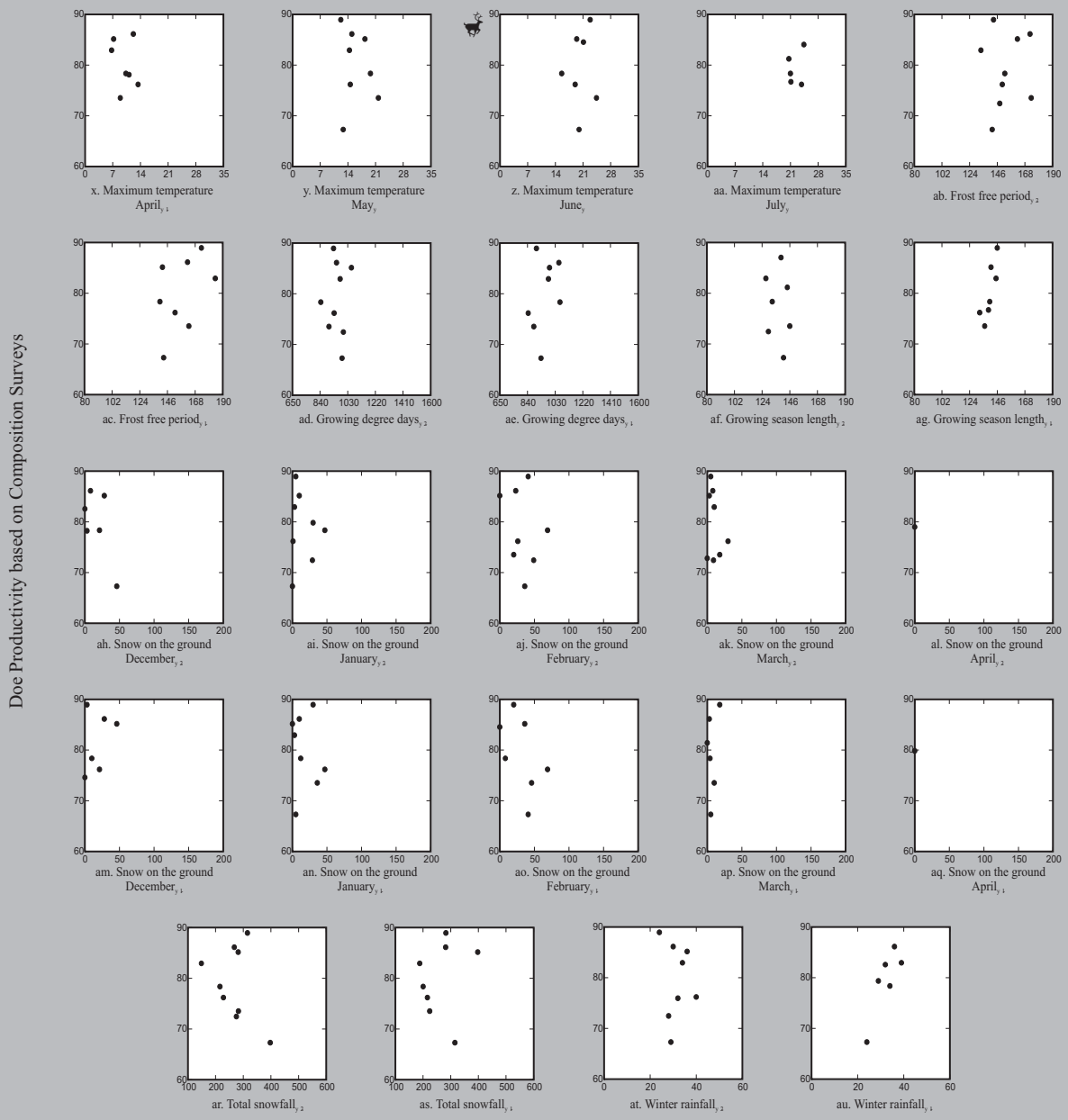


Fig. 14F-2F (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

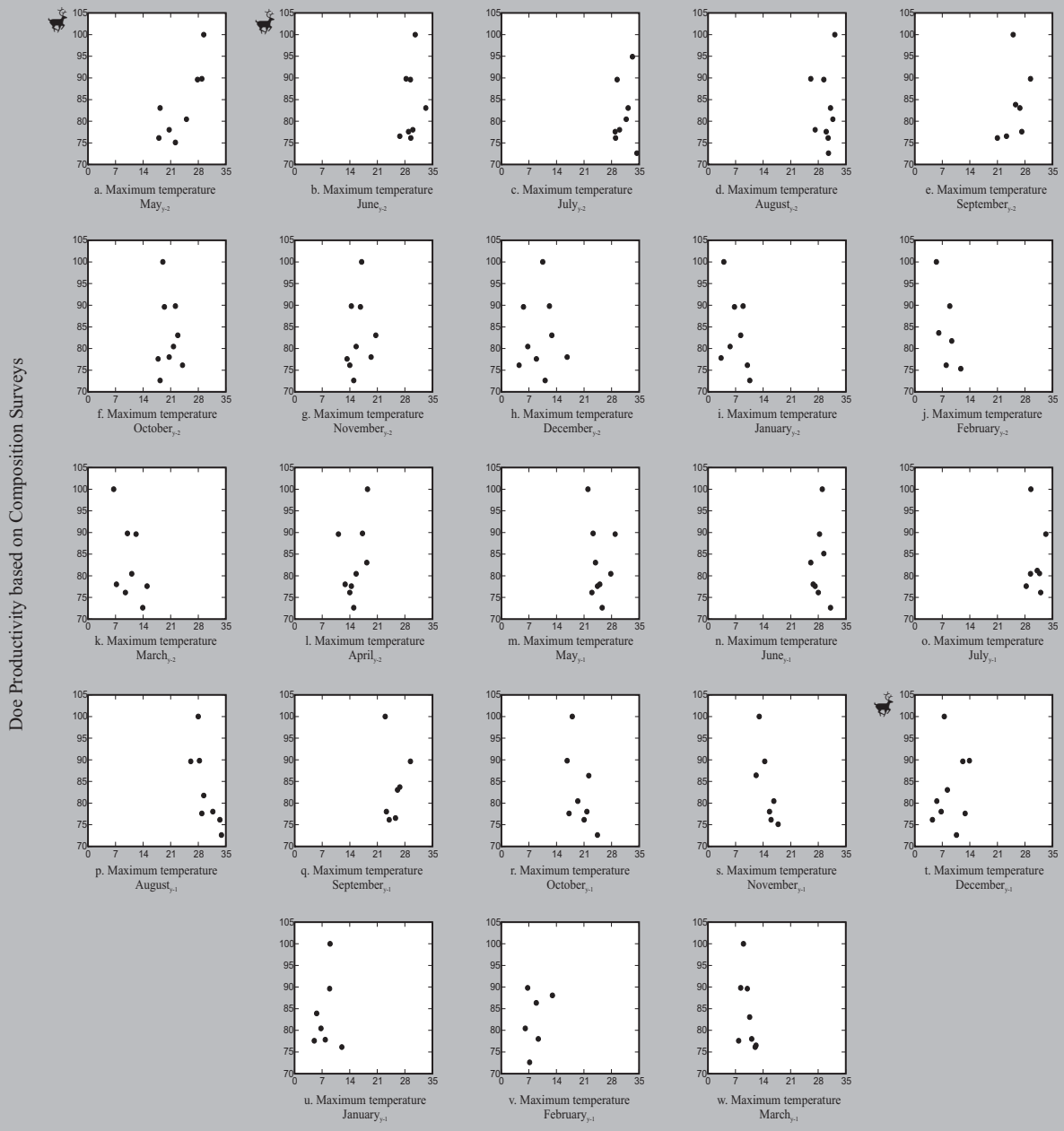


Fig. 14F-2G. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

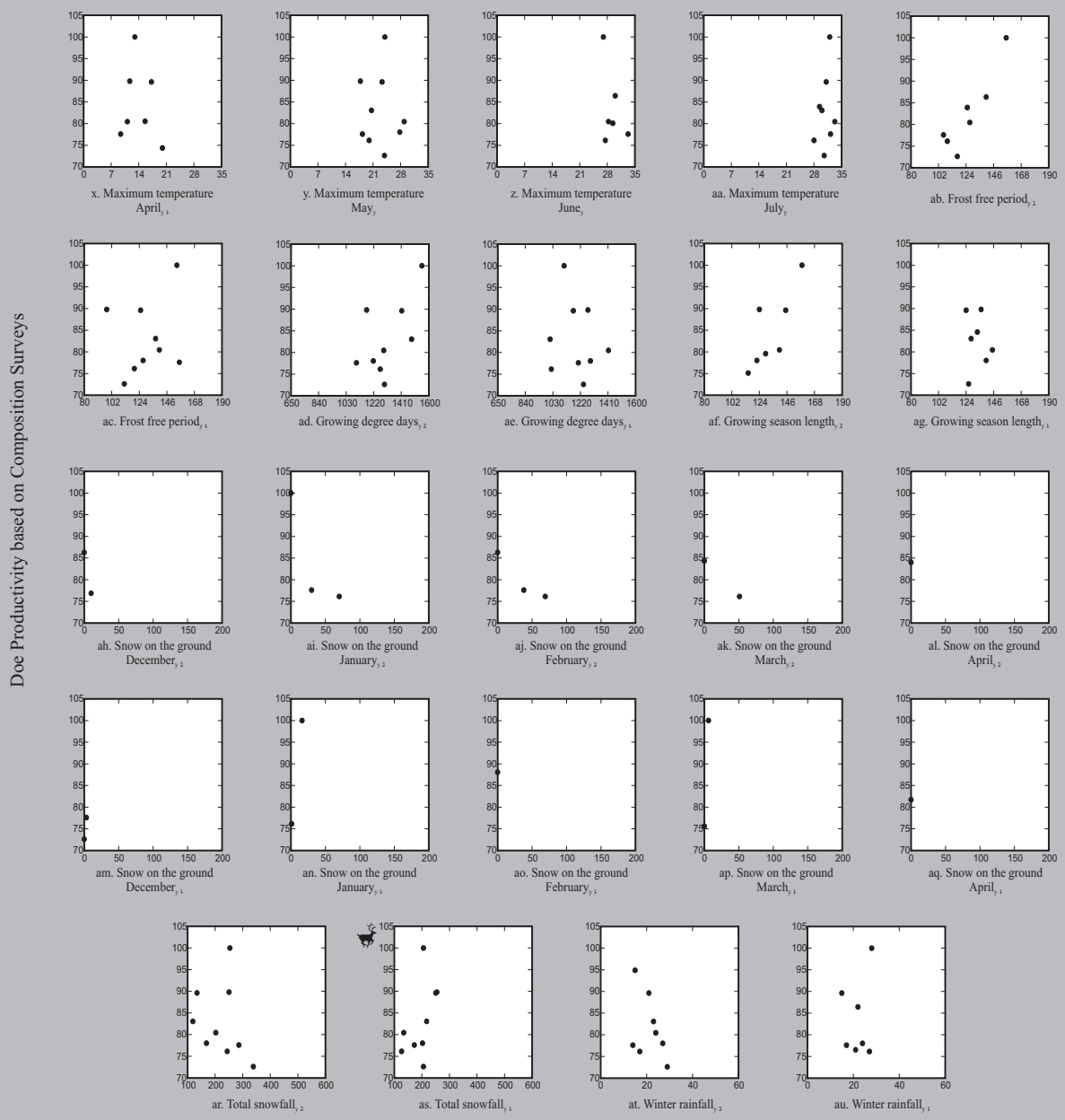


Fig. 14F-2G (con'd): Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

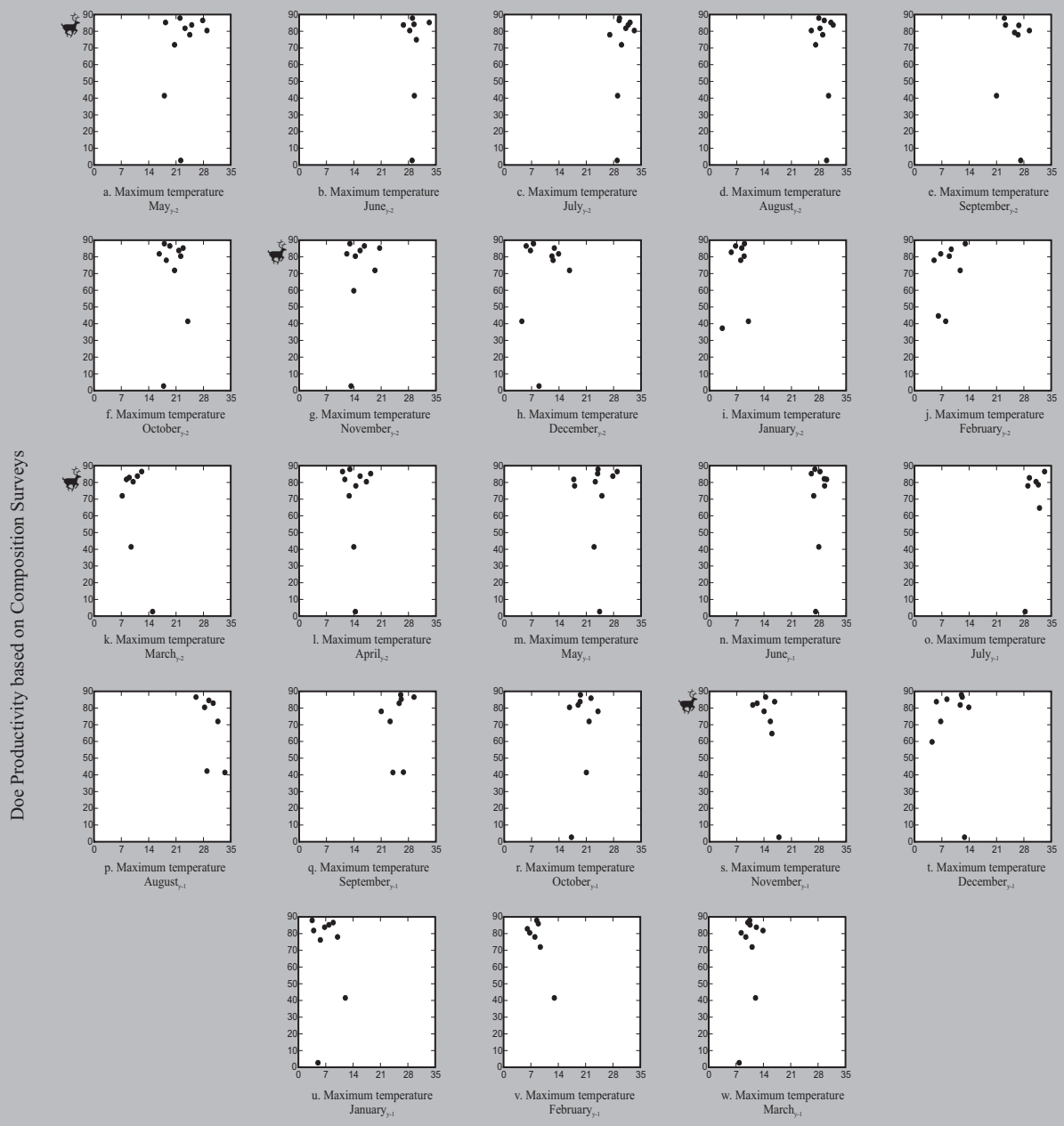


Fig. 14F-2H. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

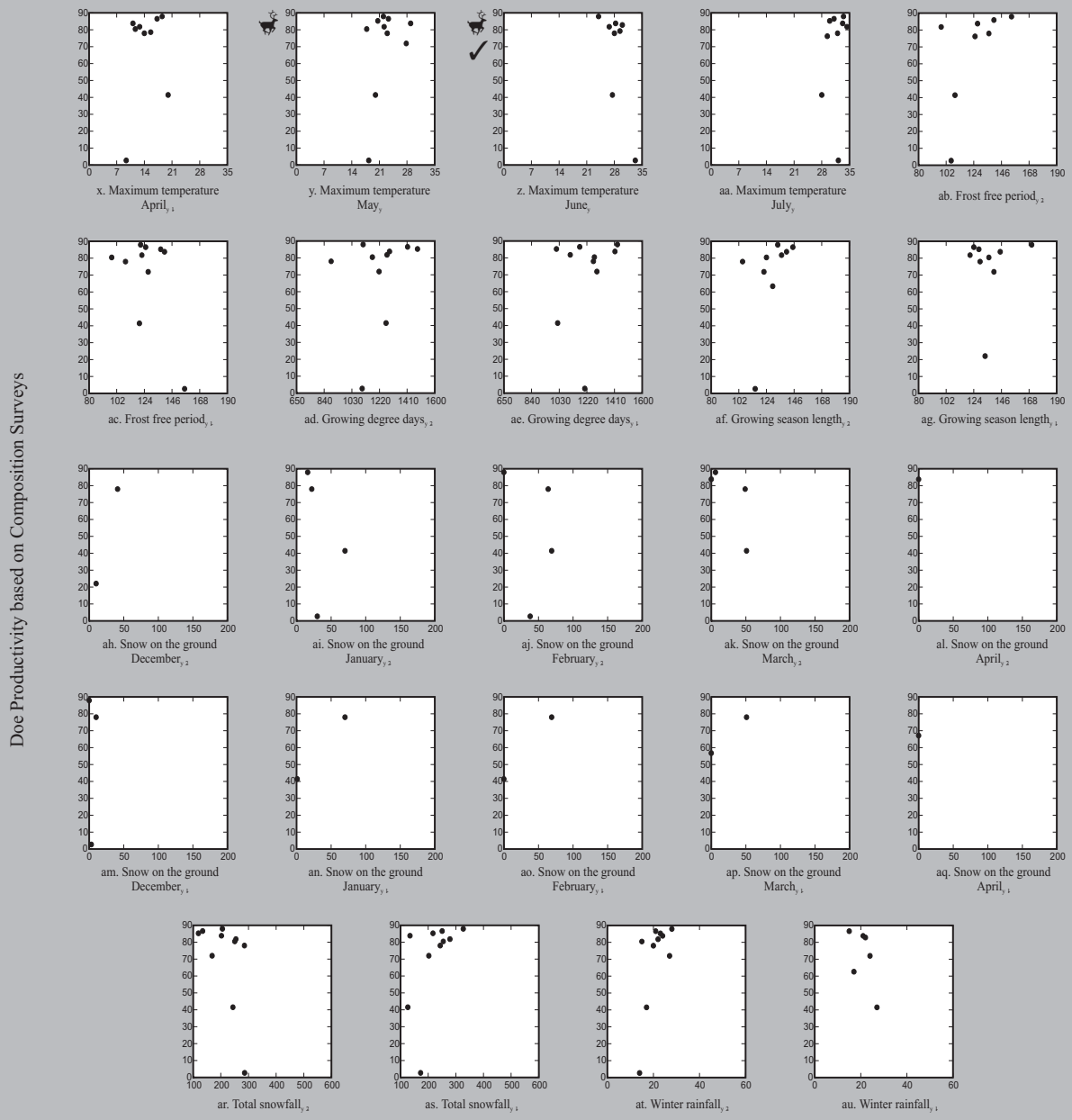


Fig. 14F-2H (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

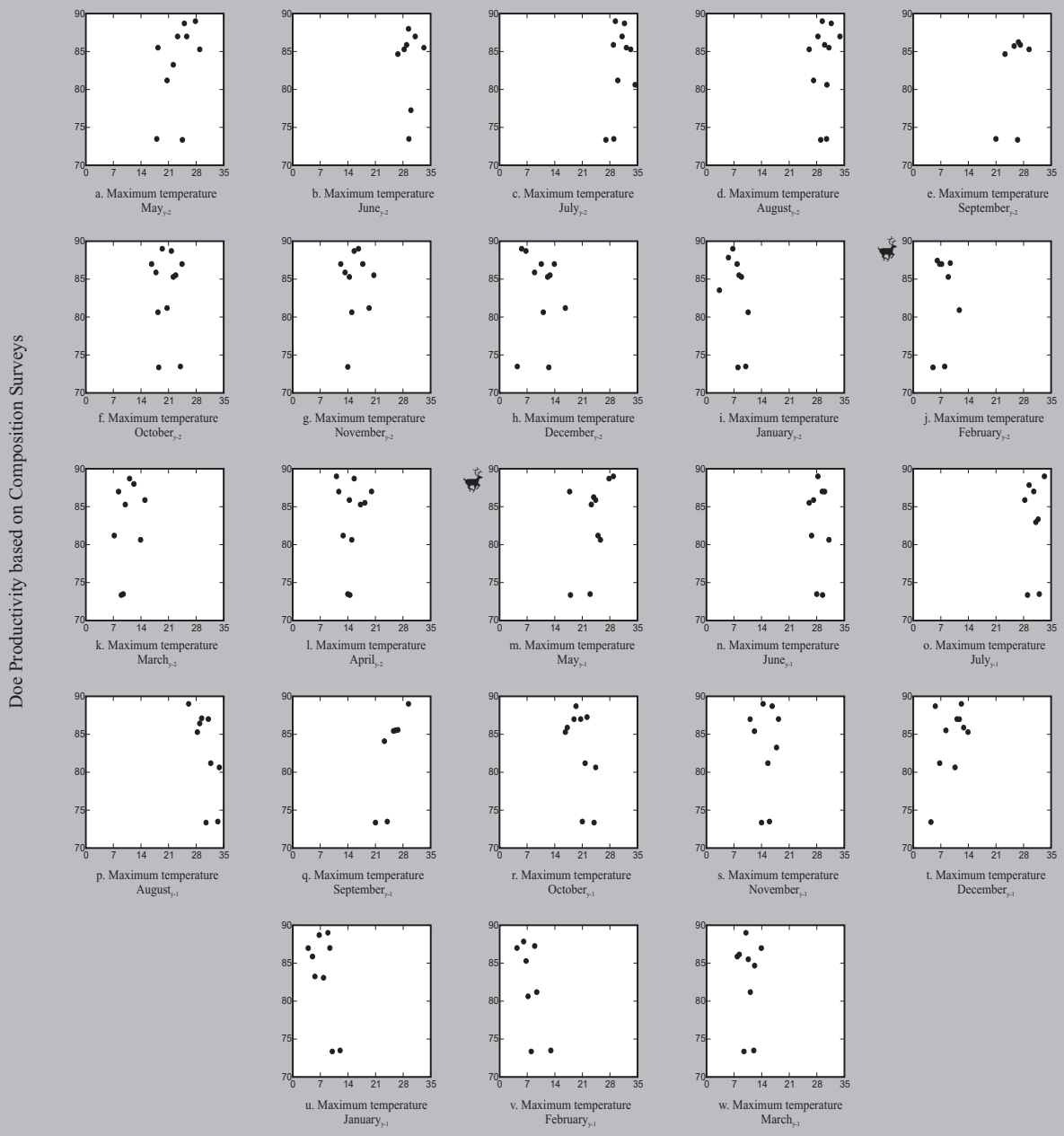


Fig. 14F-2I. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

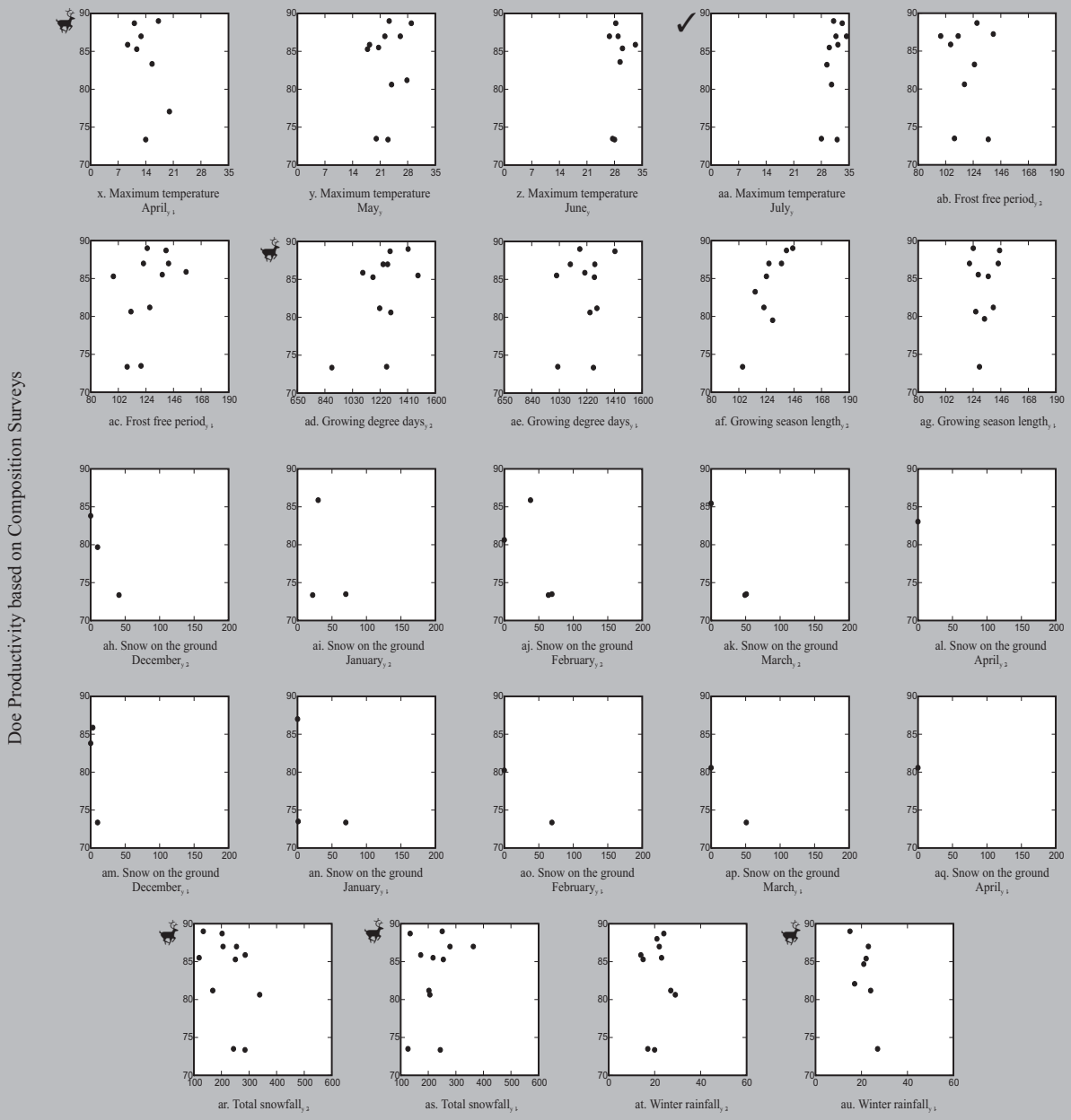


Fig. 14F-2I (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

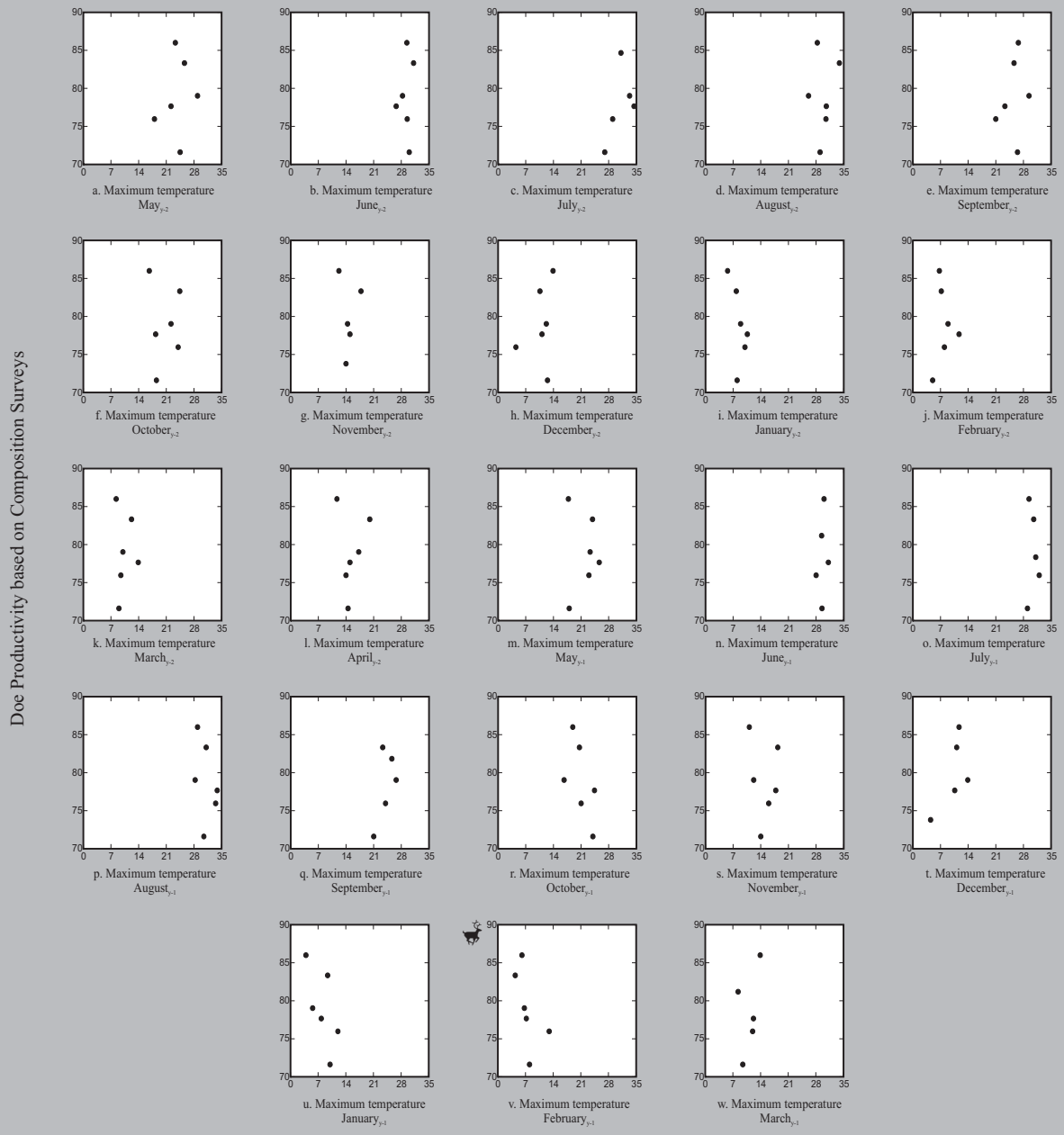


Fig. 14F-2J. Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

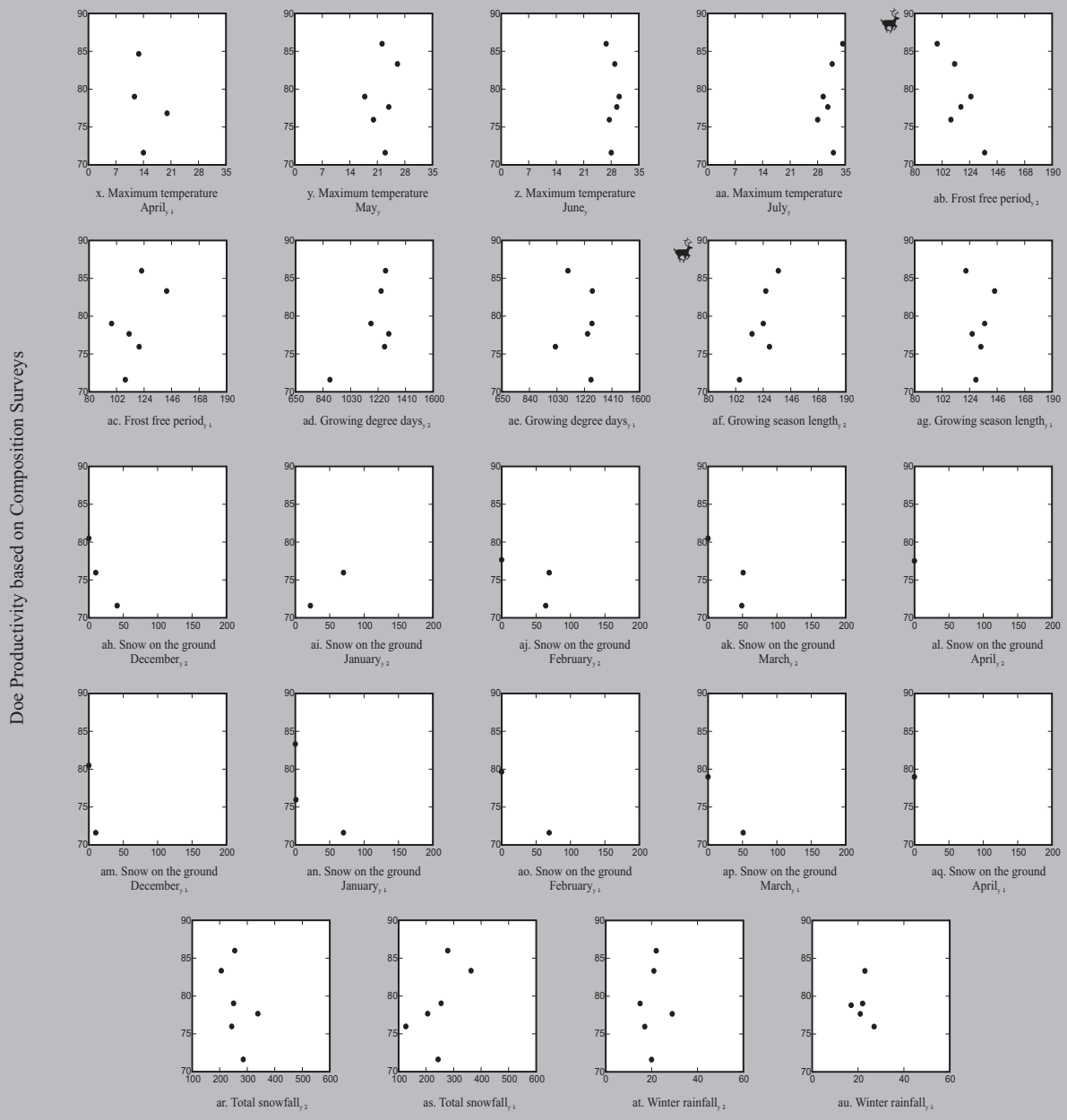


Fig. 14F-2J (con'd). Statistical comparison of weather indices and Doe Productivity from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between productivity and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

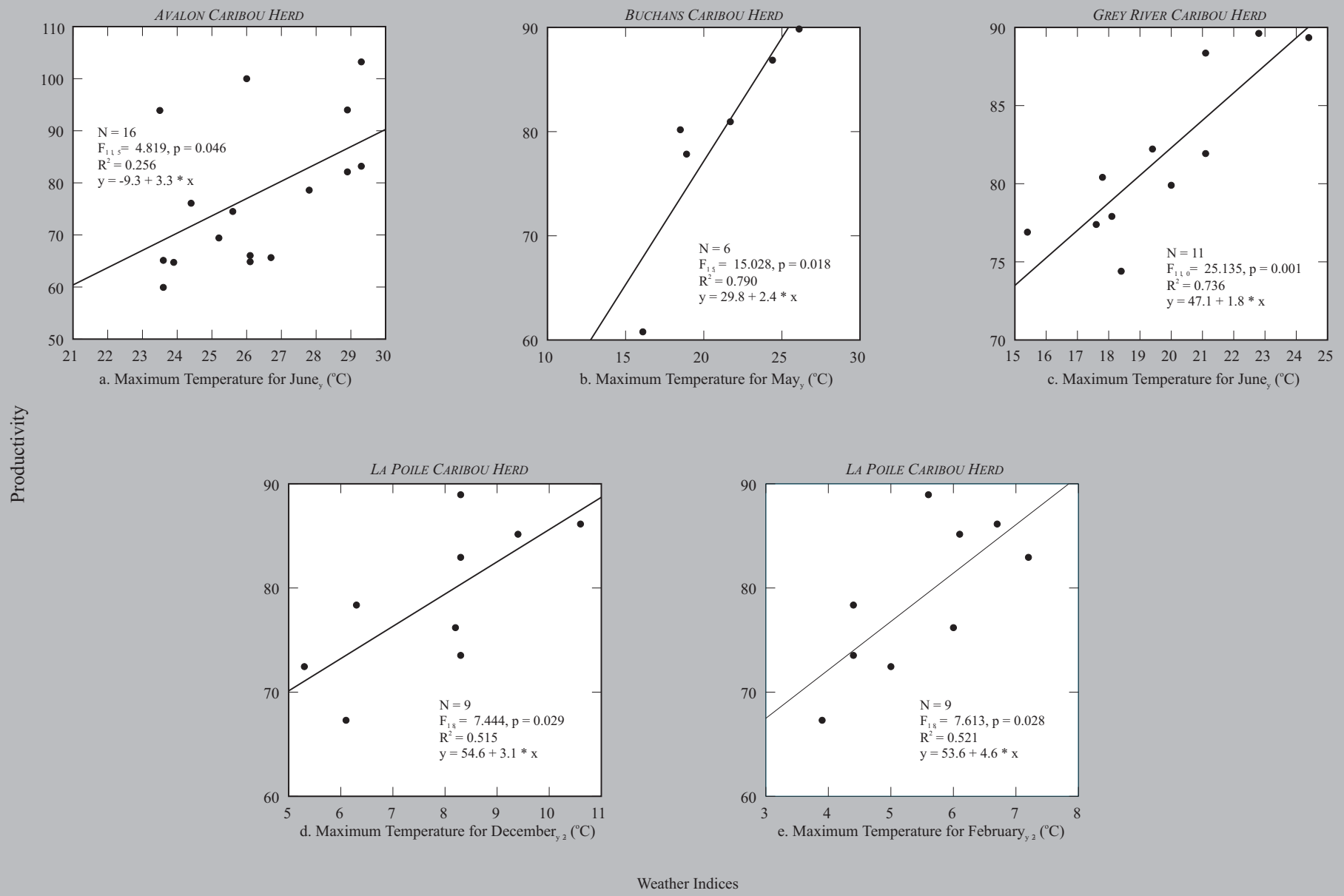


Fig. 14F-3. Simple linear regressions of Productivity in the spring (May - July) and weather indices as identified in Table 14F-1. Productivity is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Table 14F-2. Relationship of Calves per 100 Does, determined from **spring** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance. * No variables selected.

	Caribou Herds										
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Northern Peninsula**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	14	5	19	11	11	13	12	3*	15	7	112
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1971-79**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls		Daniel's Harbour	Grand Falls		various
Weather Indices											
(i) Maximum monthly temperature (°C)											
May_{y-2}			**S-3**				**S-6**				
$June_{y-2}$					**S-6**						
$July_{y-2}$					**S-1**						
$Aug._{y-2}$	**S-3**								**S-3**		**R**
$Sept._{y-2}$			**S-12**							**S-3**	
$Oct._{y-2}$						**S-5**	**S-1**				
$Nov._{y-2}$					**S-4**						
$Dec._{y-2}$									**S-5**		
$Jan._{y-2}$											**S-5**
$Feb._{y-2}$			**S-7**	**S-2**		n/a			n/a		n/a
$March_{y-2}$						n/a			n/a		n/a
$April_{y-2}$							**S-2**	n/a			
May_{y-1}						n/a					
$June_{y-1}$				**S-1**	**S-5**		**S-3**			**S-4**	
$July_{y-1}$		**S-2**	**S-6**								
$Aug._{y-1}$							**S-4**				
$Sept._{y-1}$			**S-9**						**S-2**		
$Oct._{y-1}$										**S-1**	
$Nov._{y-1}$			**S-10**		**S-7**	**S-4**					
$Dec._{y-1}$			**S-8**								
$Jan._{y-1}$	**S-1**		**S-1**				**S-5**		**S-1**		**S-1**
$Feb._{y-1}$						n/a	n/a		n/a		n/a
$March_{y-1}$		**S-1**				n/a	**S-8**		n/a		n/a
$April_{y-1}$		n/a							**S-6**		n/a
May_{y}		n/a							**S-4**		n/a
$June_{y}$		n/a	**S-4**				**B-2**				n/a
$July_{y}$	**S-2; B-1**	n/a	**S-11**	n/a			**S-7; B-1**				n/a

Table 14F-2 (con'd). Relationship of Calves per 100 Does, determined from spring composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance. * No variables selected.

	Caribou Herds										
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Northern Peninsula**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	14	5	19	11	11	13	12	3*	15	7	112
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1971-79**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls		Daniel's Harbour	Grand Falls		various
Weather Indices											
(ii) Frost free period (days)											
y-2							**S-9**				
y-1											
(iii) Growing degree days (days)											
y-2						**S-1**					**S-2**
y-1											
(iv) Growing season length (days)											
y-2											**S-3**
y-1				**S-3**							
(v) Snow depth (cm) on the ground on the last day of the month											
$Dec._{y-2}$	n/a			n/a		n/a	n/a		n/a	n/a	n/a
$Jan._{y-2}$	n/a		n/a			n/a	n/a	n/a	n/a	n/a	n/a
$Feb._{y-2}$	n/a		n/a		n/a	n/a	n/a		n/a	n/a	n/a
$March_{y-2}$	n/a	n/a				n/a	n/a	n/a	n/a	n/a	n/a
$April_{y-2}$	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
$Dec._{y-1}$	n/a		n/a	n/a		n/a	n/a		n/a	n/a	n/a
$Jan._{y-1}$	n/a		**S-2**	n/a		n/a	n/a		n/a	n/a	n/a
$Feb._{y-1}$	n/a		n/a	n/a		n/a	n/a		n/a	n/a	n/a
$March_{y-1}$	n/a	n/a		n/a		n/a	n/a		n/a	n/a	n/a
$April_{y-1}$	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
(vi) Total snowfall (cm)											
y-2						**S-3**					
y-1			**S-5**	n/a							n/a
(vii) Winter rainfall (days)											
y-2					**S-8**					**S-1**	**S-4**
y-1					**S-2**	**S-2**					

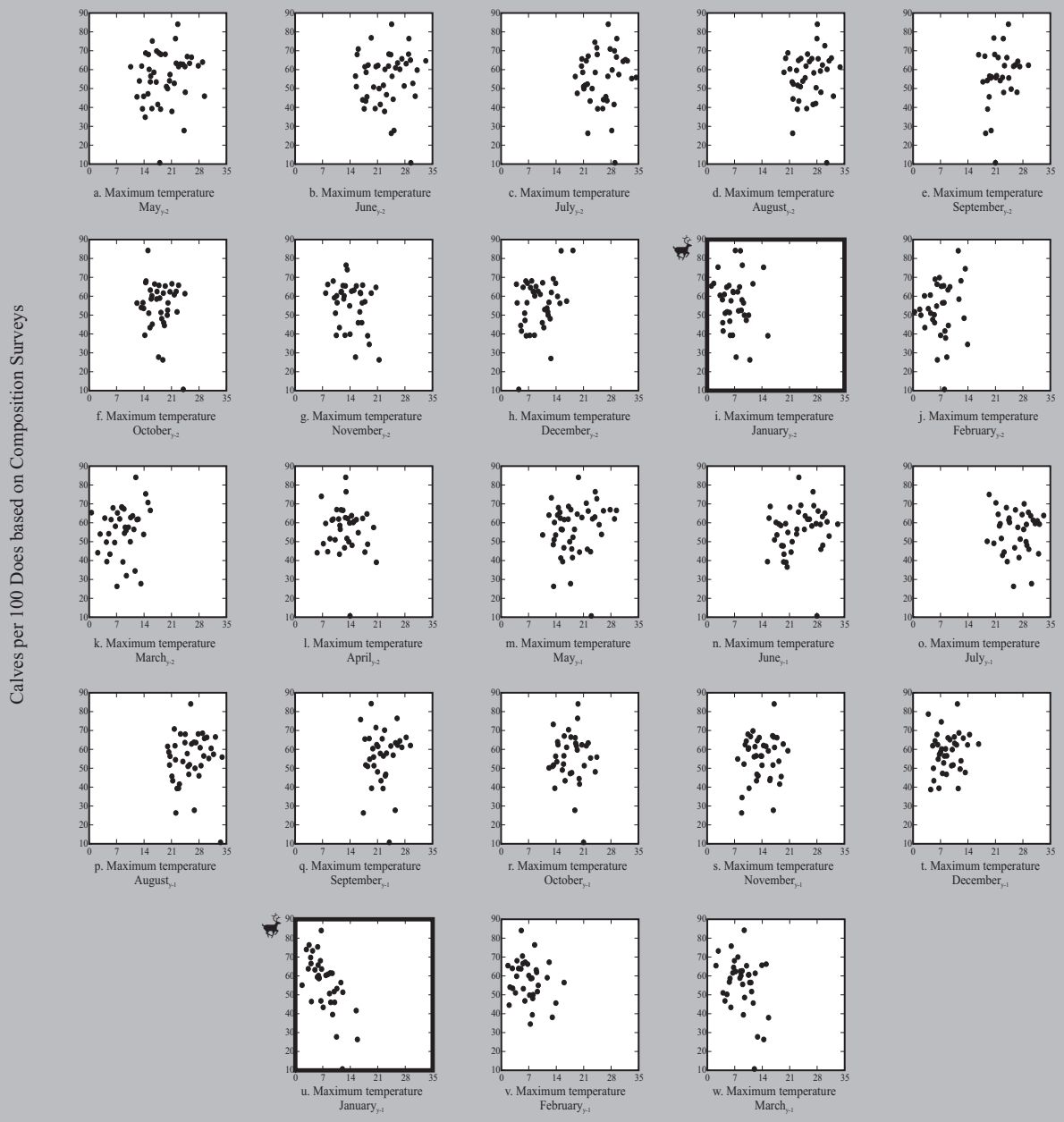


Fig. 14F-4A. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

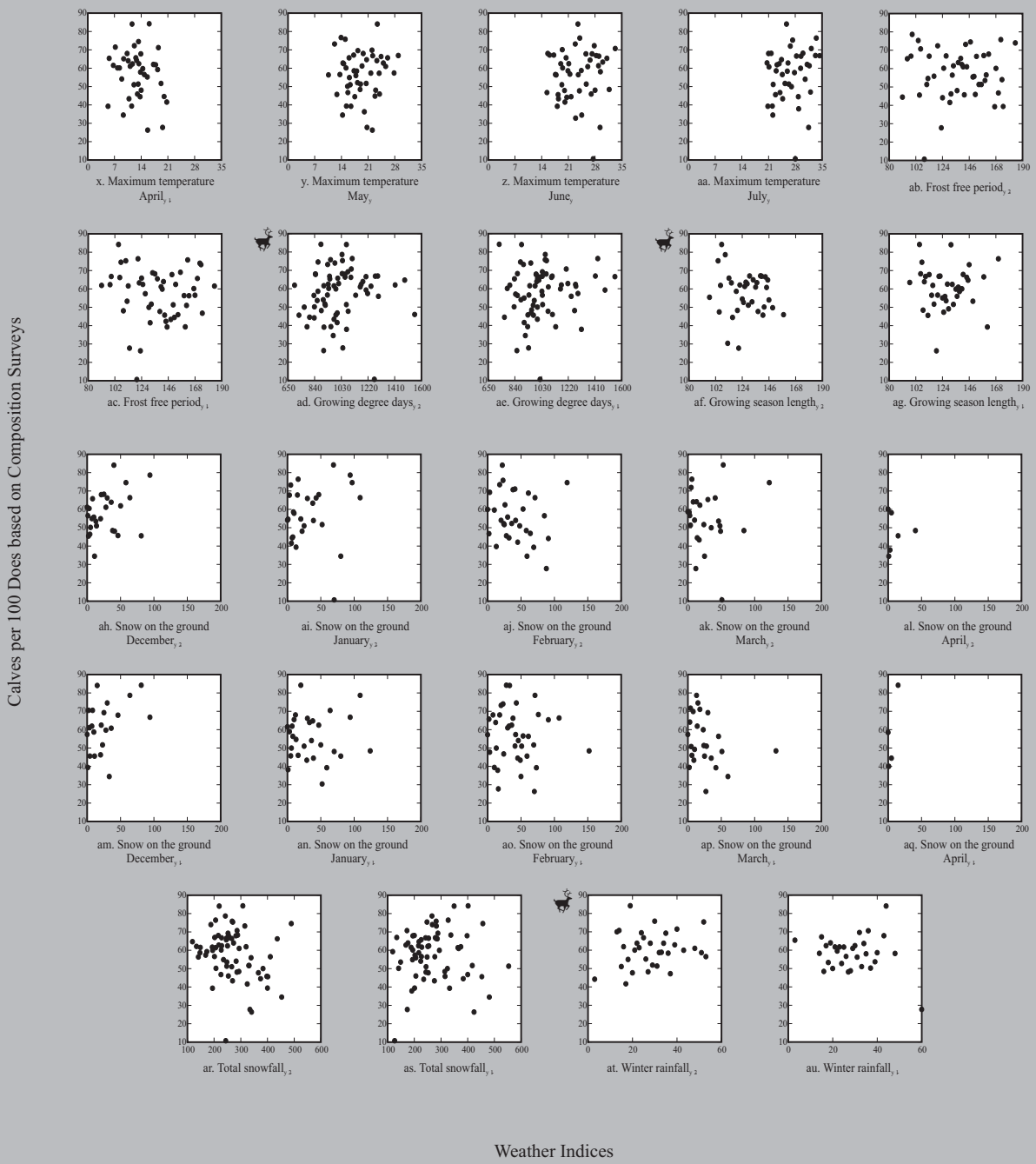


Fig. 14F-4A (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

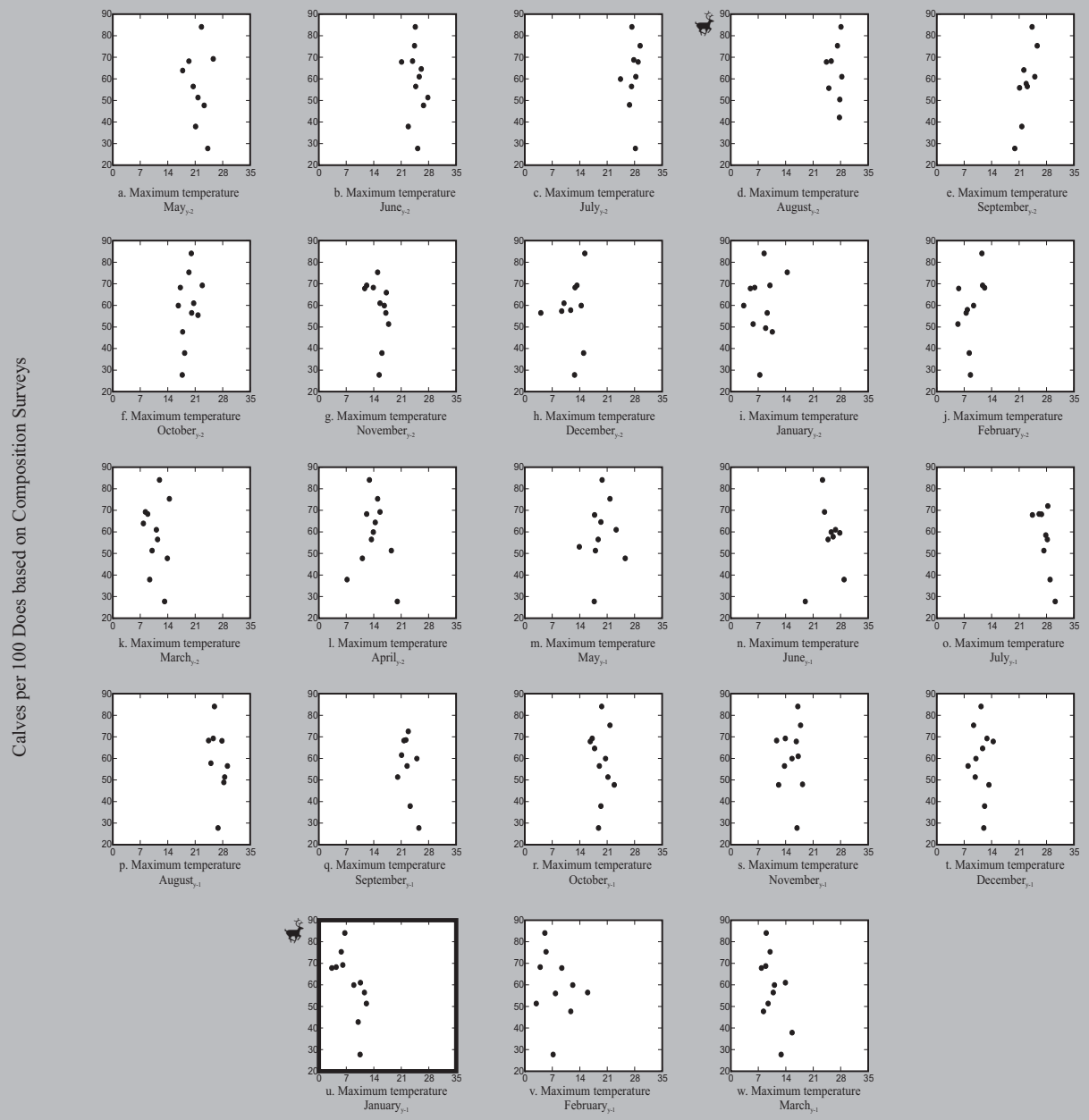


Fig. 14F-4B. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

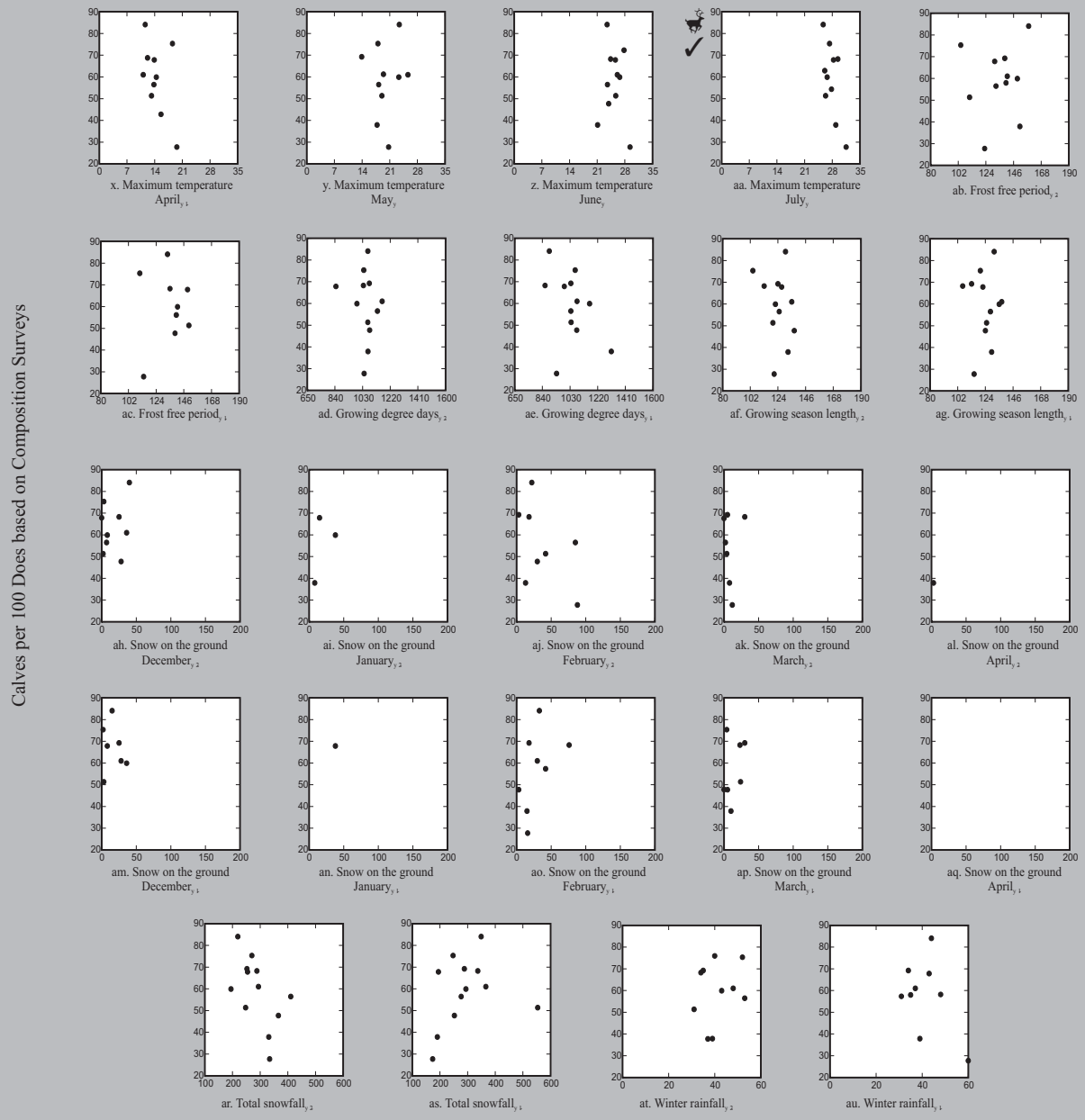


Fig. 14F-4B (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

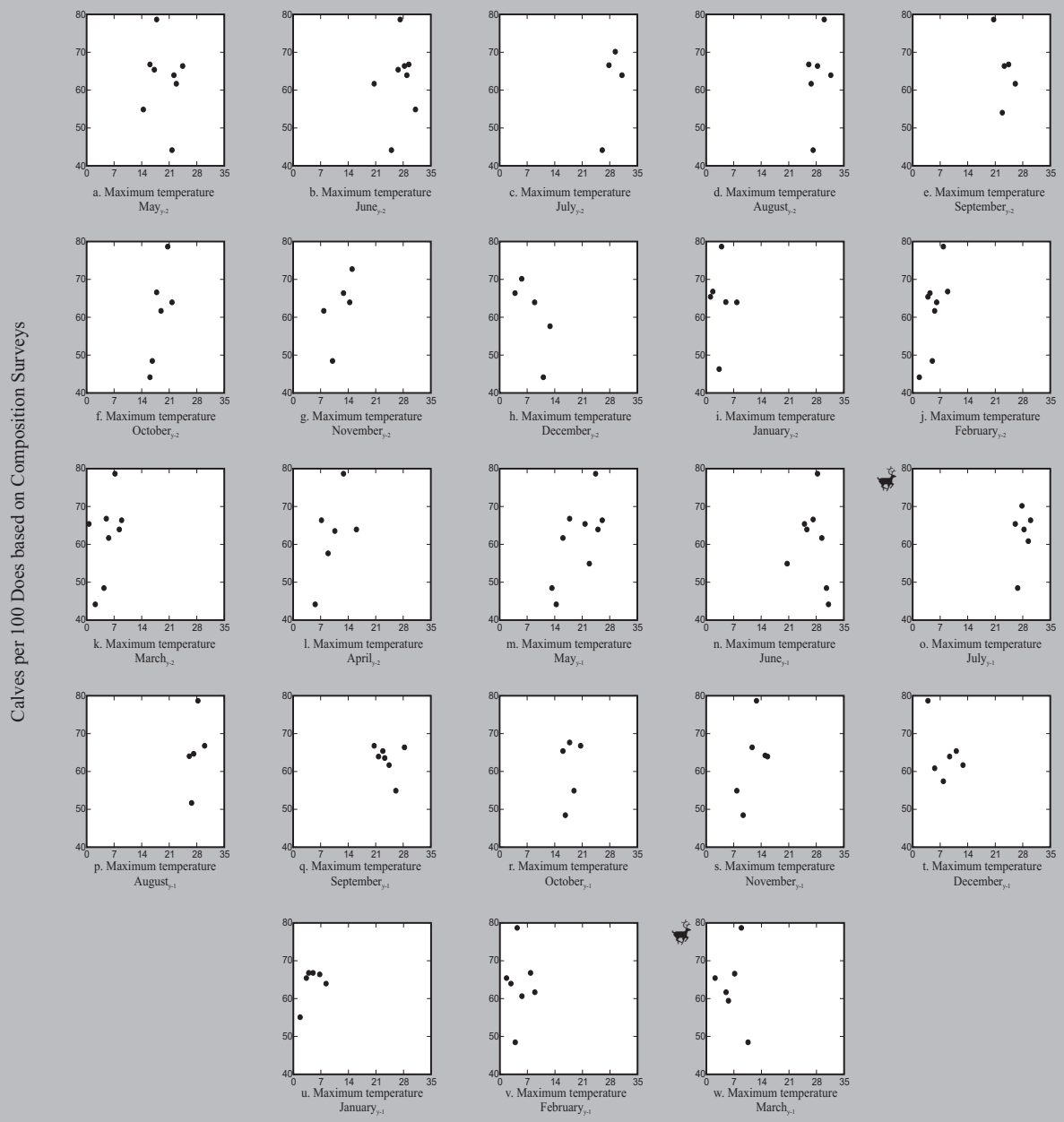


Fig. 14F-4C. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □ , a significant relationship in the simple linear regression analysis.

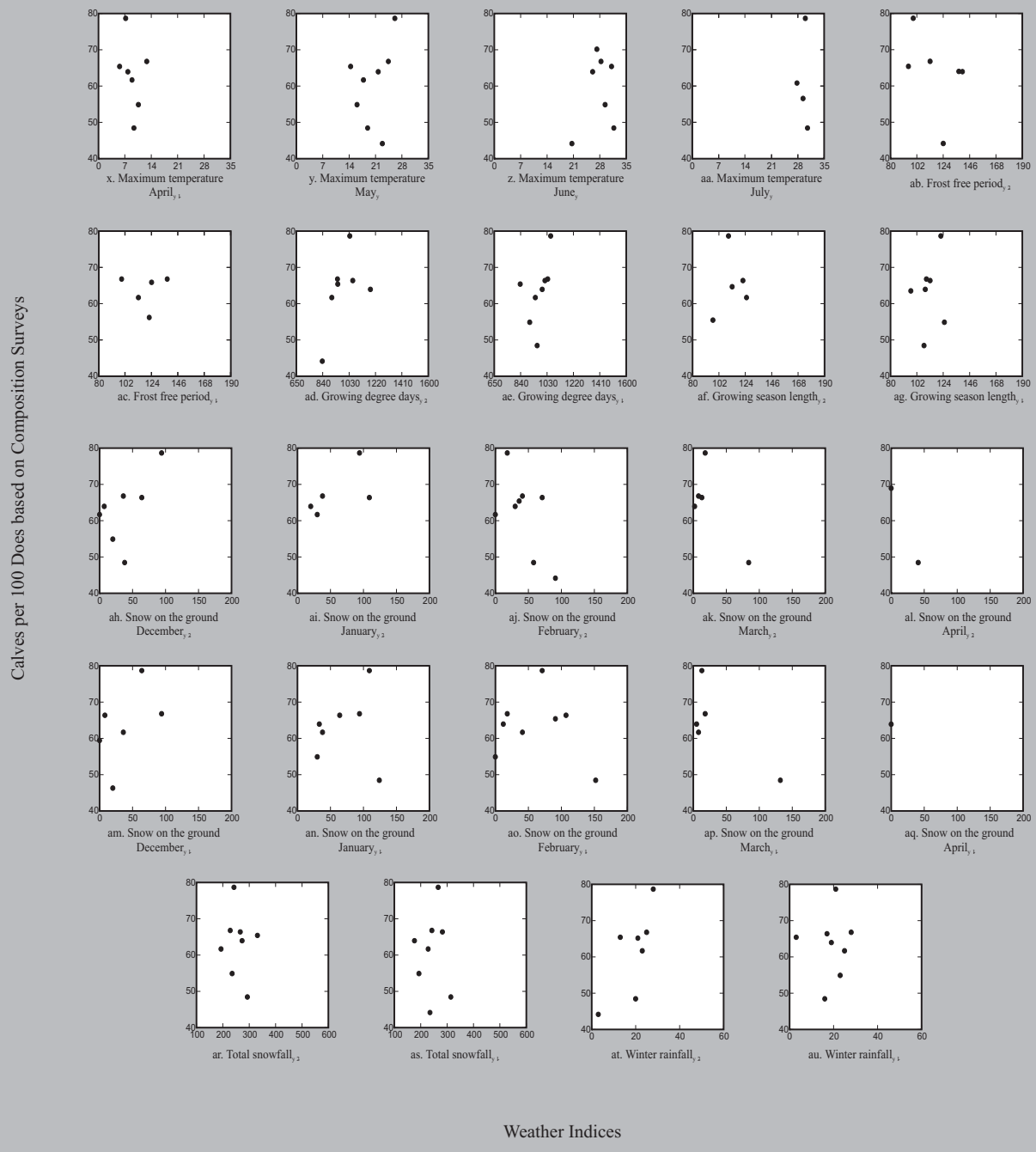


Fig. 14F-4C (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

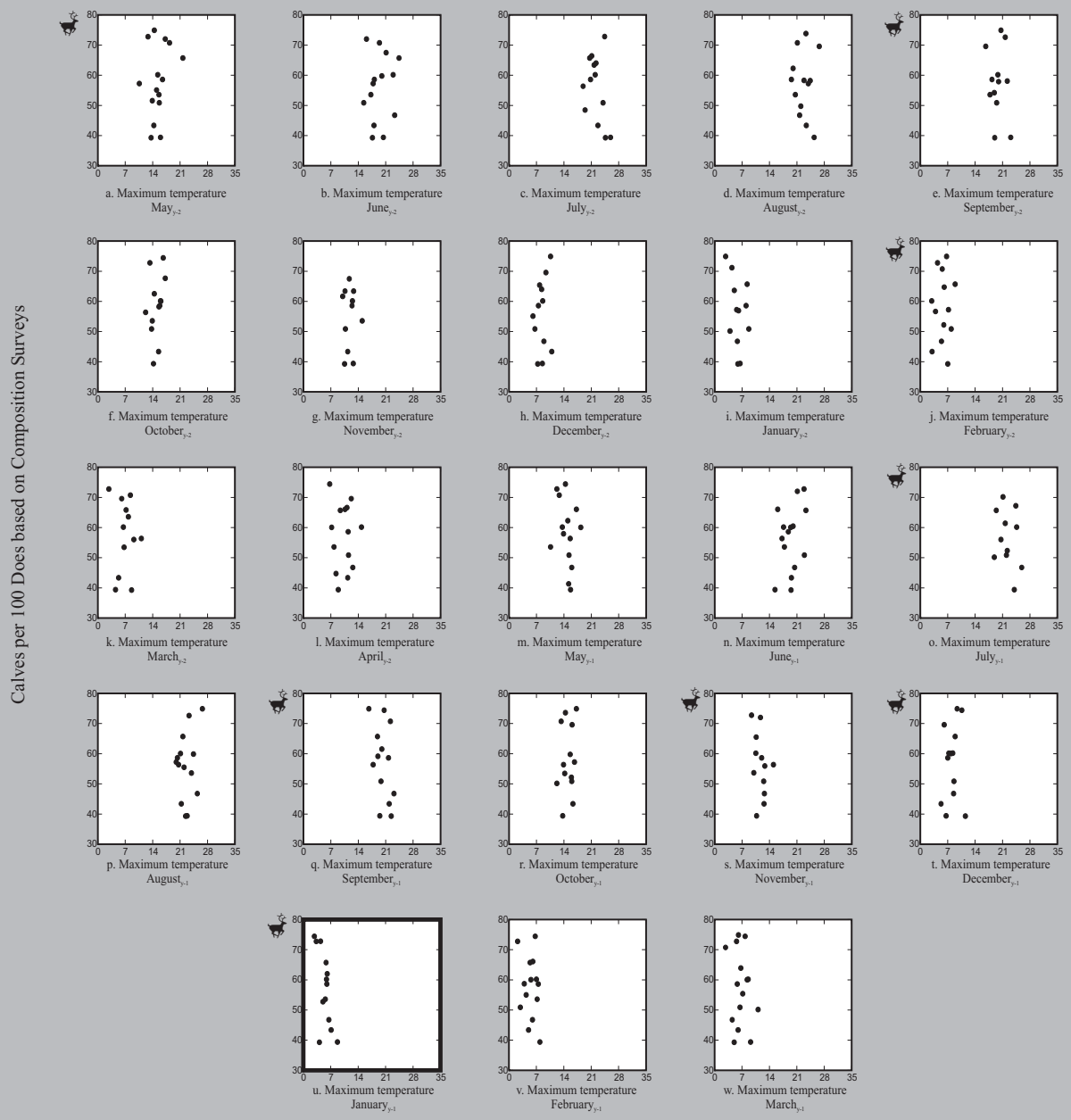


Fig. 14F-4D. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

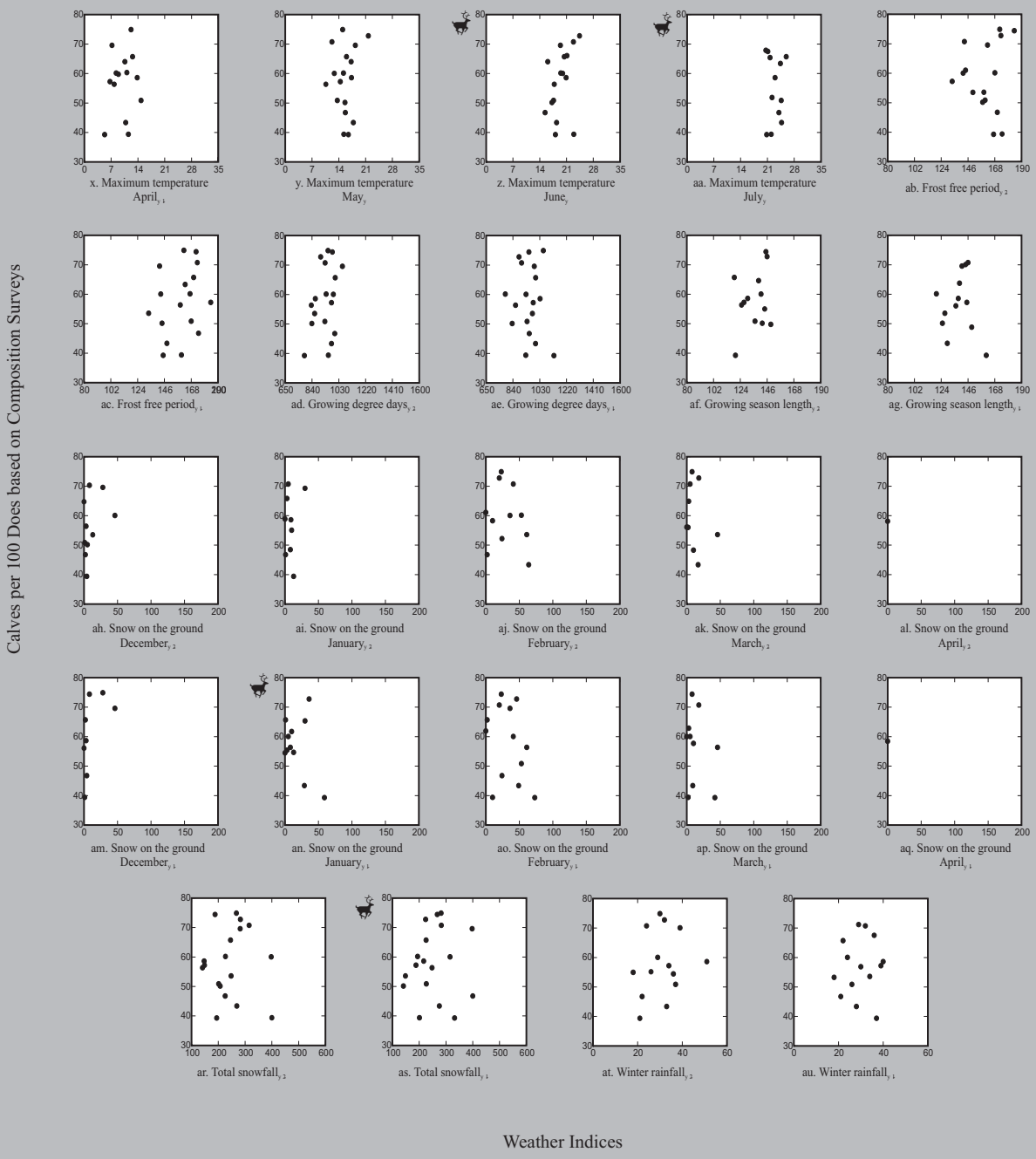


Fig. 14F-4D (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

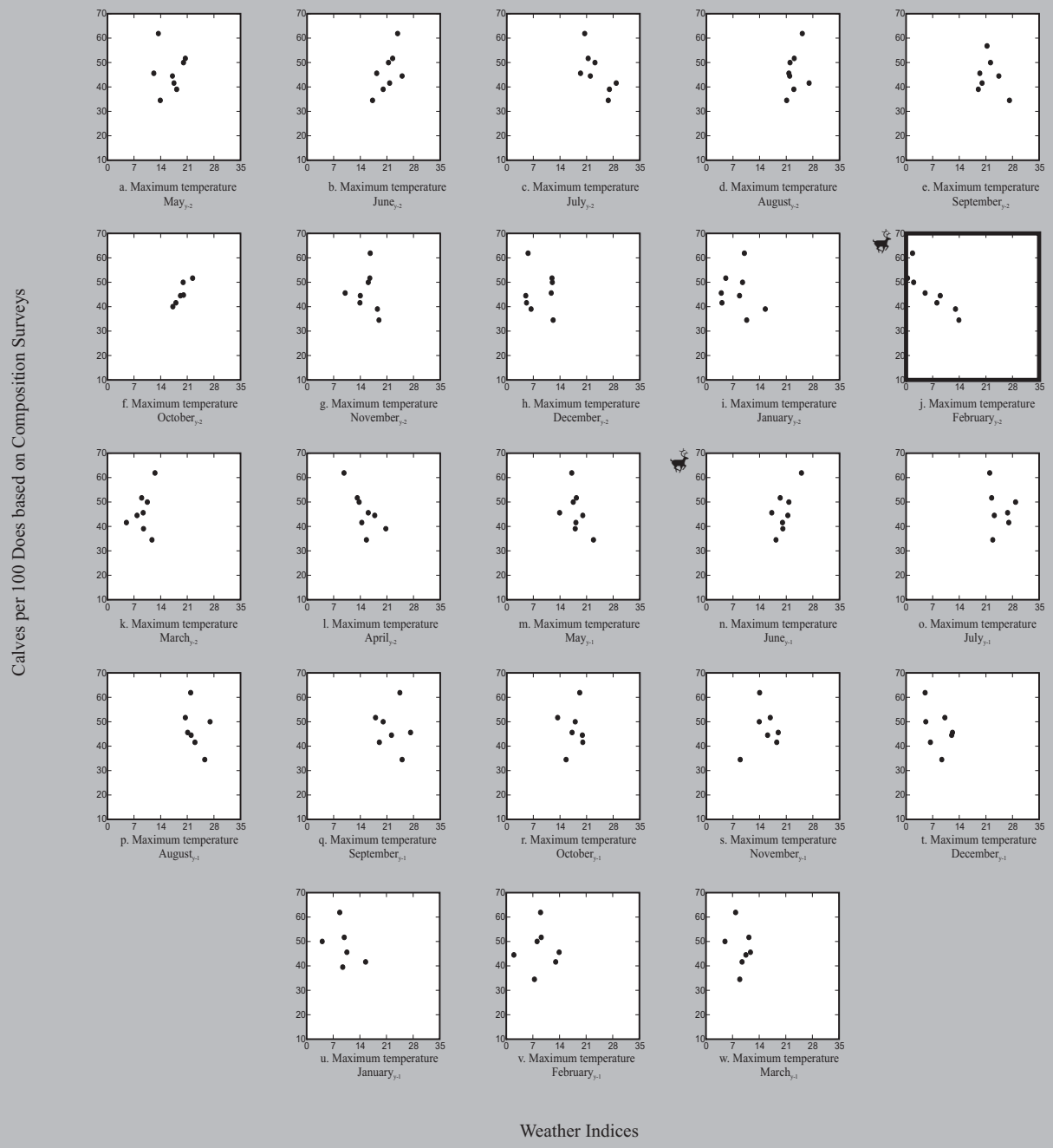


Fig. 14F-4E. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

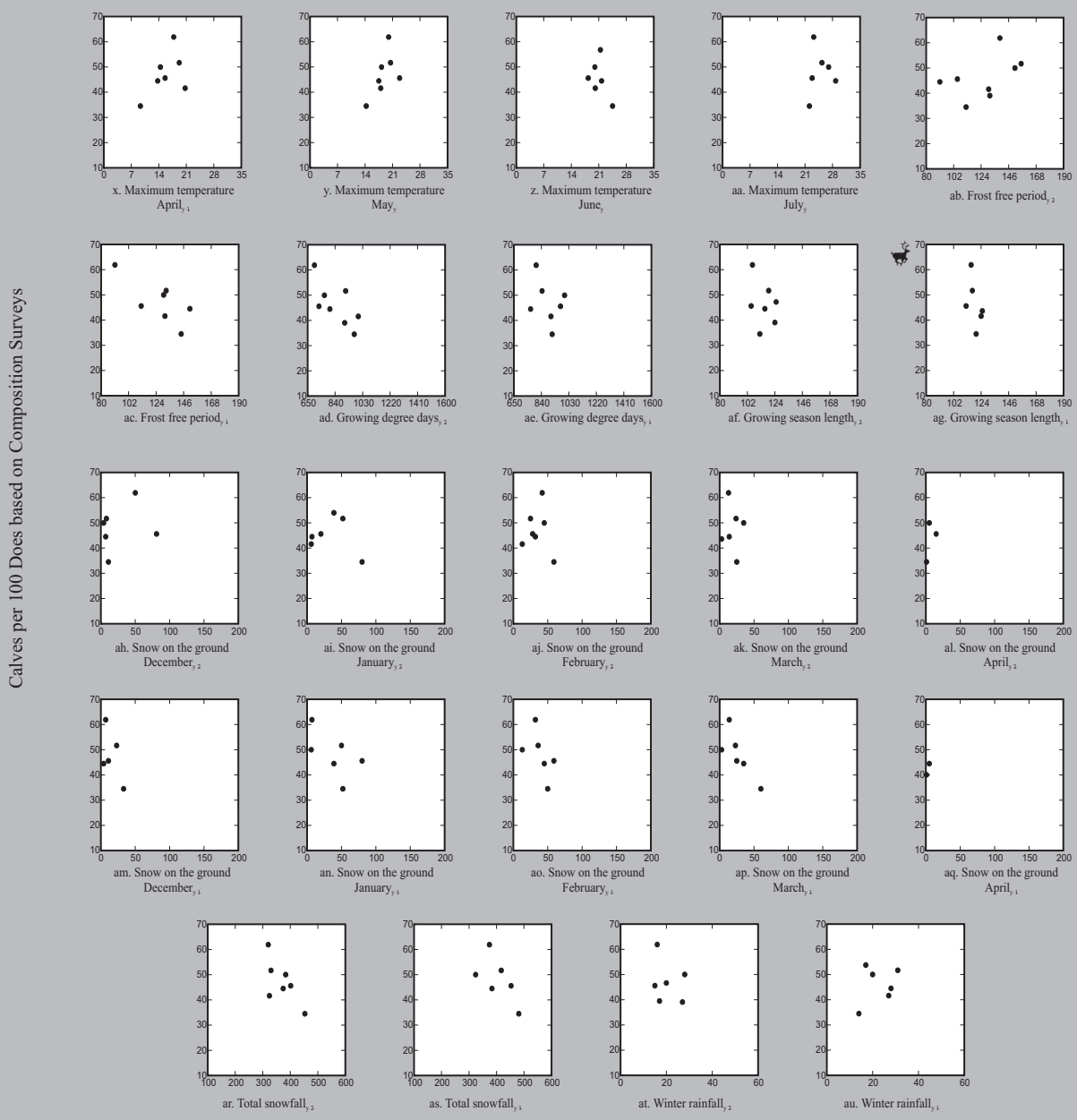


Fig. 14F-4E (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July)Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

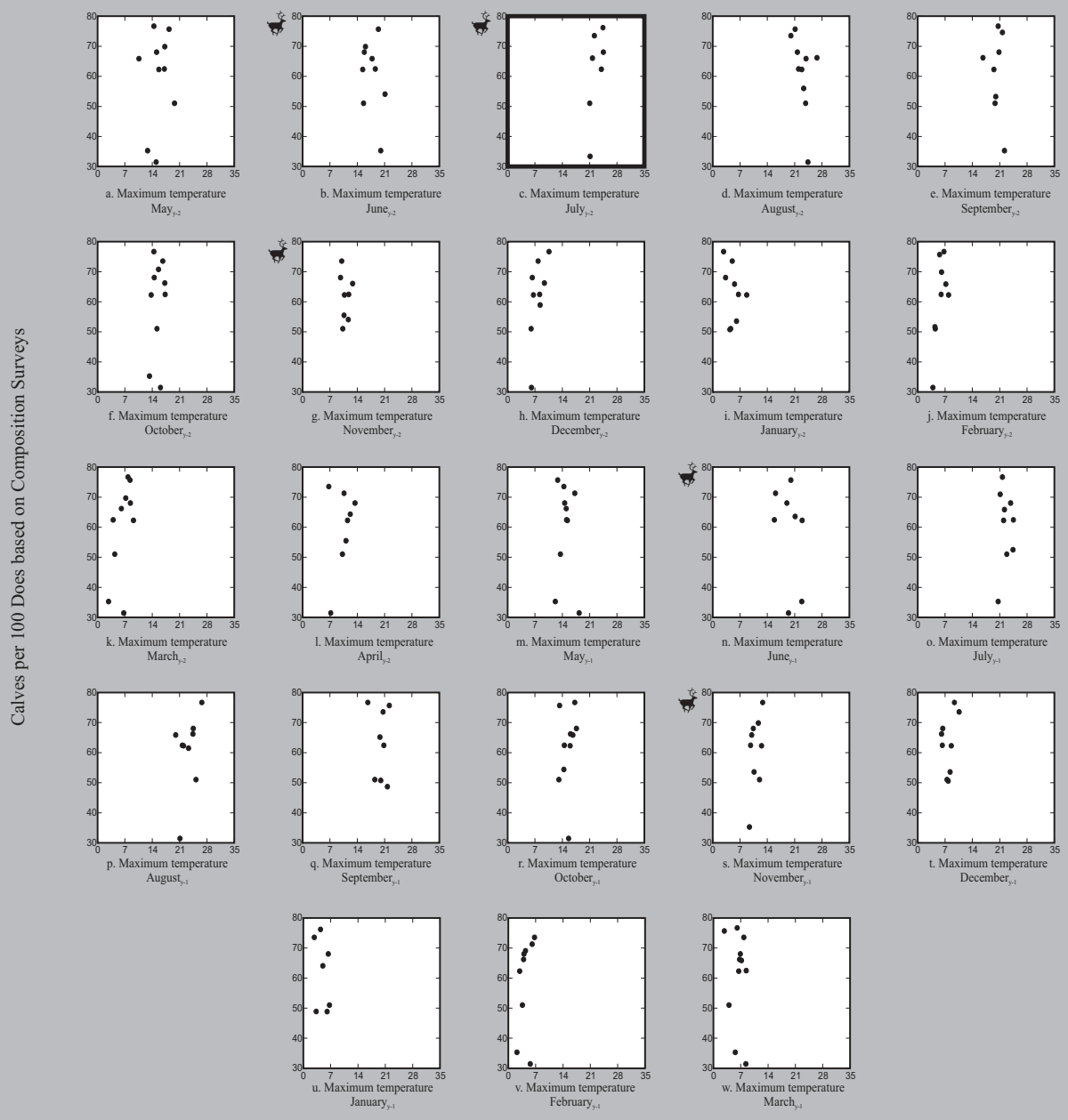


Fig. 14F-4F. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

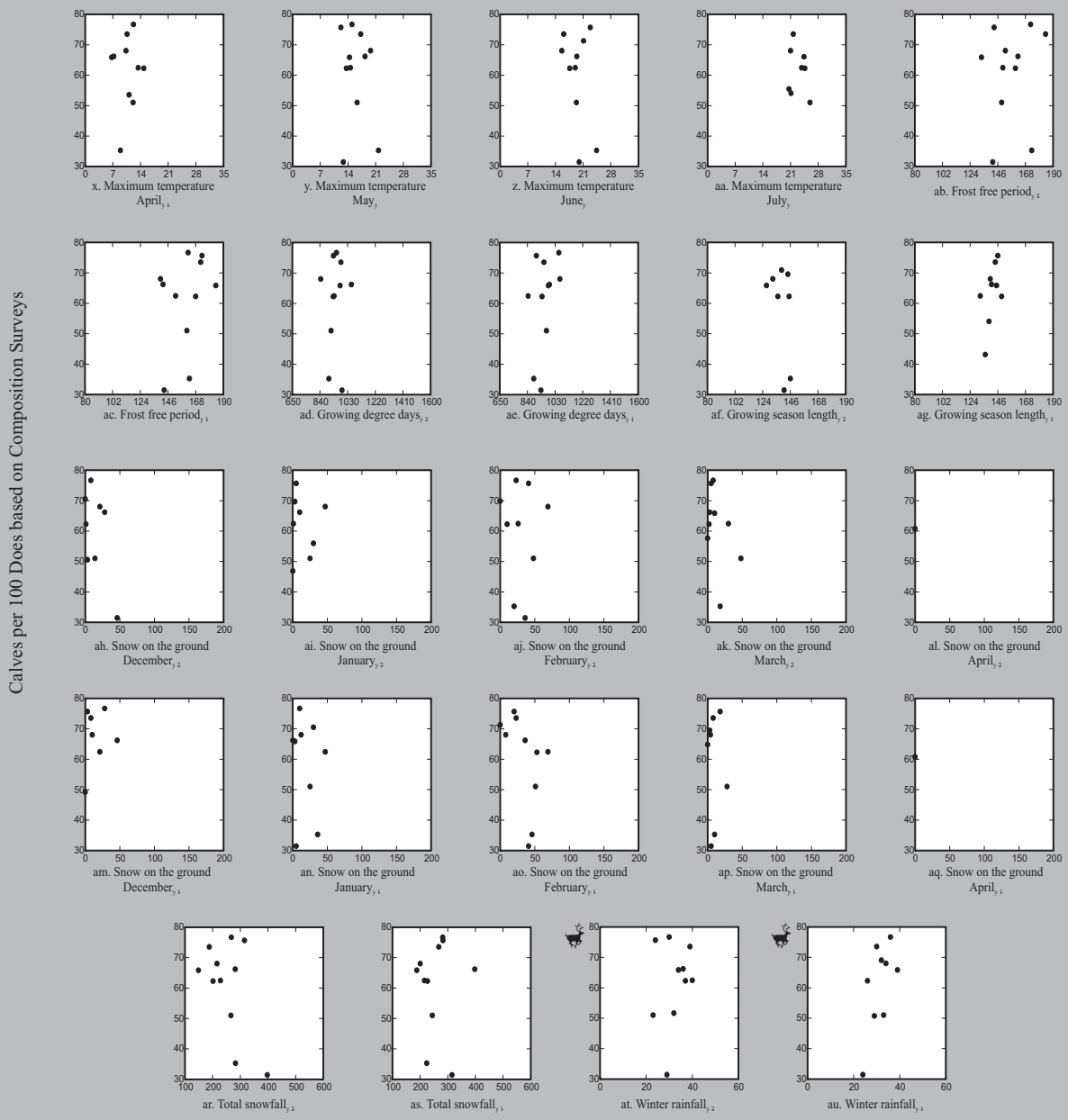


Fig. 14F-4F (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

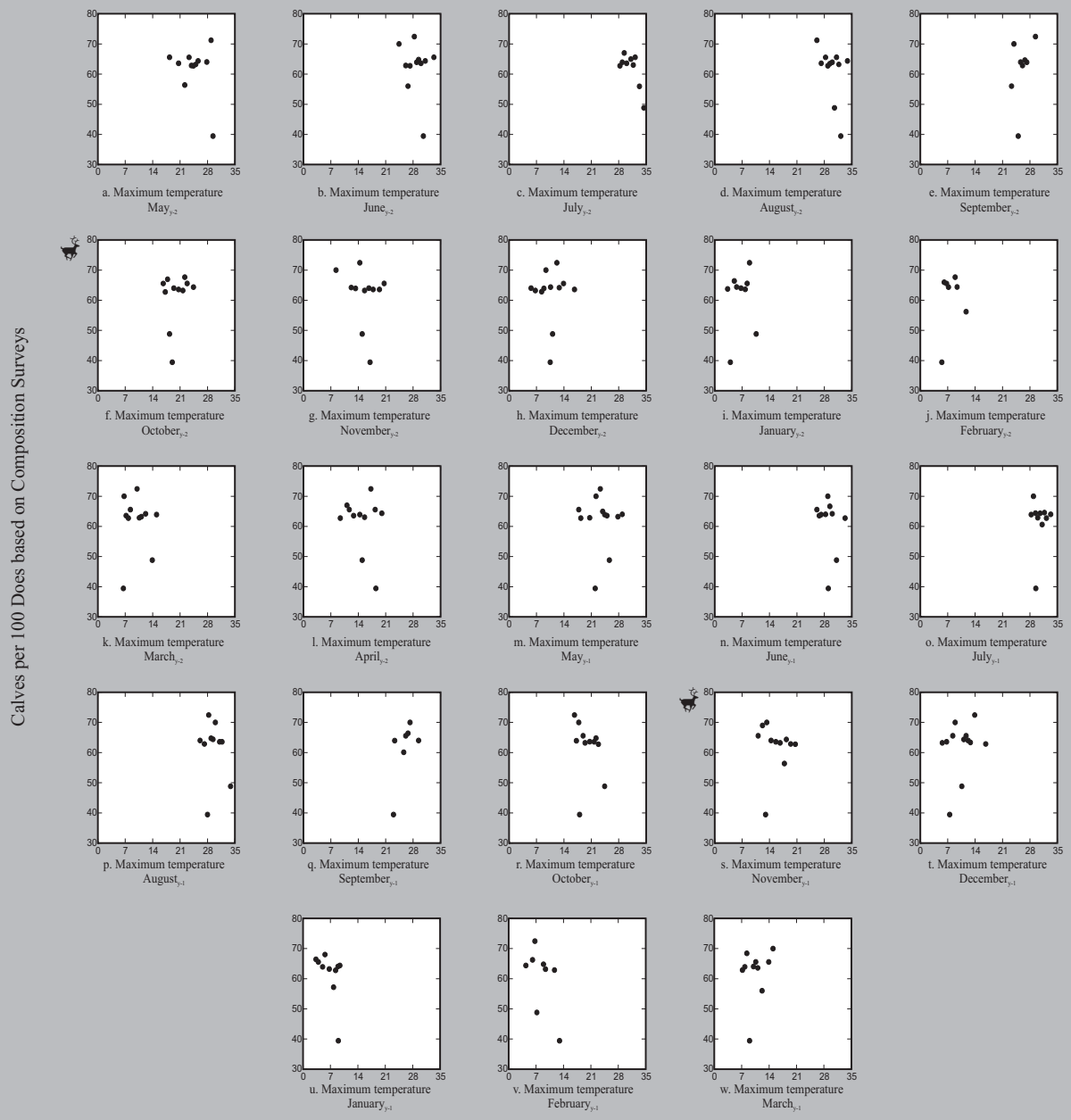


Fig. 14F-4G. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July)Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

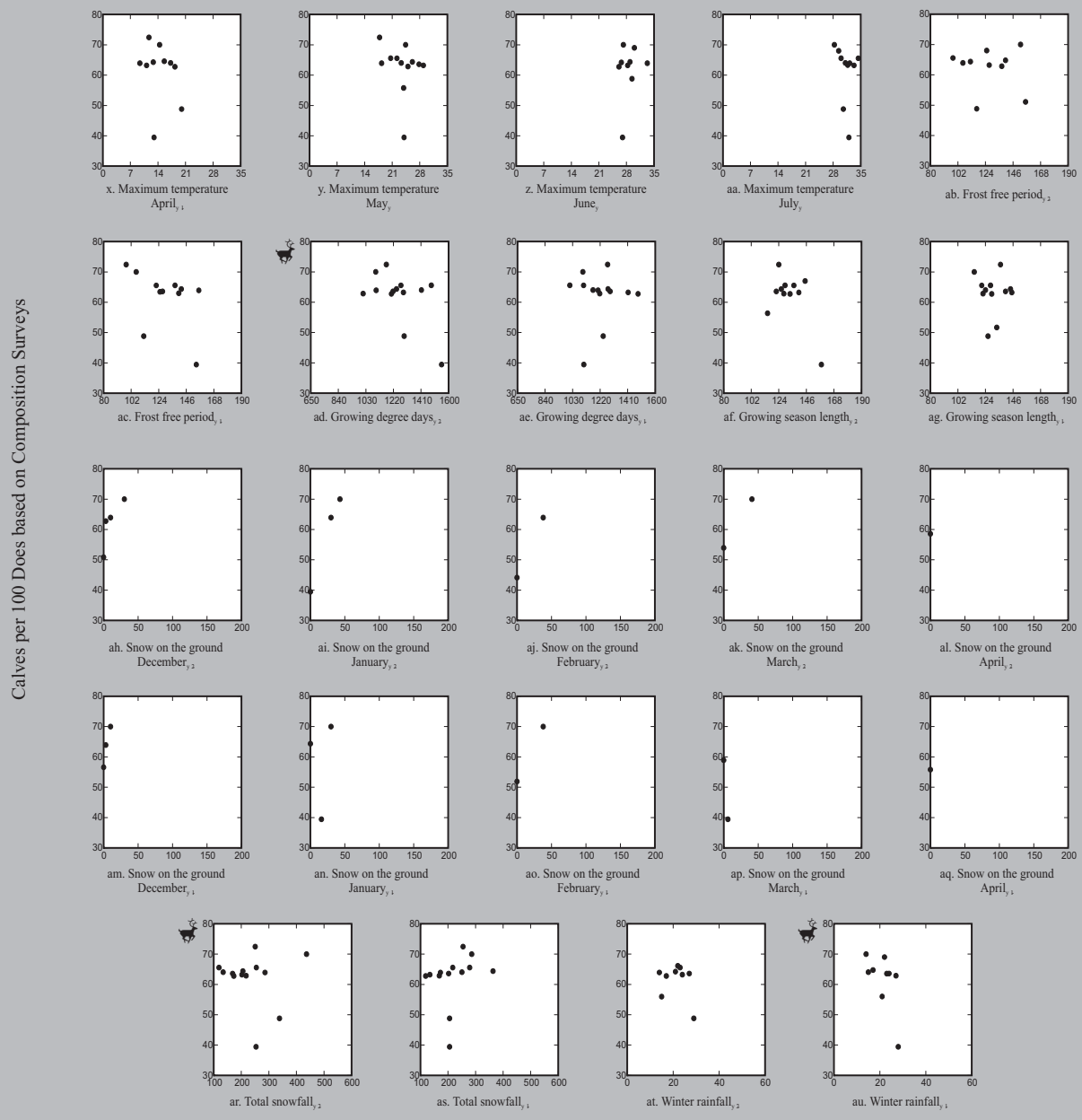


Fig. 14F-4G (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

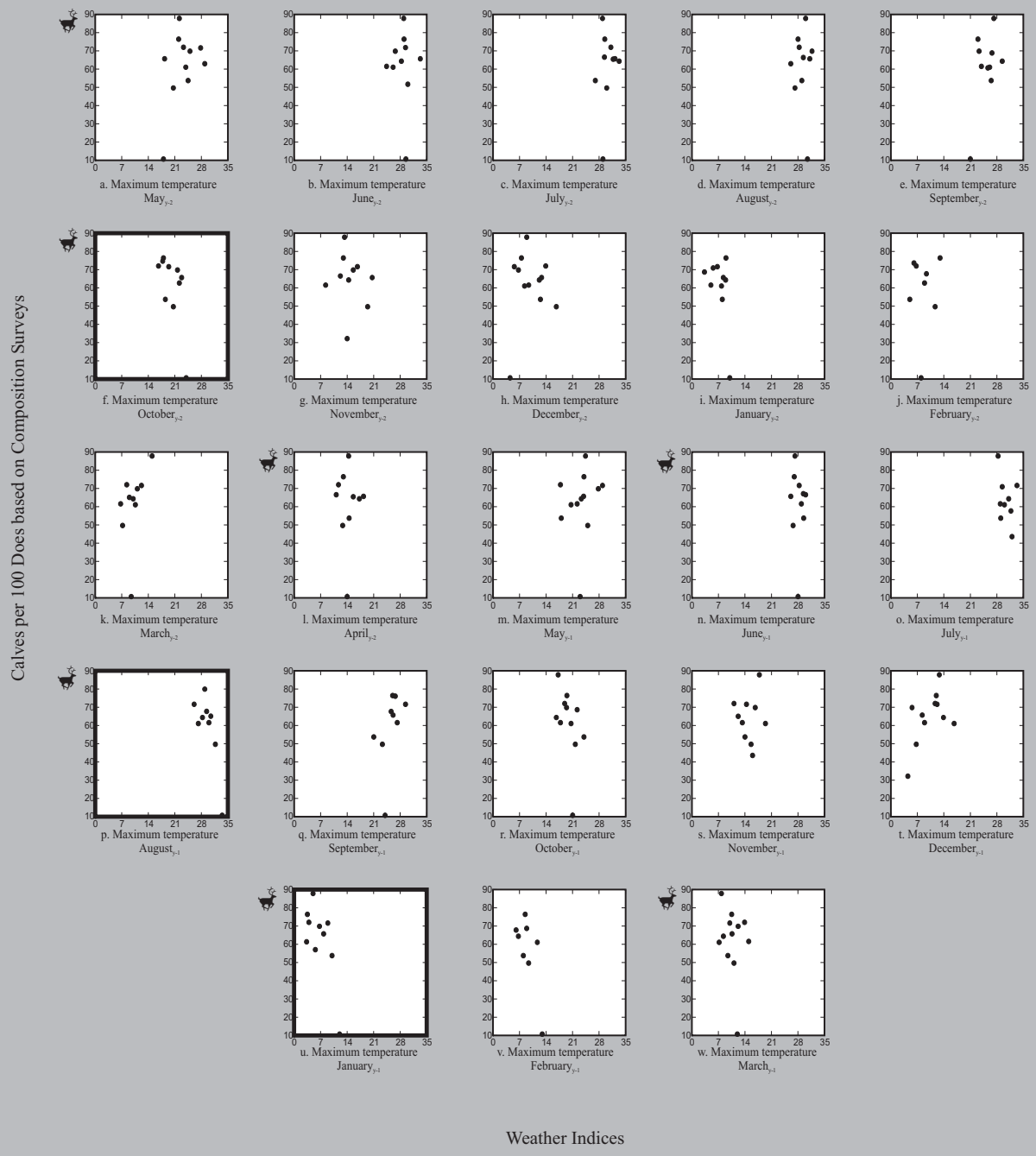


Fig. 14F-4H. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

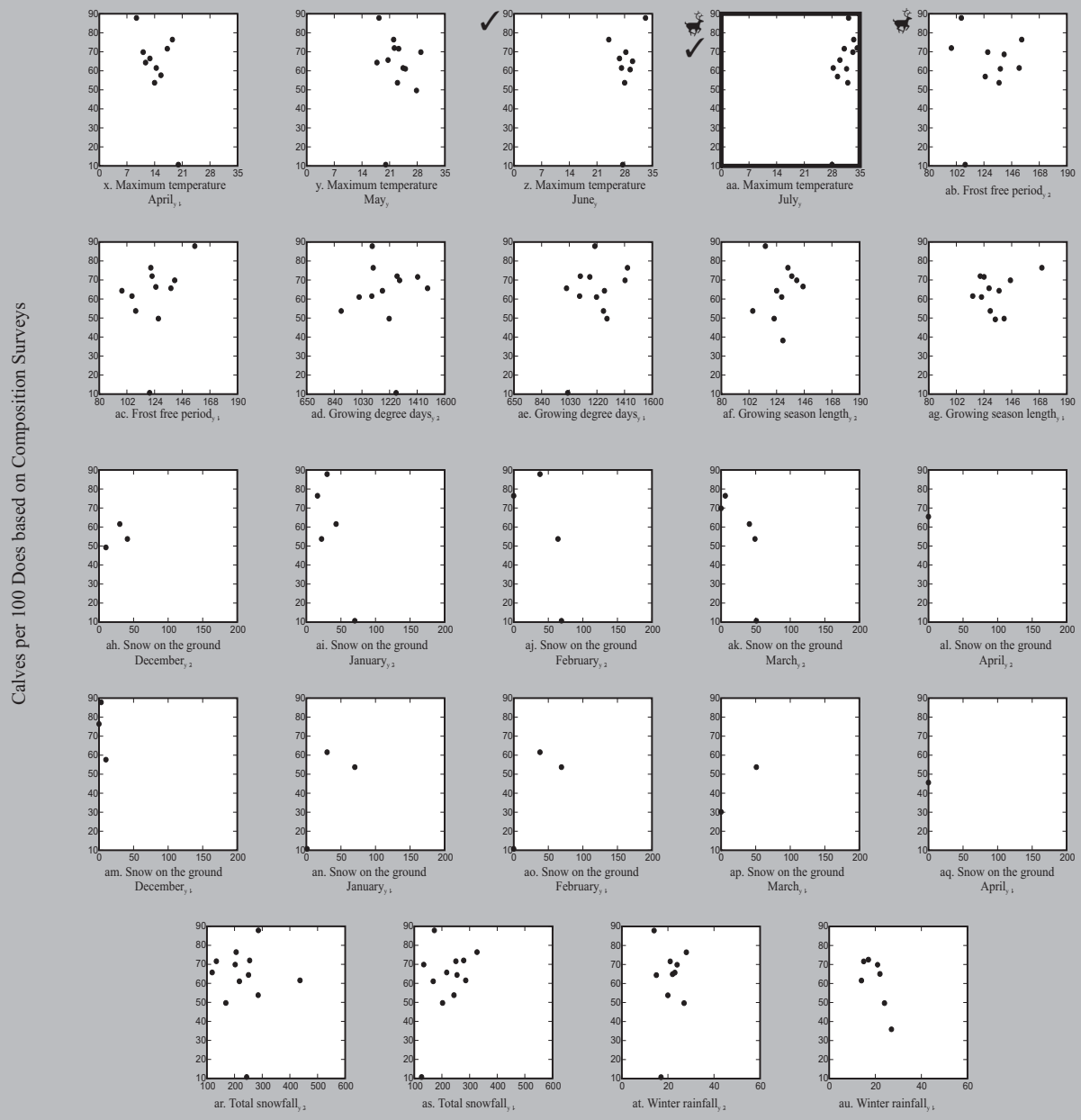


Fig. 14F-4H (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

Fig. 14F-4I. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

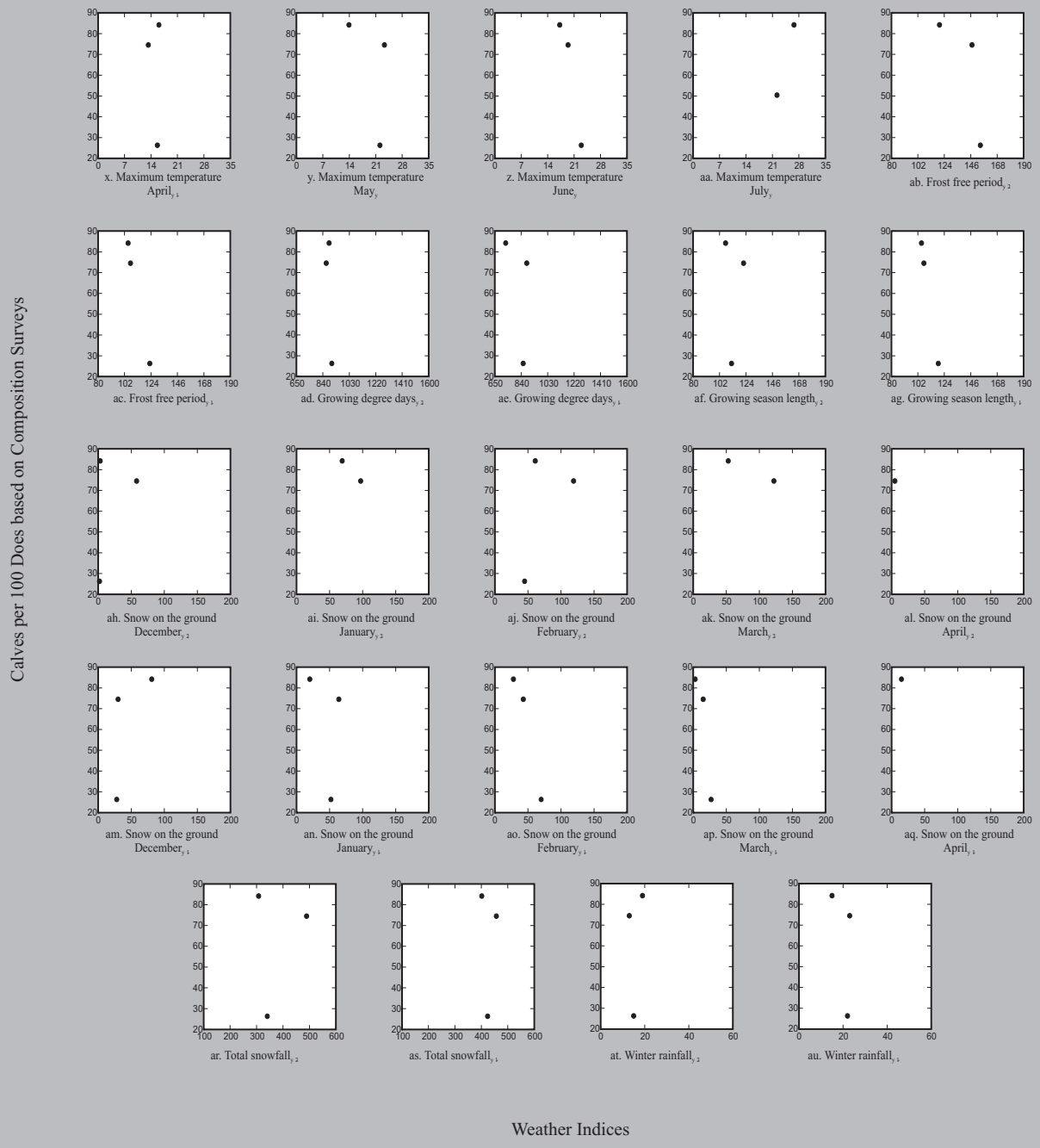


Fig. 14F-4I (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

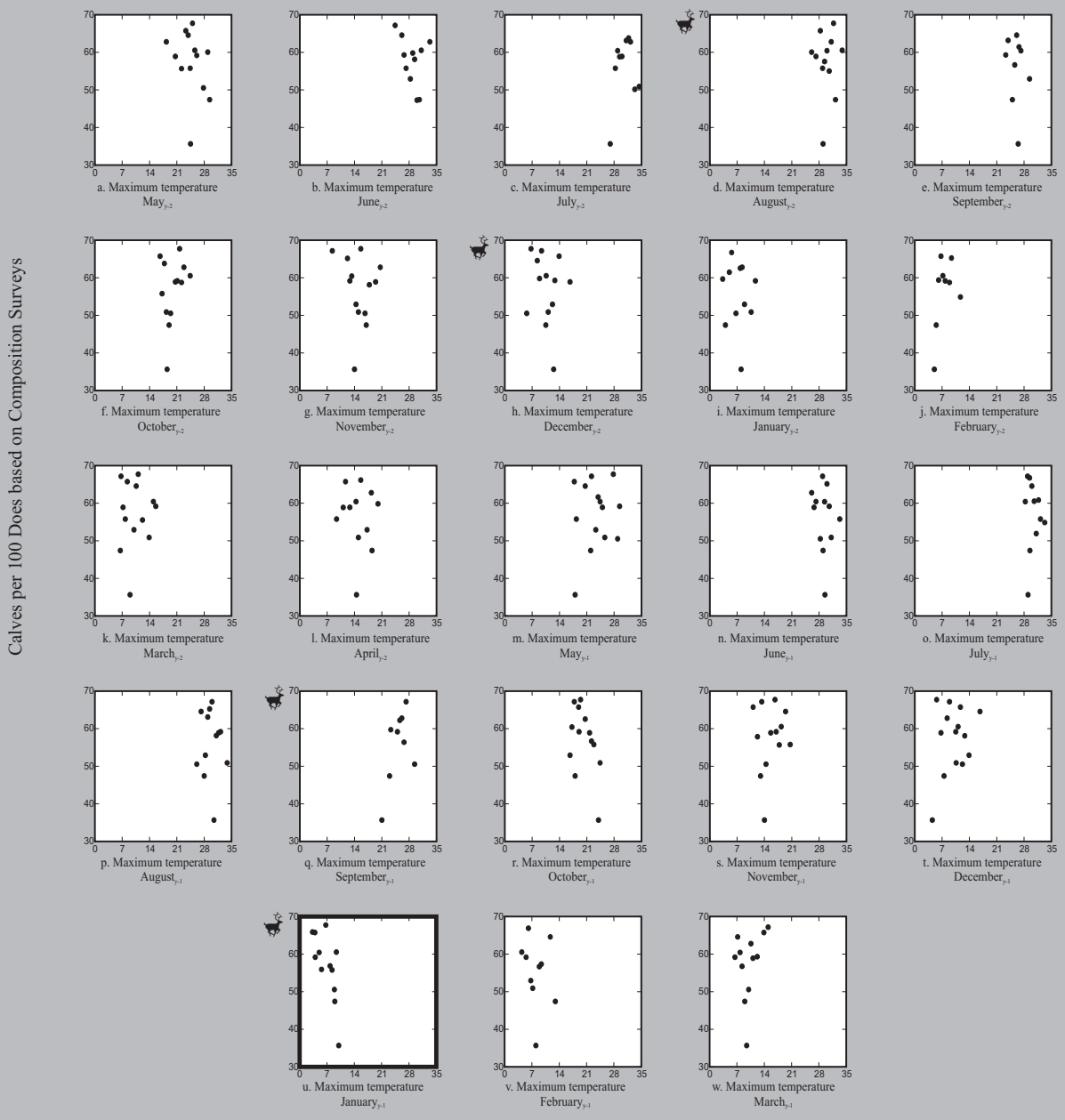


Fig. 14F-4J. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □ , a significant relationship in the simple linear regression analysis.

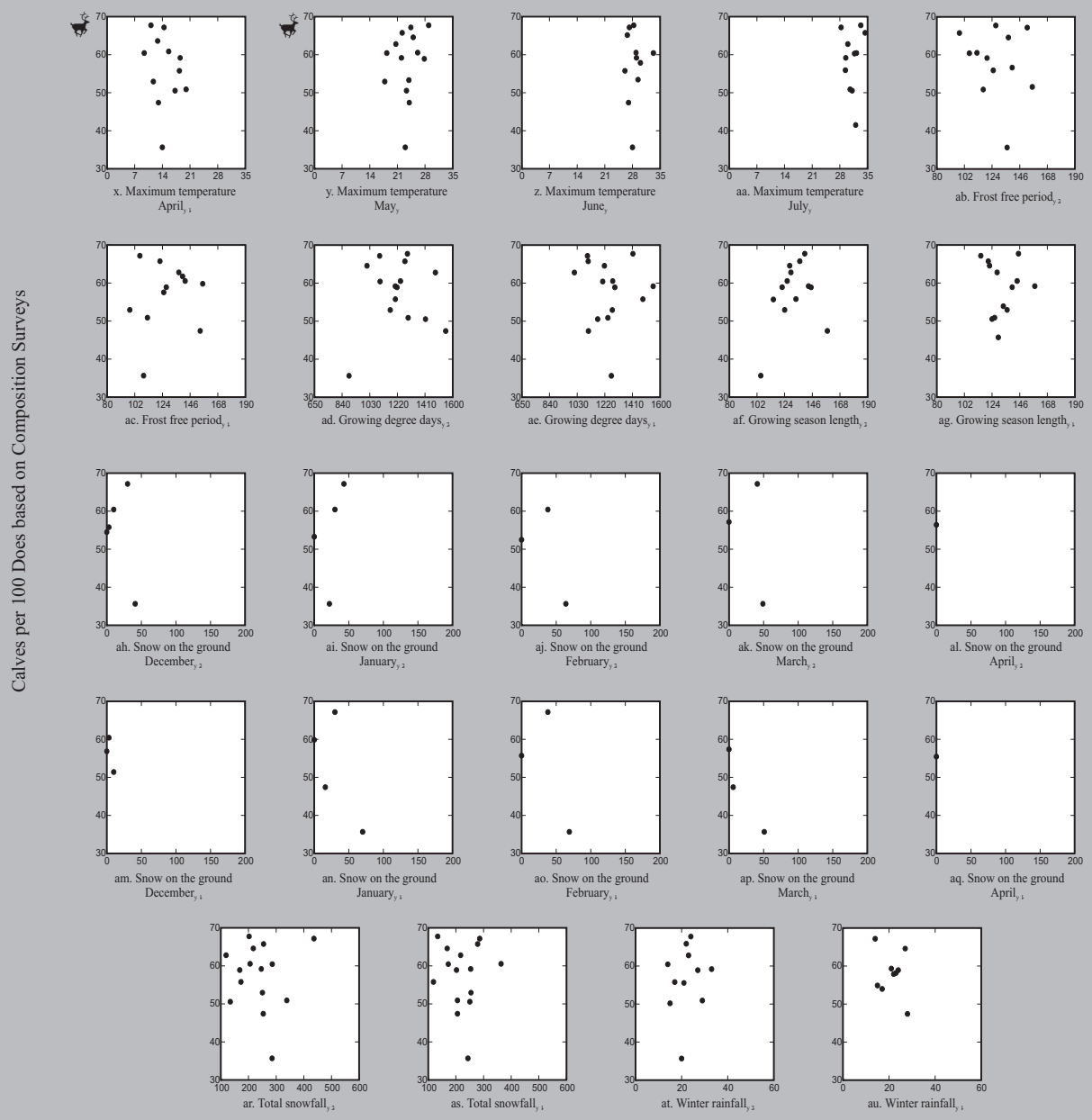


Fig. 14F-4J (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

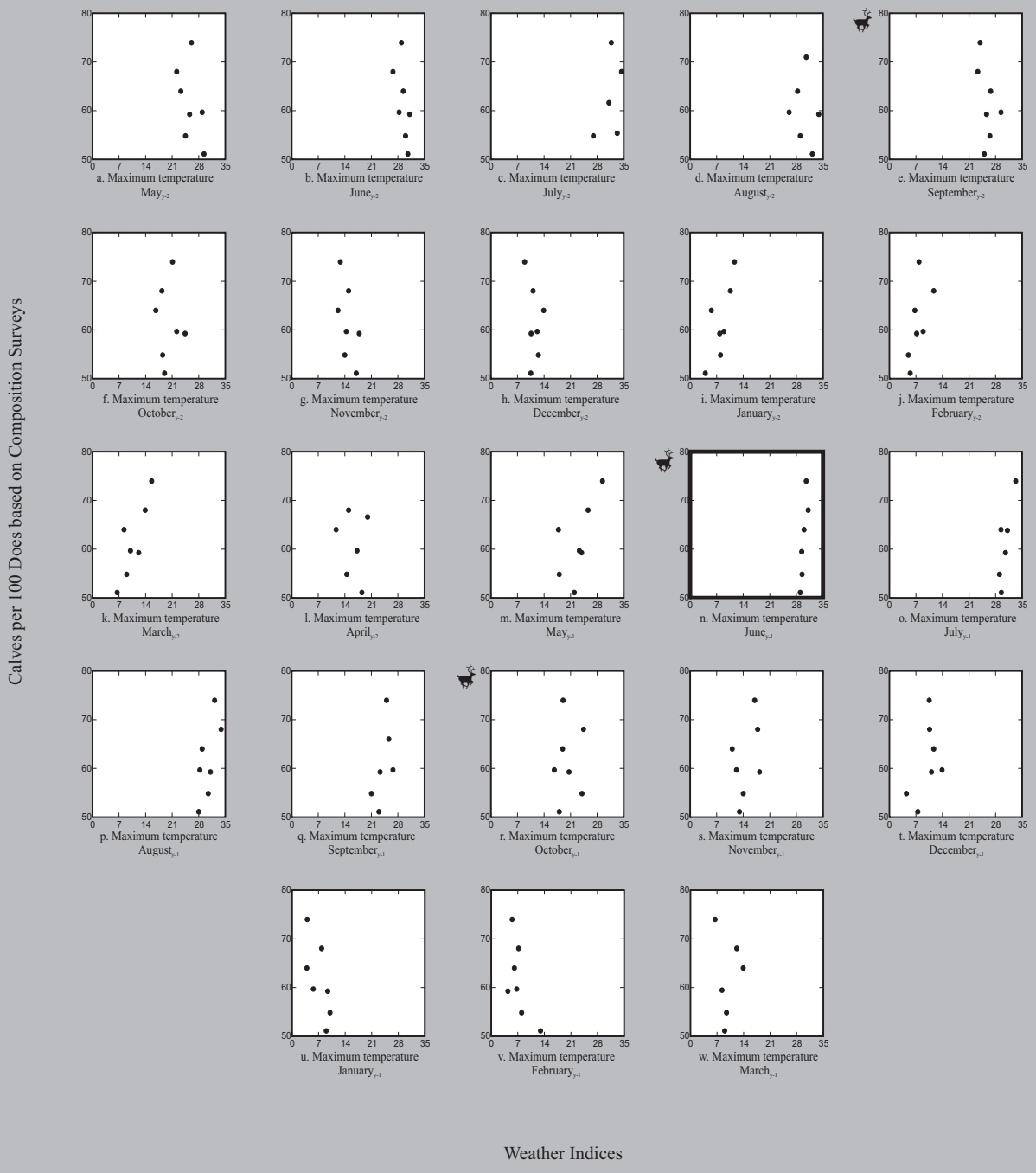


Fig. 14F-4K. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

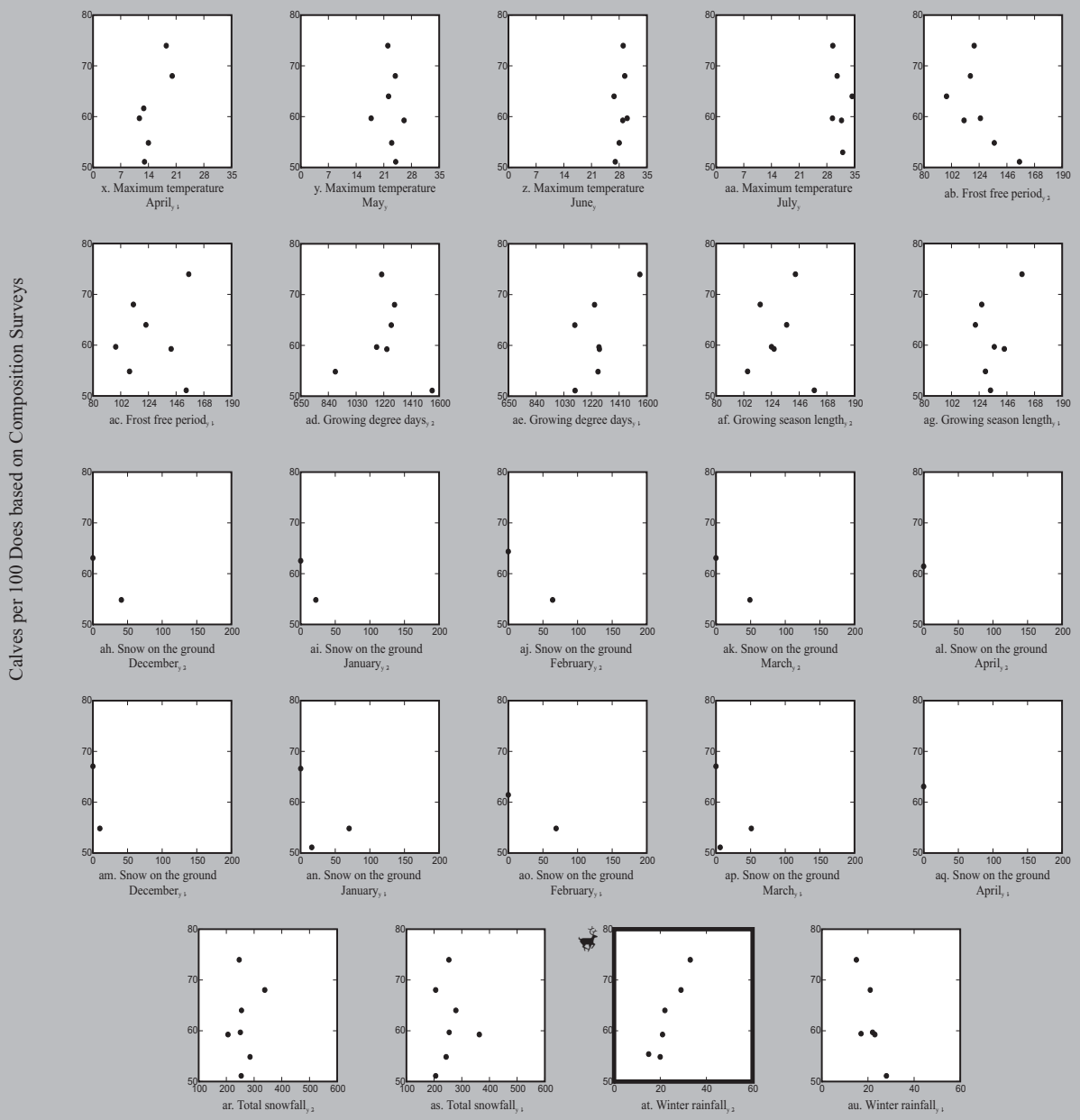


Fig. 14F-4K (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

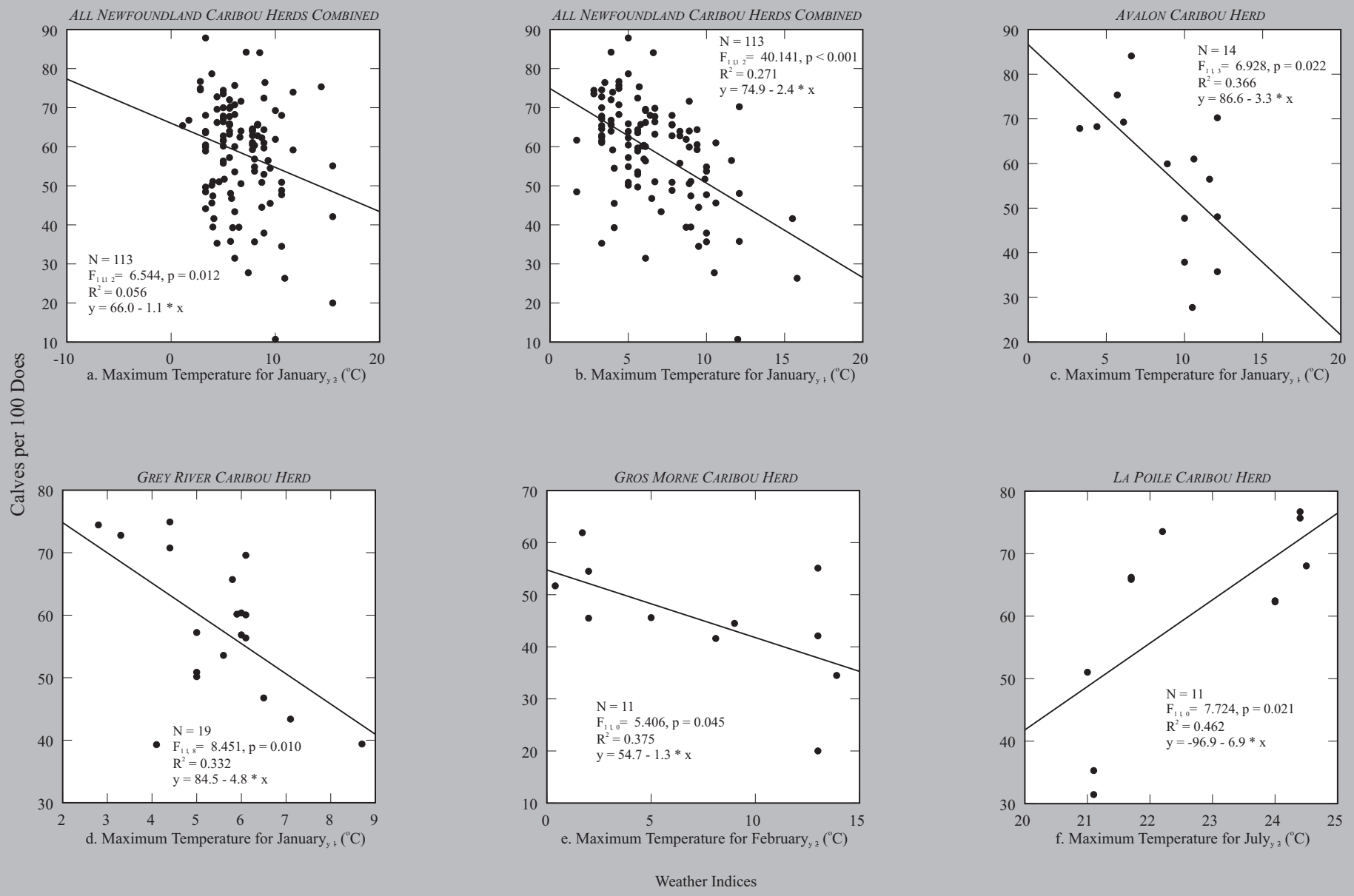


Fig. 14F-5. Simple linear regressions of Calves per 100 Does (C_100D) in the spring (May - July) and weather indices as identified in Table 14F-2. C_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

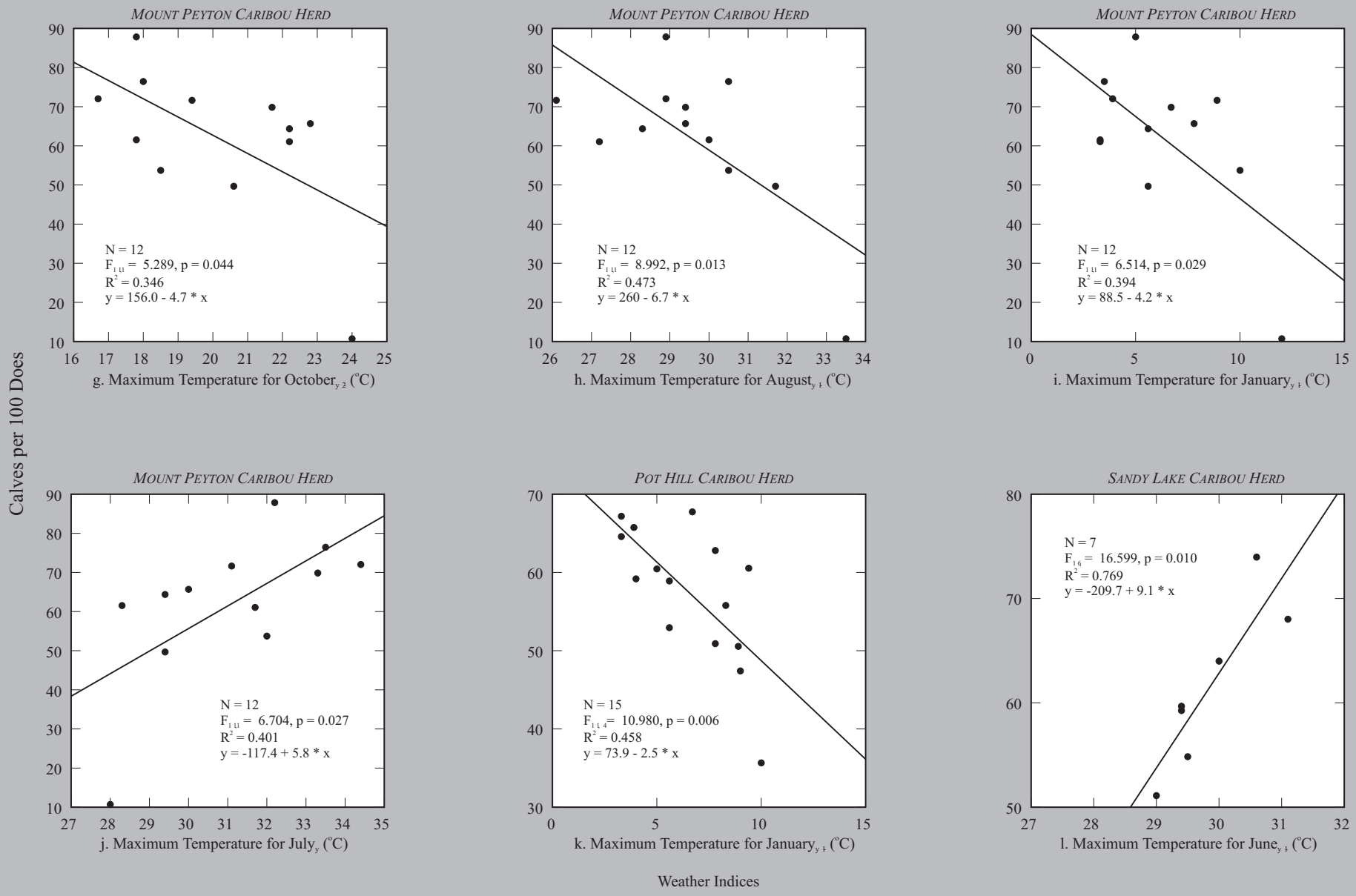


Fig. 14F-5 (con'd). Simple linear regressions of Calves per 100 Does (C_100D) in the spring (May - July) and weather indices as identified in Table 14F-2. C_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

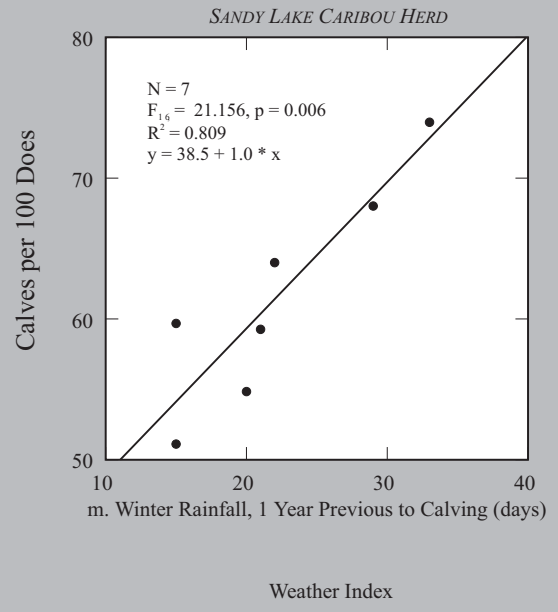


Fig. 14F-5 (con'd). Simple linear regressions of Calves per 100 Does (C_100D) in the spring (May - July) and weather indices as identified in Table 14F-2. C_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Table 14F-3. Relationship of Calves per 100 Does, determined from **fall** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of December of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance. * No variables selected.

	Caribou Herds														
Statistics	**Avalon**	**Buchans**	**Cape Shore**	**Gaff Topsails**	**Grey Islands**	**Grey River**	**Gros Morne**	**Hampden Downs**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Northern Peninsula**	**Pot Hill**	**Sandy Lake**	**All herds**
Sample size (n)	20	10	3*	8	4	20	3*	3*	19	24	15	5	6	17	157
Years	**1964-97**	**1971-97**	**1994-96**	**1975-96**	**1972-79**	**1966-86**	**1993-95**	**1978-82**	**1966-94**	**1970-95**	**1969-95**	**1972-82**	**1979-95**	**1966-96**	**1966-96**
Weather station	St. John's	Buchans	St. Brides	Deer Lake	St. Anthony	Burgeo	Daniel's Harbour	Deer Lake	Burgeo	Grand Falls		Daniel's Harbour	Grand Falls		various
Weather Indices															
(i) Maximum monthly temperature (ºC)															
May_{y-2}	**S-7**								**S-2**					**S-2**	
$June_{y-2}$											**S-8**				
$July_{y-2}$	**S-4**					**S-5**				**S-11**					
$Aug._{y-2}$											**S-6**				
$Sept._{y-2}$						**S-1**									
$Oct._{y-2}$	**S-11**								**S-6**	**S-8**	**S-3**			**S-9**	
$Nov._{y-2}$				**S-1**											
$Dec._{y-2}$	**S-8**														
$Jan._{y-2}$		**S-3**									**S-5**			**S-4**	
$Feb._{y-2}$				**S-2**											
$March_{y-2}$															
$April_{y-2}$										**S-5**				**S-11**	
May_{y-1}									**S-9**		**S-10**			**S-13**	
$June_{y-1}$	**S-1**			**S-2**						**S-4**				**S-8**	**S-3**
$July_{y-1}$									**S-16**						
$Aug._{y-1}$	**S-10**									**S-6**				**S-6**	
$Sept._{y-1}$					n/a				**S-14**						
$Oct._{y-1}$	**S-5**								**S-1**	**S-2**					
$Nov._{y-1}$						**S-4**				**S-12**	**S-12**				
$Dec._{y-1}$						**S-6**								**S-7**	**S-4**
$Jan._{y-1}$									**S-7**	**S-7**					
$Feb._{y-1}$									**R**	**S-9**					
$March_{y-1}$										**S-13**				**S-14**	
$April_{y-1}$										**S-14**					
May_{y}	**S-3**								**B-2; S-12**	**S-15**	**S-4; B-1**	**S-1; B-1**			
$June_{y}$														**B-1**	
$July_{y}$	**S-9**					**S-7**			**R; B-1**	**S-1; B-1**					
$Aug._{y}$				**B-1**						**S-10**	**S-11**		**S-2; B-2**		
$Sept._{y}$						**B-5**						**S-2; B-2**		**R**	
$Oct._{y}$	**S-2**														**S-2**
$Nov._{y}$		**S-5**							**S-5**						**S-7**
$Dec._{y}$	**B-1**					**B-4**					**S-1; B-2**			**S-12**	

Table 14F-3 (con'd). Relationship of Calves per 100 Does, determined from **fall** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of December of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship (α = 0.15) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance. * No variables selected.

	Caribou Herds														
Statistics	**Avalon**	**Buchans**	**Cape Shore**	**Gaff Topsails**	**Grey Islands**	**Grey River**	**Gros Morne**	**Hampden Downs**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Northern Peninsula**	**Pot Hill**	**Sandy Lake**	**All herds**
Sample size (n)	20	10	3*	8	4	20	3*	3*	19	24	15	5	6	17	157
Years	**1964-97**	**1971-97**	**1994-96**	**1975-96**	**1972-79**	**1966-86**	**1993-95**	**1978-82**	**1966-94**	**1970-95**	**1969-95**	**1972-82**	**1979-95**	**1966-96**	**1966-96**
Weather station	St. John's	Buchans	St. Brides	Deer Lake	St. Anthony	Burgeo	Daniel's Harbour	Deer Lake	Burgeo	Grand Falls		Daniel's Harbour	Grand Falls		various
Weather Indices															
(ii) Frost free period (days)															
y-2		**S-4**							**S-8**					**S-10**	
y-1									**S-3**		**S-7**				n/a
y						**B-1**				**B-2**					n/a
(iii) Growing degree days (days)															
y-2									**S-10**						
y-1						**S-3**									**S-5**
y						**B-3**			**S-15**	**S-16**				n/a	n/a
(iv) Growing season length (days)															
y-2									**S-4**					**S-5**	**S-6**
y-1									**S-13**					**S-1**	
y					**B-1**	**B-2**					**S-2; B-3**		**S-1; B-1**	**S-3**	n/a
(v) Snow depth (cm) on the ground on the last day of the month															
$Dec._{y-2}$	n/a	n/a	n/a	n/a					**S-11**	n/a	n/a		n/a	n/a	n/a
$Jan._{y-2}$	n/a		n/a			n/a			n/a	n/a	n/a			n/a	n/a
$Feb._{y-2}$	n/a		n/a	n/a		n/a			n/a	n/a	n/a			n/a	n/a
$March_{y-2}$	n/a		n/a							n/a	n/a			n/a	n/a
$April_{y-2}$	n/a	n/a	n/a	n/a		n/a	n/a		n/a	n/a	n/a	n/a		n/a	n/a
$Dec._{y-1}$	n/a	n/a	n/a			**S-8**	n/a			n/a	n/a			n/a	n/a
$Jan._{y-1}$	n/a		n/a							n/a	n/a		n/a	n/a	n/a
$Feb._{y-1}$	n/a		n/a			n/a			n/a	n/a	n/a		n/a	n/a	n/a
$March_{y-1}$	n/a		n/a							n/a	n/a		n/a	n/a	n/a
$April_{y-1}$	n/a	n/a	n/a			n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a	n/a
$Dec._{y}$	n/a		n/a				n/a		n/a	n/a	n/a		n/a	n/a	n/a
(vi) Total snowfall (cm)															
y-2															
y-1		**S-1**								**S-3**			**S-9**		
(vii) Winter rainfall (days)															
y-2	**S-6**	**S-2**							**R**						
y-1															**S-1**

Fig. 14F-6A. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

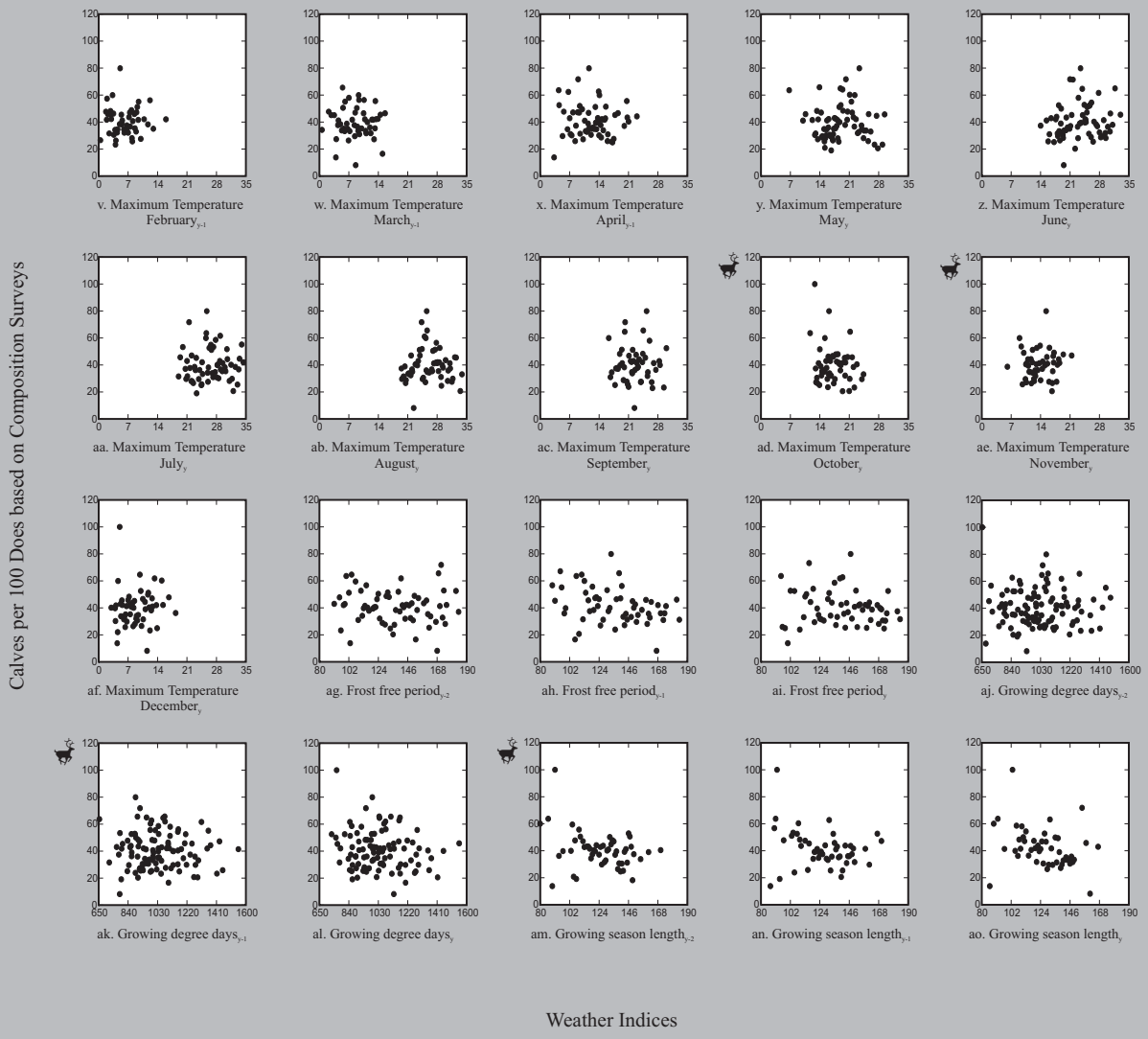


Fig. 14F-6A (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

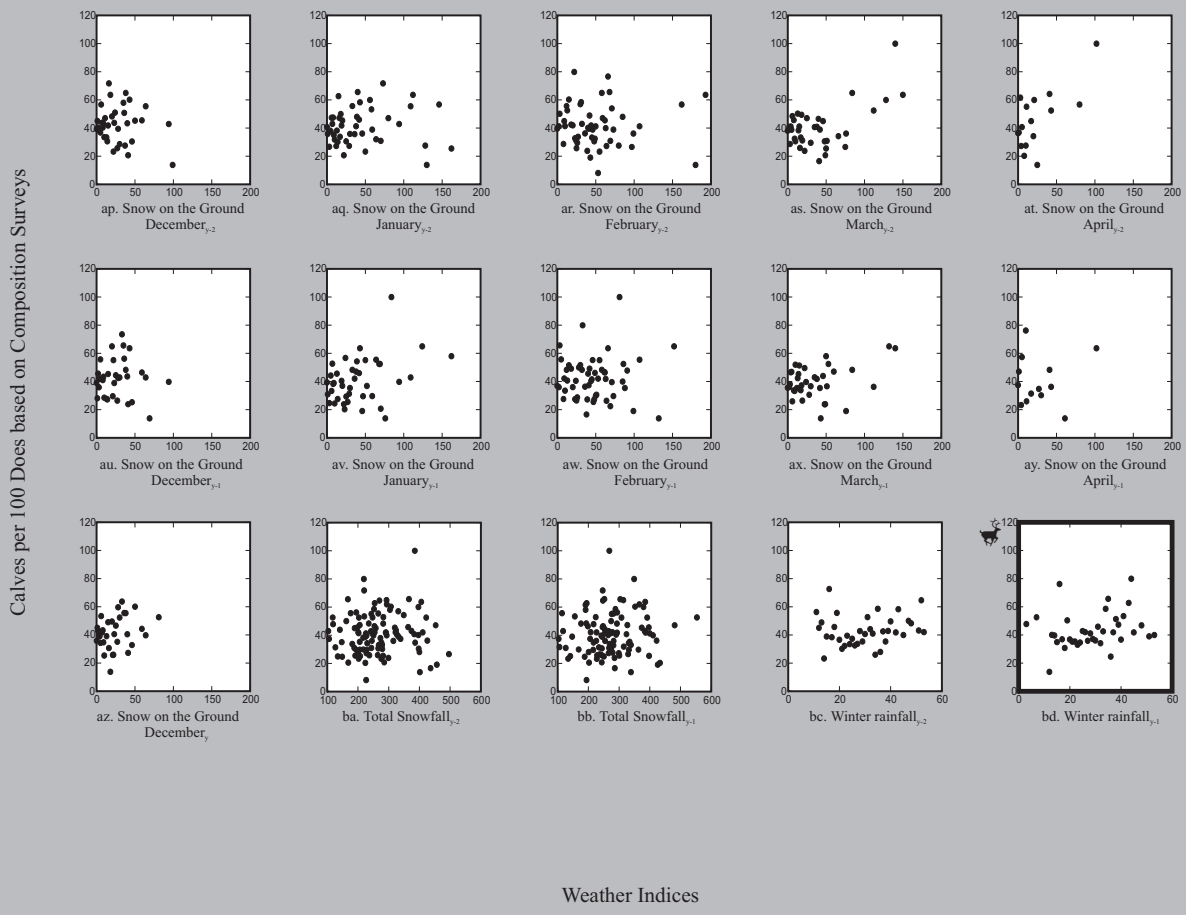


Fig. 14F-6A (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

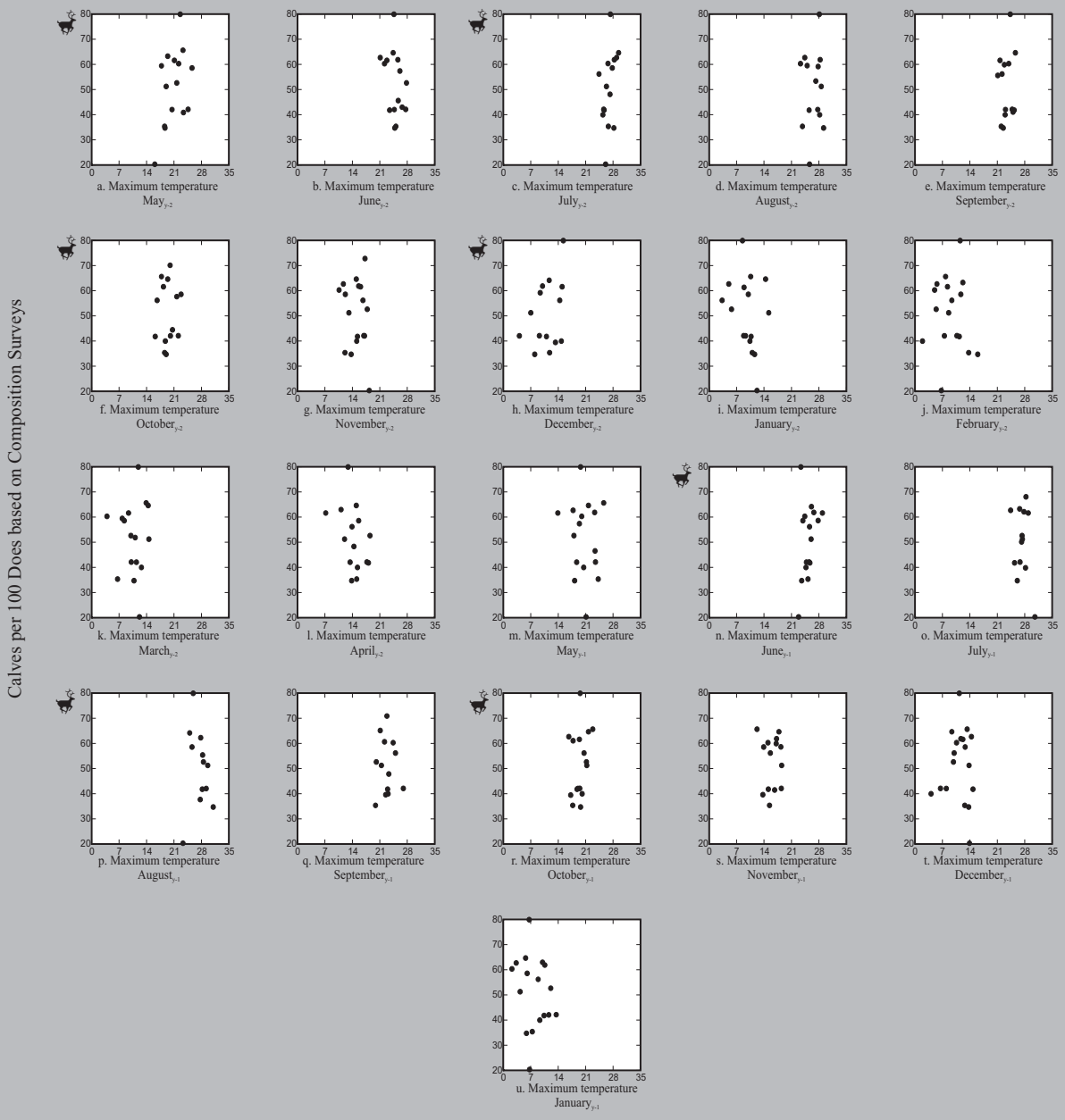


Fig. 14F-6B. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

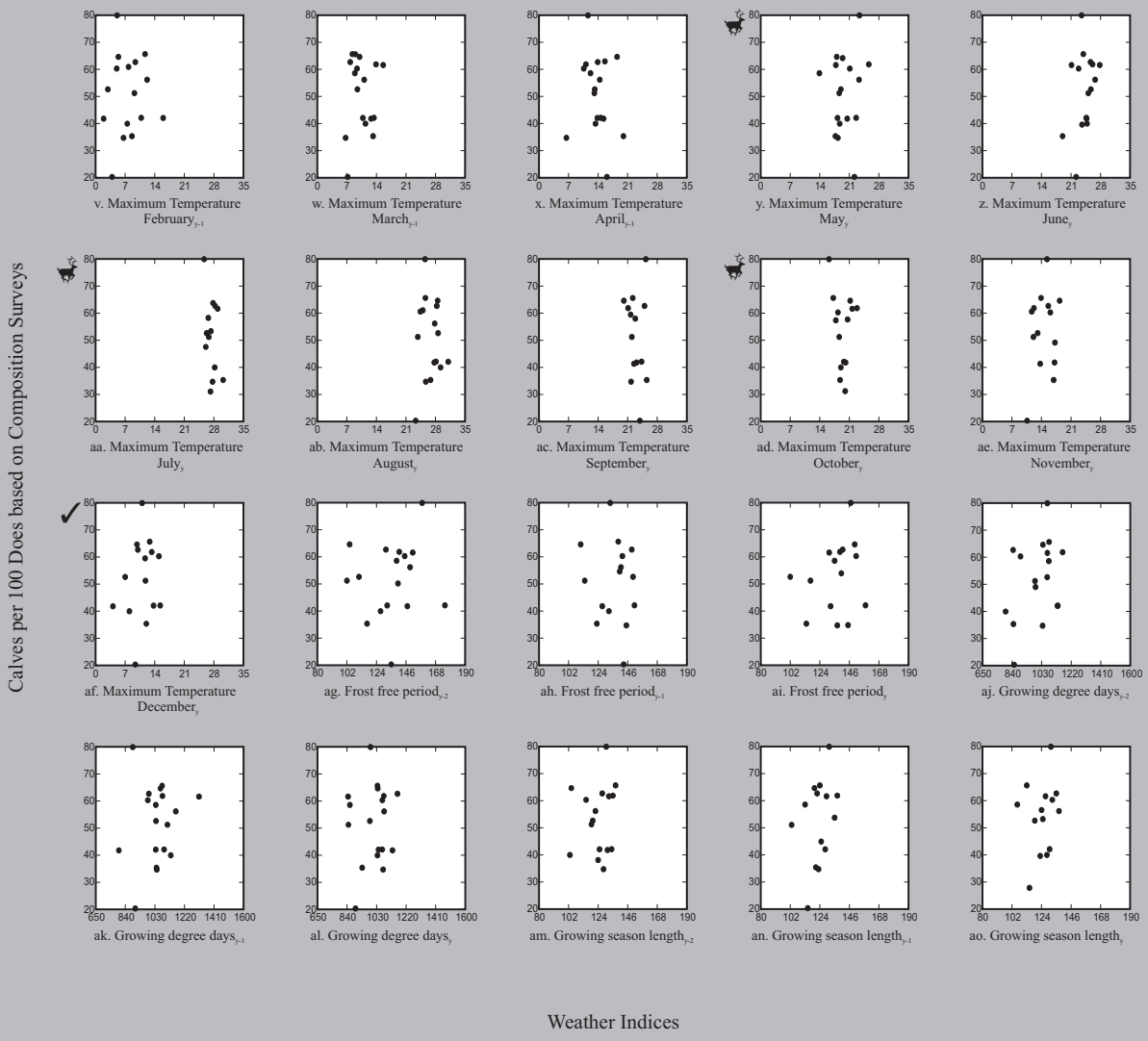


Fig. 14F-6B (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

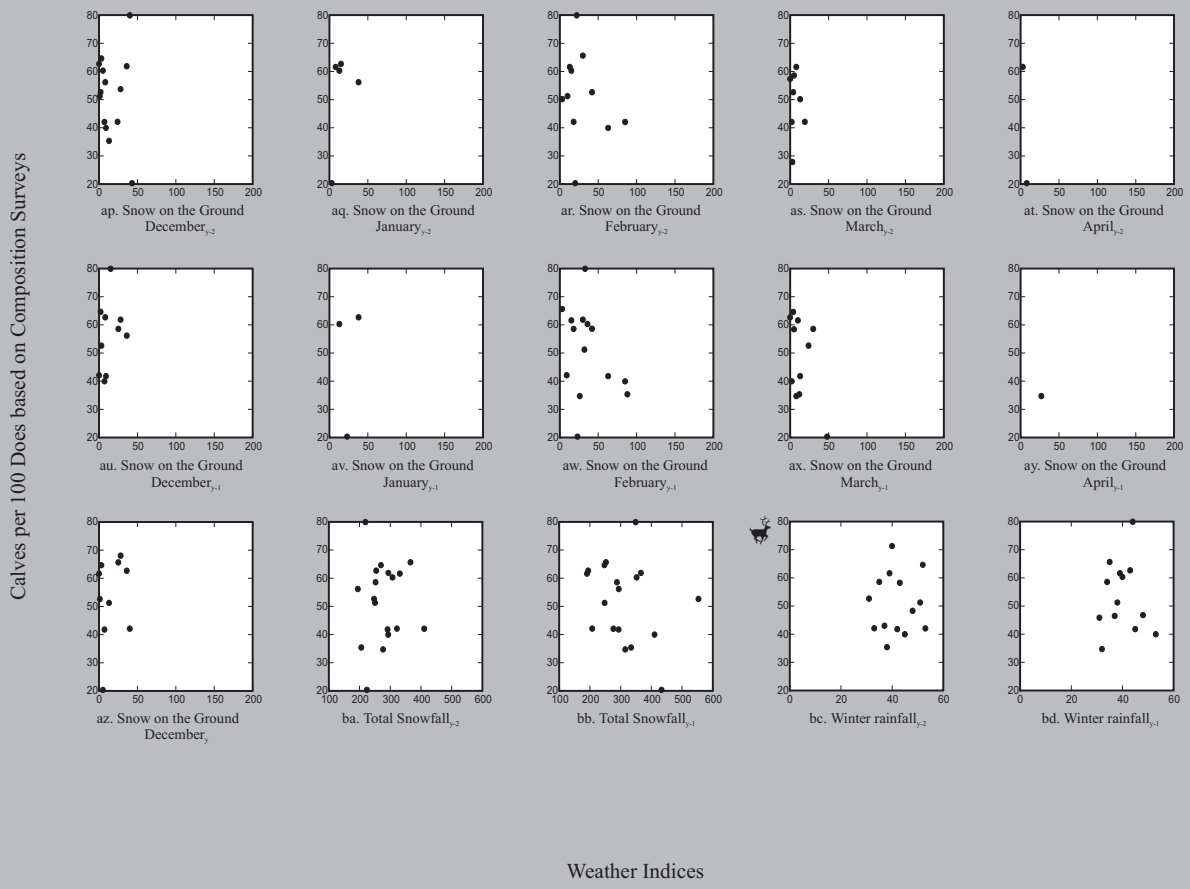


Fig. 14F-6B (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

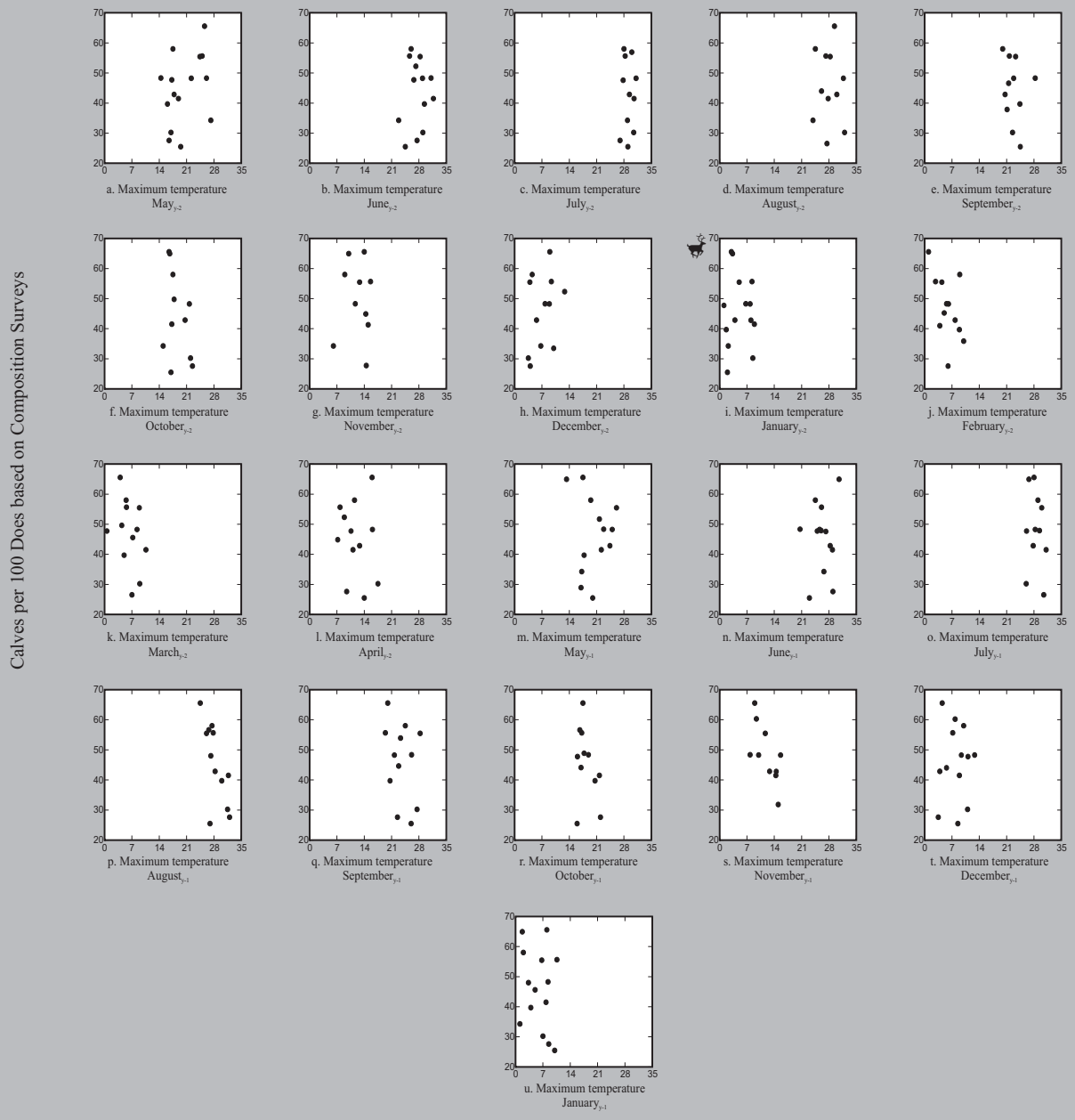


Fig. 14F-6C. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

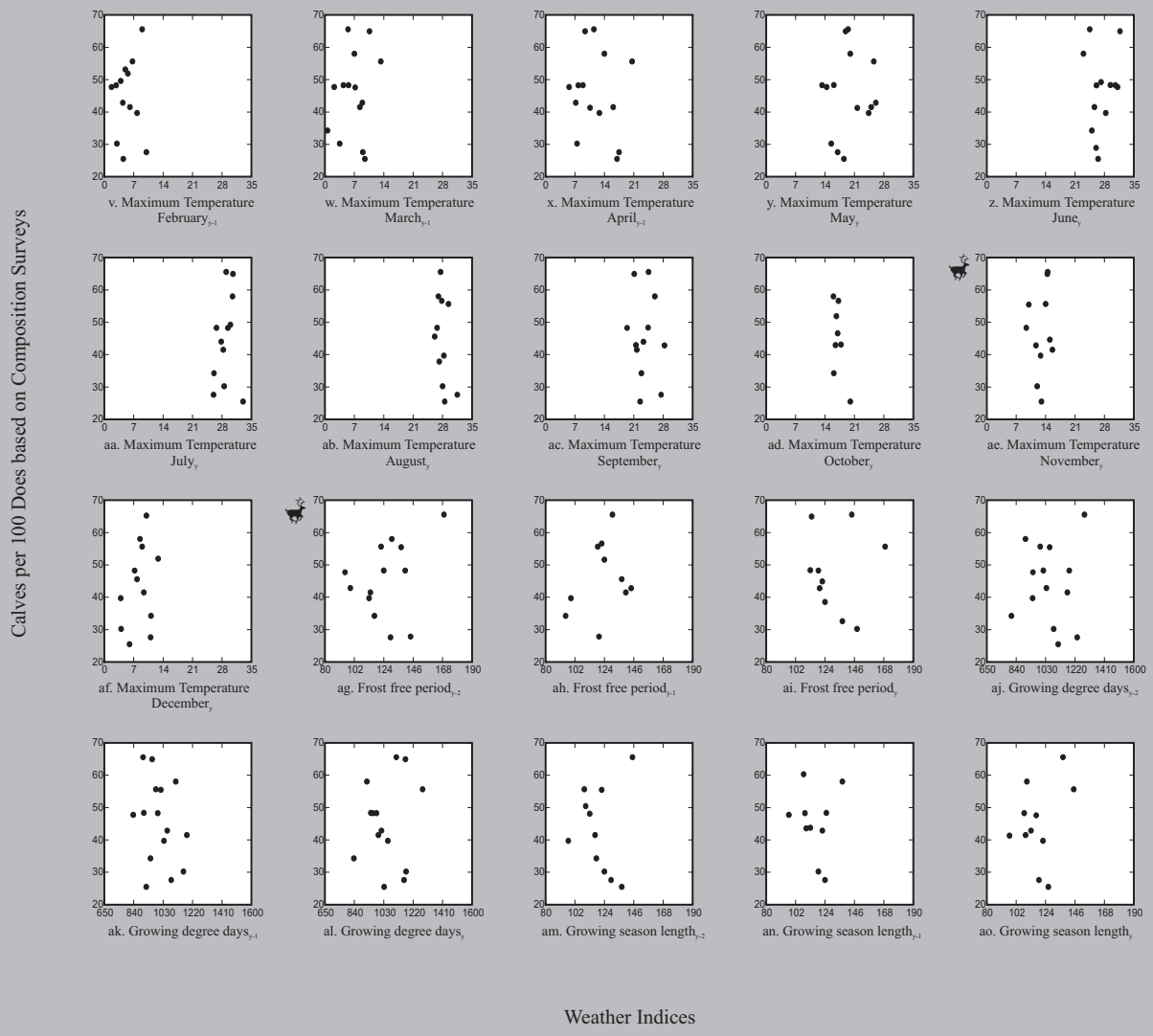


Fig. 14F-6C (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

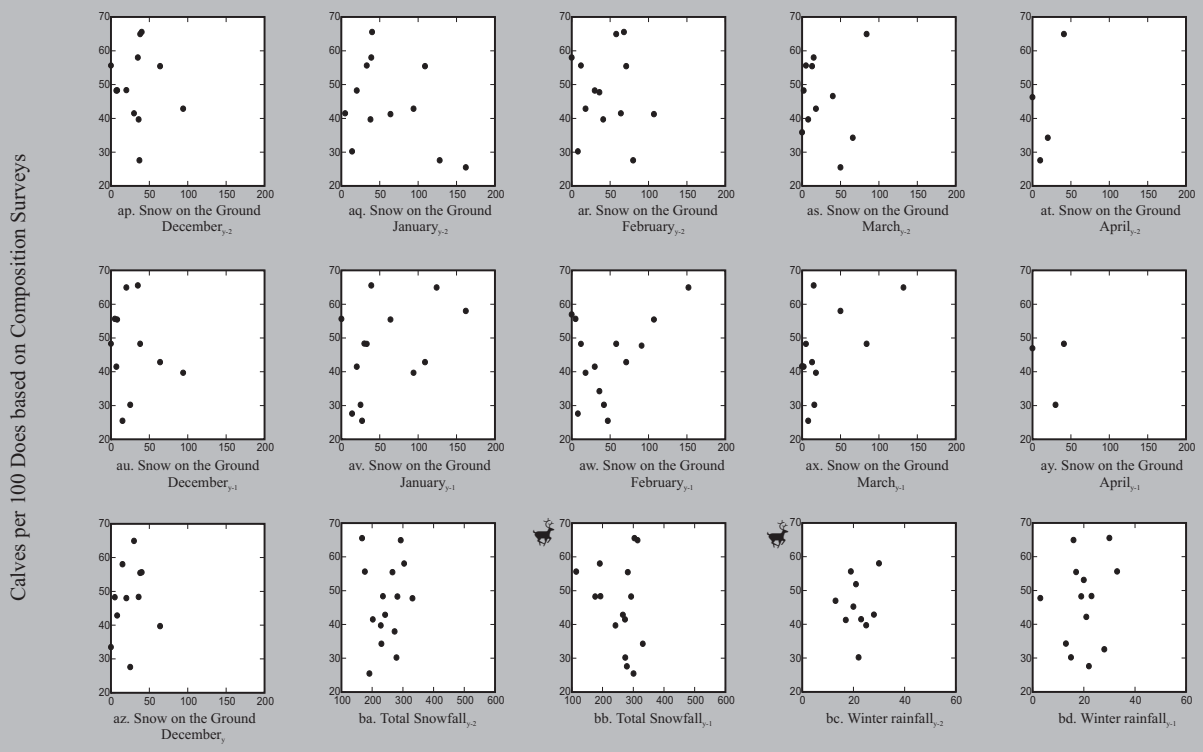


Fig. 14F-6C (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

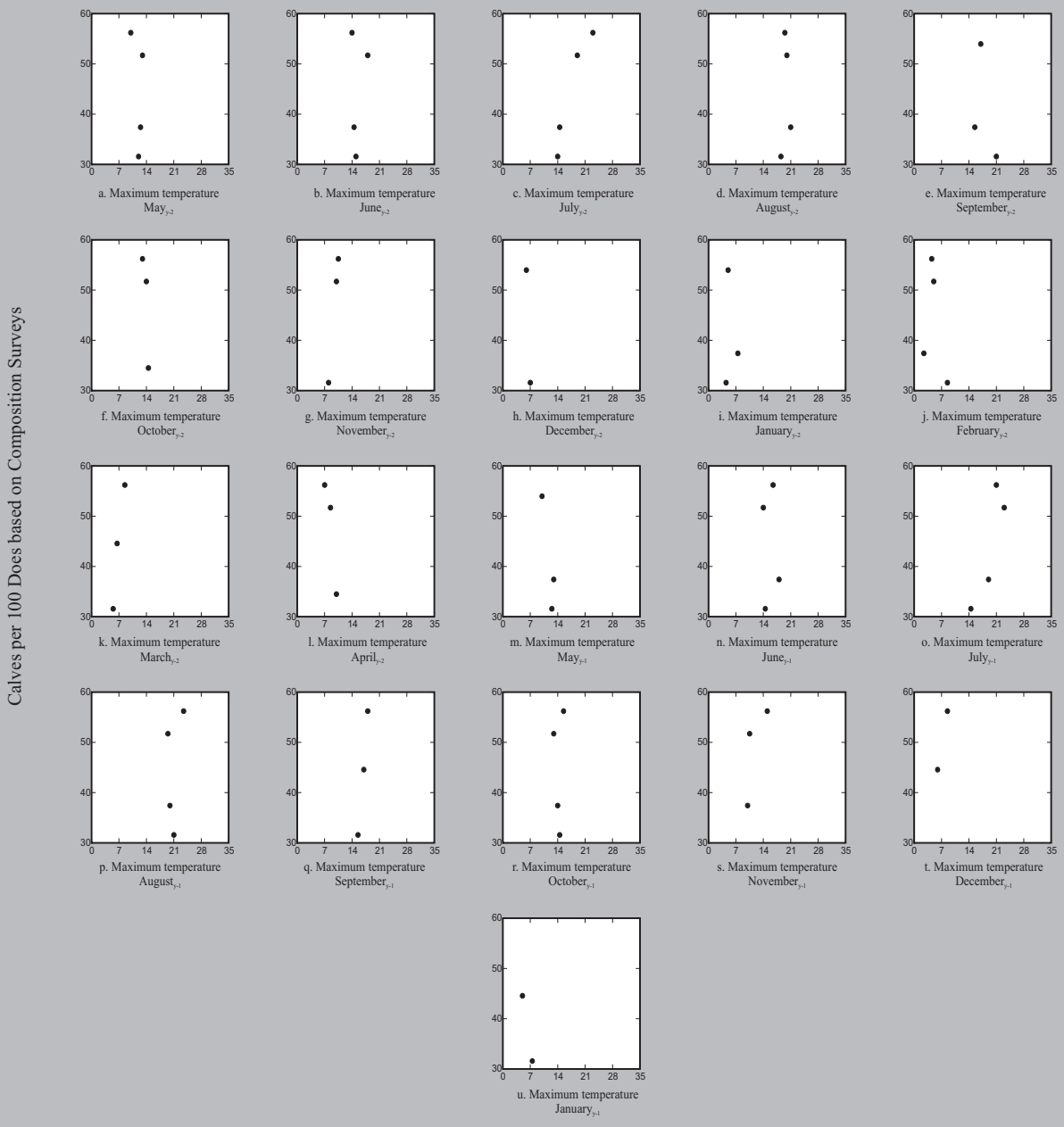


Fig. 14F-6D. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Cape Shore Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

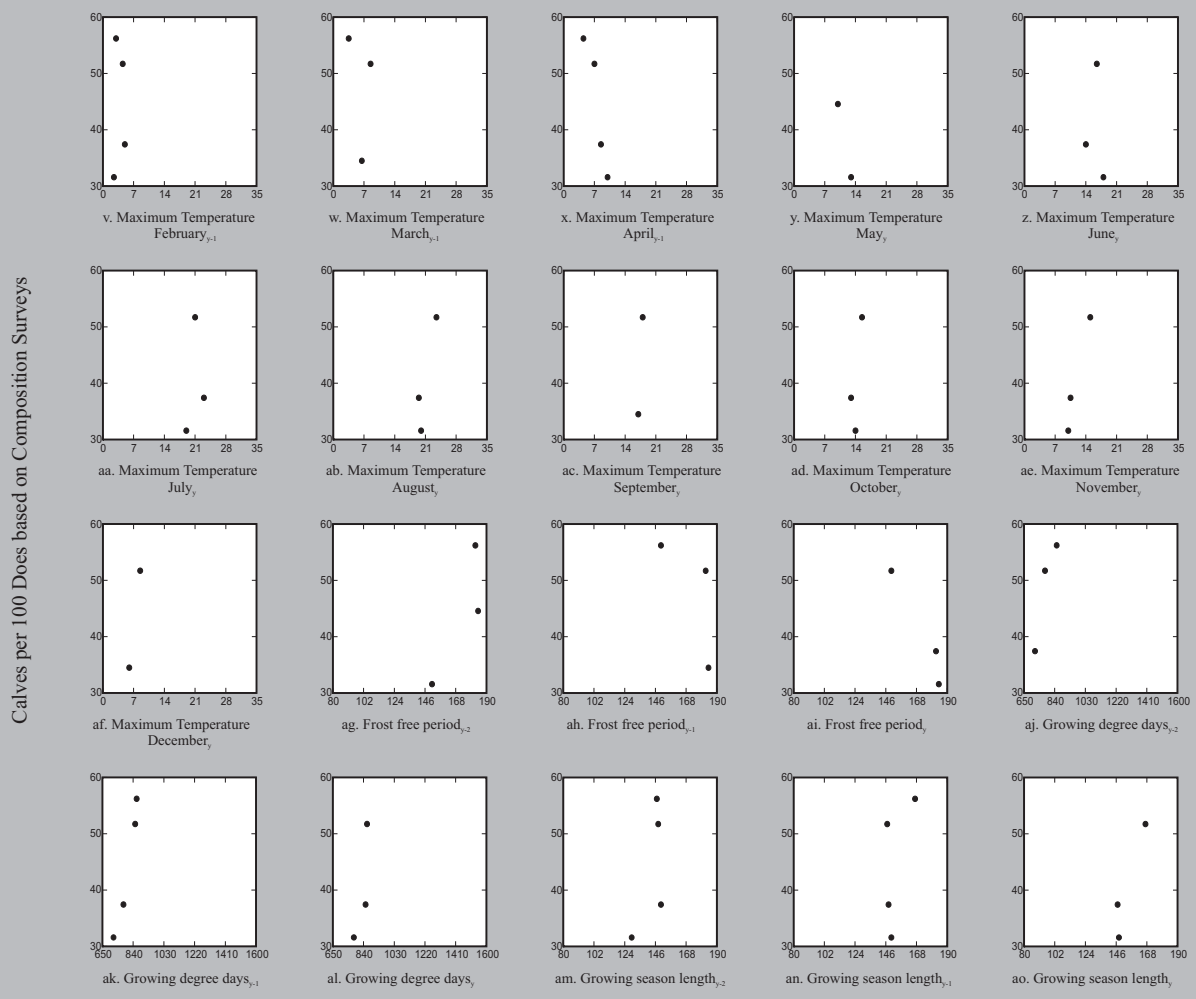


Fig. 14F-6D (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Cape Shore Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

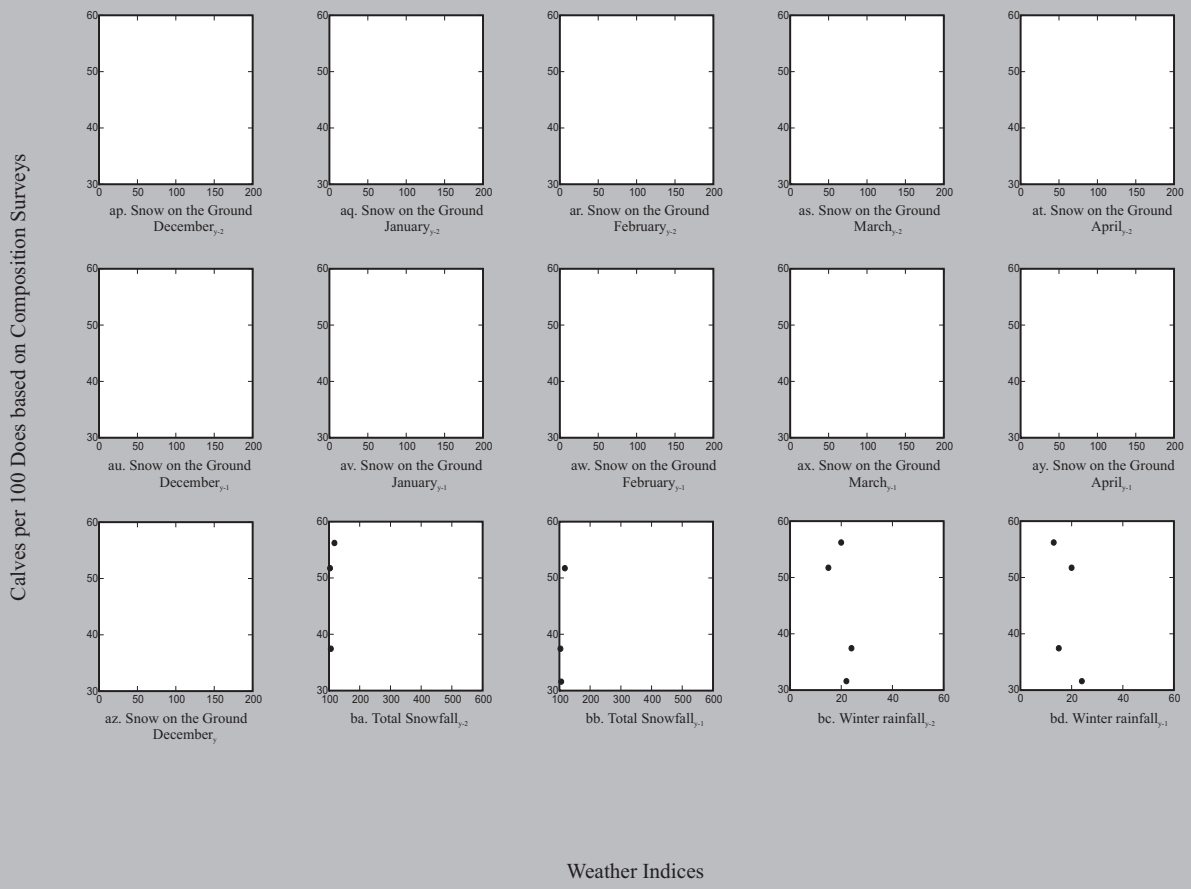


Fig. 14F-6D (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December)Composition Surveys for the Cape Shore Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

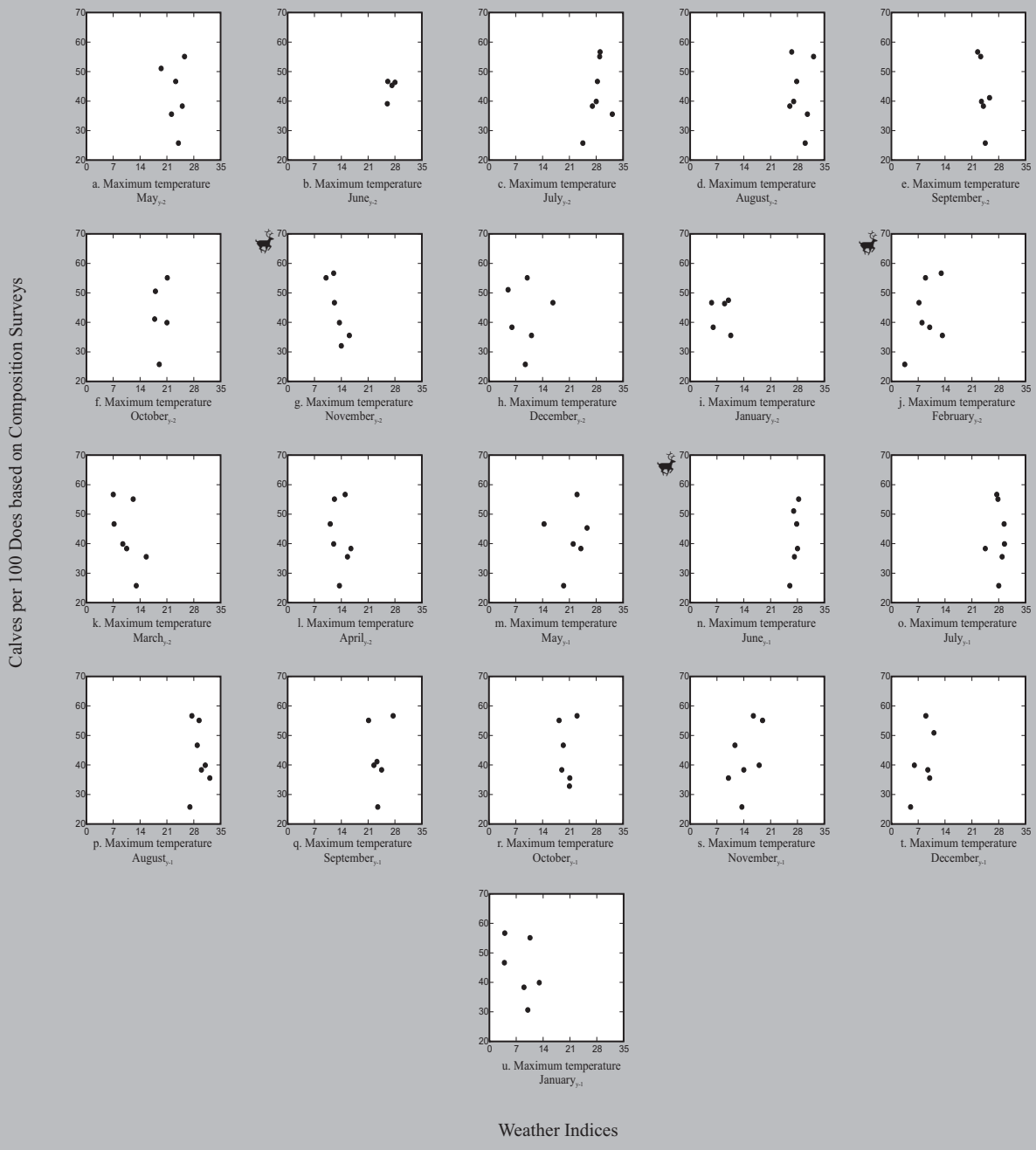


Fig. 14F-6E. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Gaff Topsails Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

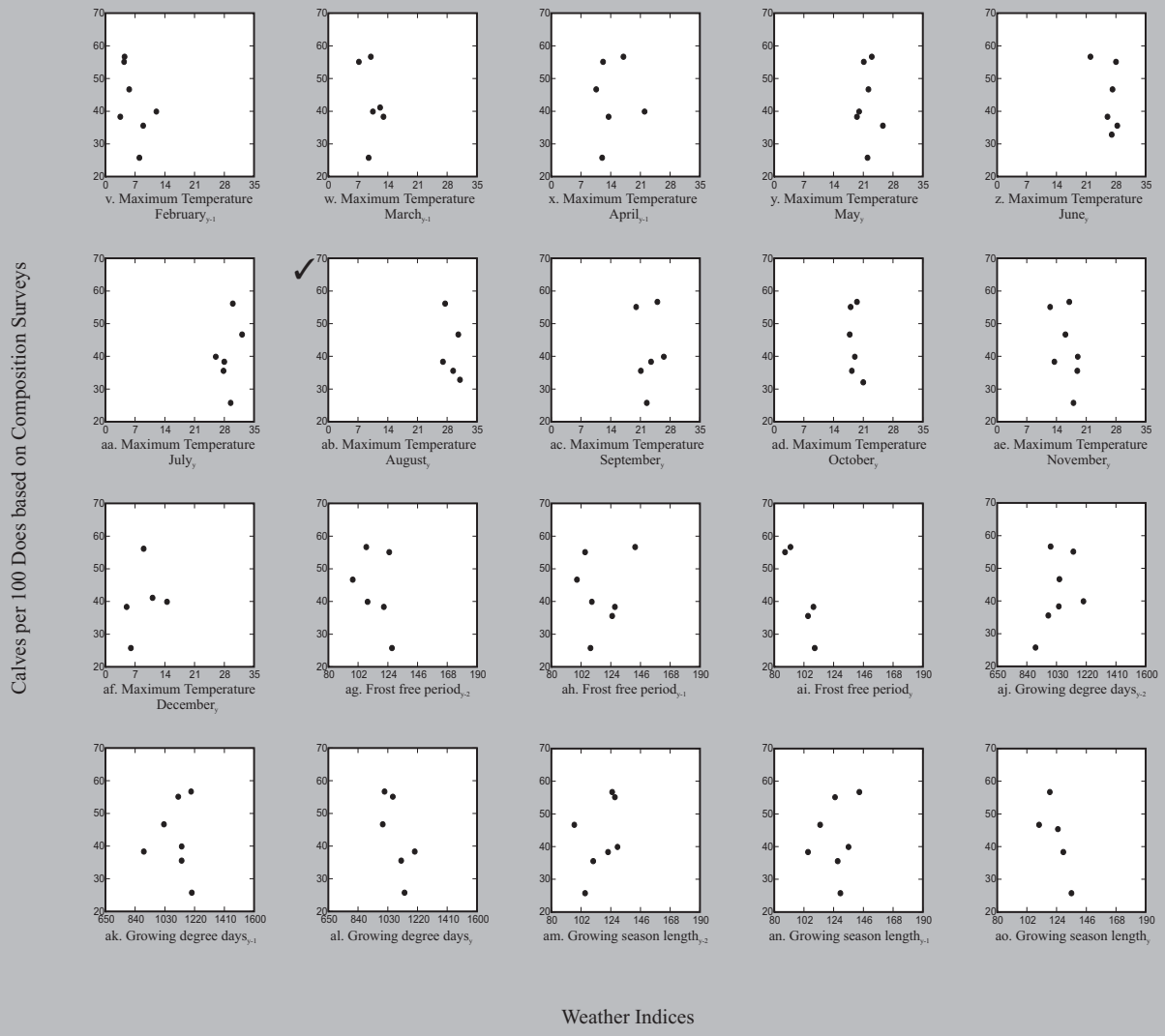


Fig. 14F-6E (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Gaff Topsails Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

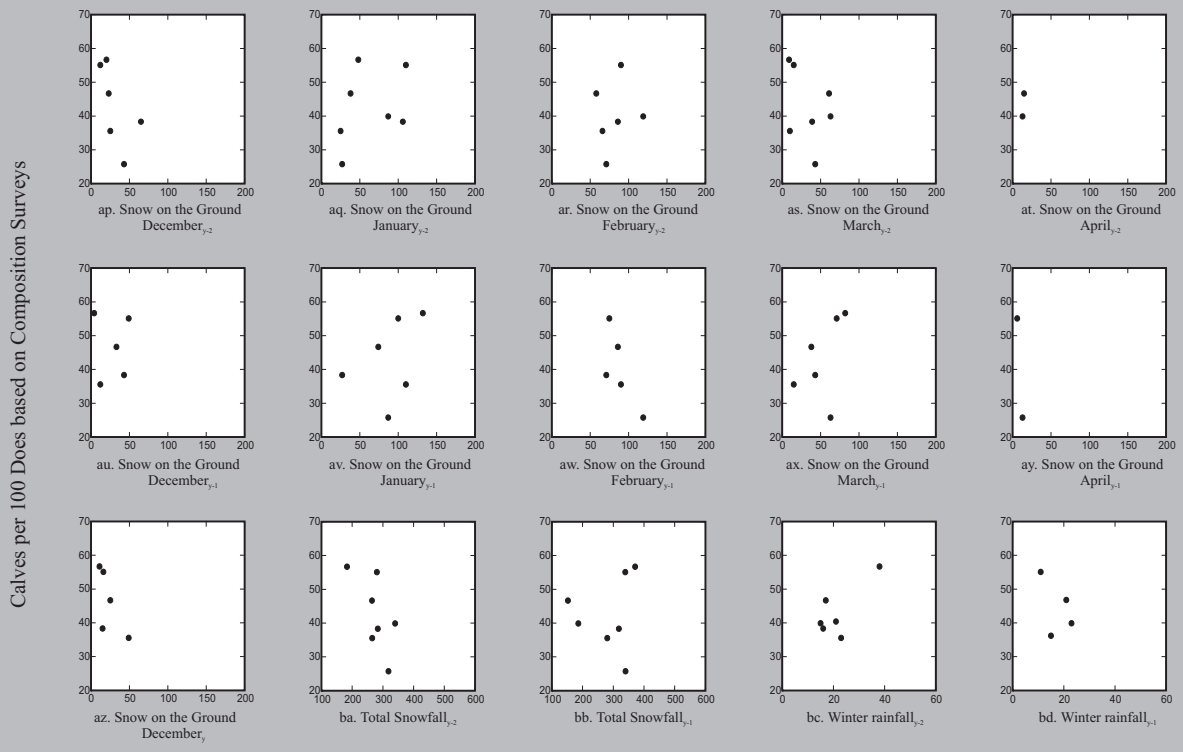


Fig. 14F-6E (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Gaff Topsails Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

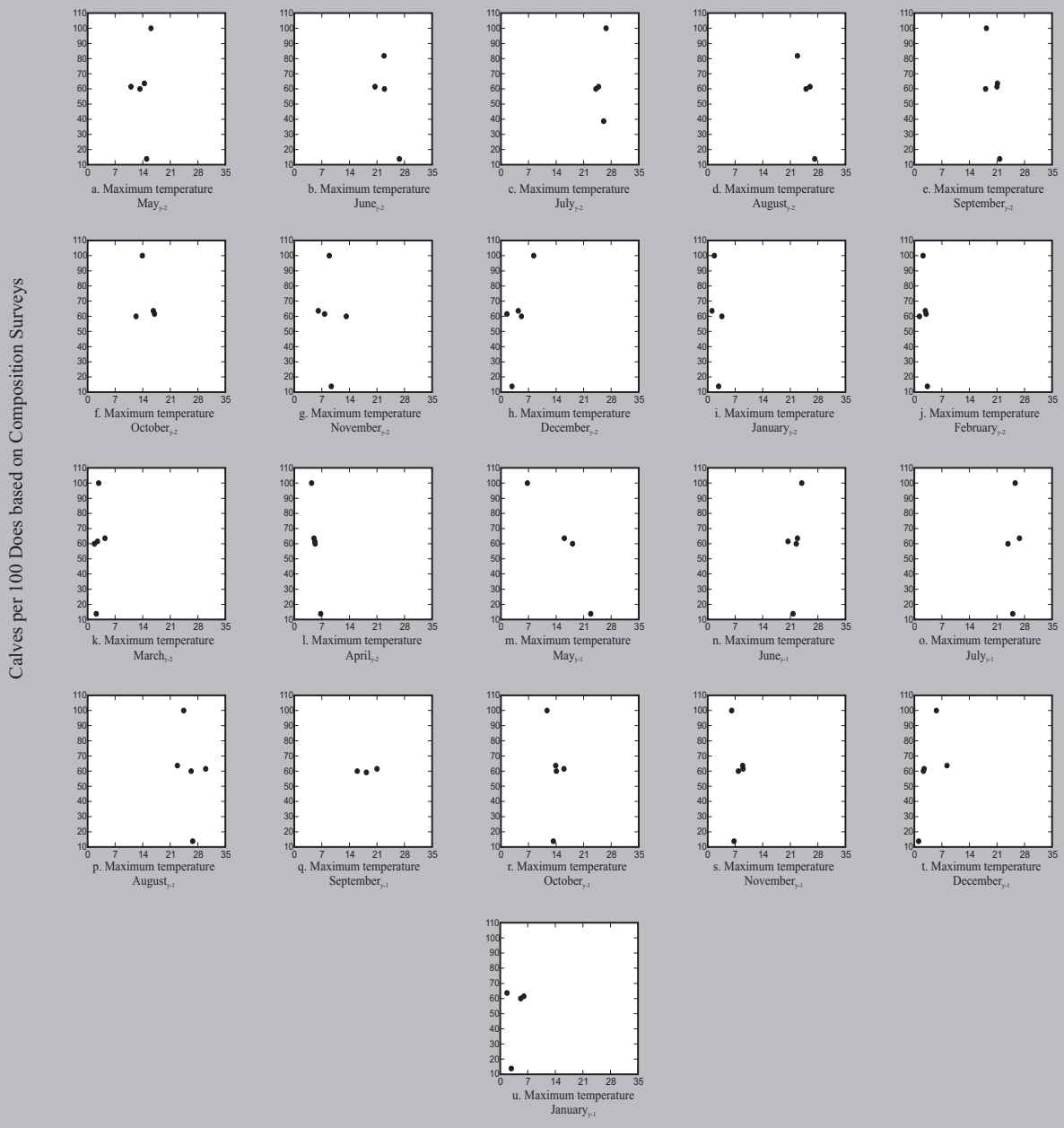


Fig. 14F-6F. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Grey Islands Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

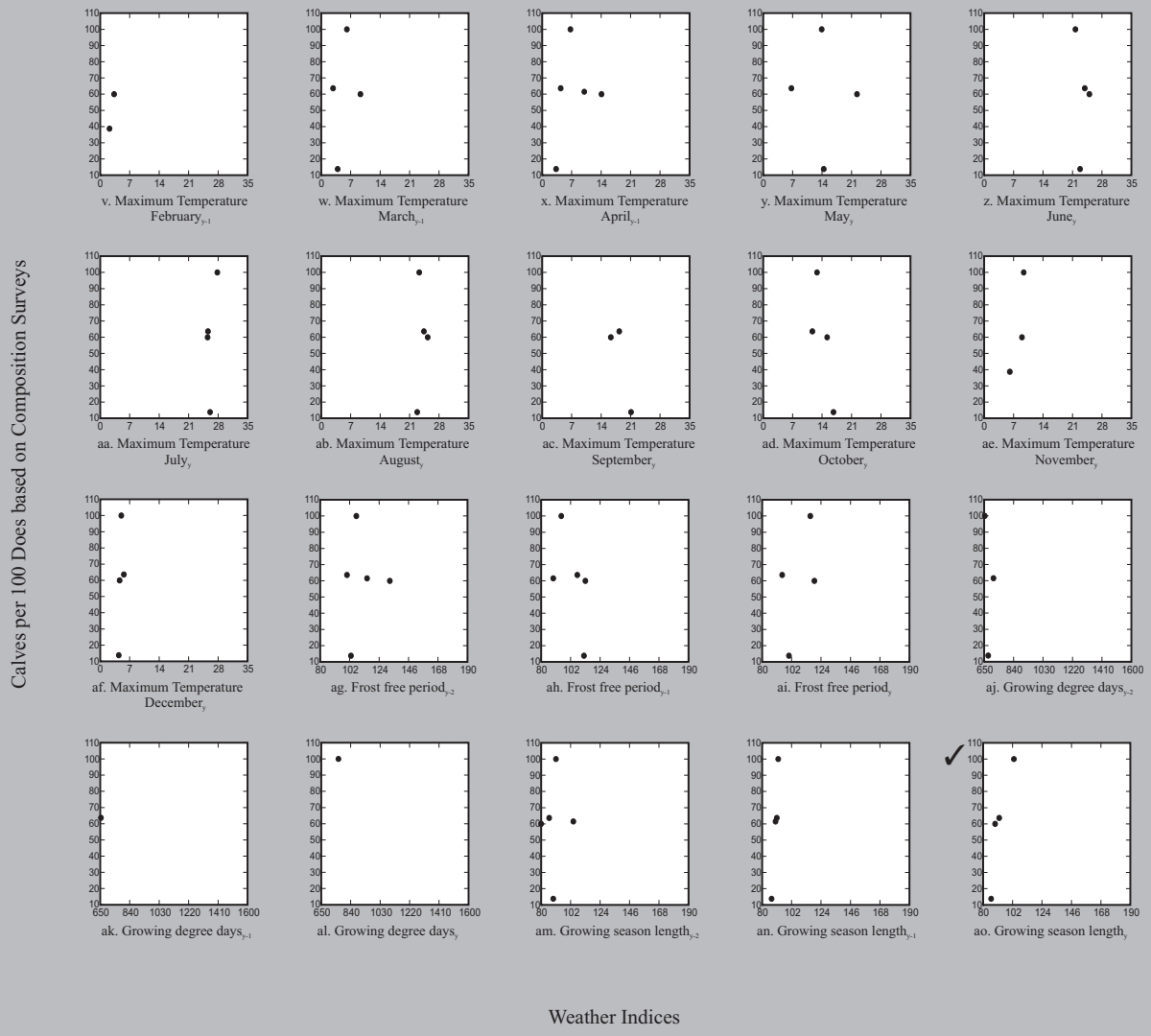


Fig. 14F-6F (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December)Composition Surveys for the Grey Islands Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

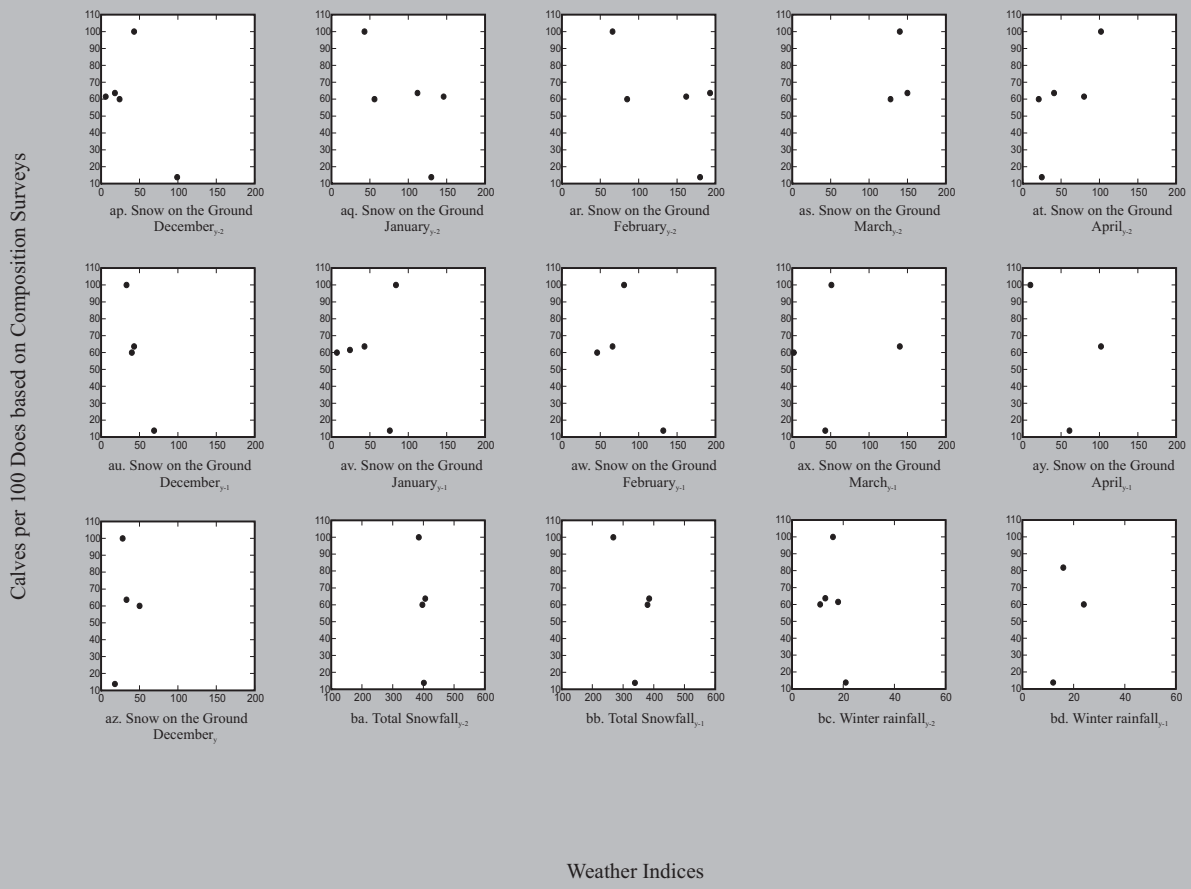


Fig. 14F-6F (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Grey Islands Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

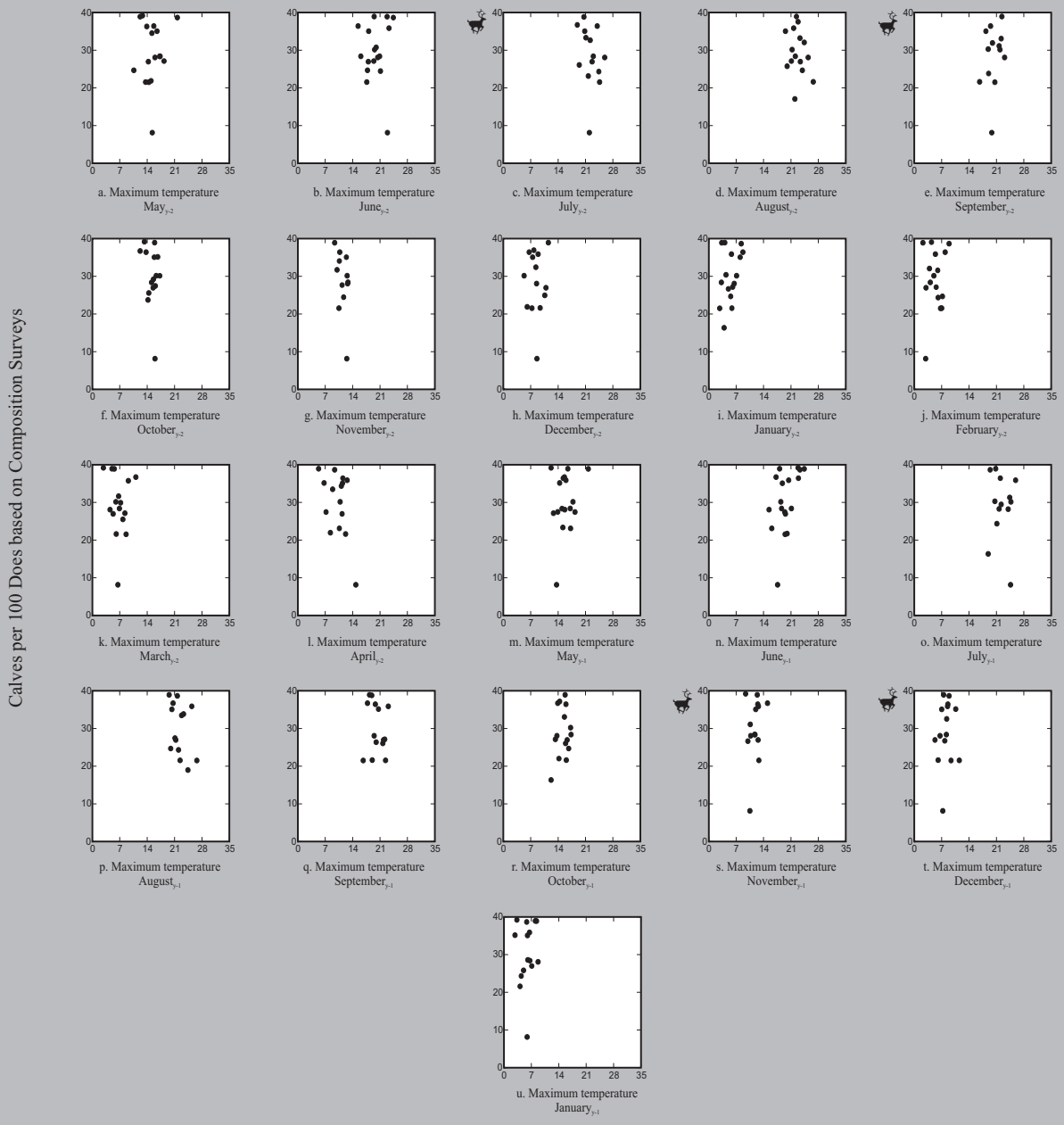


Fig. 14F-6G. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

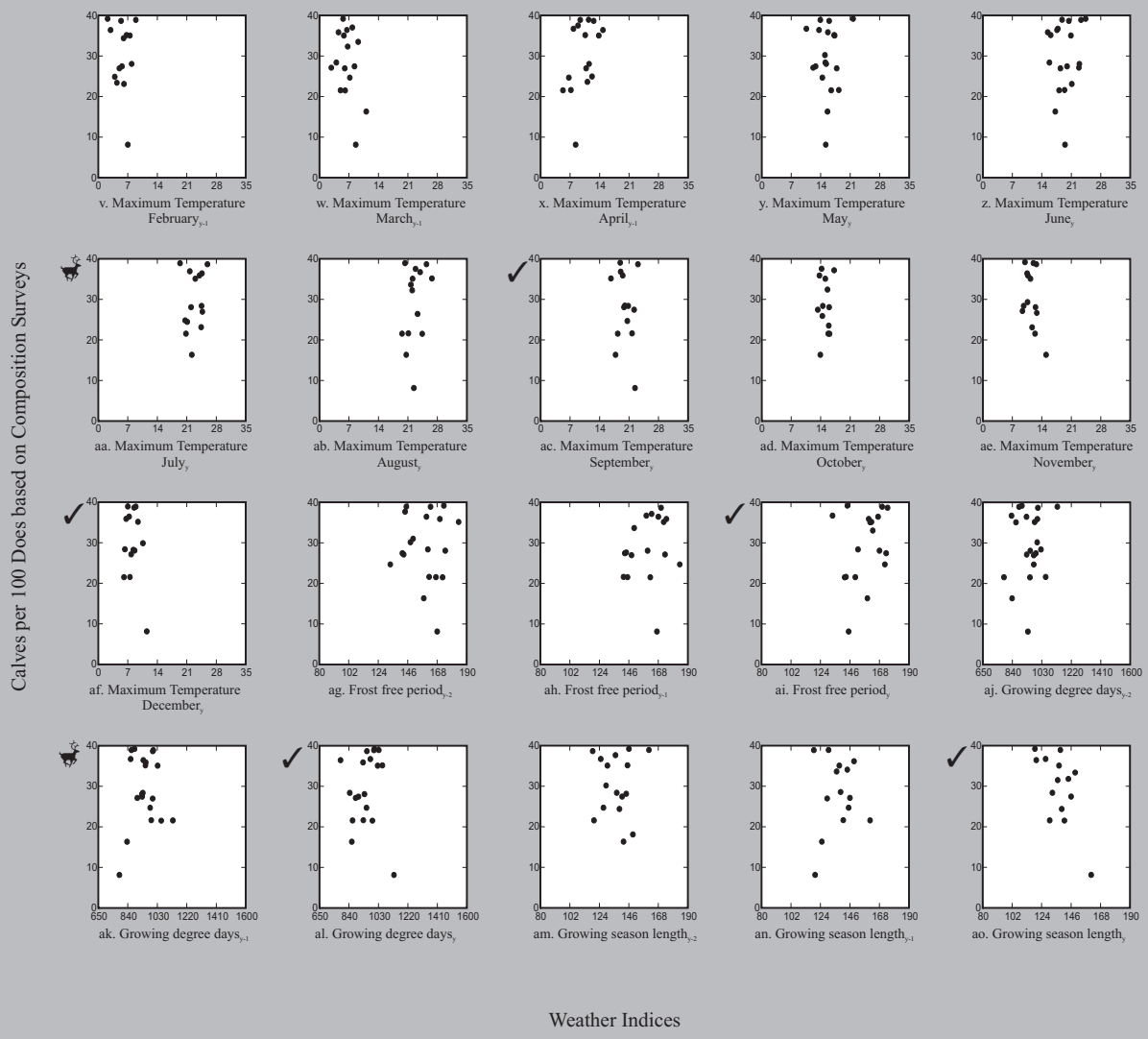


Fig. 14F-6G (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

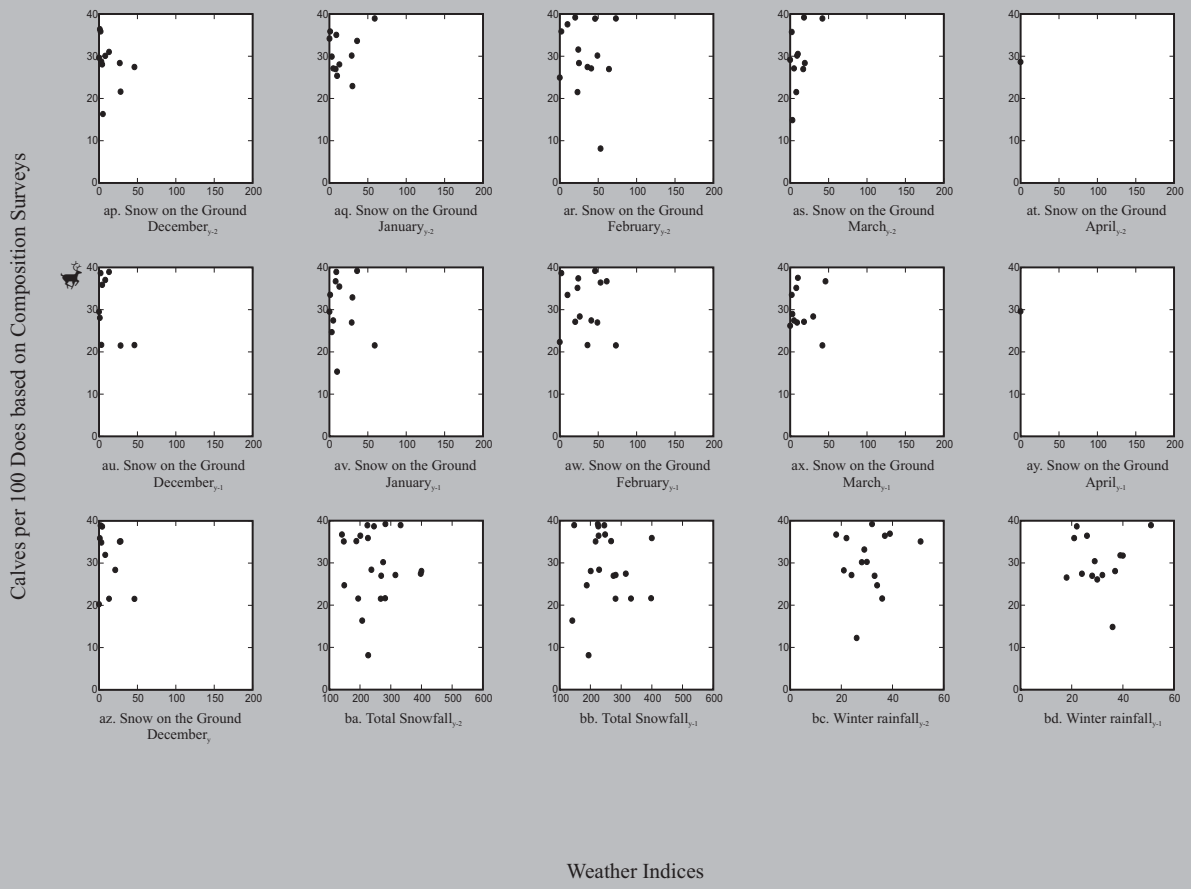


Fig. 14F-6G (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

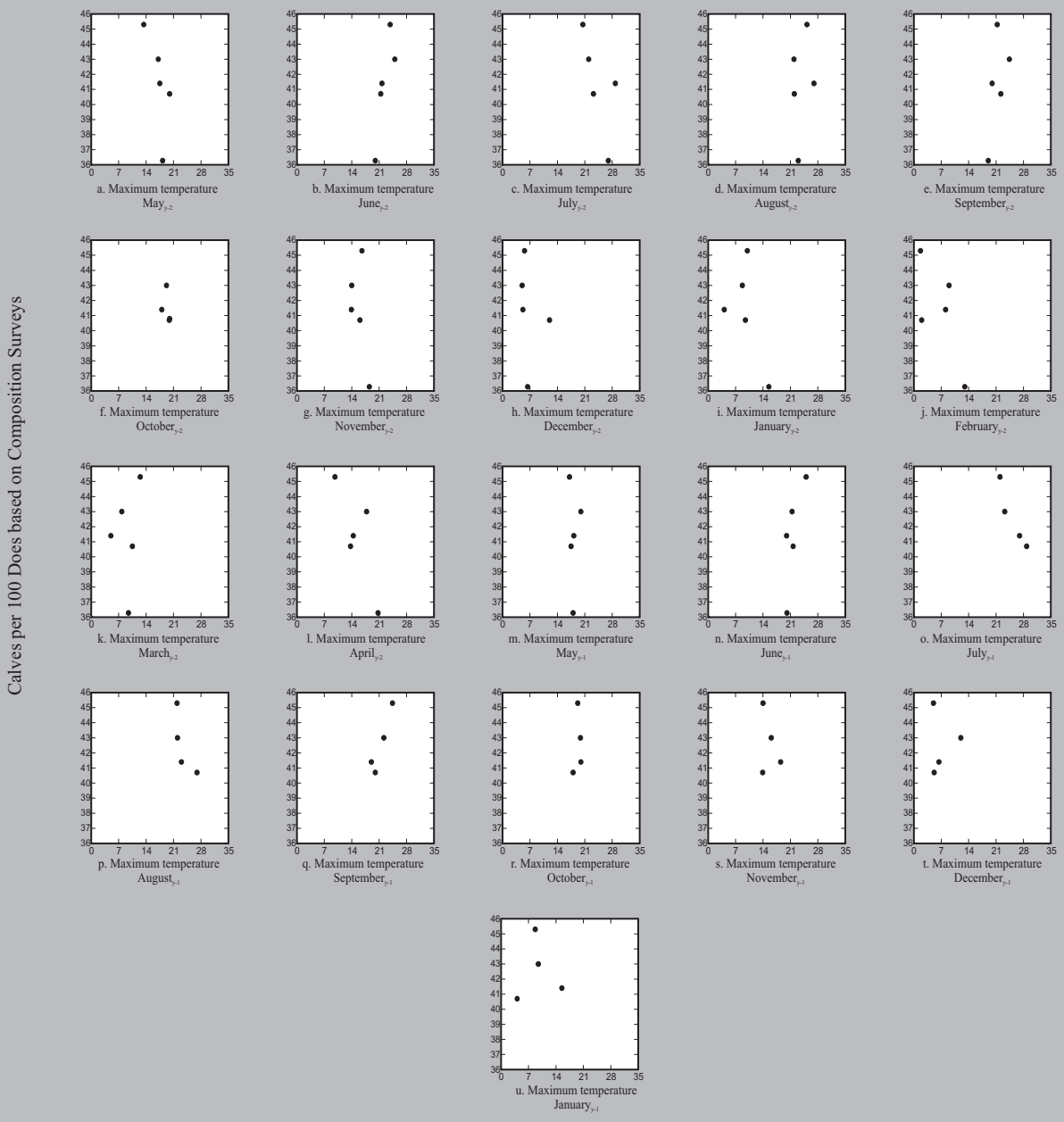


Fig. 14F-6H. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

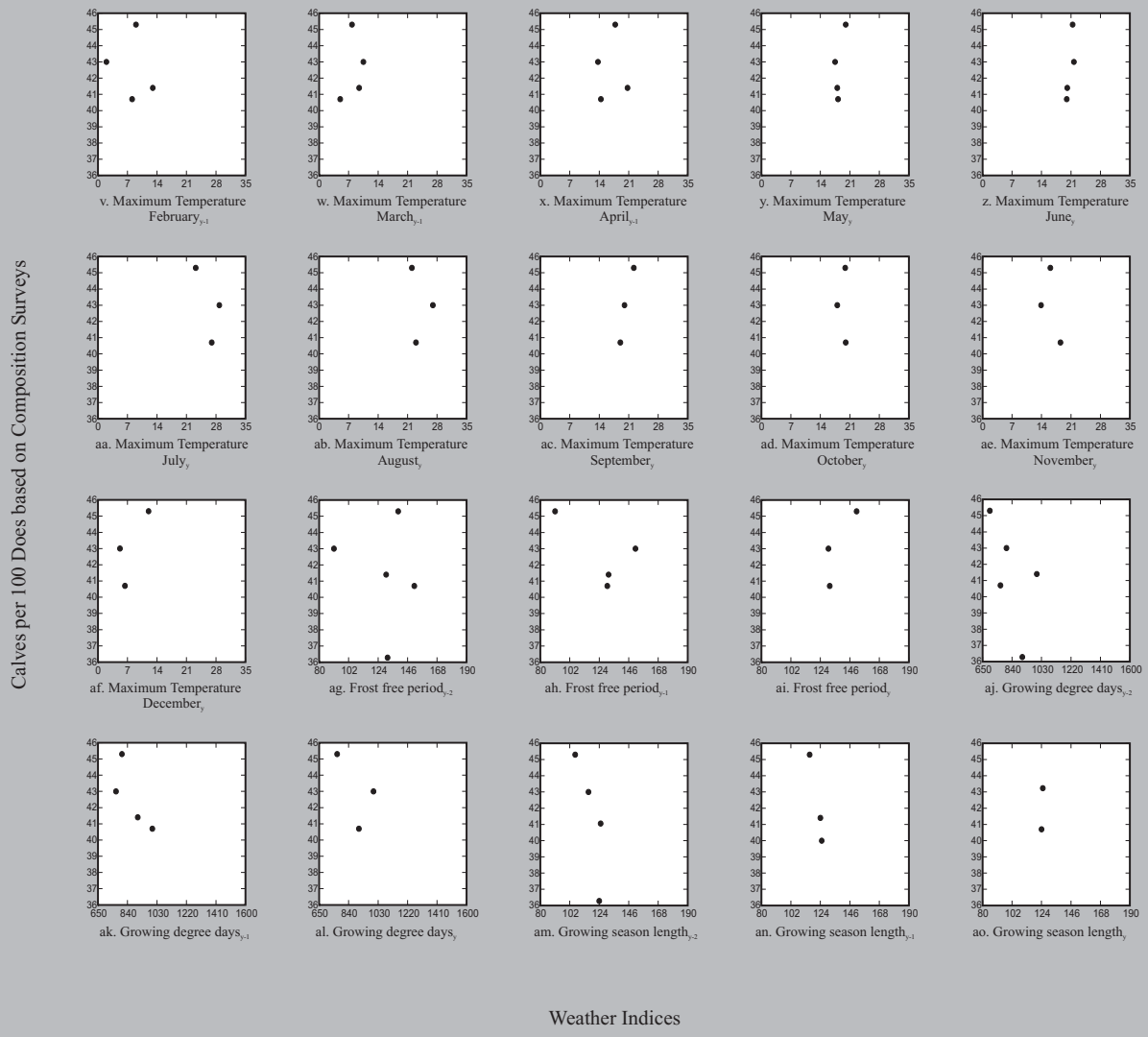


Fig. 14F-6H (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

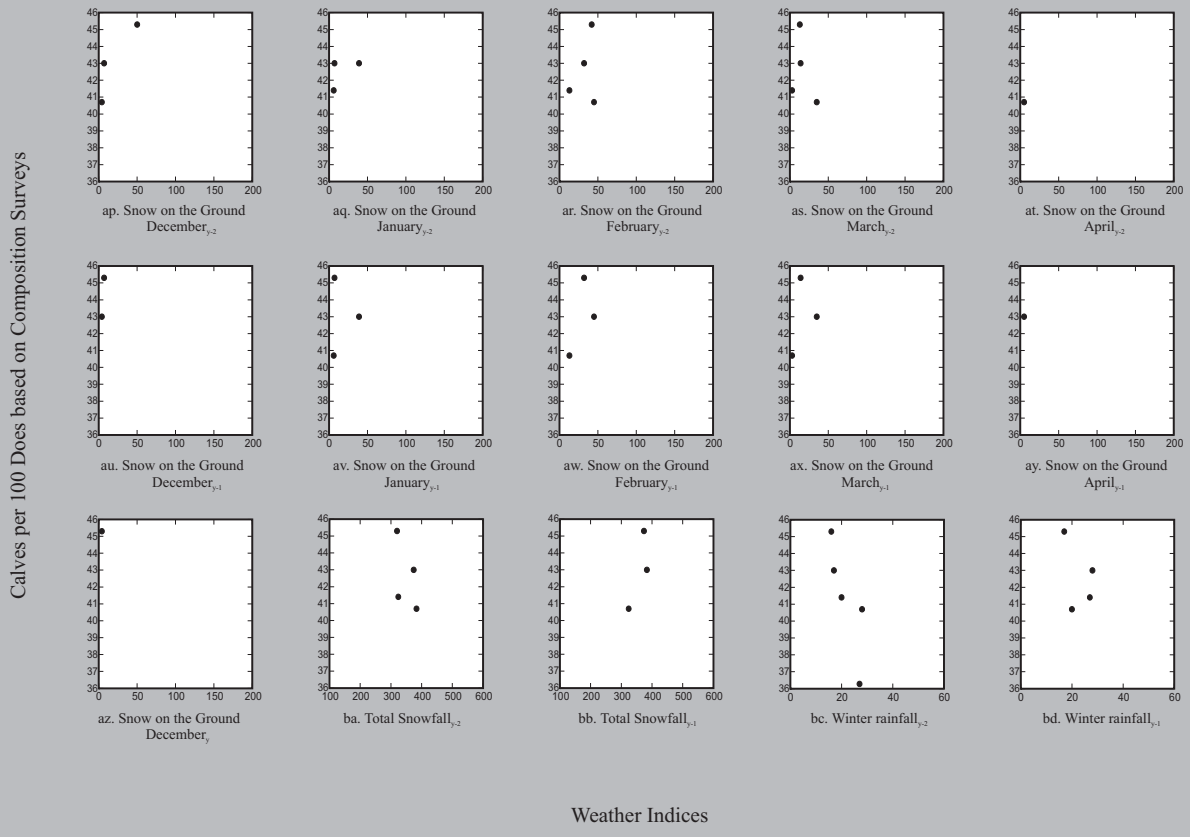


Fig. 14F-6H (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

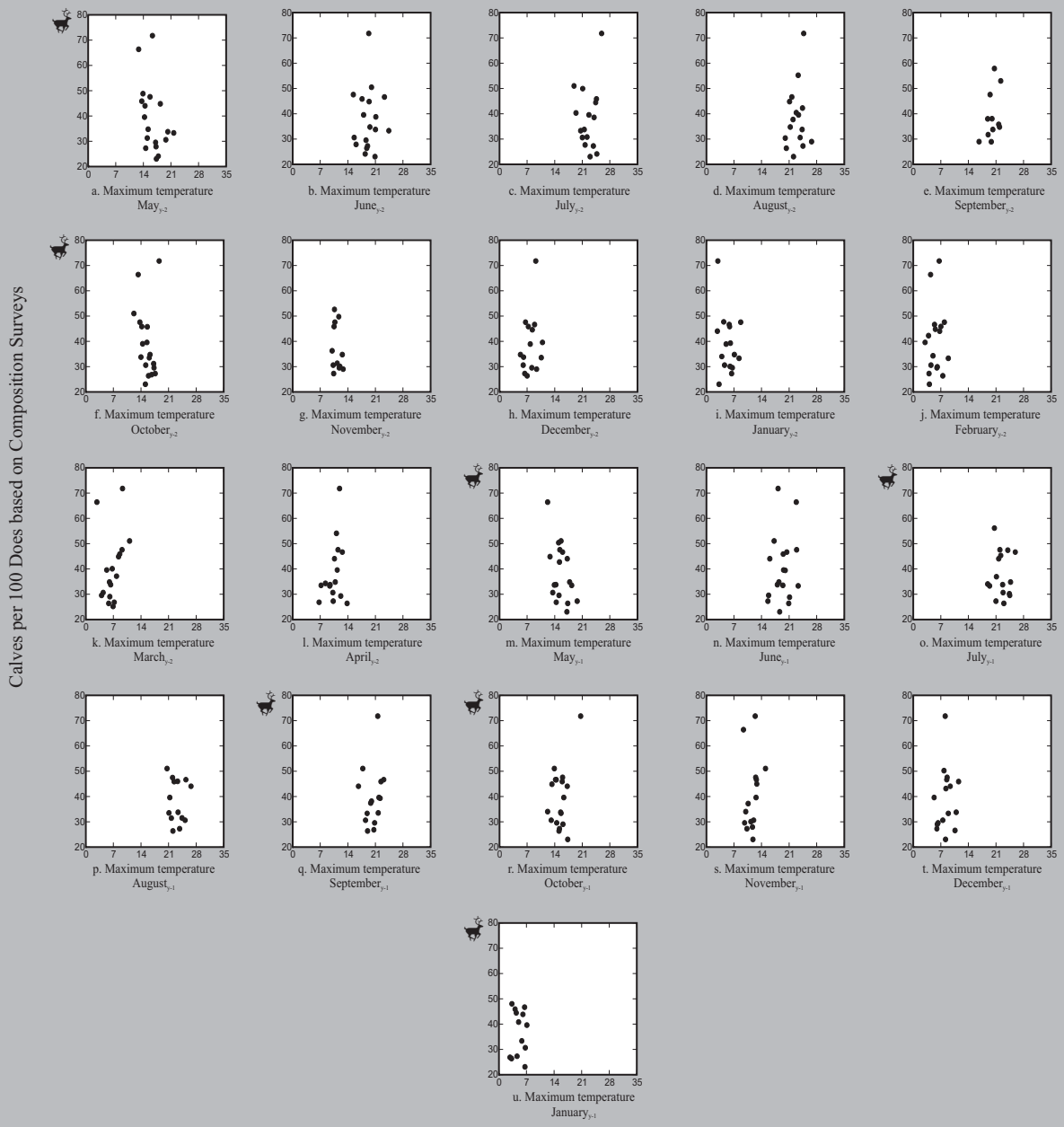


Fig. 14F-6I. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

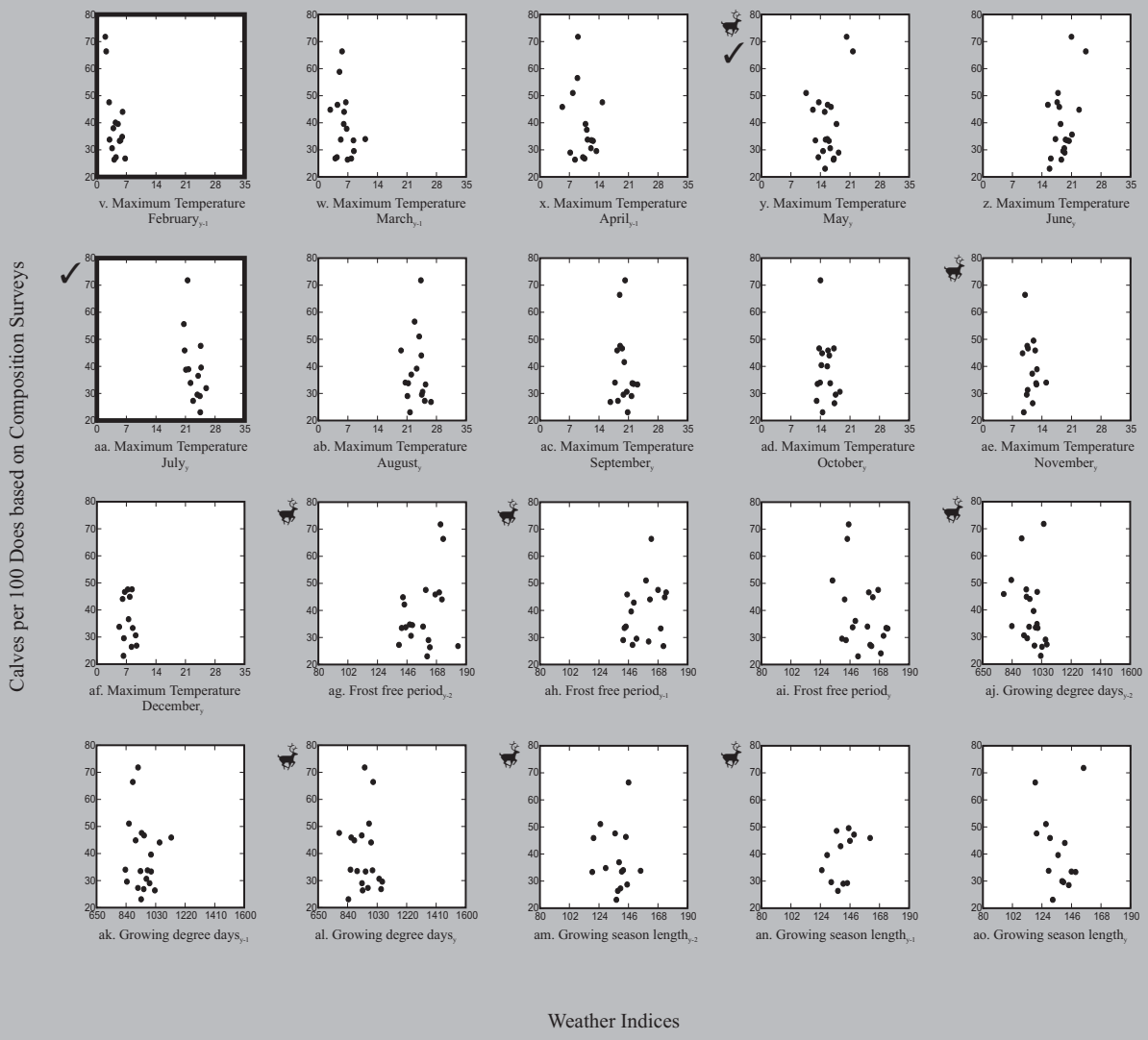


Fig. 14F-6I (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December)Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

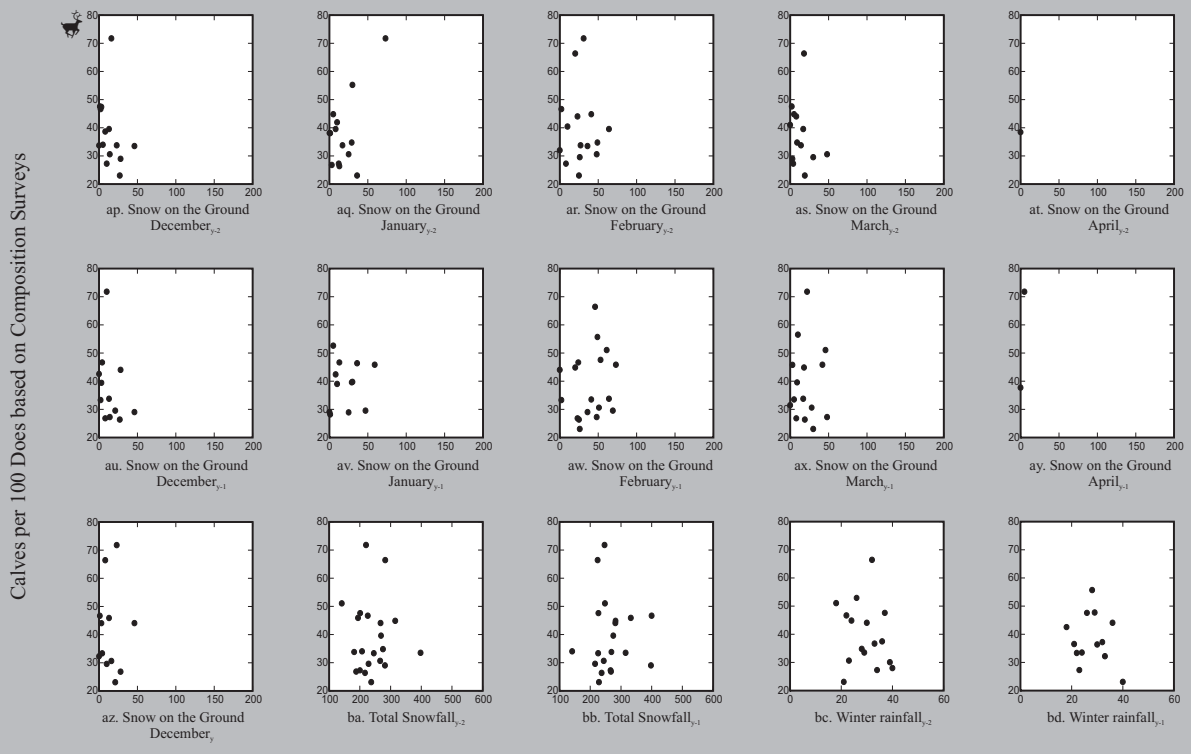


Fig. 14F-6I (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December)Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

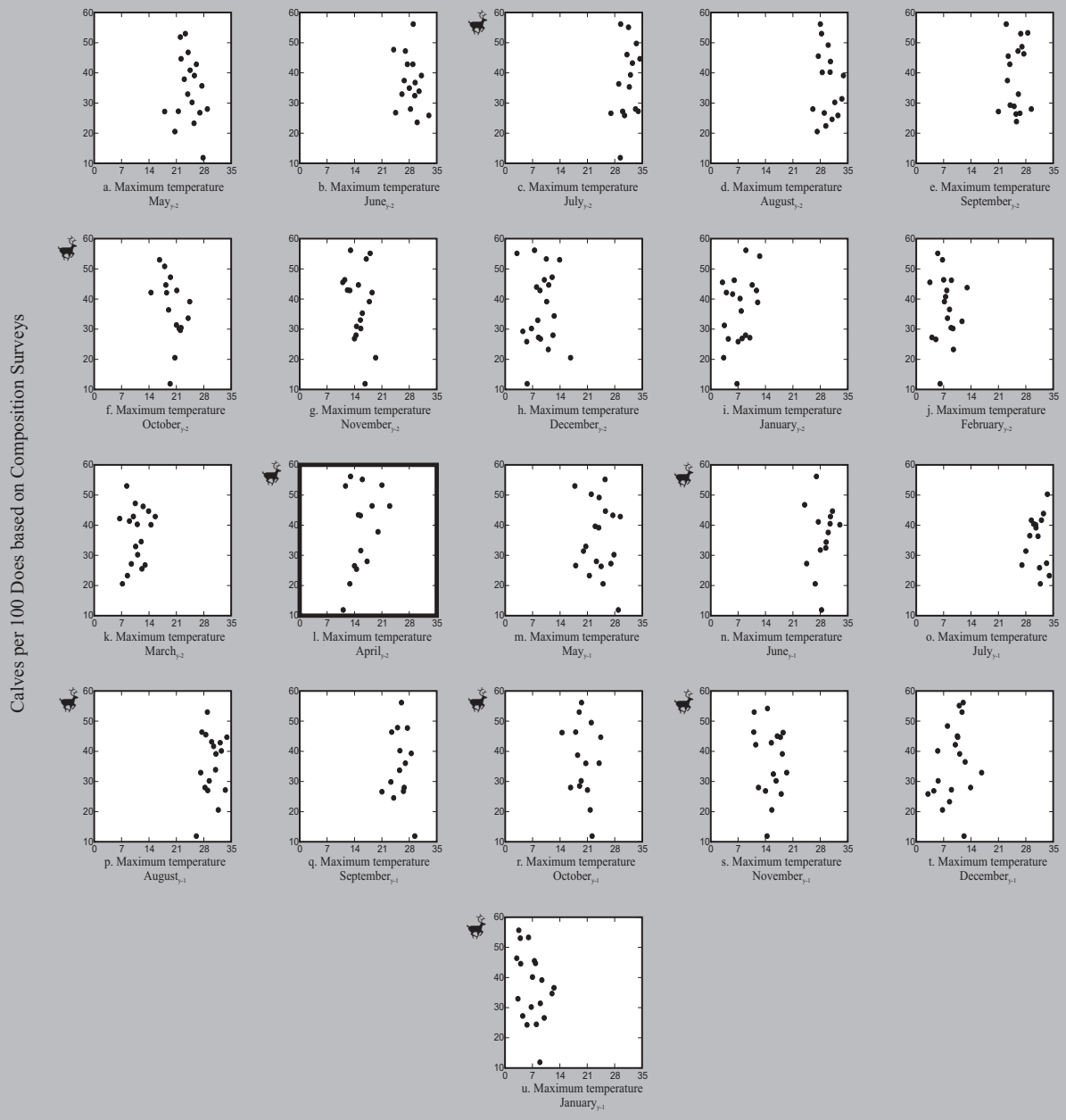


Fig. 14F-6J. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

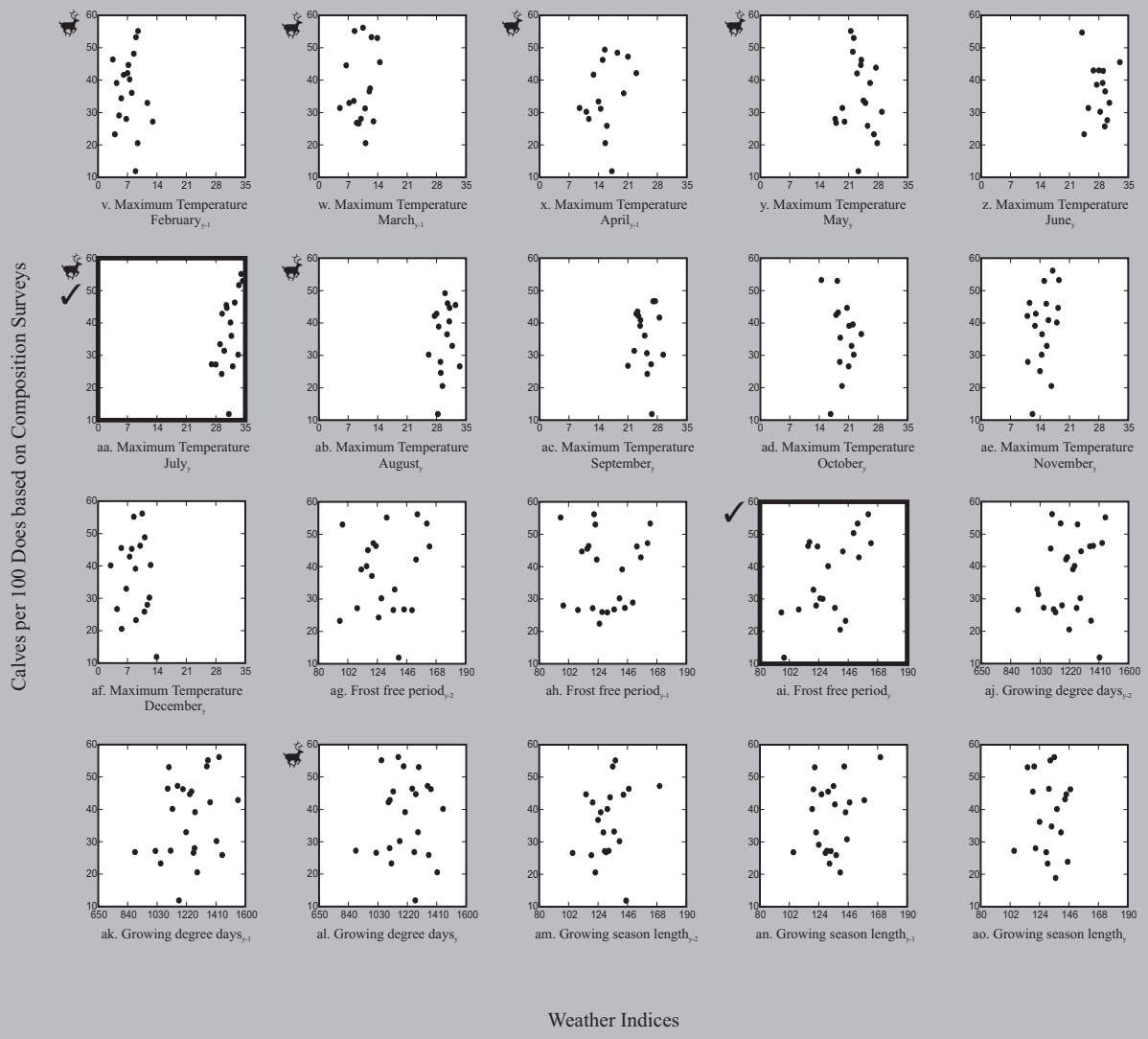


Fig. 14F-6J (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

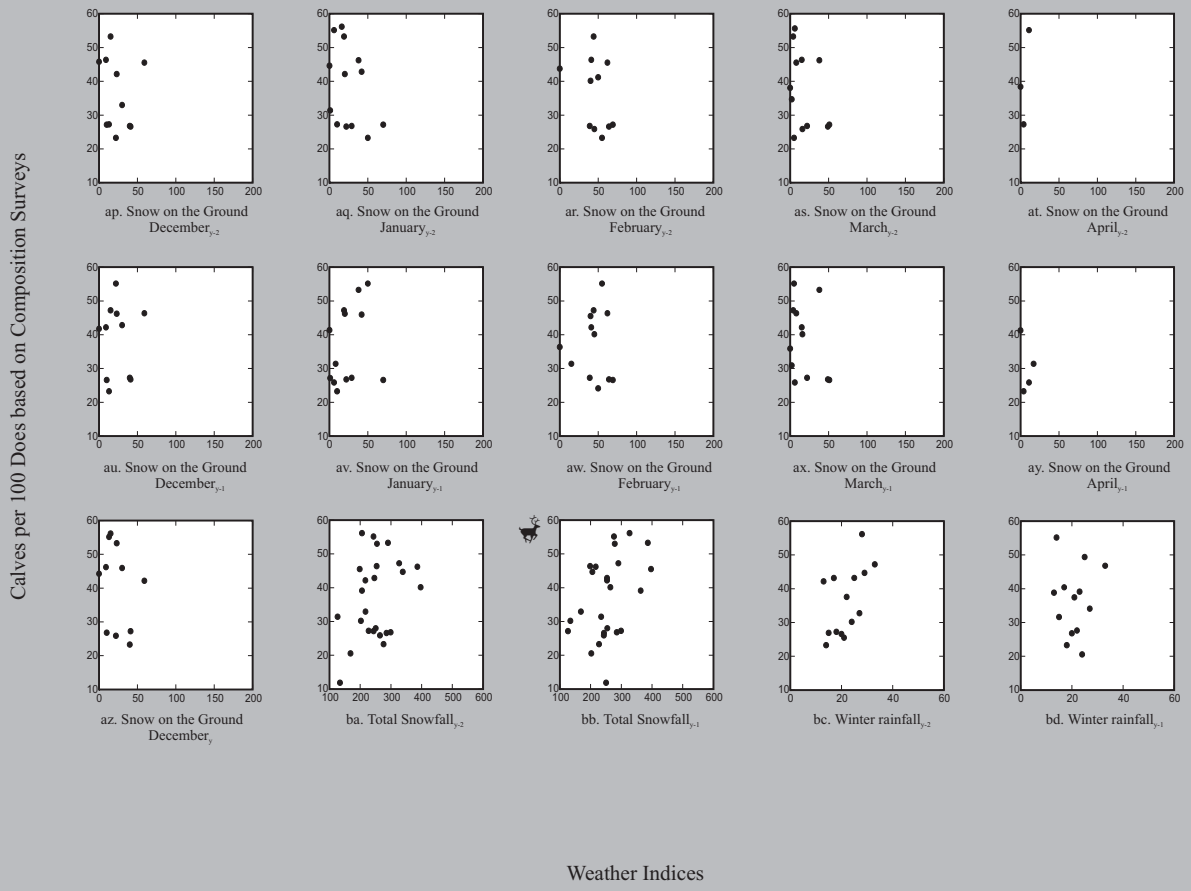


Fig. 14F-6J (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

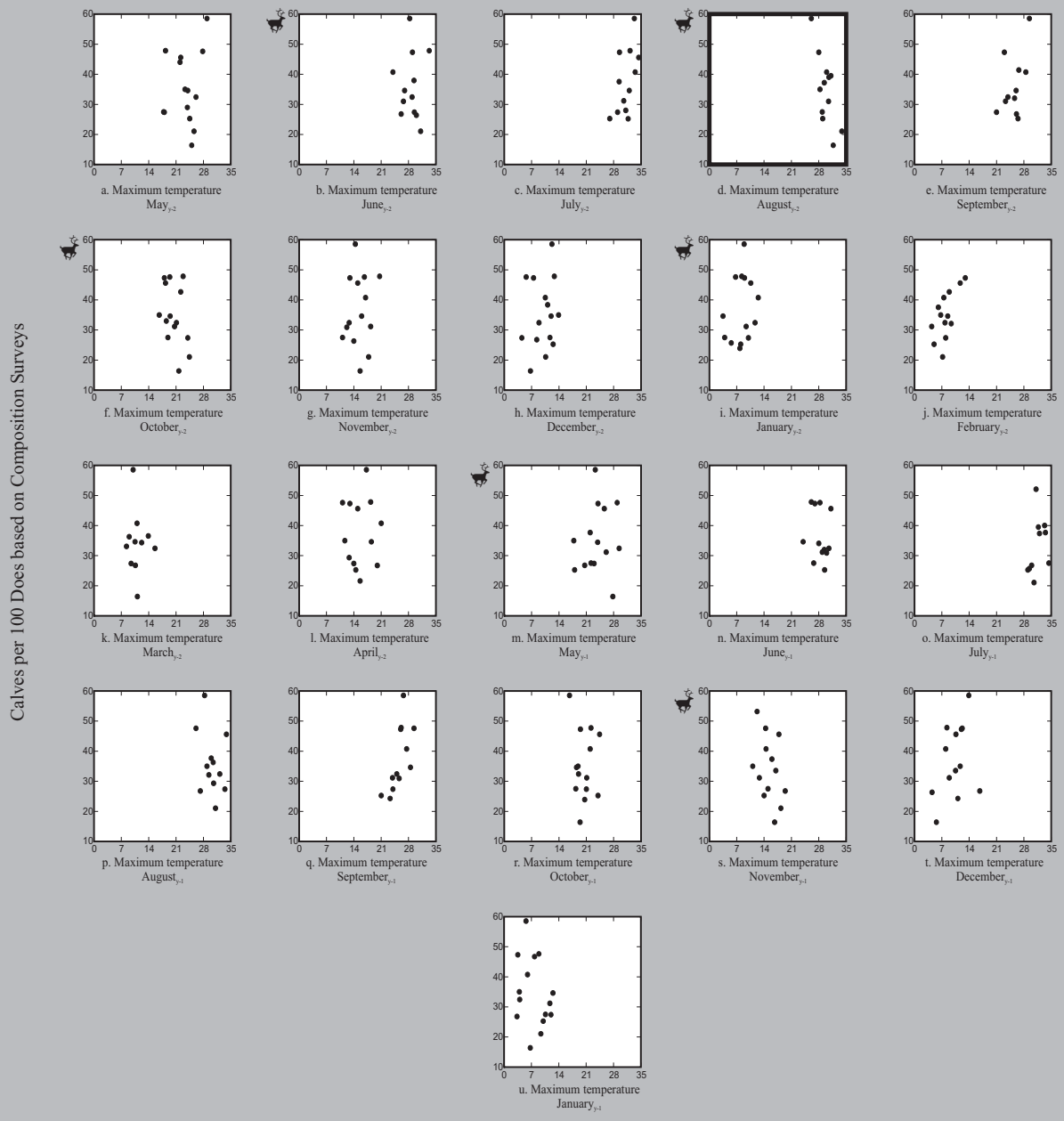


Fig. 14F-6K. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

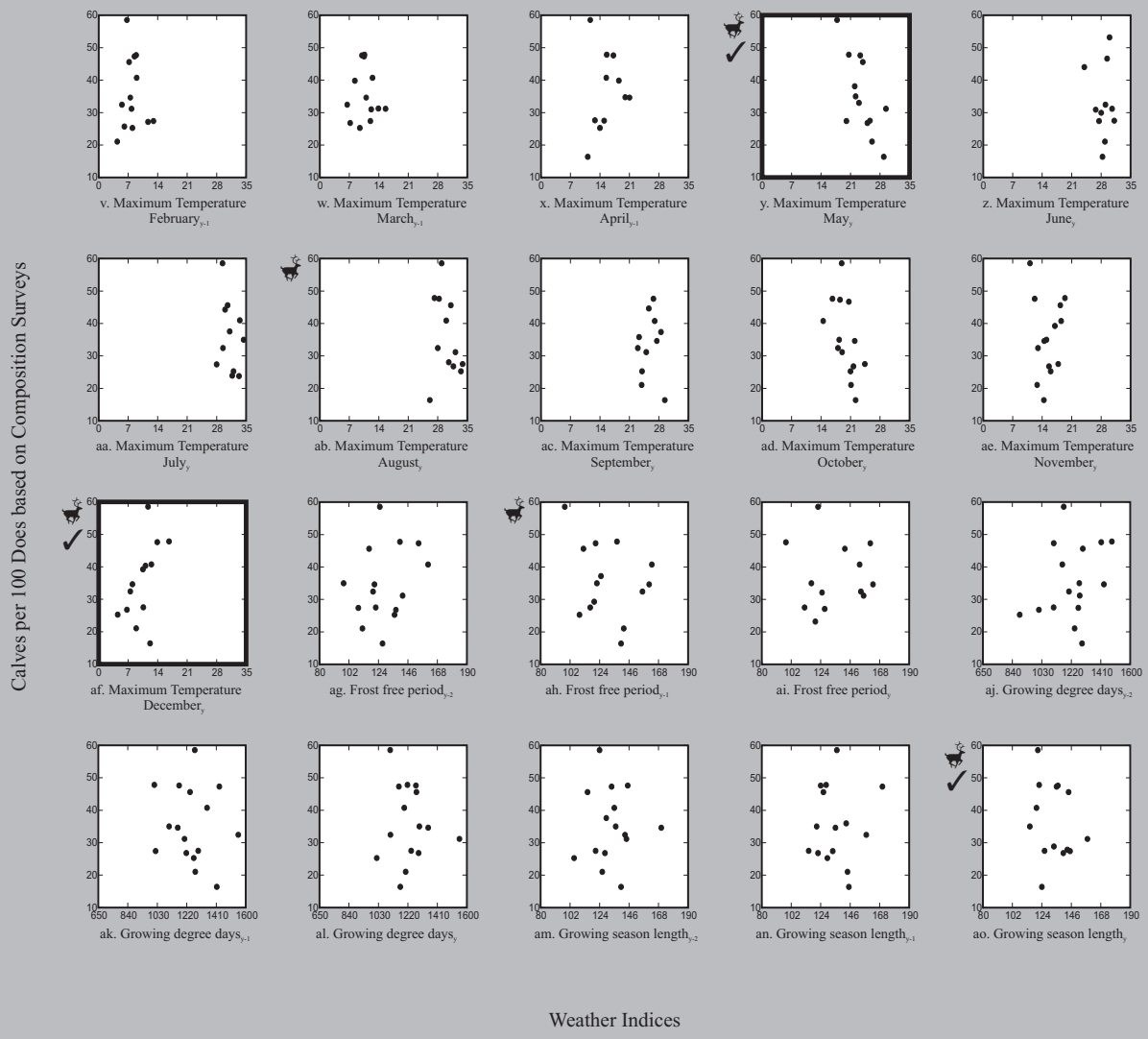


Fig. 14F-6K (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

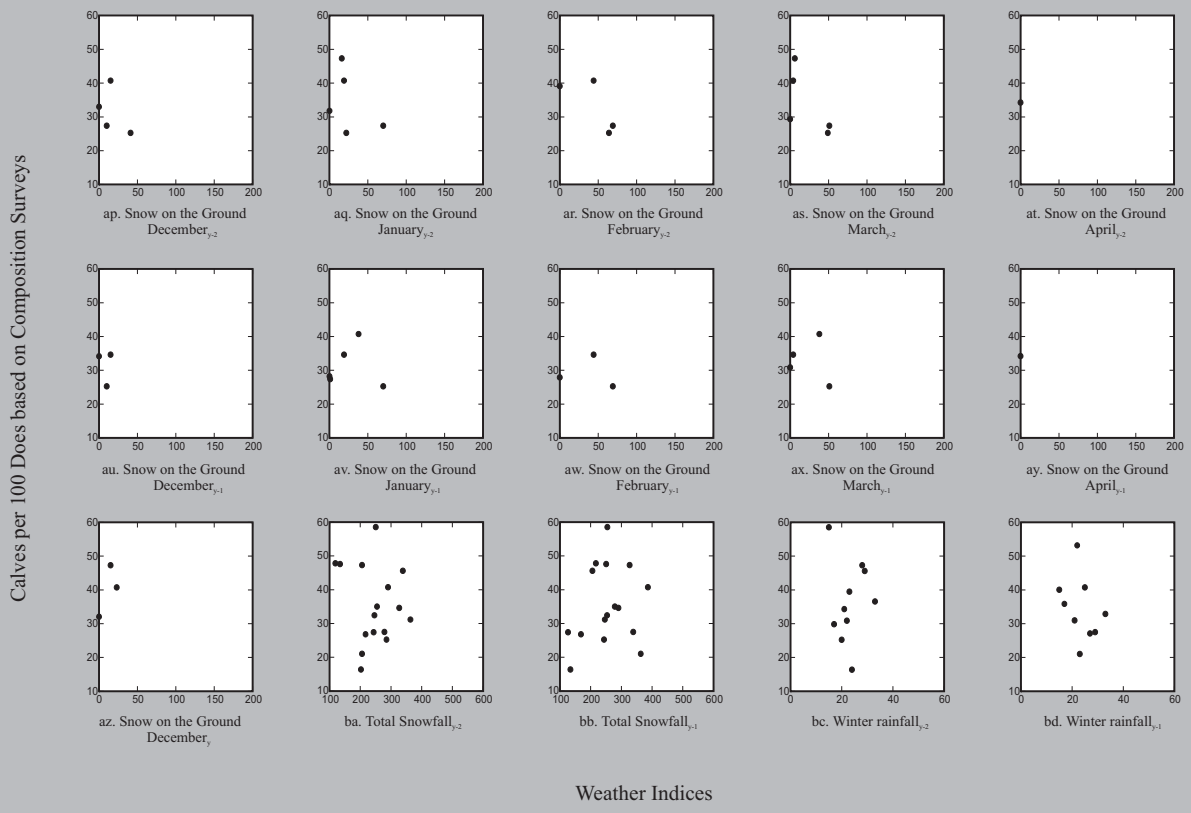


Fig. 14F-6K (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

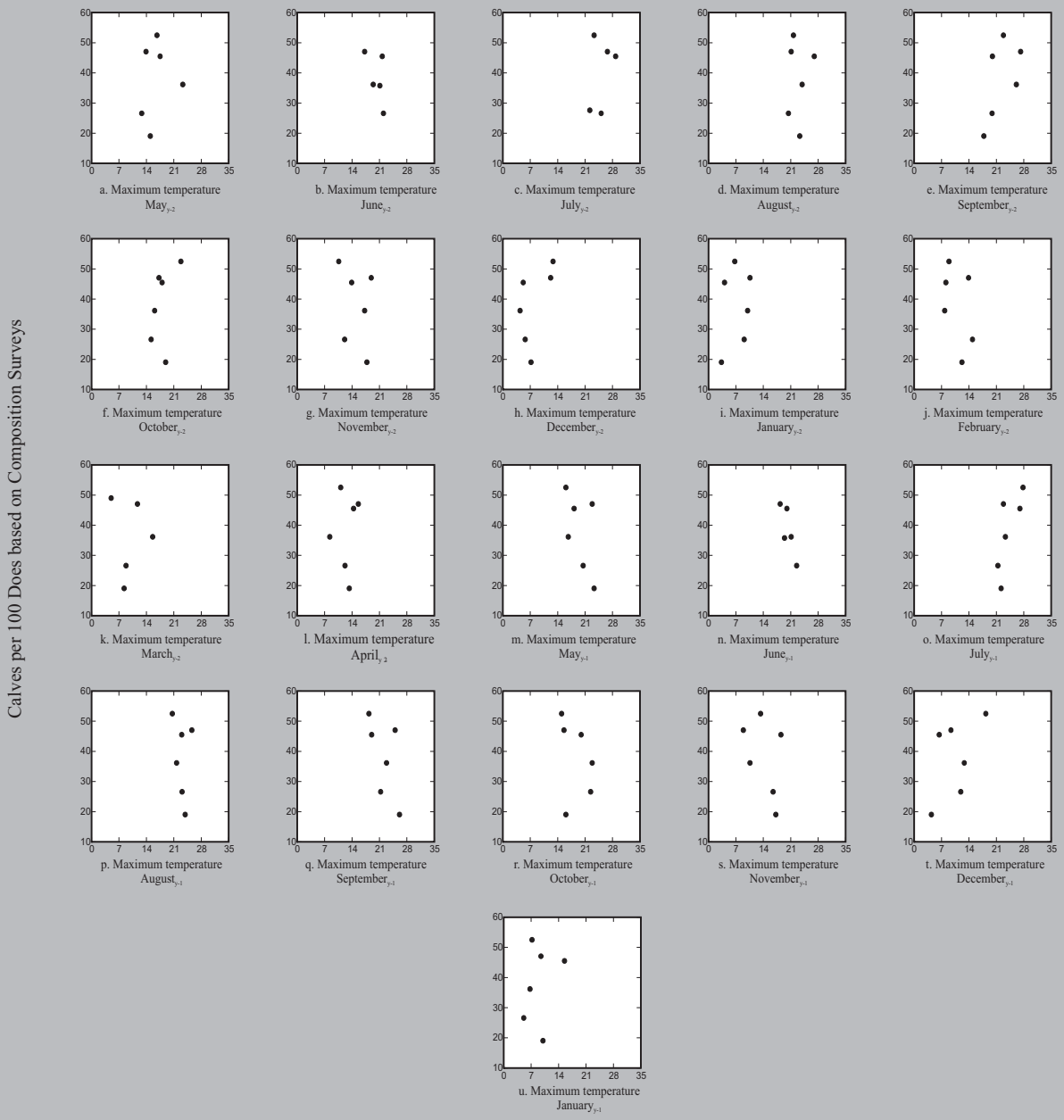


Fig. 14F-6L. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

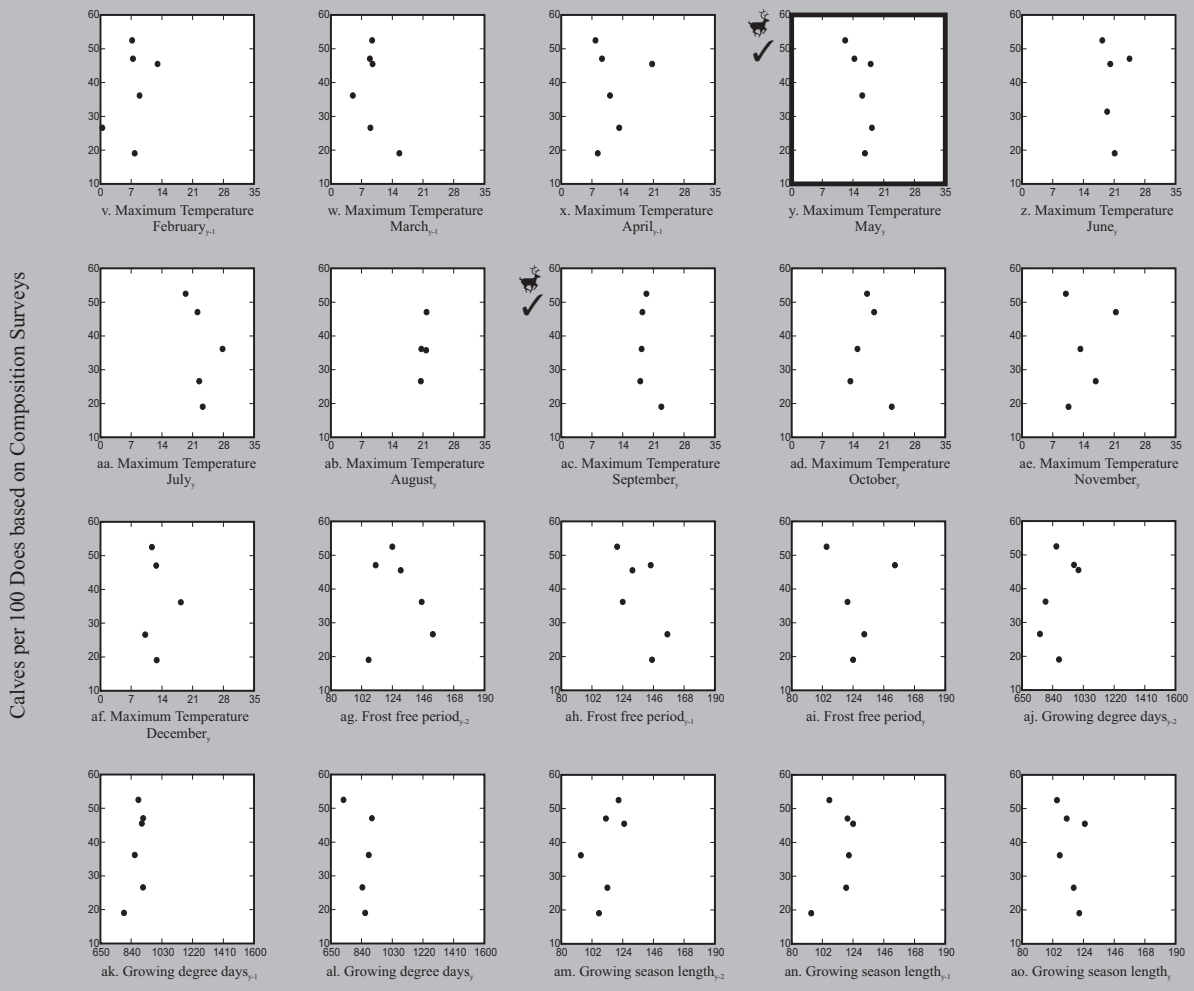


Fig. 14F-6L (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

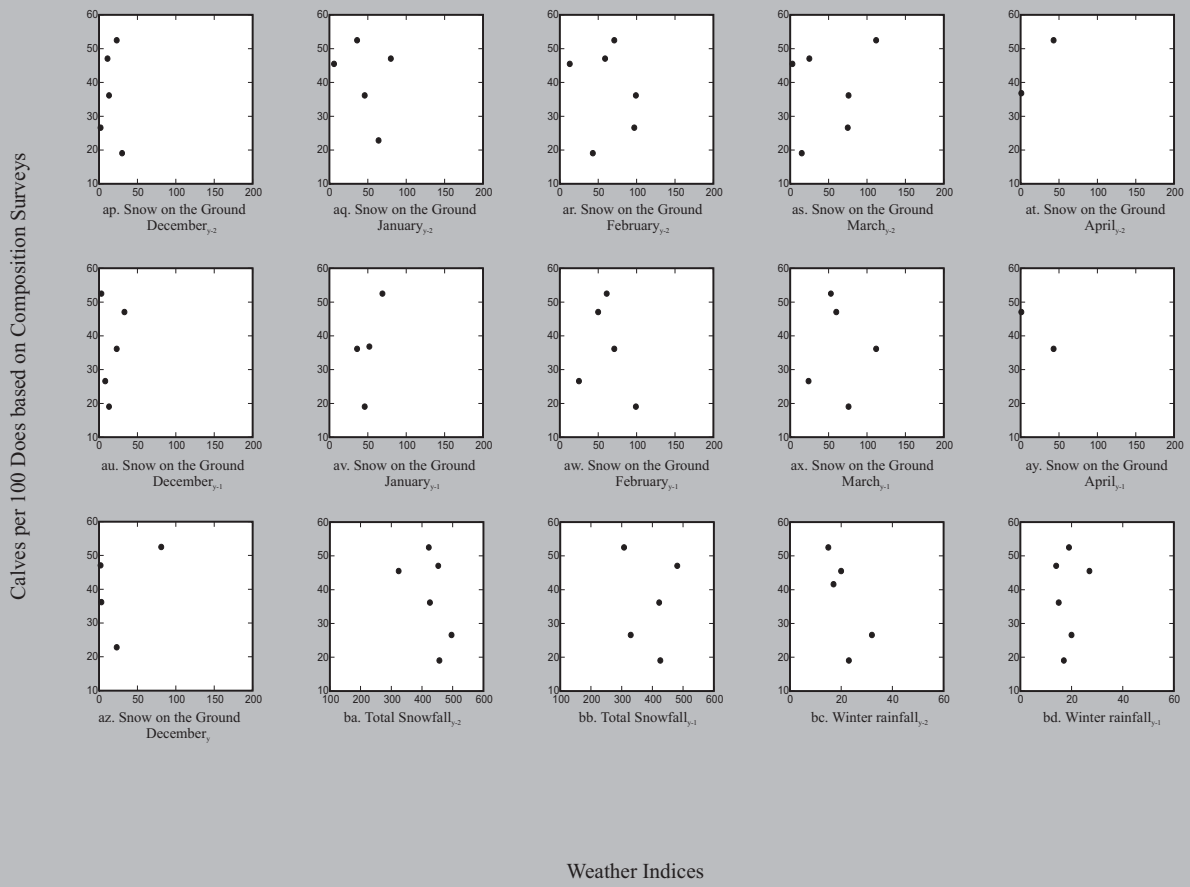


Fig. 14F-6L (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

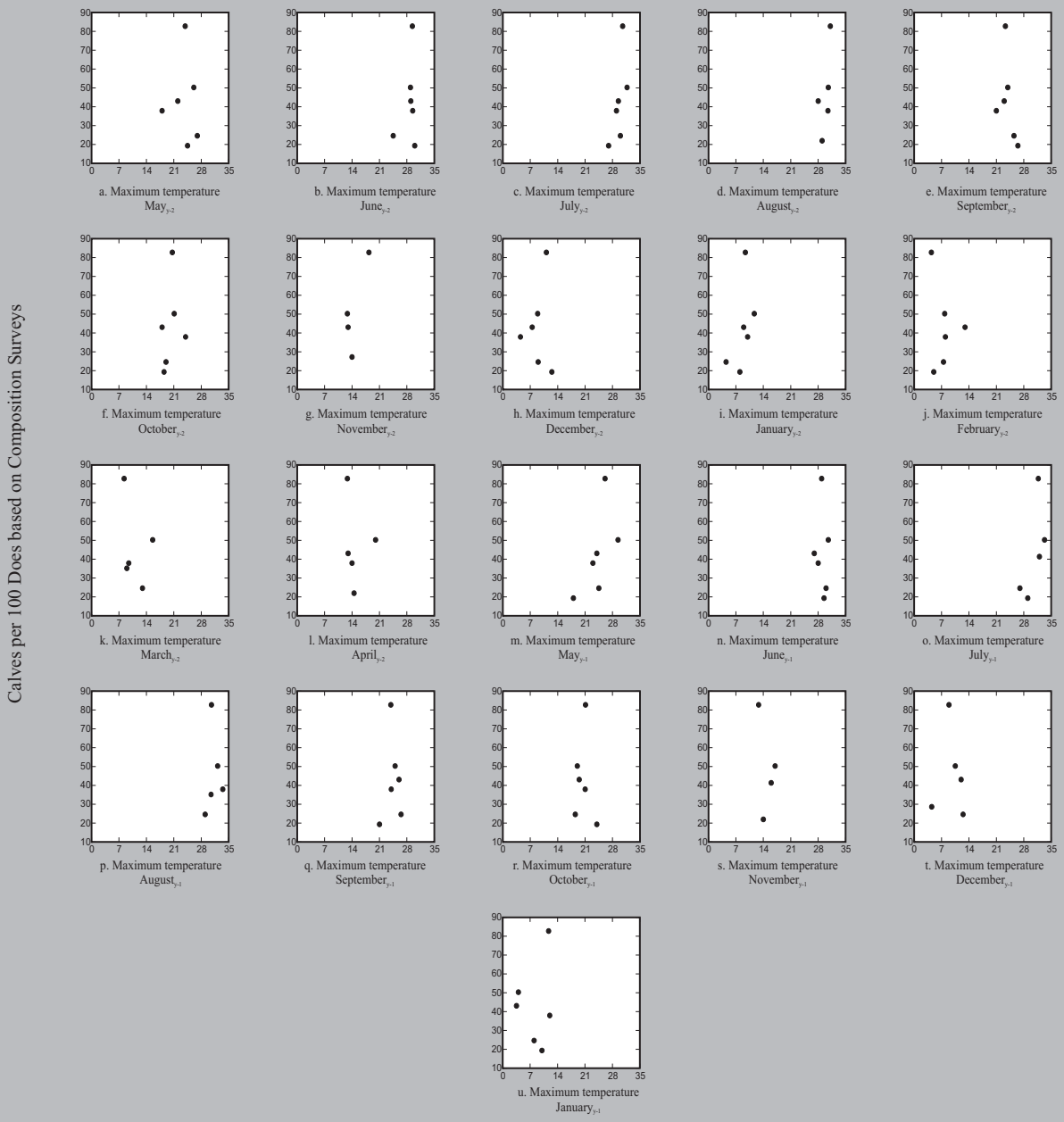


Fig. 14F-6M. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

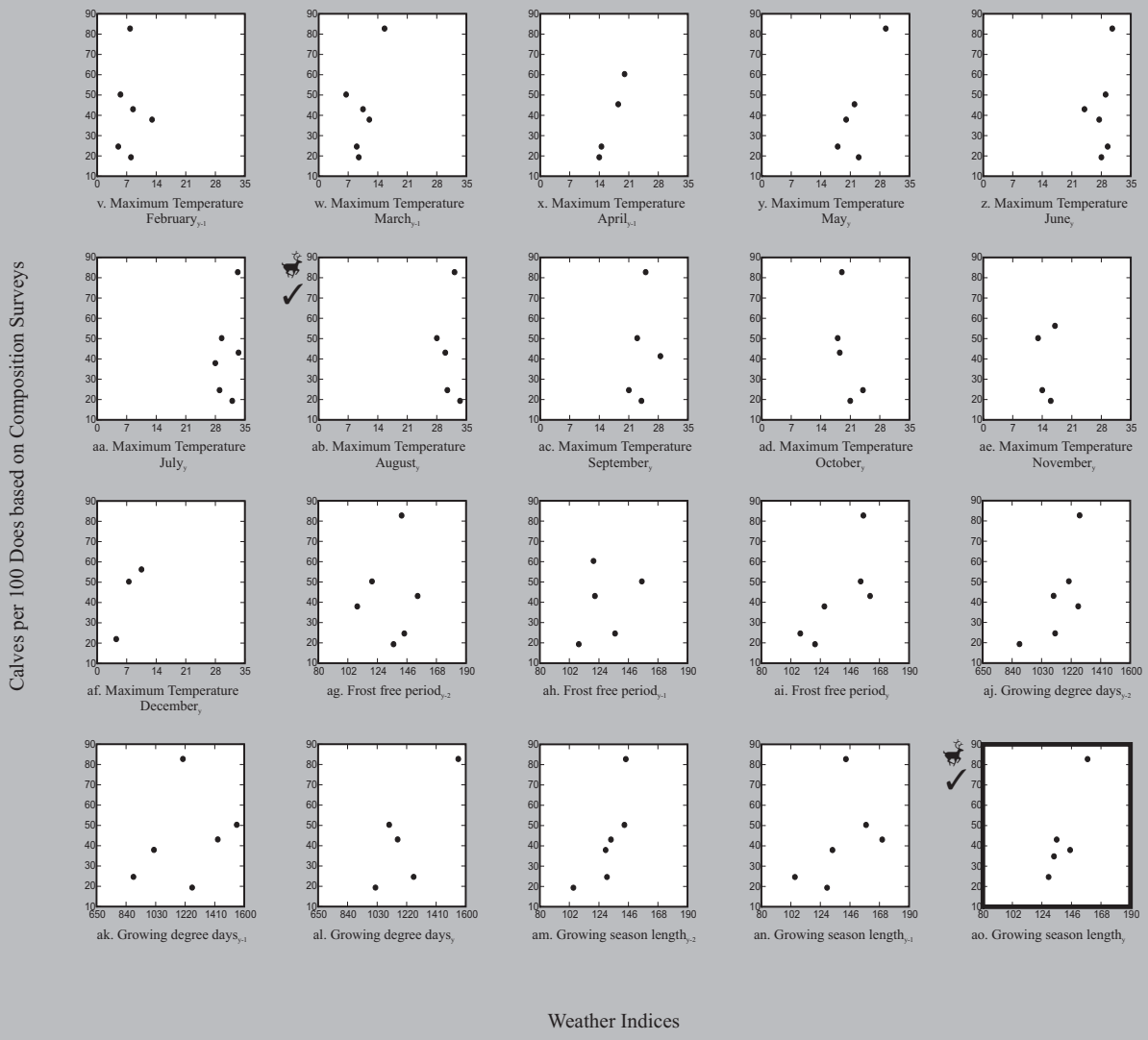


Fig. 14F-6M (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Pot Hill Caribou Herd; where indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

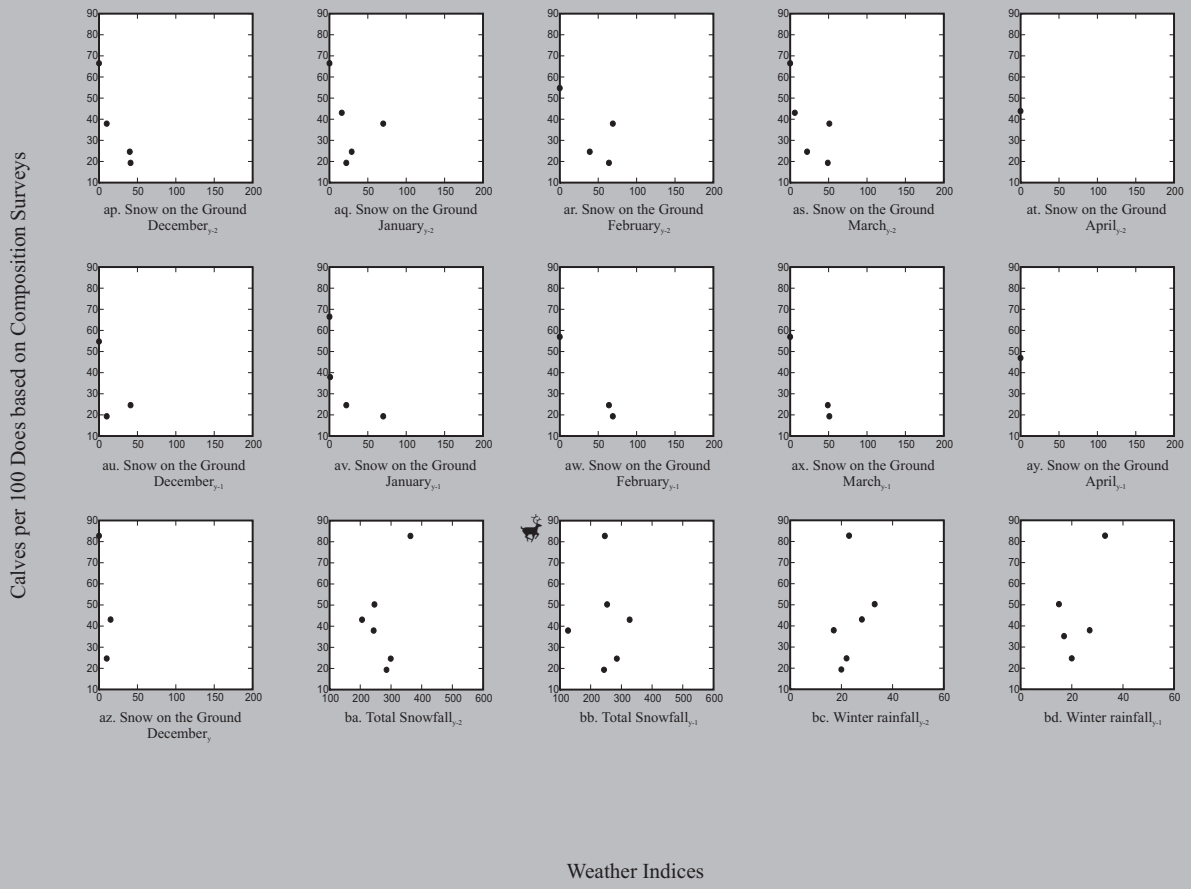


Fig. 14F-6M (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

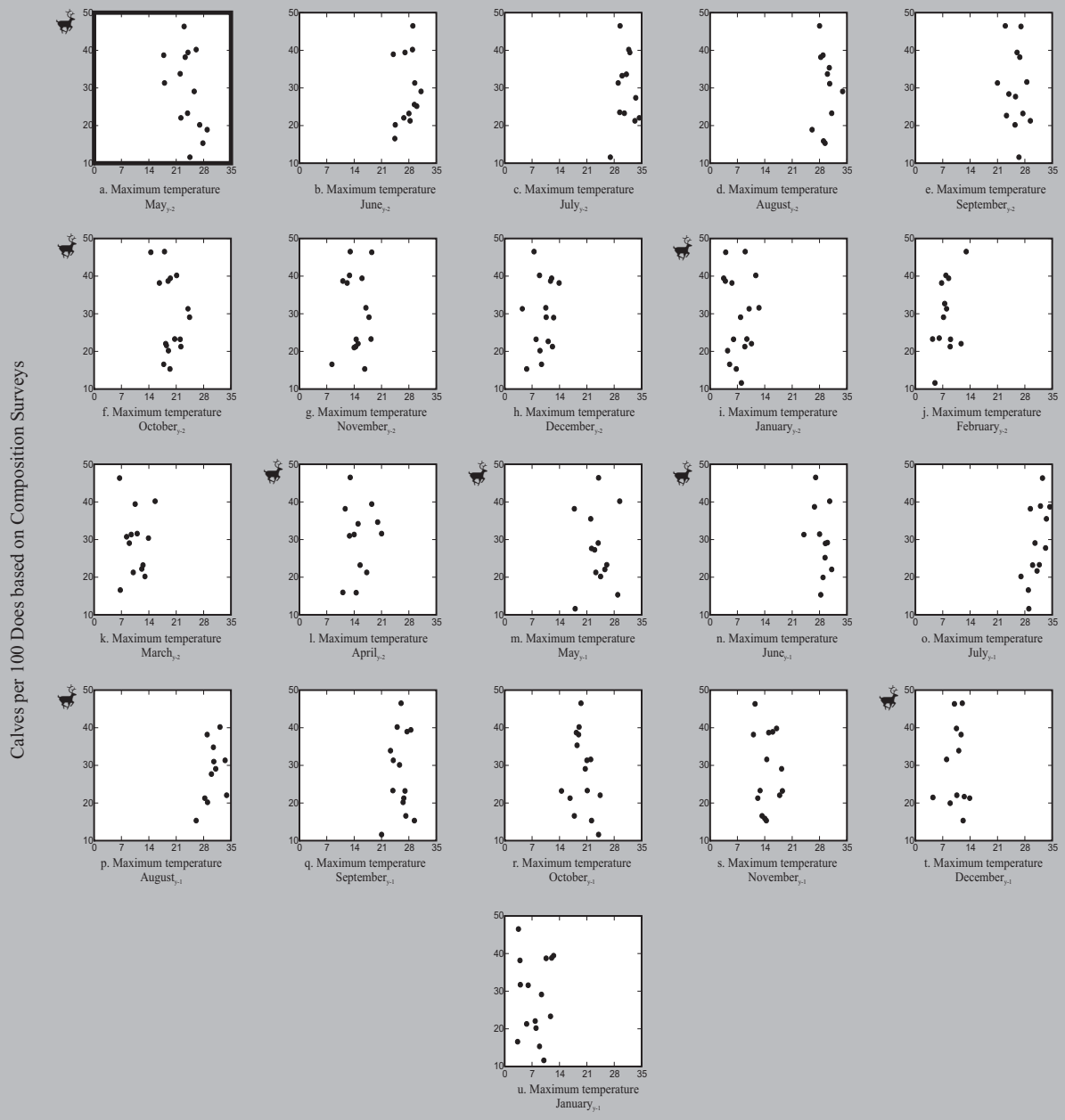


Fig. 14F-6N. Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

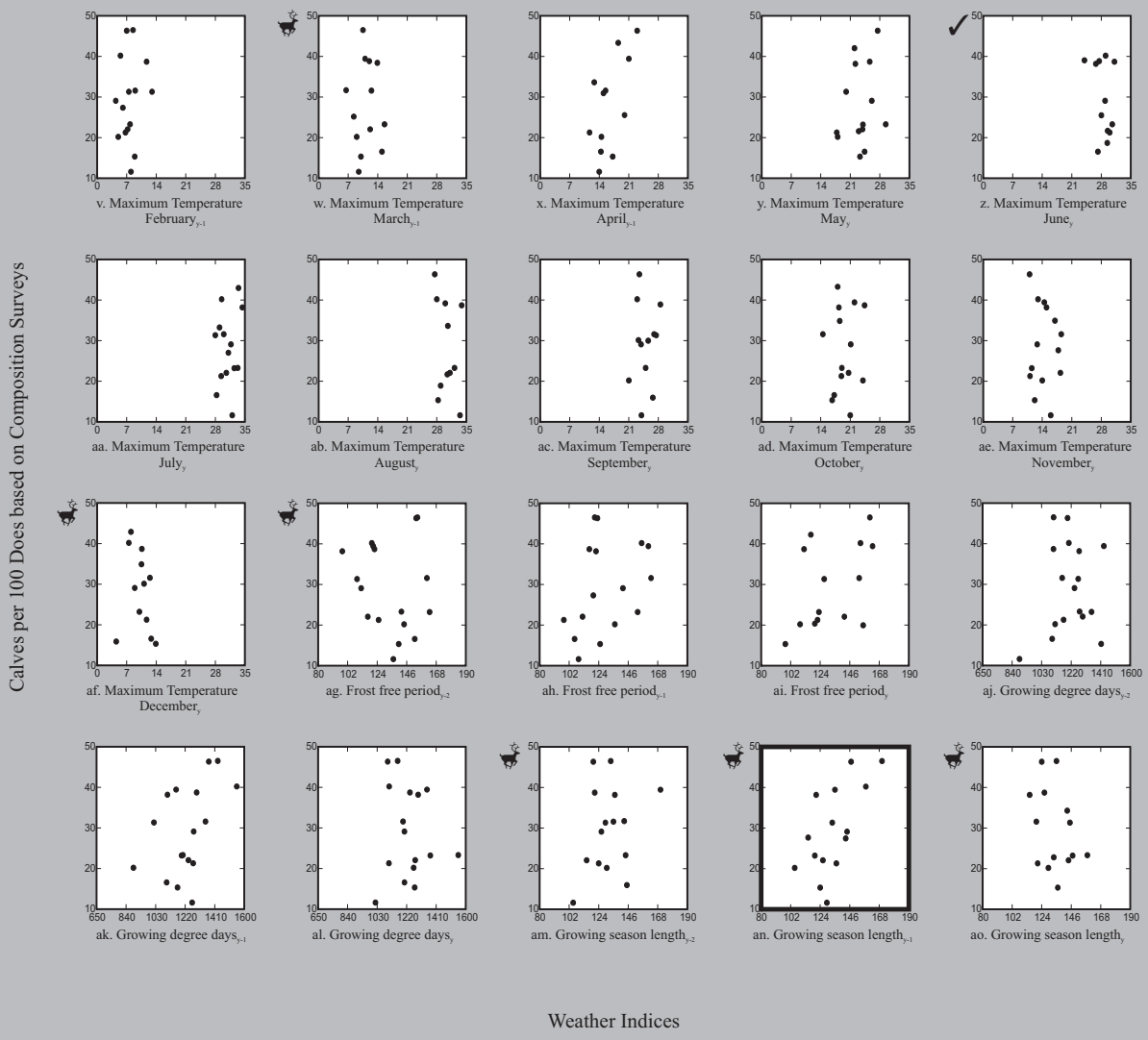


Fig. 14F-6N (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December)Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

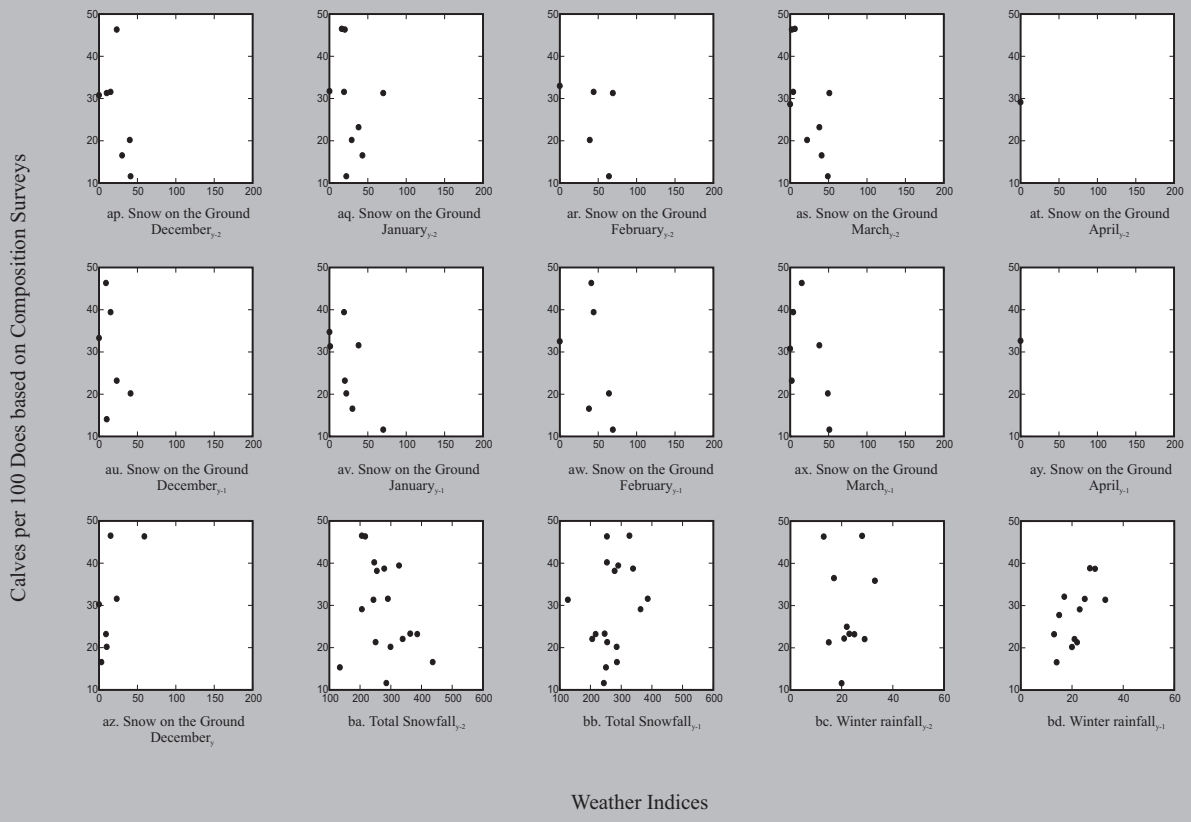


Fig. 14F-6N (con'd). Statistical comparison of weather indices and Calves per 100 Does (C-100D) from fall (October to December)Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between C-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

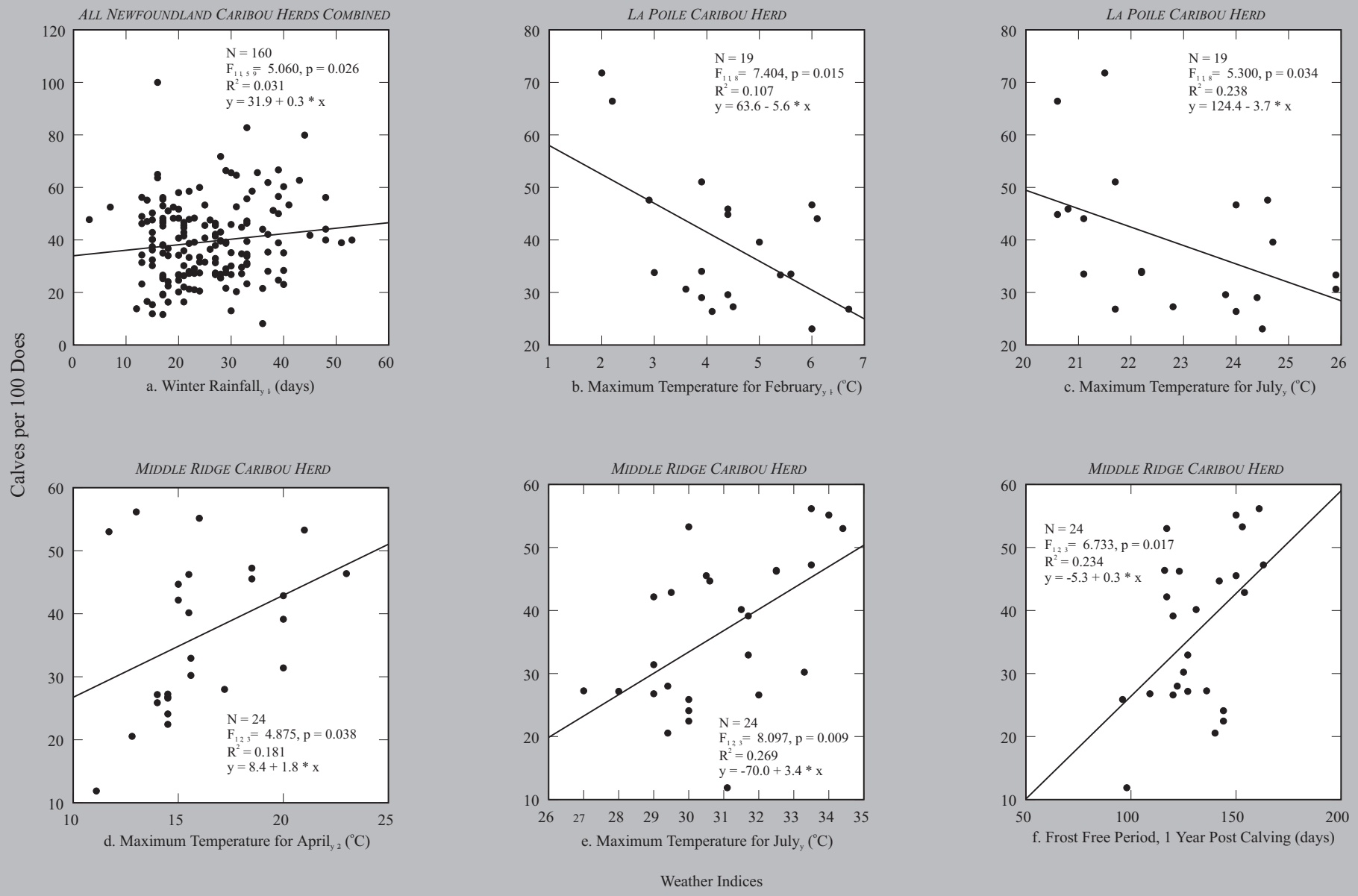


Fig. 14F-7. Simple linear regressions of Calves per 100 Does (C_100D) in the fall (October - December) and weather indices as identified in Table 14F-3. C_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

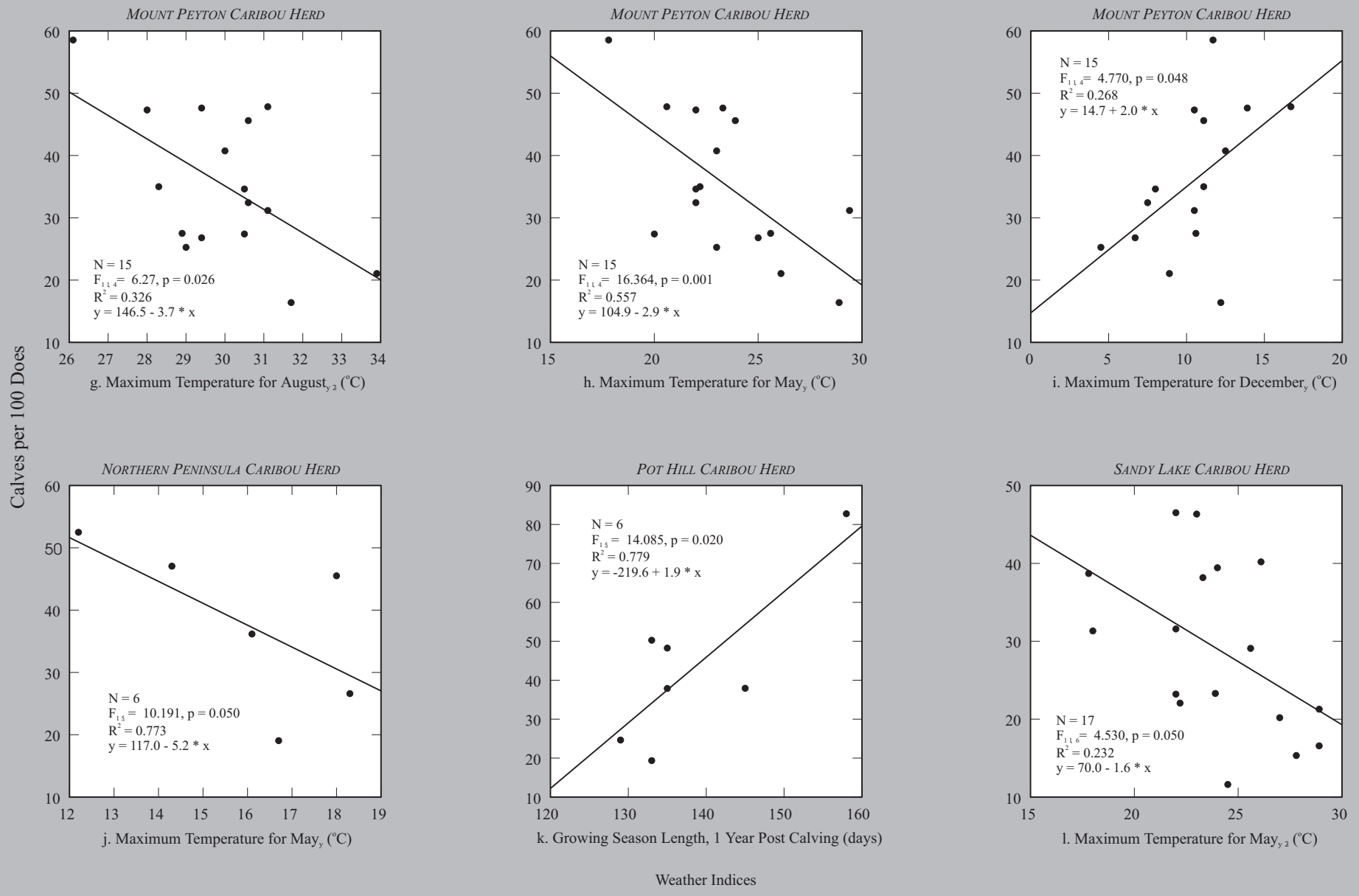


Fig. 14F-7 (con'd). Simple linear regressions of Calves per 100 Does (C_100D) in the fall (October - December) and weather indices as identified in Table 14F-3. C_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

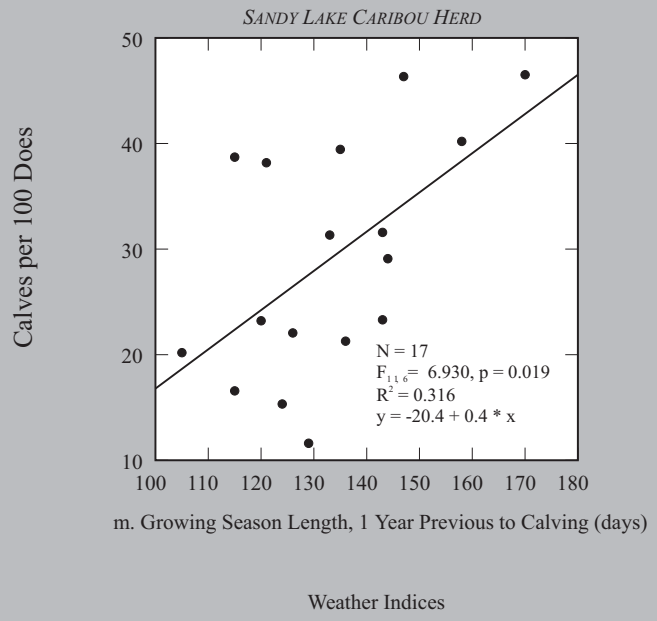


Fig. 14F-7 (con'd). Simple linear regressions of Calves per 100 Does (C_100D) in the fall (October - December) and weather indices as identified in Table 14F-3. C_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Table 14F-4. Relationship of Percent Calves, determined from **spring** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds									
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	14	5	19	10	11	13	11	15	7	105
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls				various
Weather Indices										
(i) Maximum monthly temperature (°C)										
May_{y-2}			**S-9**		**S-2**					
$June_{y-2}$			**S-11**							
$July_{y-2}$										
$Aug._{y-2}$										
$Sept._{y-2}$	**S-5**		**S-12**			**S-1**				
$Oct._{y-2}$							**S-8**	**S-6**		
$Nov._{y-2}$				**S-5**	**S-7**			**S-4**		
$Dec._{y-2}$							**S-2**			
$Jan._{y-2}$			**S-6**			**S-4**				
$Feb._{y-2}$					**S-3**	n/a		n/a		n/a
$March_{y-2}$						n/a	n/a	n/a		n/a
$April_{y-2}$							**S-7**			
May_{y-1}										**S-2**
$June_{y-1}$		**S-2**								
$July_{y-1}$					**S-5**			**S-3**		
$Aug._{y-1}$				**S-4**						
$Sept._{y-1}$							**S-4**	**S-1**		
$Oct._{y-1}$						**S-5**				
$Nov._{y-1}$			**S-7**				**S-1**			
$Dec._{y-1}$									**S-2**	
$Jan._{y-1}$			**S-1**					**S-2**		**S-1**
$Feb._{y-1}$			**S-8**			n/a	n/a	n/a	**S-4**	n/a
$March_{y-1}$	**S-4**	**S-1**				n/a		n/a		n/a
$April_{y-1}$		n/a							**S-3**	n/a
May_{y}		n/a			**S-4**	**S-3**		**S-5**		n/a
$June_{y}$		n/a	**S-3**							n/a
$July_{y}$	**S-2**	n/a		n/a			**S-3**			n/a

Table 14F-4 (con'd). Relationship of Percent Calves, determined from **spring** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds									
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	14	5	19	10	11	13	11	15	7	105
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls				various
Weather Indices										
(ii) Frost free period (days)										
y-2										
y-1										
(iii) Growing degree days (days)										
y-2				**S-1**						
y-1	**S-1**		**S-10**							
(iv) Growing season length (days)										
y-2										
y-1			**S-4**				**S-5**			
(v) Snow depth (cm) on the ground on the last day of the month										
$Dec._{y-2}$	n/a	n/a		n/a		n/a	n/a	n/a	n/a	n/a
$Jan._{y-2}$	n/a	n/a	n/a	**S-2**	**S-6**	n/a	n/a	n/a	n/a	n/a
$Feb._{y-2}$	n/a	n/a	n/a	**S-3**	n/a	n/a	n/a	n/a	n/a	n/a
$March_{y-2}$	n/a	n/a				n/a	n/a	n/a	n/a	n/a
$April_{y-2}$	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
$Dec._{y-1}$	n/a	n/a		n/a		n/a	n/a	n/a	n/a	n/a
$Jan._{y-1}$	n/a	n/a	**S-5**	n/a		n/a	n/a	n/a	n/a	n/a
$Feb._{y-1}$	n/a	n/a	n/a	n/a	**S-1**	n/a	n/a	n/a	n/a	n/a
$March_{y-1}$	n/a	n/a		n/a	**S-8**	n/a	n/a	n/a	n/a	n/a
$April_{y-1}$	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
(vi) Total snowfall (cm)										
y-2							**S-6**			**S-3**
y-1	**S-3**		**S-2**	n/a		**S-6**				n/a
(vii) Winter rainfall (days)										
y-2										
y-1						**S-2**			**S-1**	

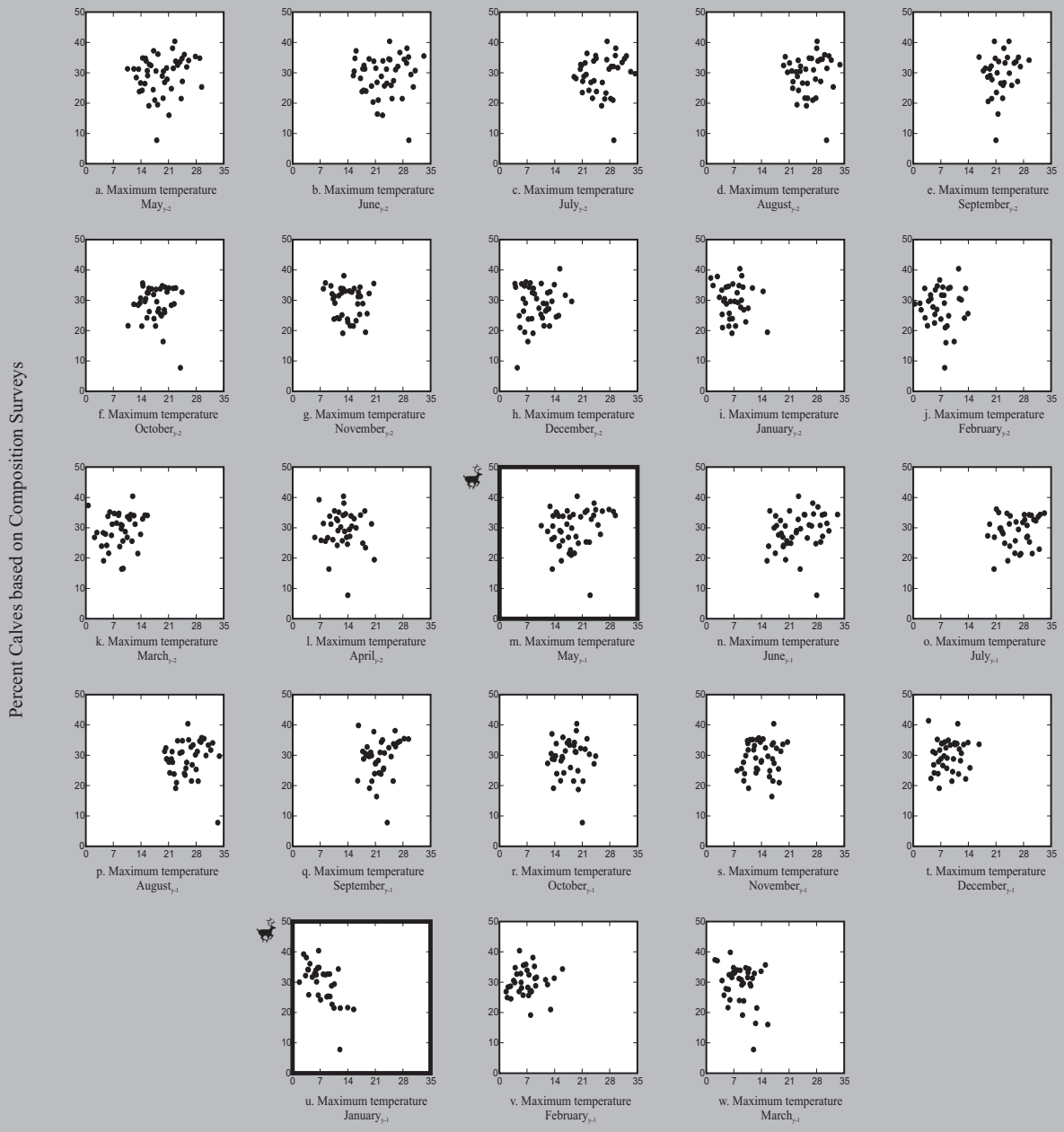


Fig. 14F-8A. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for all caribou herds combined; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

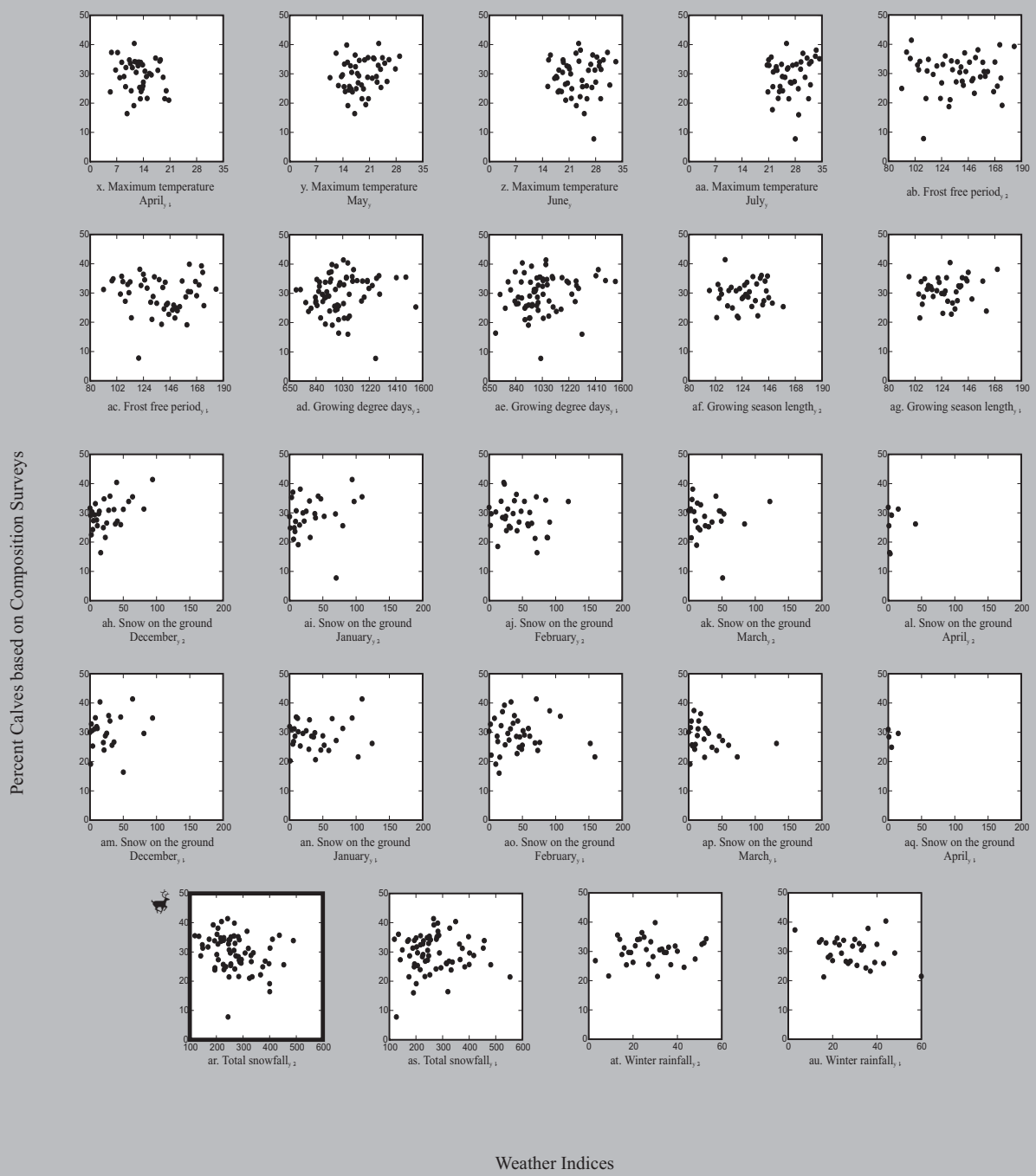


Fig. 14F-8A (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

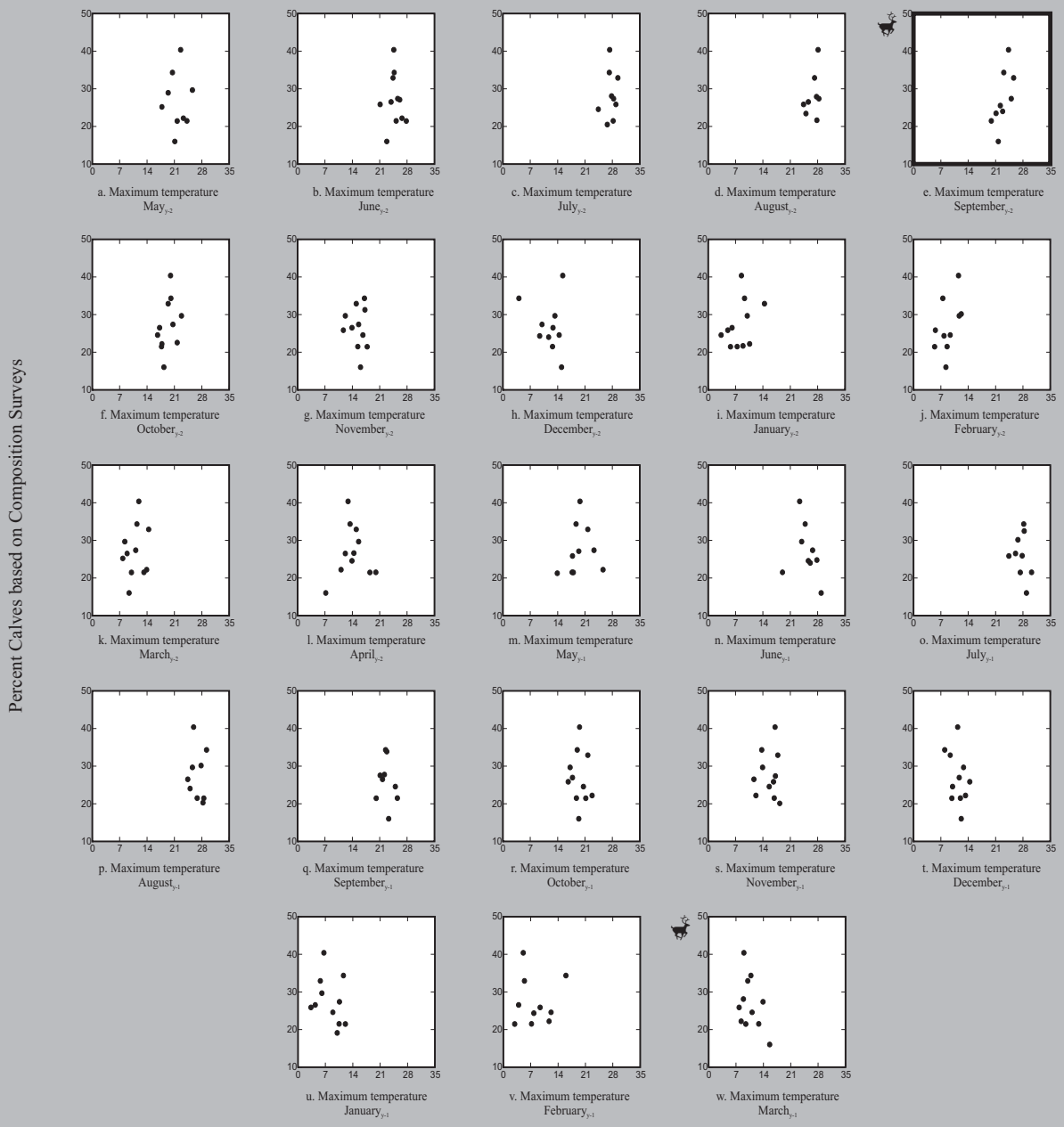


Fig. 14F-8B. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

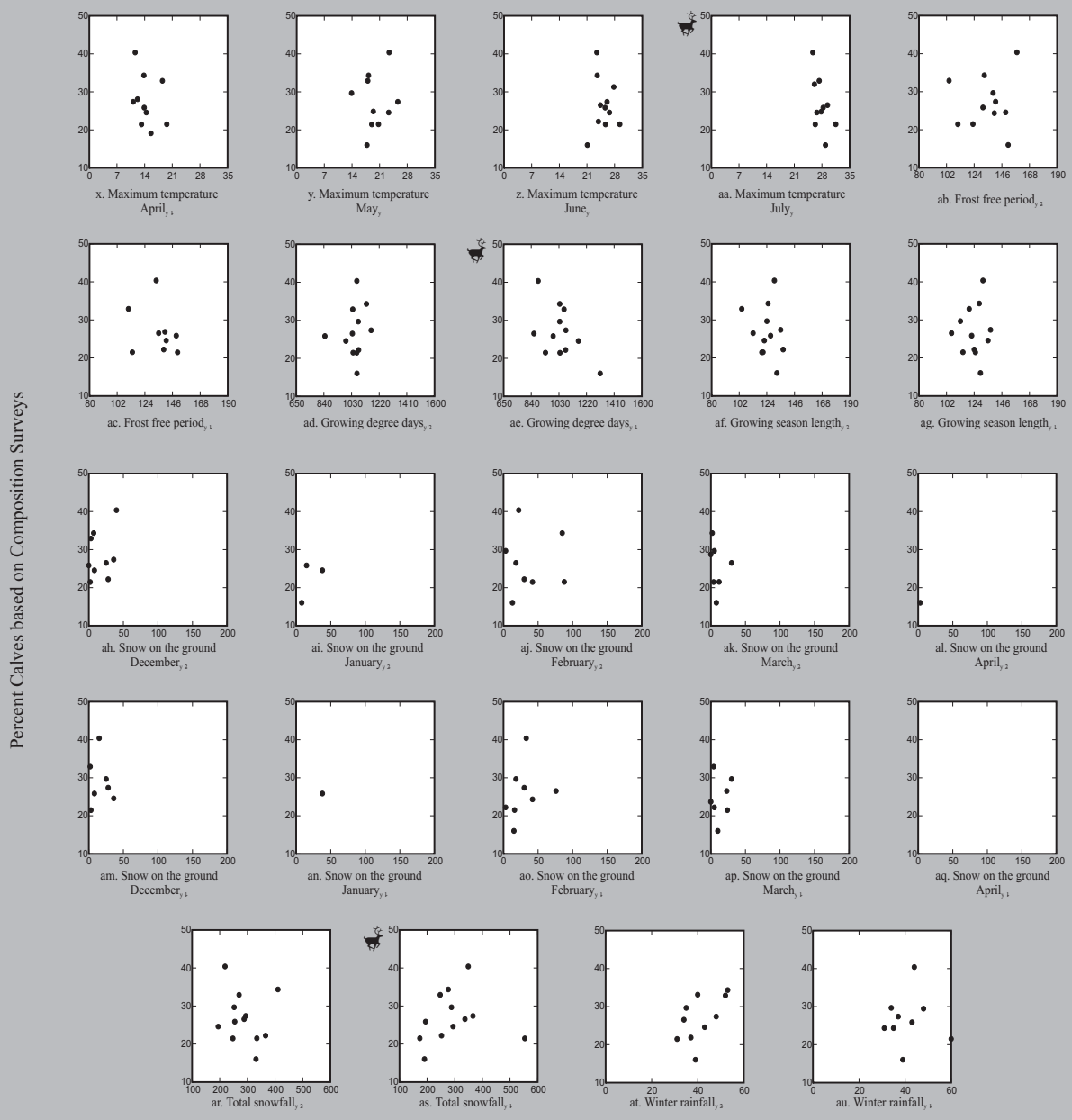


Fig. 14F-8B (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

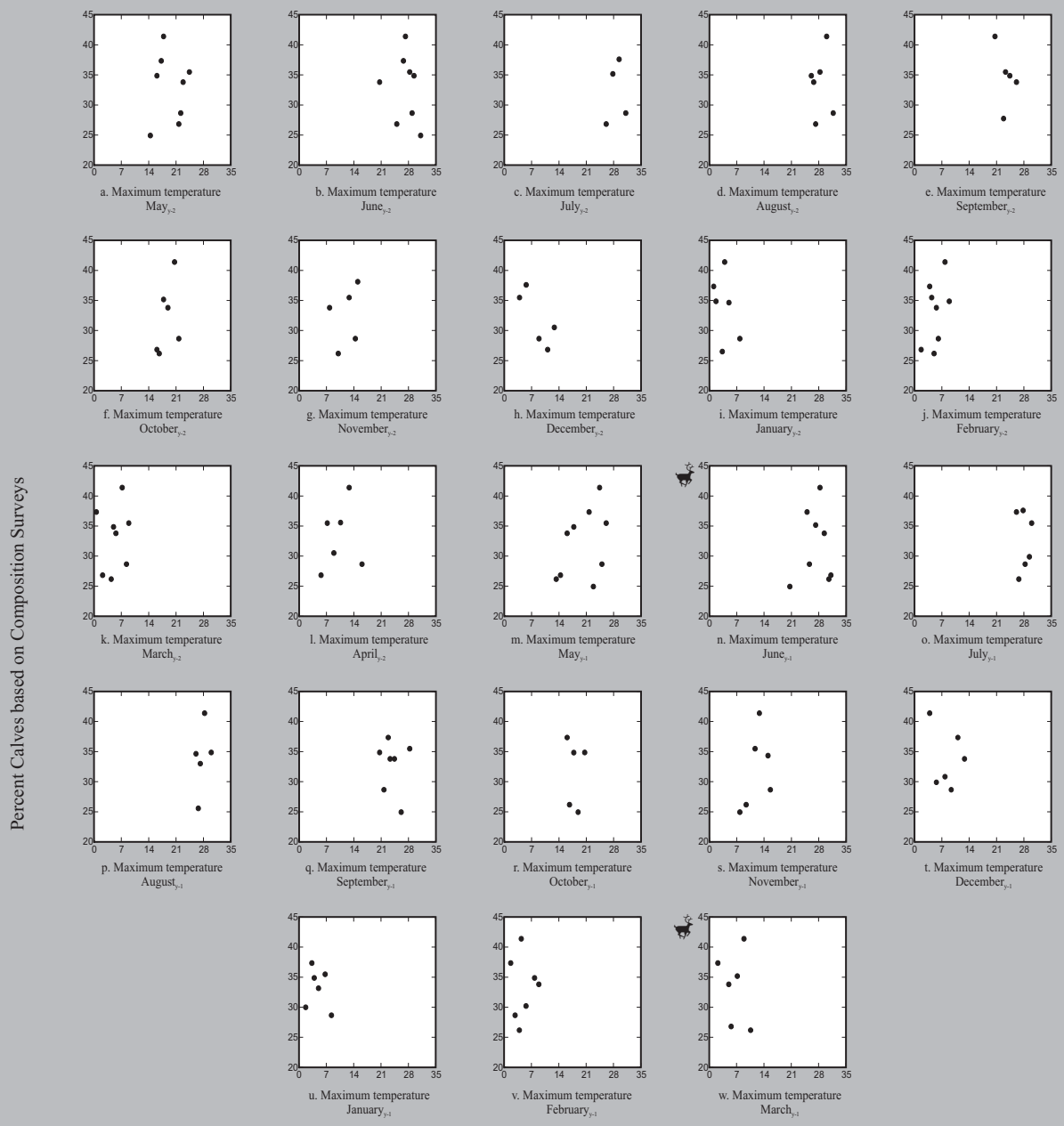


Fig. 14F-8C. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

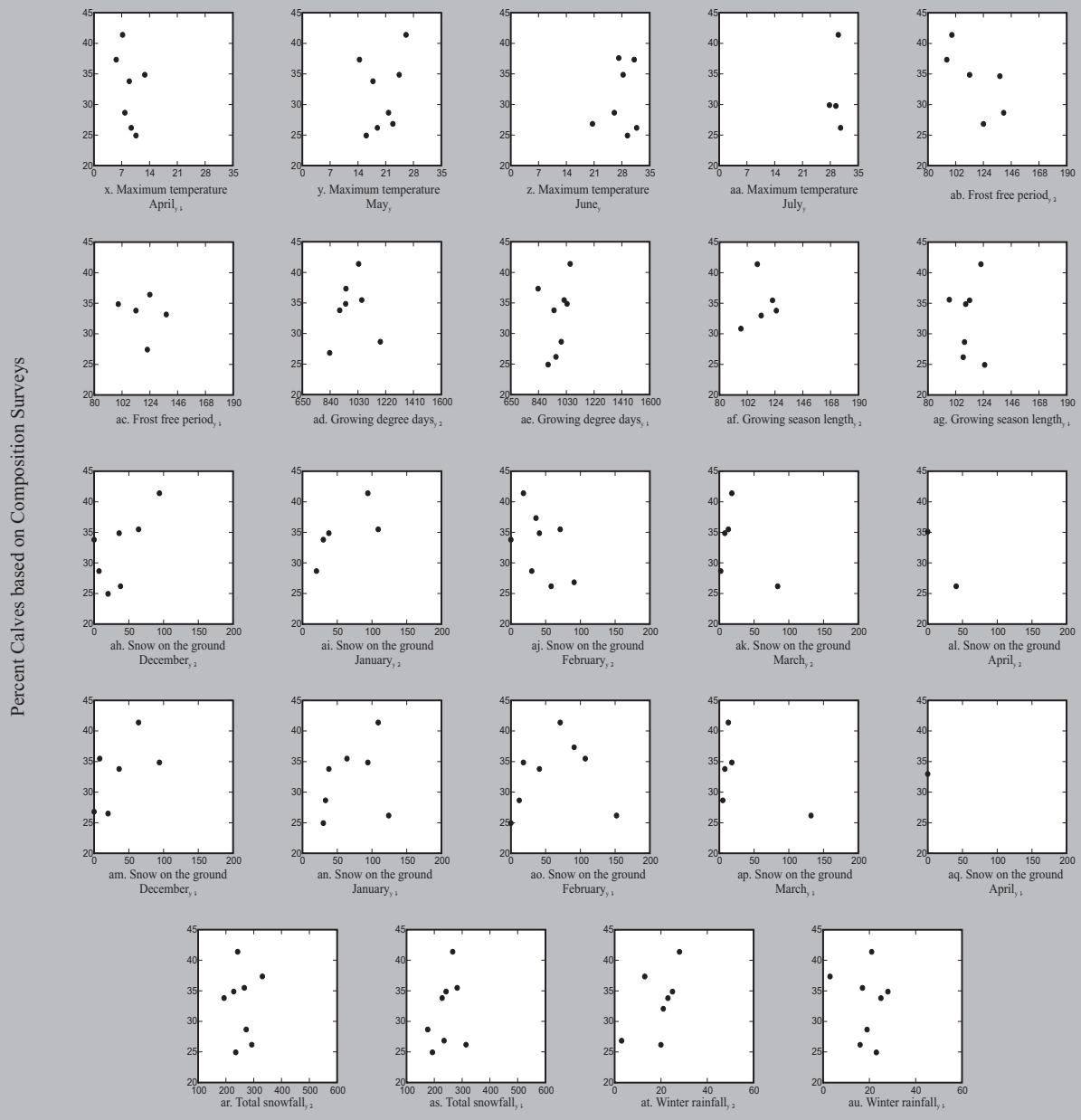


Fig. 14F-8C (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

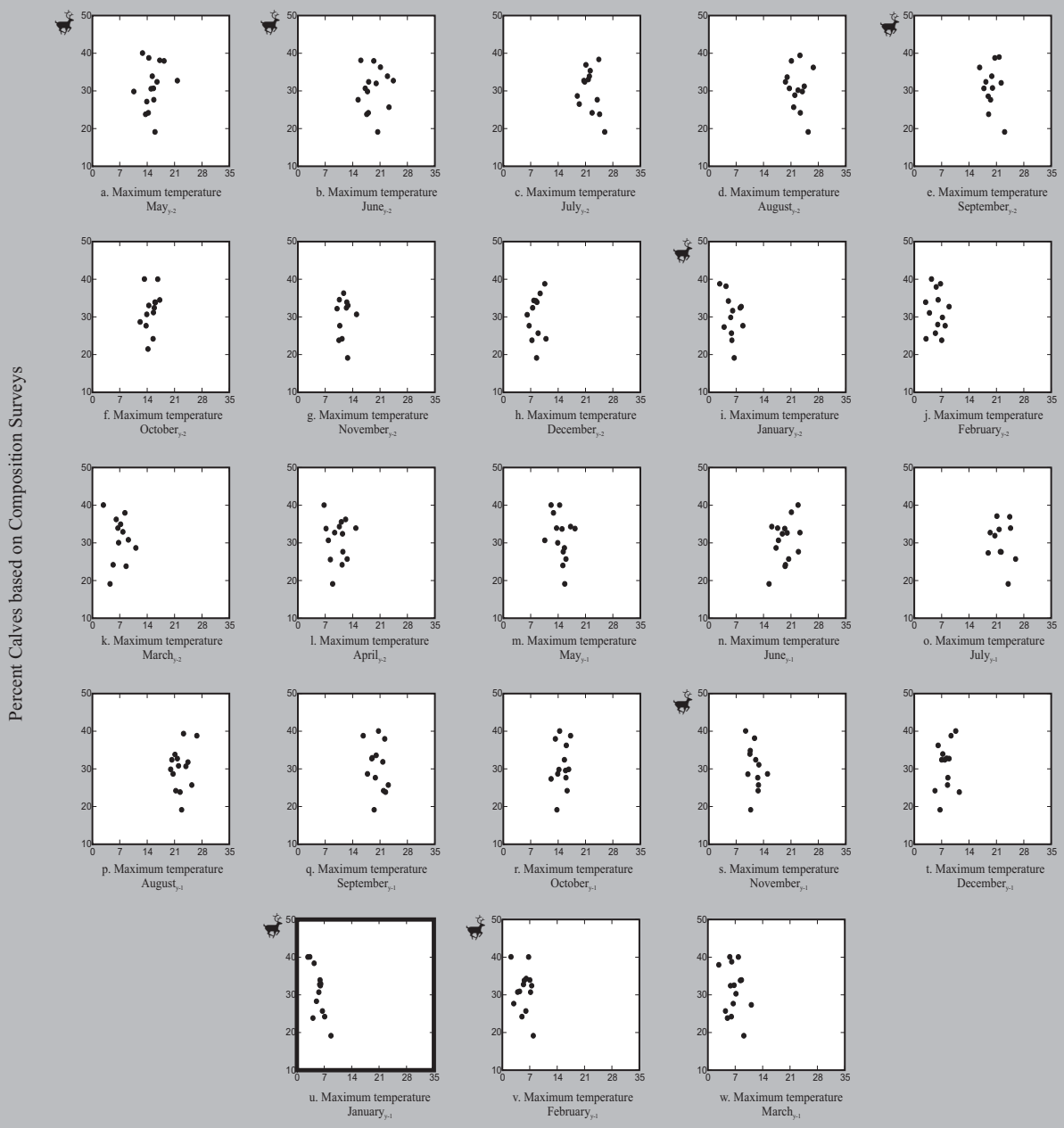


Fig. 14F-8D. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

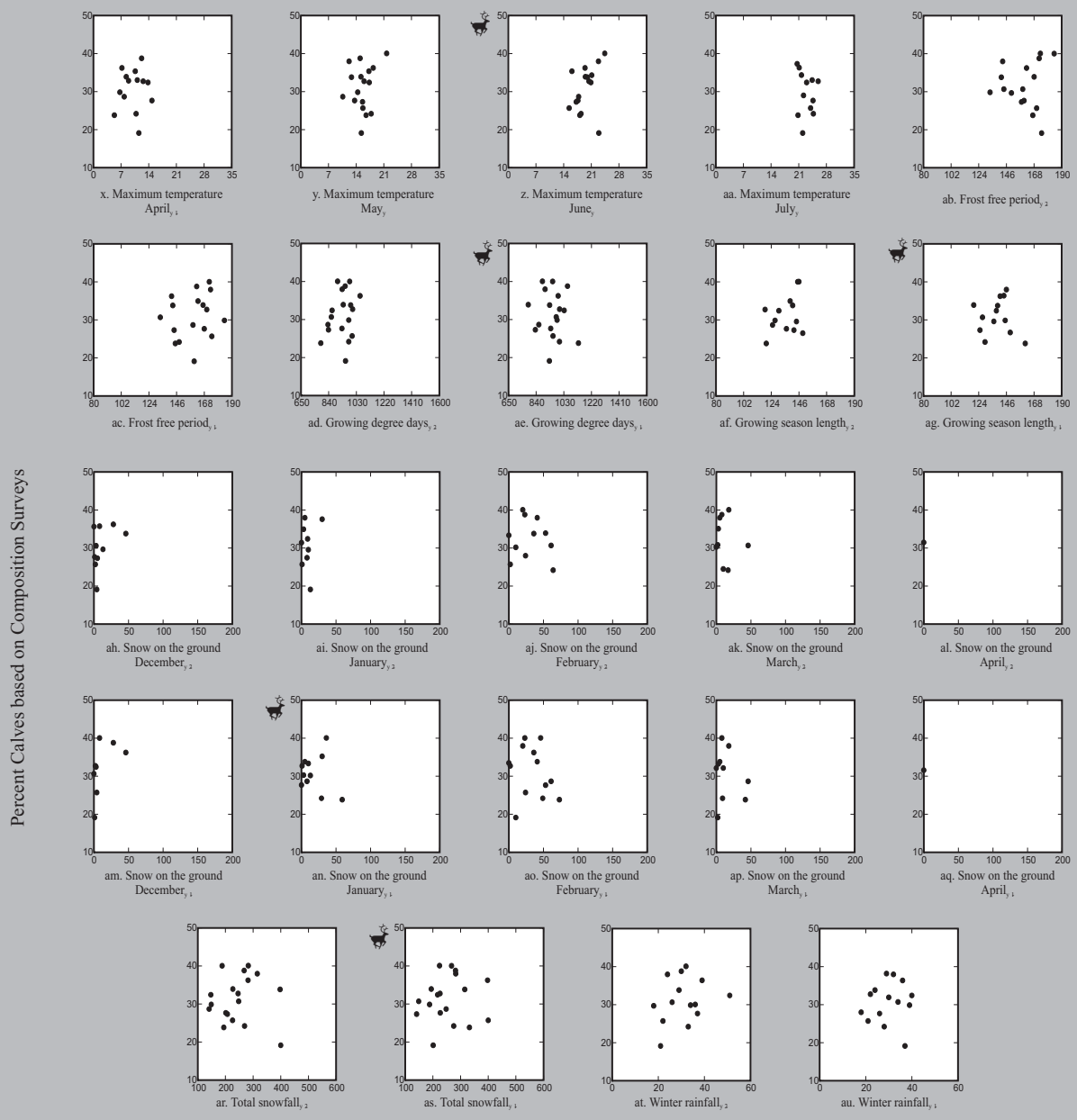


Fig. 14F-8D (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

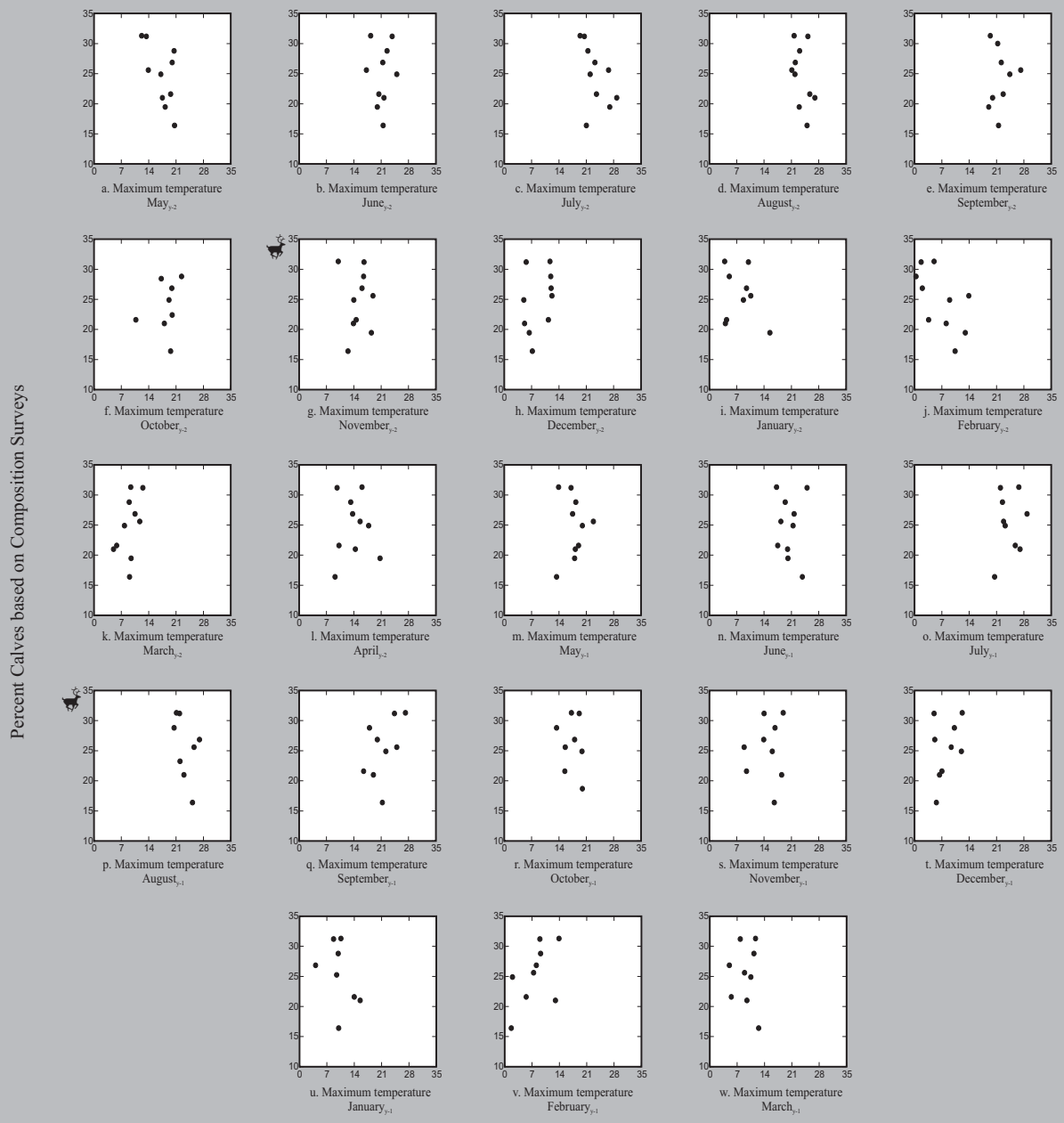


Fig. 14F-8E. Statistical comparison of weather indices to spring percent calves from spring (May to July) Composition Surveys for the Gros Morne Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □ , a significant relationship in the simple linear regression analysis.

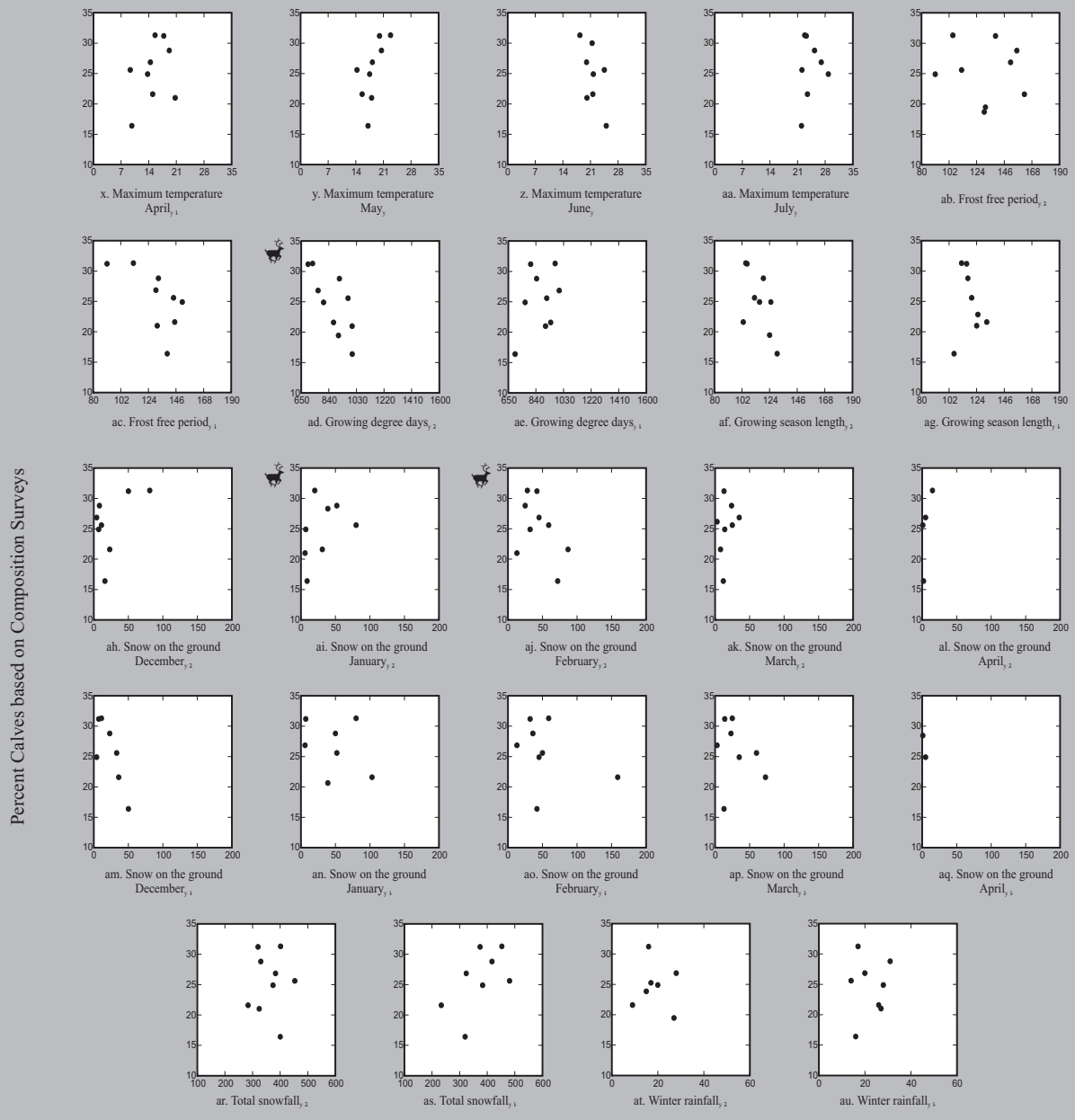


Fig. 14F-8E (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

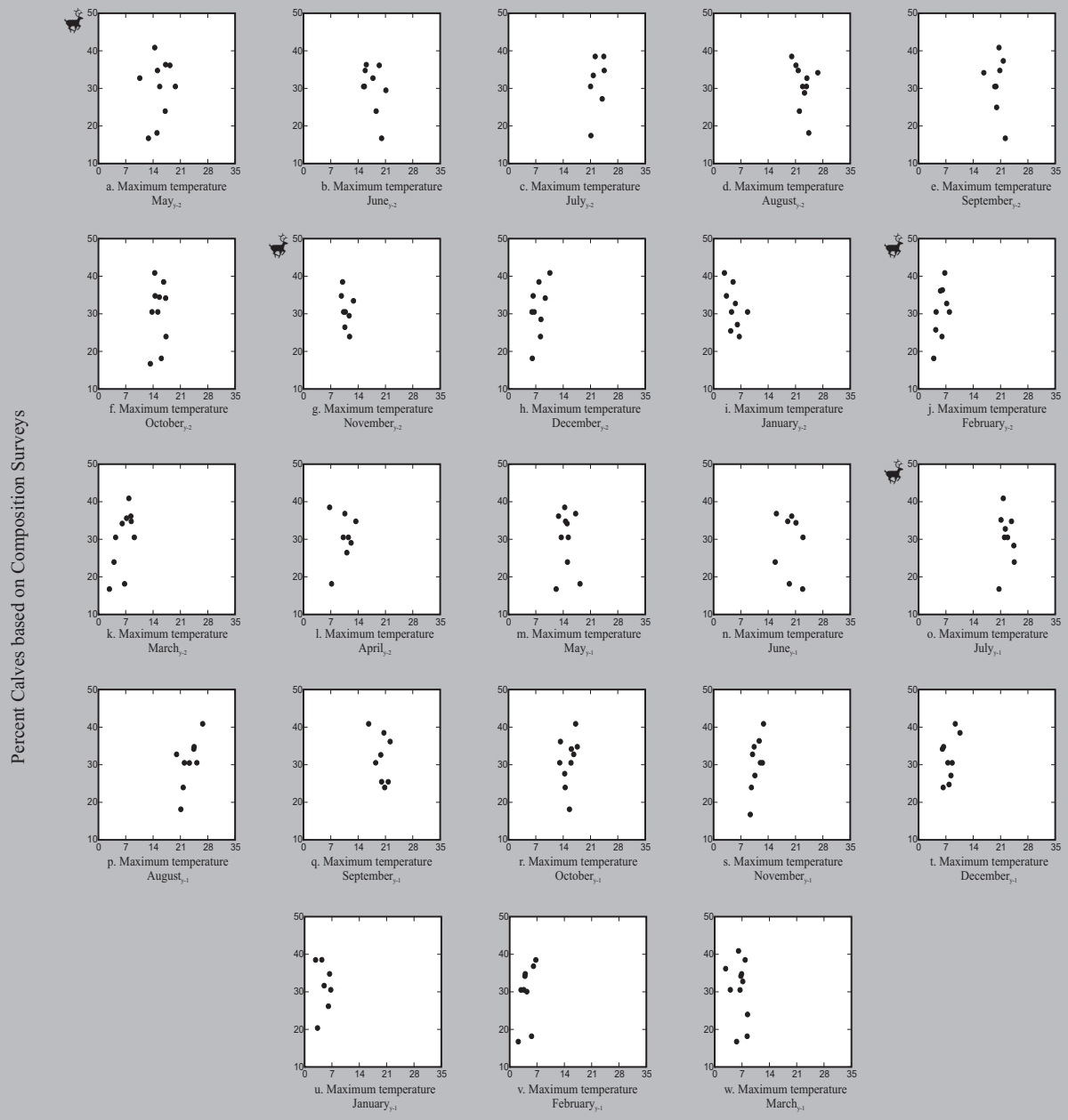


Fig. 14F-8F. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

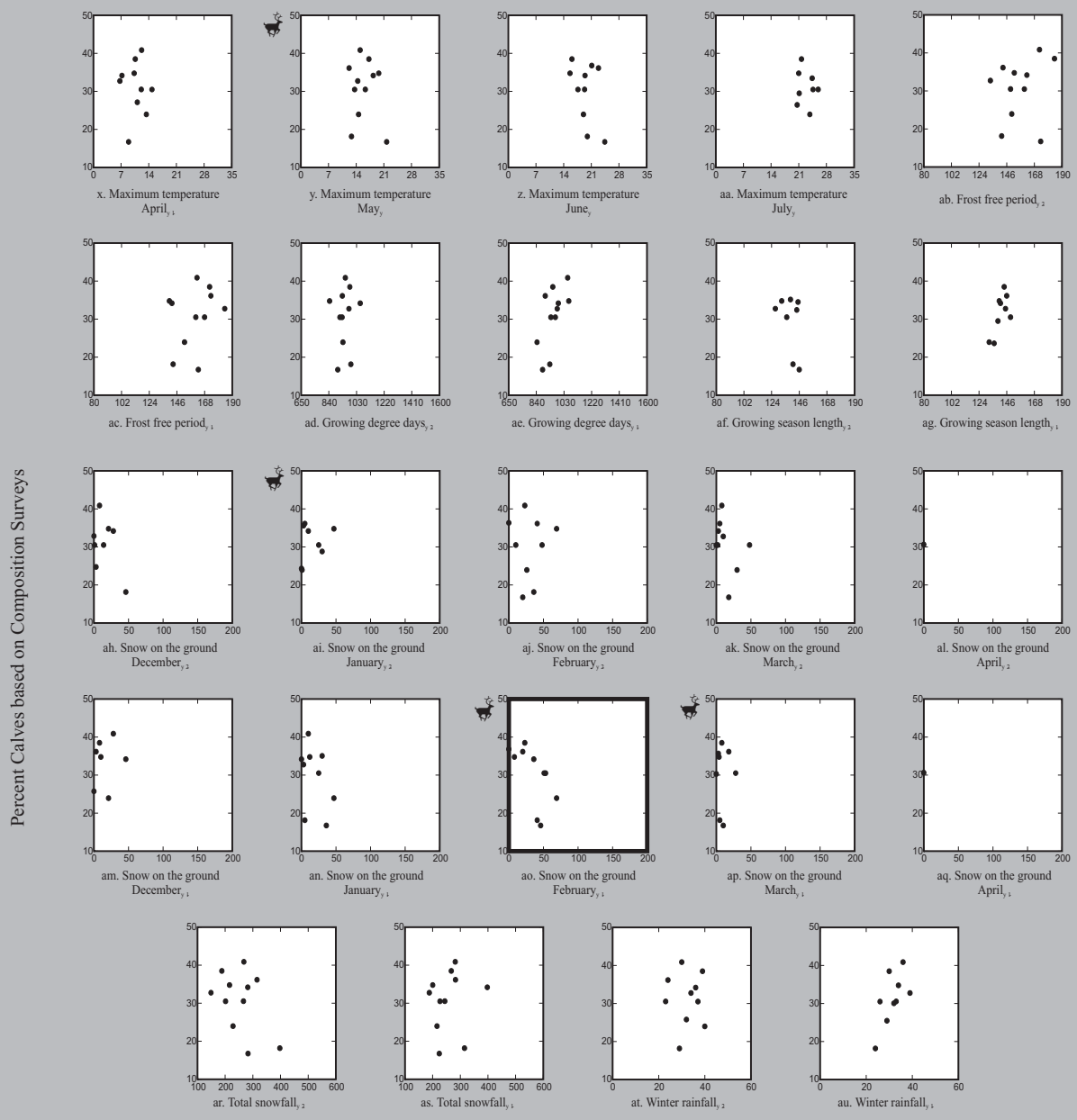


Fig. 14F-8F (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

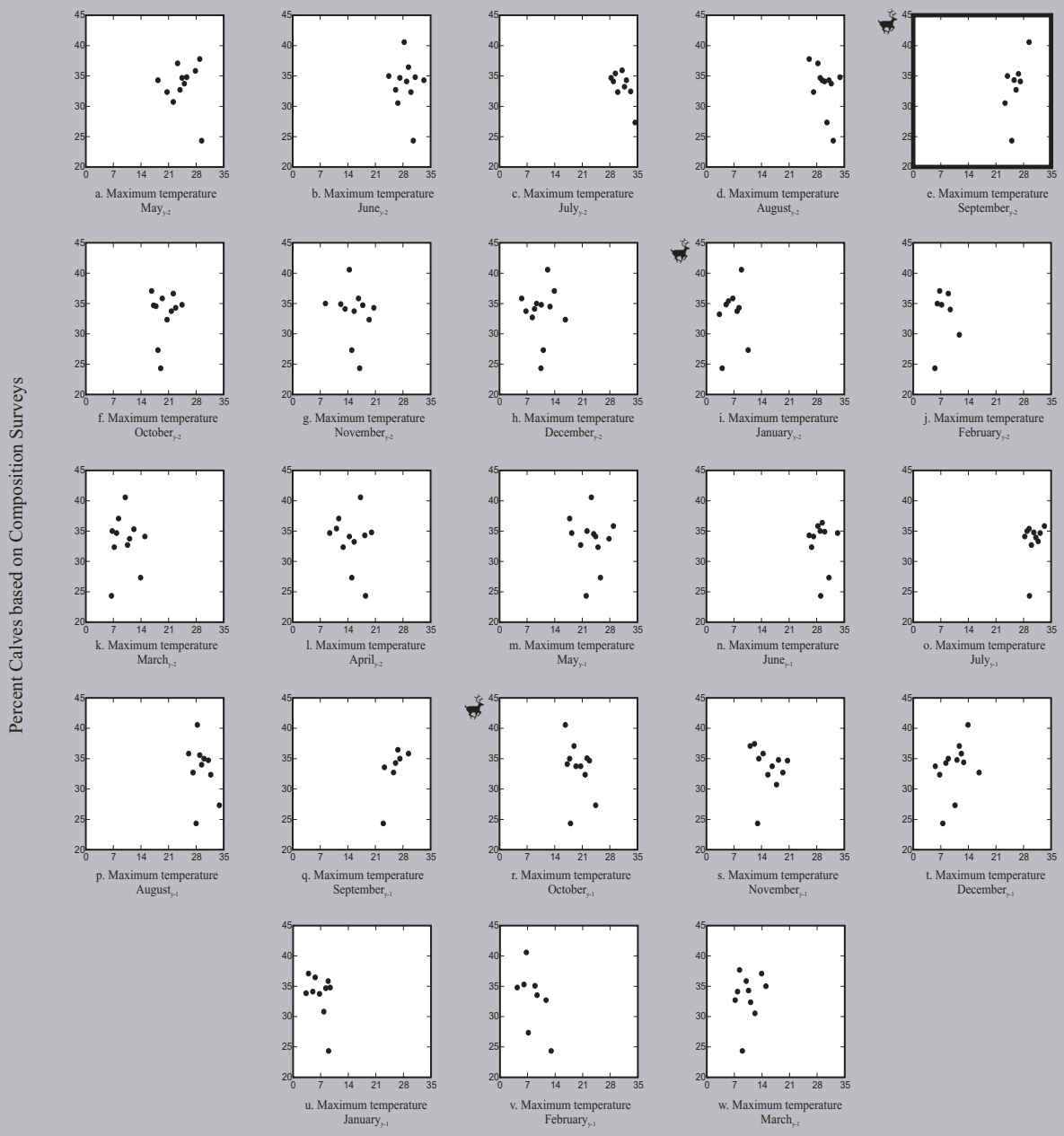


Fig. 14F-8G. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

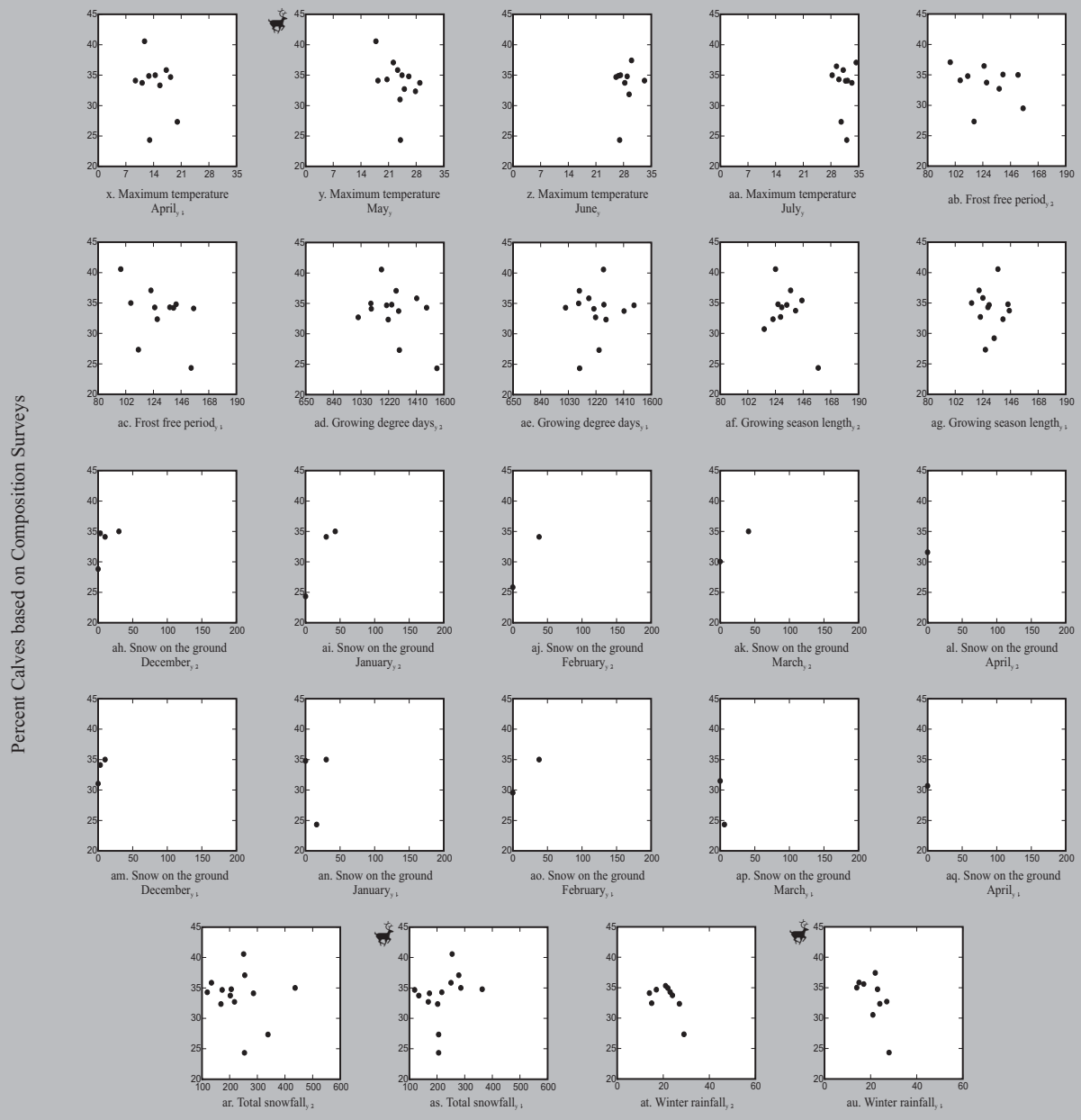


Fig. 14F-8G (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

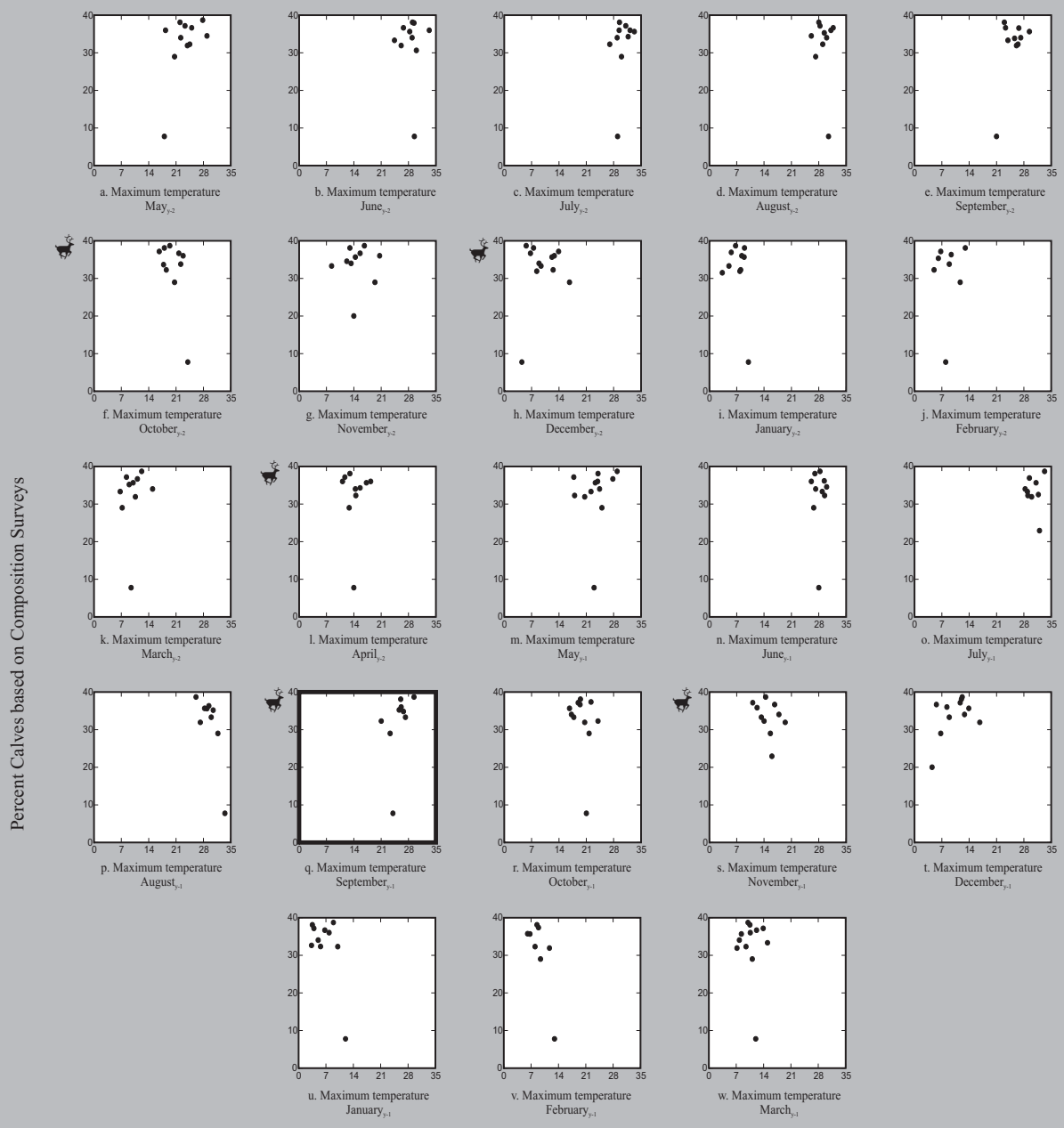


Fig. 14F-8H. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

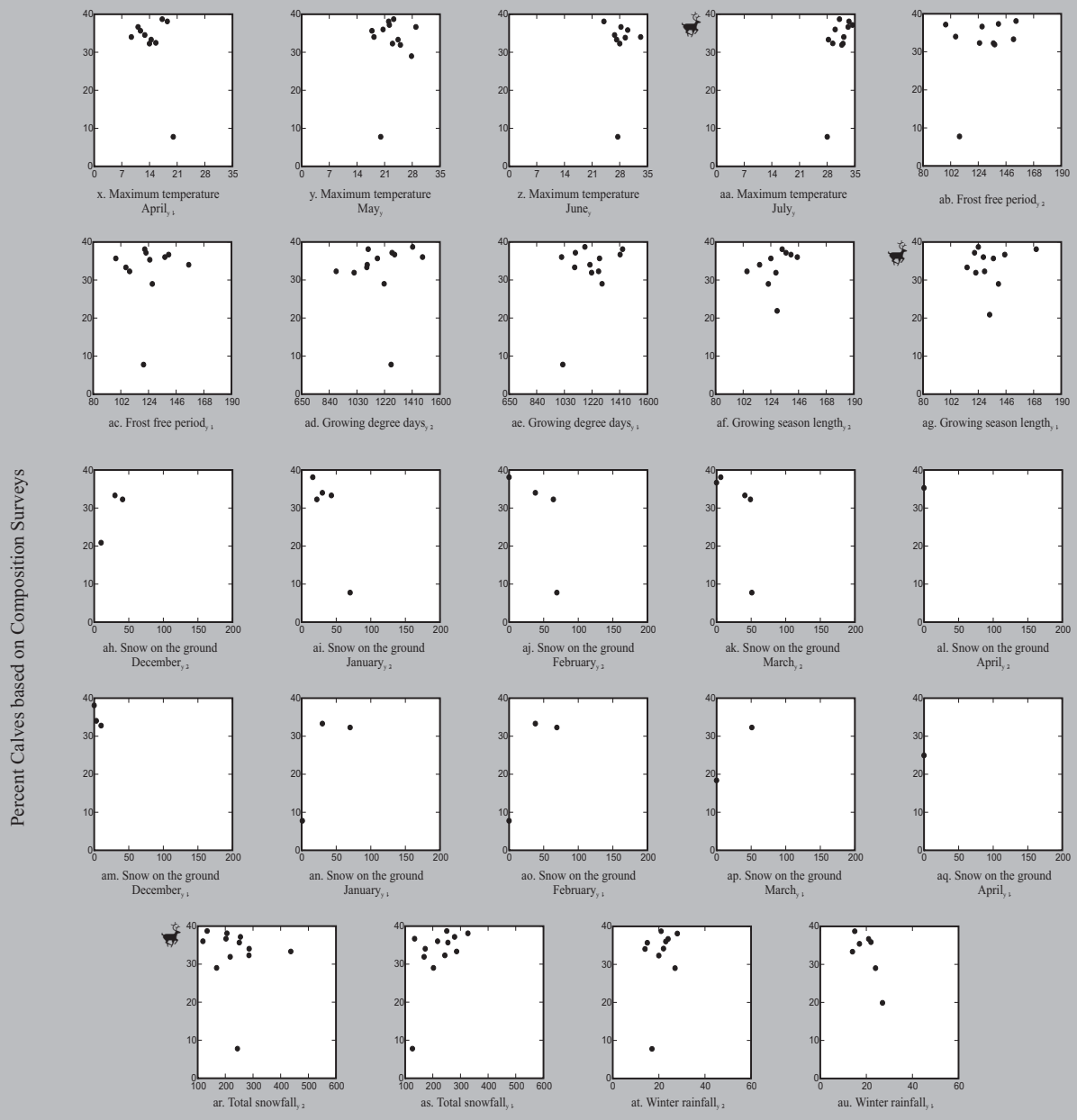


Fig. 14F-8H (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

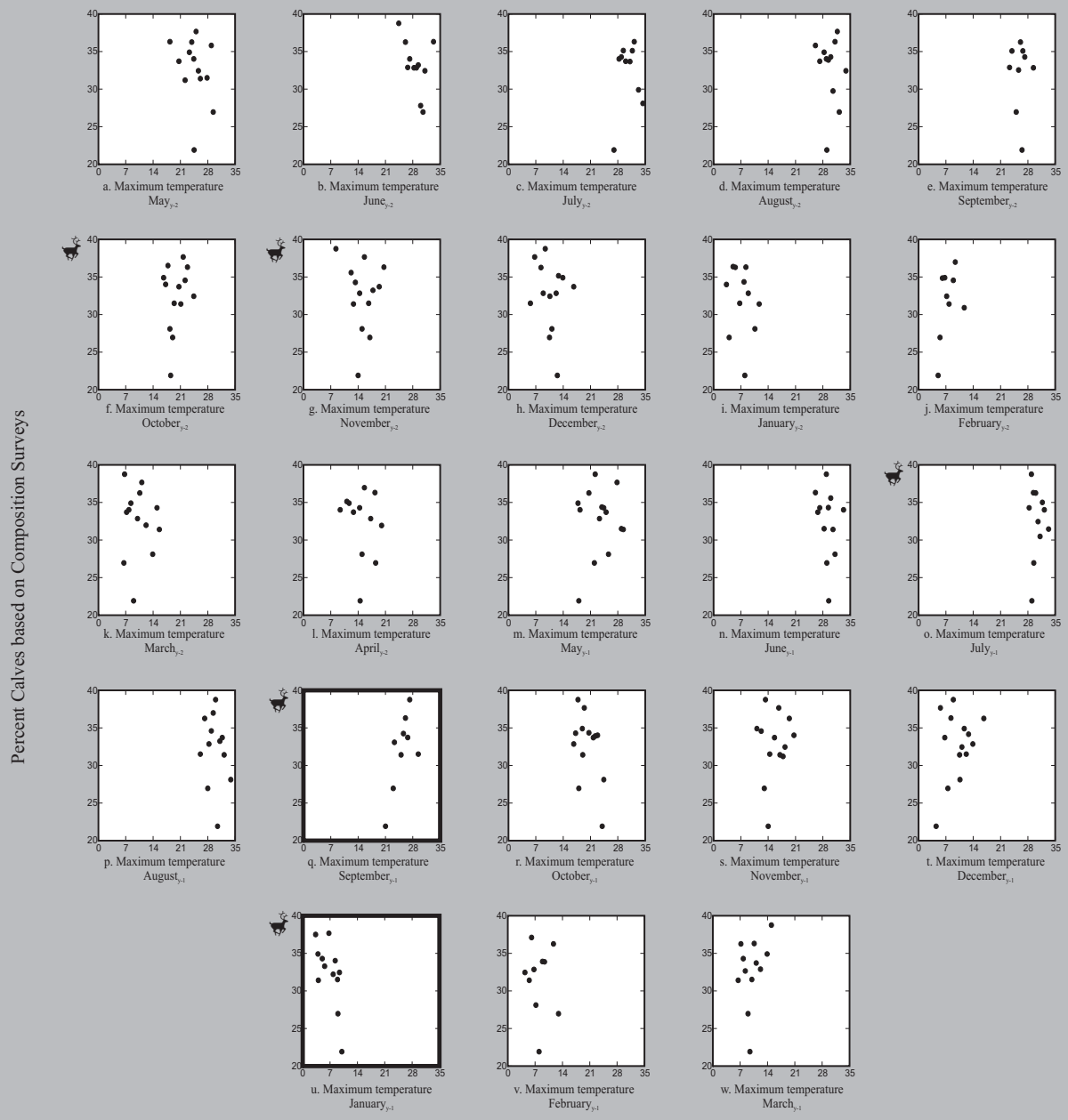


Fig. 14F-8I. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

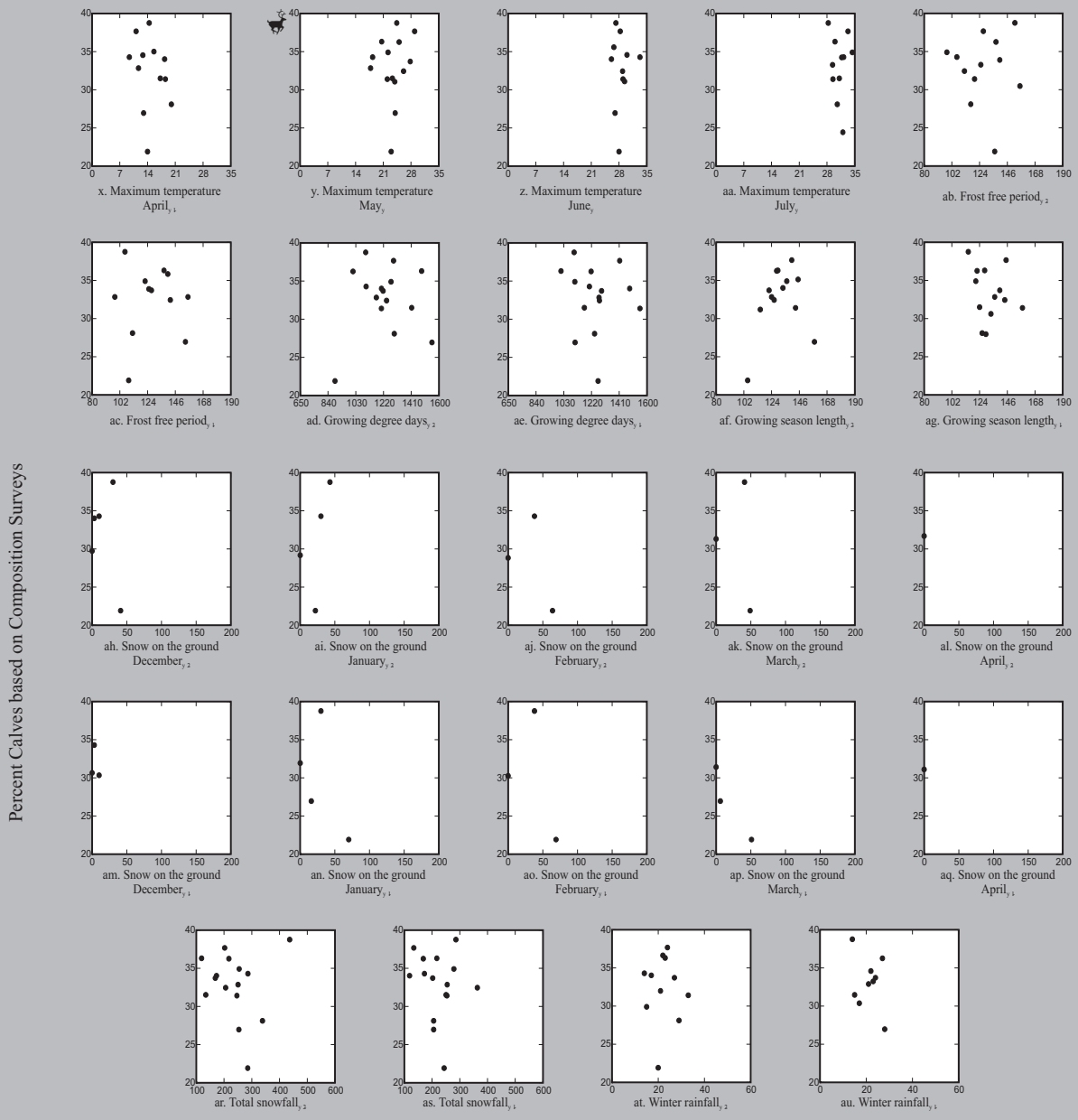


Fig. 14F-8I (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

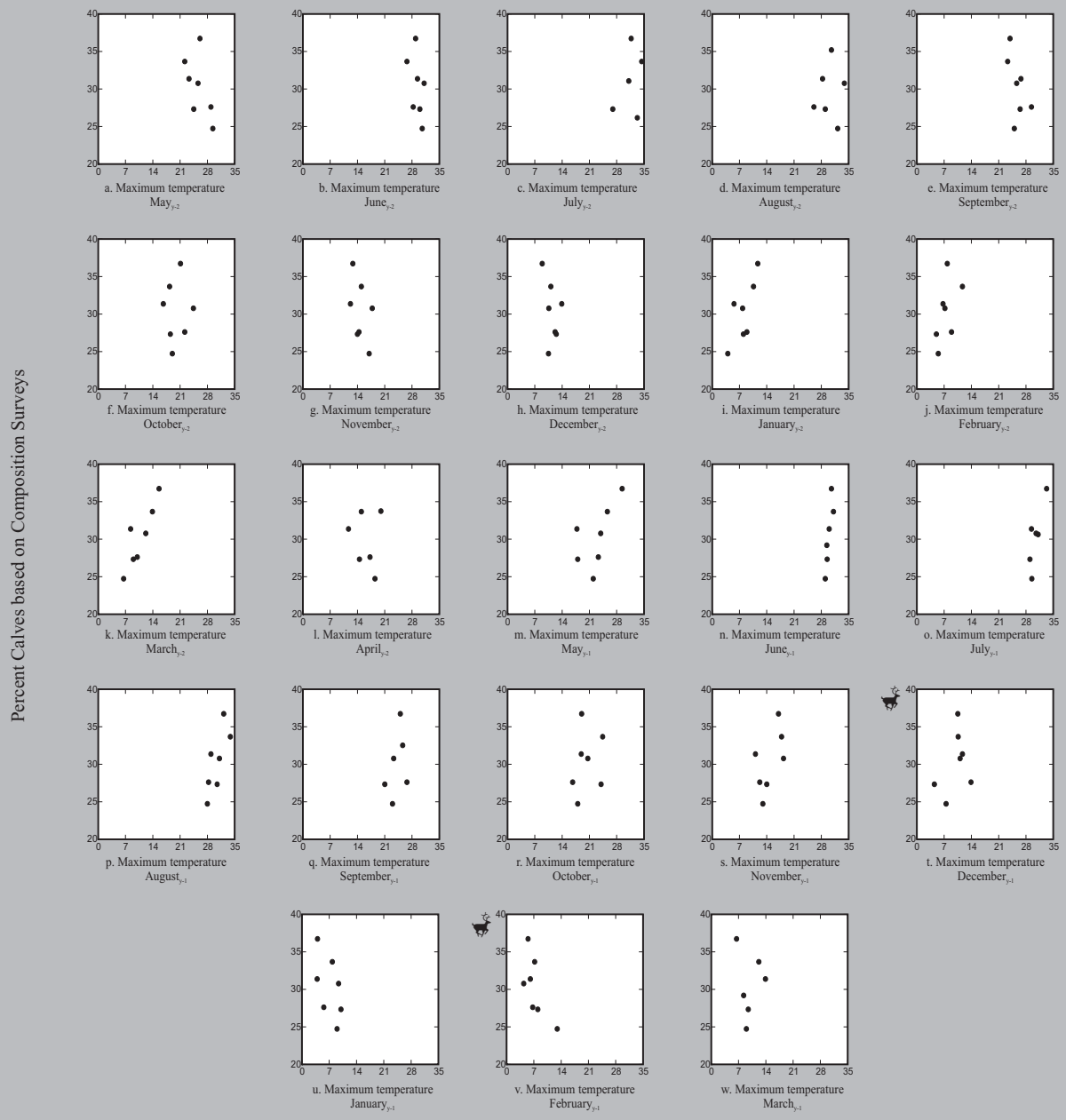


Fig. 14F-8J. Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

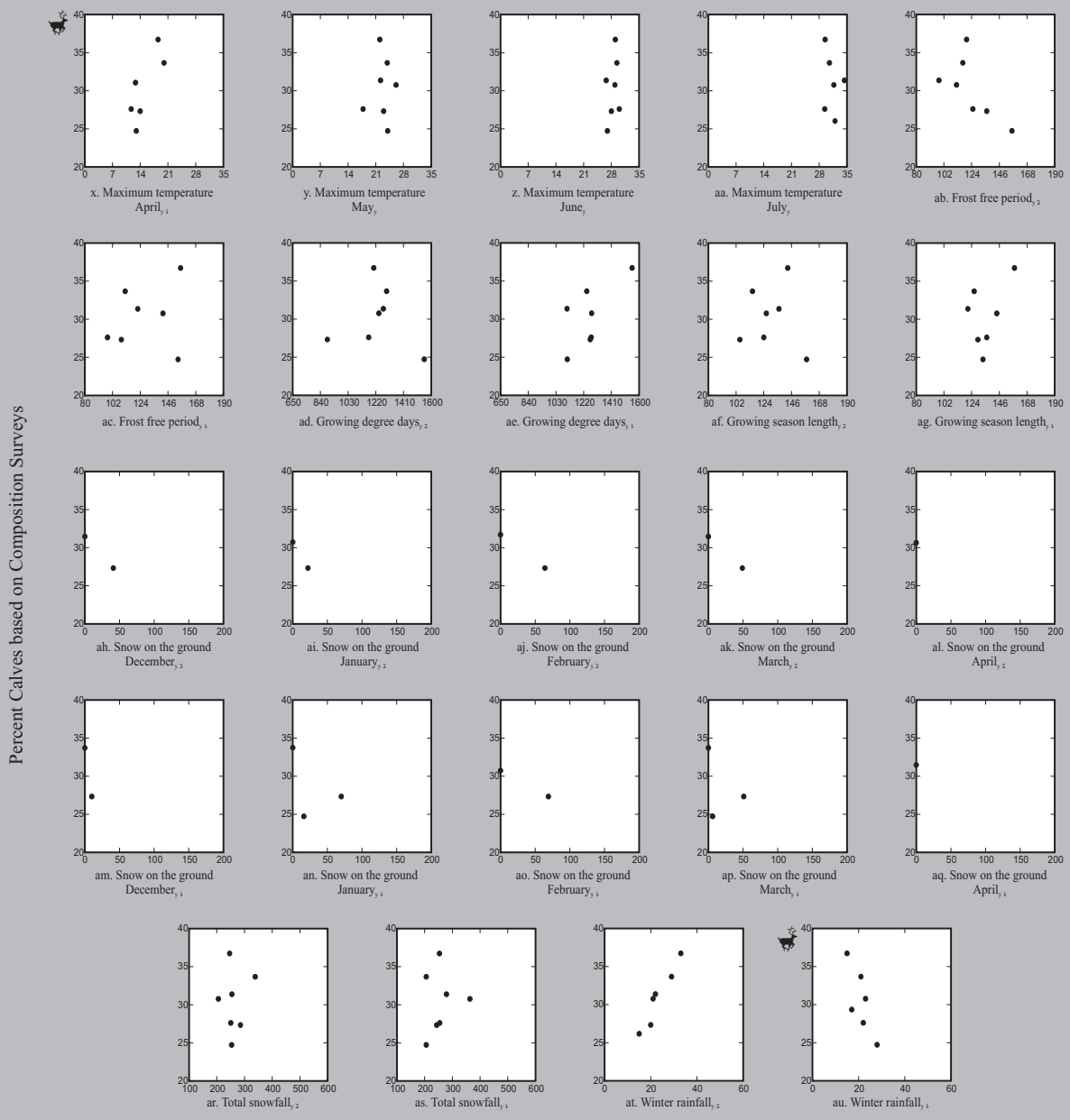


Fig. 14F-8J (con'd). Statistical comparison of weather indices and Percent Calves from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

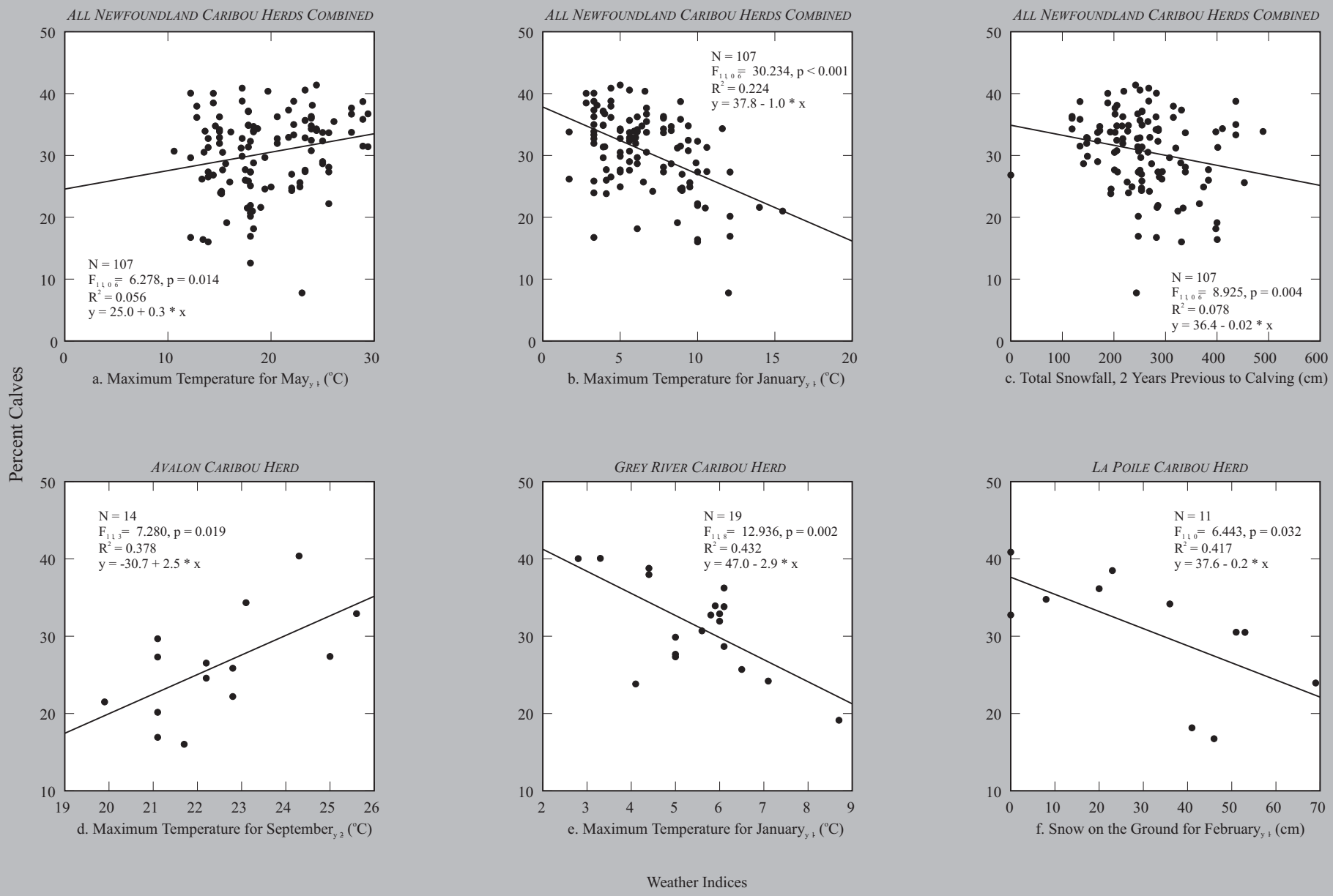


Fig. 14F-9. Simple linear regressions of Percent Calves in the spring (May - July) and weather indices as identified in Table 14F-4. Percent Calves is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

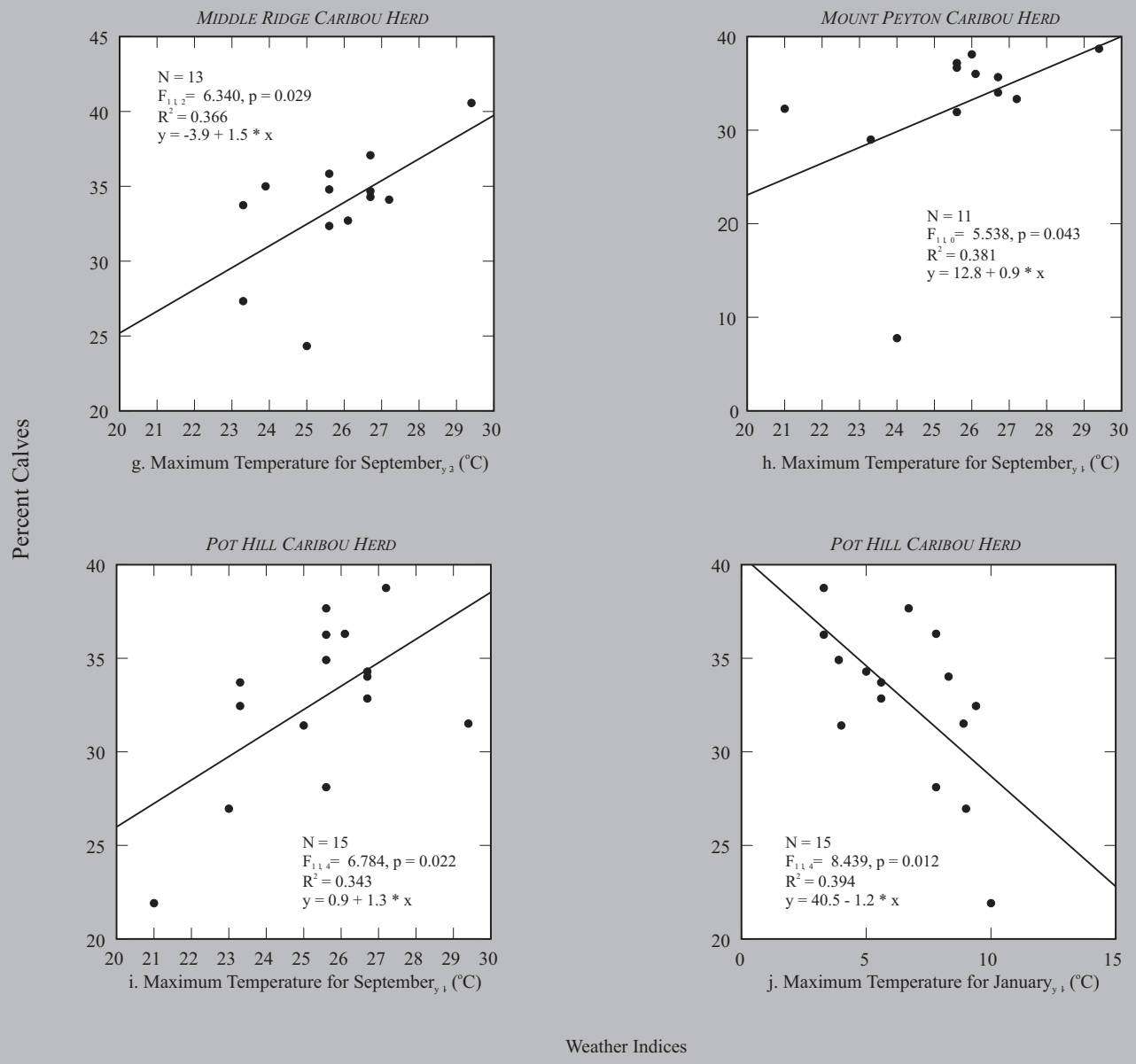


Fig. 14F-9 (con'd). Simple linear regressions of Percent Calves in the spring (May - July) and weather indices as identified in Table 14F-4. Percent Calves is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Table 14F-5. Relationship of Percent Calves, determined from **fall** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of December of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds														
Statistics	**Avalon**	**Buchans**	**Cape Shore**	**Gaff Topsails**	**Grey Islands**	**Grey River**	**Gros Morne**	**Hampden Downs**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Northern Peninsula**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	22	10	3	8	4	20	3*	3*	19	25	15	5	6	17	160
Years	**1964-97**	**1971-97**	**1994-96**	**1975-96**	**1972-79**	**1966-86**	**1993-95**	**1978-82**	**1966-94**	**1970-95**	**1969-95**	**1972-82**	**1979-95**	**1966-96**	**1966-96**
Weather station	St. John's	Buchans	St. Brides	Deer Lake	St. Anthony	Burgeo	Daniel's Harbour	Deer Lake	Burgeo	Grand Falls		Daniel's Harbour	Grand Falls		various
Weather Indices															
(i) Maximum monthly temperature (ºC)															
May_{y-2}	**S-1**								**S-4**	**S-1**					
$June_{y-2}$	**S-14**									**S-18**					
$July_{y-2}$	**R**								**S-14**						
$Aug._{y-2}$											**S-1**				
$Sept._{y-2}$														**S-12**	
$Oct._{y-2}$															
$Nov._{y-2}$										**S-2**					
$Dec._{y-2}$											**S-7**				
$Jan._{y-2}$											**S-6**				
$Feb._{y-2}$									**S-3**						
$March_{y-2}$										**S-8**					
$April_{y-2}$										**S-4**					
May_{y-1}	**S-6**								**S-7**		**S-9**				
$June_{y-1}$										**S-5**	**S-10**				
$July_{y-1}$											**S-12**			**S-8**	
$Aug._{y-1}$										**S-7**				**S-11**	
$Sept._{y-1}$	**S-7**	**S-1**							**S-10**						
$Oct._{y-1}$									**S-15**					**S-1**	
$Nov._{y-1}$															**S-5**
$Dec._{y-1}$	**S-13**														
$Jan._{y-1}$	**S-5**								**S-5**		**S-4**			**R**	
$Feb._{y-1}$									**S-1**						
$March_{y-1}$	**S-11**	**S-7**													
$April_{y-1}$	**S-12**									**S-14**			**S-1**	**S-3**	
May_{y}	**S-10**	**S-5**							**S-9**; **B-2**		**S-3**; **B-1**	**S-1**; **B-1**			
$June_{y}$		**S-4**								**S-12**			**B-2**	**S-4**	
$July_{y}$									**S-5**; **B-1**	**R**; **B-3**				**S-7**	
$Aug._{y}$		**S-2**							**S-2**	**S-15**	**B-4**				
$Sept._{y}$		**S-6**			**B-1**	**S-5**; **B-5**			**S-12**			**B-2**			
$Oct._{y}$											**B-5**			**S-10**	**S-4**; **B-4**
$Nov._{y}$	**S-3**; **B-1**									**B-2**					**S-3**; **B-3**
$Dec._{y}$						**S-4**; **B-4**			**S-6**	**S-13**	**S-5**; **B-2**				

Table 14F-5 (con'd). Relationship of Percent Calves, determined from **fall** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of December of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship (α = 0.15) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds														
Statistics	**Avalon**	**Buchans**	**Cape Shore**	**Gaff Topsails**	**Grey Islands**	**Grey River**	**Gros Morne**	**Hampden Downs**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Northern Peninsula**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	22	10	3	8	4	20	3*	3*	19	25	15	5	6	17	160
Years	**1964-97**	**1971-97**	**1994-96**	**1975-96**	**1972-79**	**1966-86**	**1993-95**	**1978-82**	**1966-94**	**1970-95**	**1969-95**	**1972-82**	**1979-95**	**1966-96**	**1966-96**
Weather station	St. John's	Buchans	St. Brides	Deer Lake	St. Anthony	Burgeo	Daniel's Harbour	Deer Lake	Burgeo	Grand Falls		Daniel's Harbour	Grand Falls		various
Weather Indices															
(ii) Frost free period (days)															
y-2										**S-6**	**S-8**			**S-2**	
y-1									**S-13**	**S-16**					
y	**S-9**			**S-1**; **B-1**		**S-2**; **B-2**							**B-1**		
(iii) Growing degree days (days)															
y-2										**S-10**					
y-1	**S-8**									**S-19**					
y		**S-3**				**S-3**; **B-3**								**S-13**	
(iv) Growing season length (days)															
y-2										**S-9**				**S-6**	
y-1	**S-2**														
y						**S-1**; **B-1**					**S-2**; **B-3**				**S-2**; **B-2**
(v) Snow depth (cm) on the ground on the last day of the month															
$Dec._{y-2}$	n/a	n/a	n/a	n/a				n/a		n/a	n/a		n/a	n/a	n/a
$Jan._{y-2}$	n/a		n/a			n/a		n/a	n/a	n/a	n/a			n/a	n/a
$Feb._{y-2}$	n/a		n/a	n/a		n/a		n/a	n/a	n/a	n/a			n/a	n/a
$March_{y-2}$	n/a		n/a	n/a				n/a		n/a	n/a			n/a	n/a
$April_{y-2}$	n/a		n/a	n/a		n/a	n/a	n/a	n/a	n/a	n/a	n/a			n/a
$Dec._{y-1}$	n/a	n/a	n/a	n/a	**S-1**		n/a	n/a		n/a	n/a				n/a
$Jan._{y-1}$	n/a		n/a	n/a		n/a		n/a		n/a	n/a		n/a		n/a
$Feb._{y-1}$	n/a		n/a	n/a		n/a		n/a	n/a	n/a	n/a	**S-2**	n/a		n/a
$March_{y-1}$	n/a		n/a	n/a				n/a		n/a	n/a		n/a		n/a
$April_{y-1}$	n/a		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a		n/a
$Dec._{y}$	n/a	n/a	n/a	n/a			n/a	n/a	n/a	n/a	n/a		n/a		n/a
(vi) Total snowfall (cm)															
y-2										**S-17**				**S-14**	
y-1										**S-3**; **B-1**	**S-11**			**S-9**	
(vii) Winter rainfall (days)															
y-2									**S-8**	**S-11**				**S-5**	
y-1															**S-1**; **B-1**

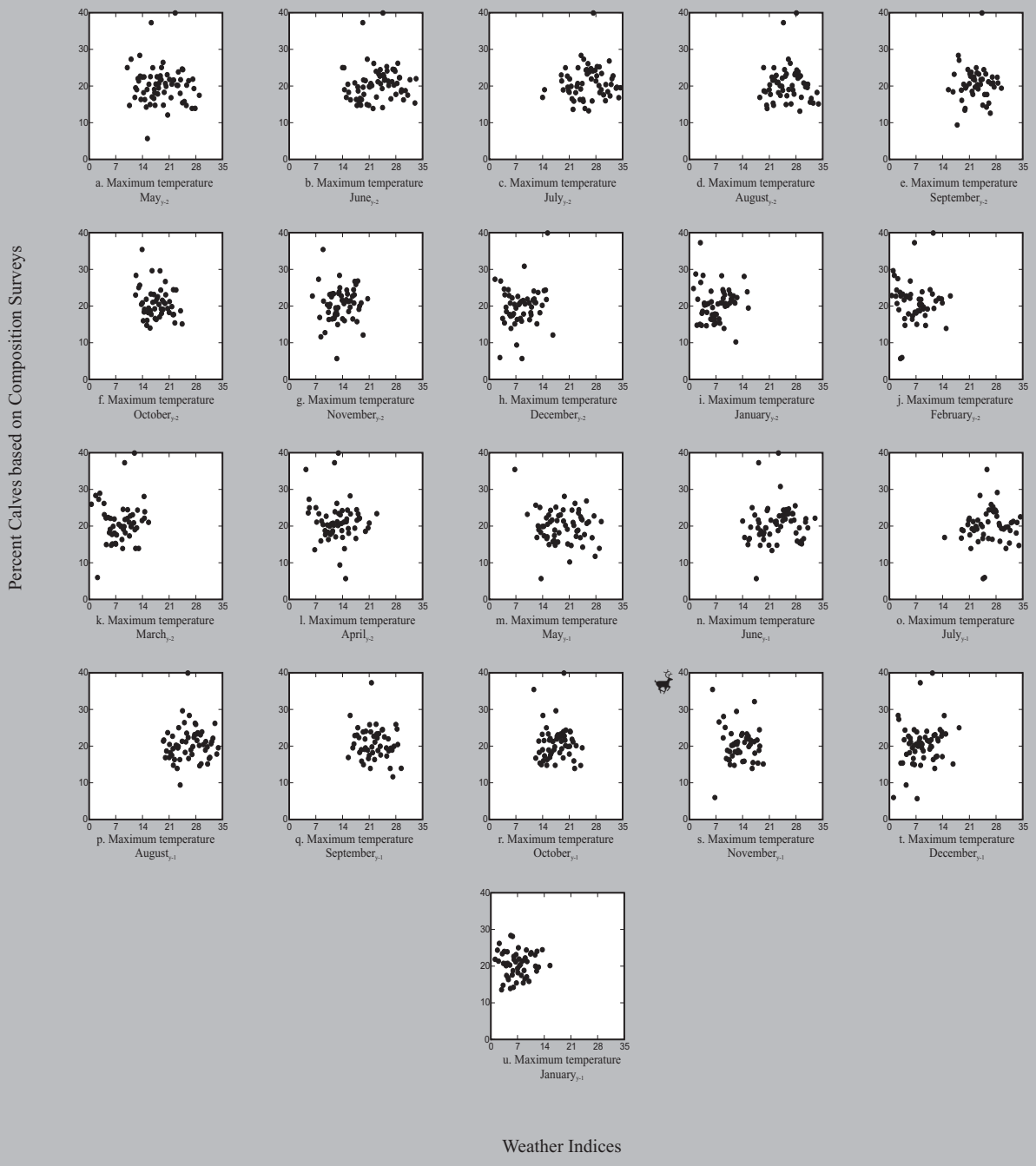


Fig. 14F-10A. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

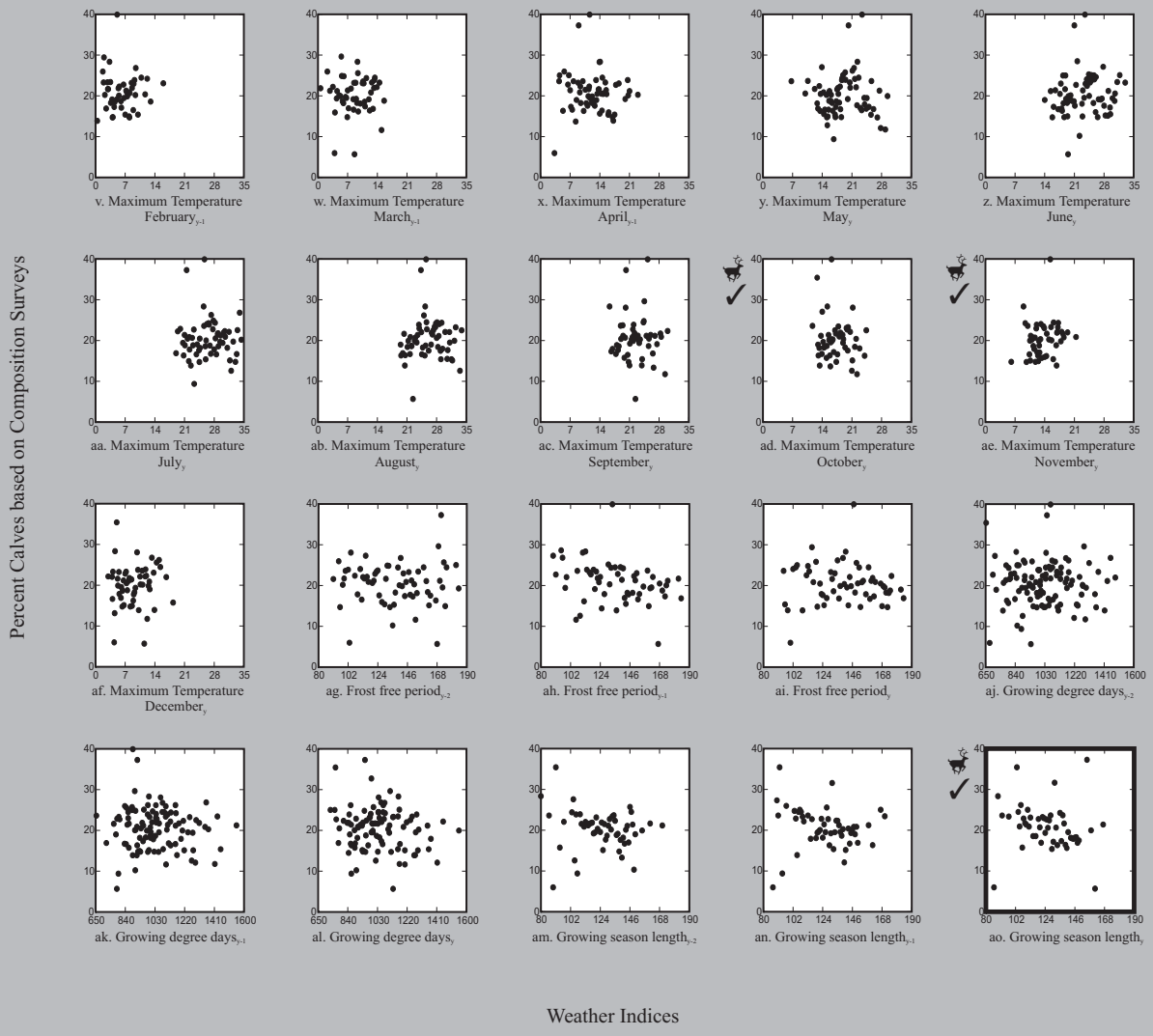


Fig. 14F-10A (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

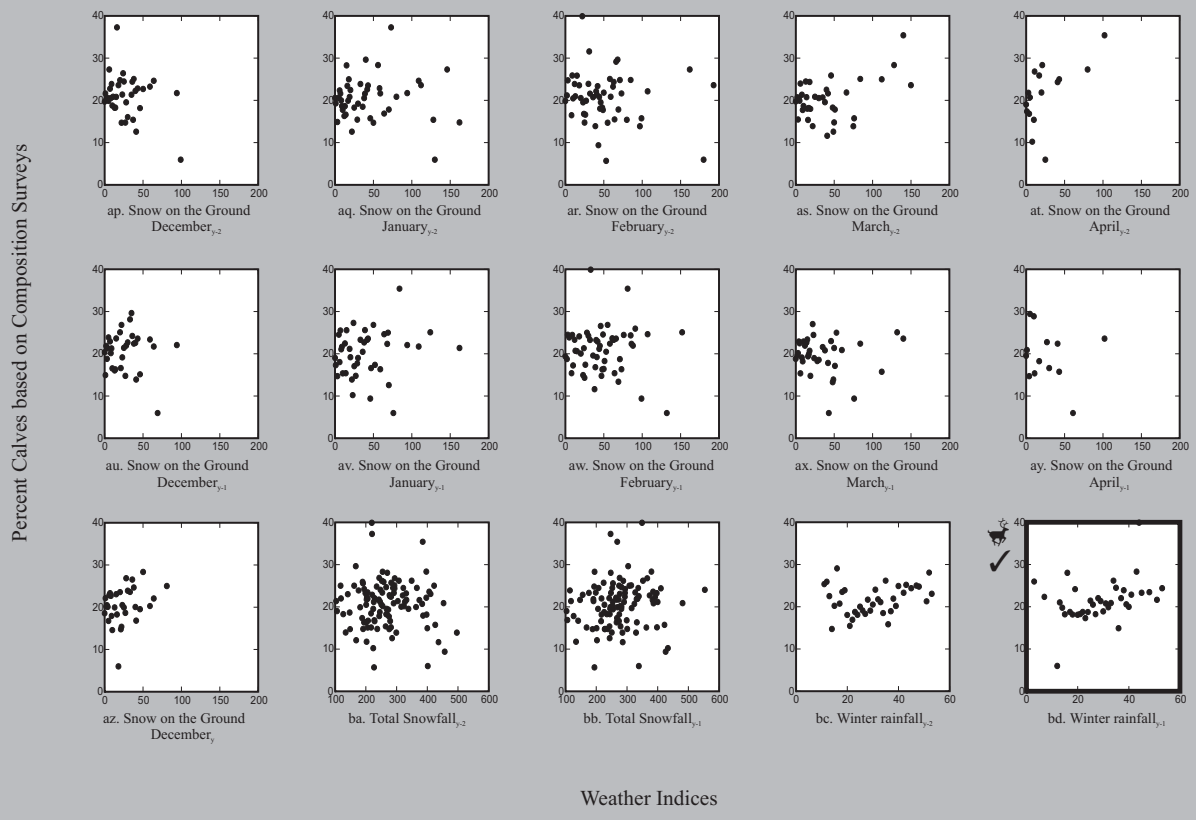


Fig. 14F-10A (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for all caribou herds combined; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

Fig. 14F-10B. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

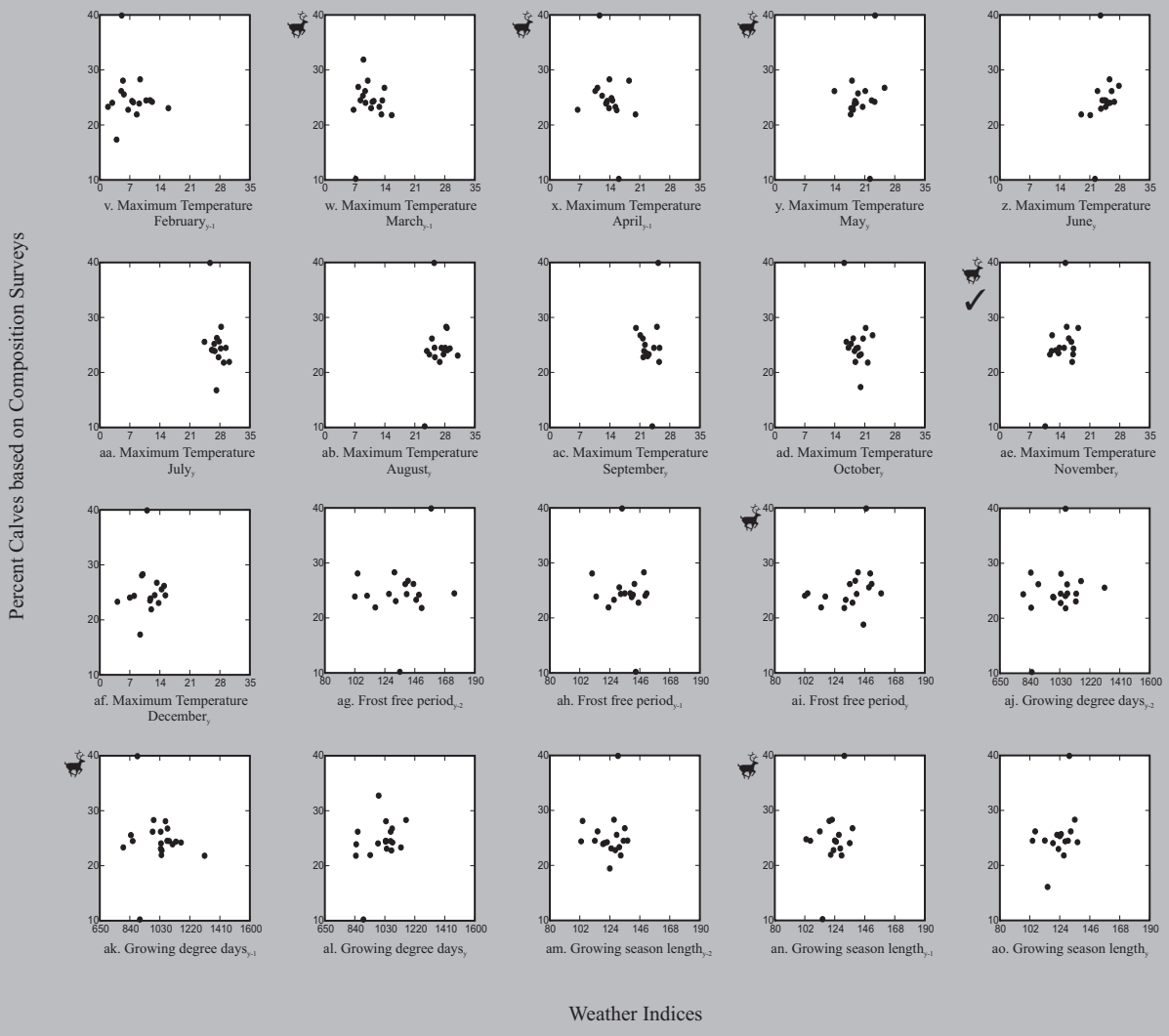


Fig. 14F-10B (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

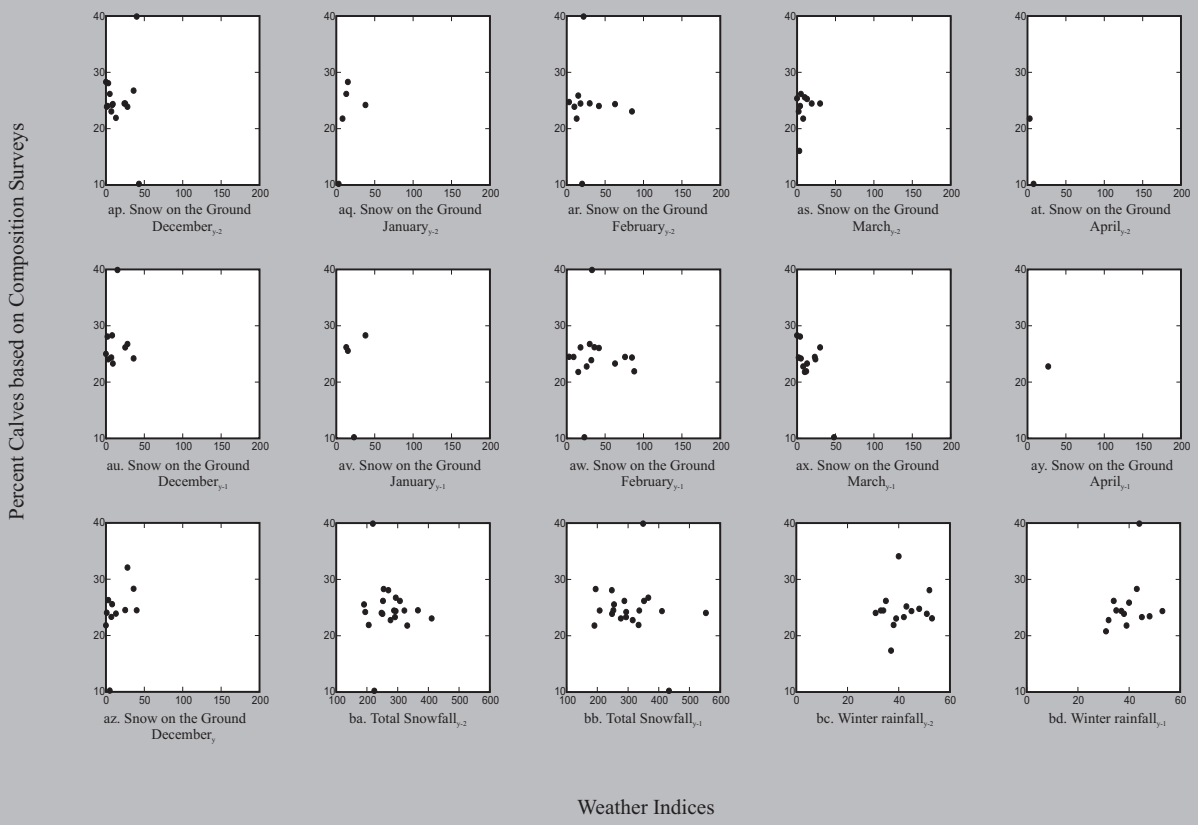


Fig. 14F-10B (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

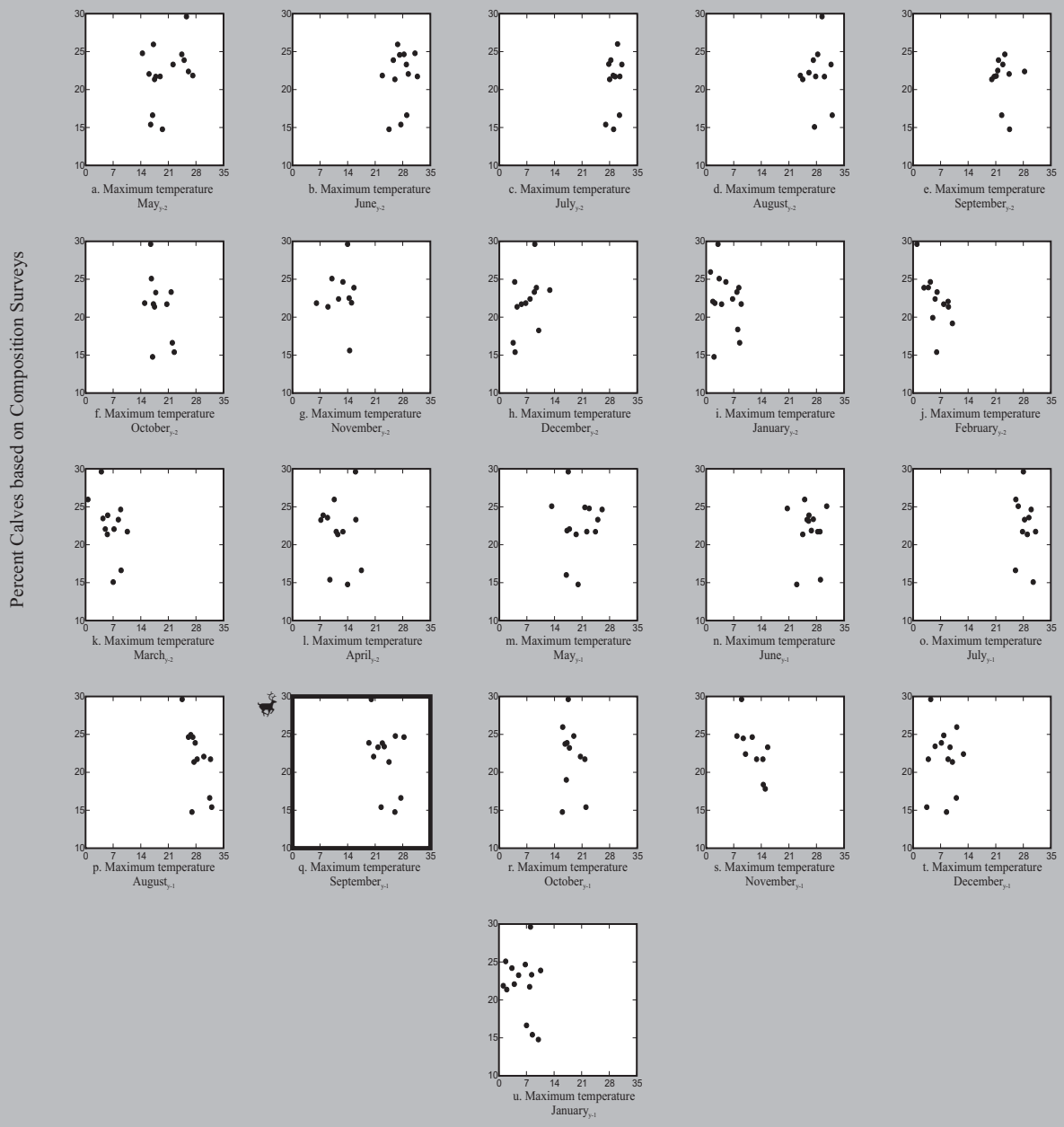


Fig. 14F-10C. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

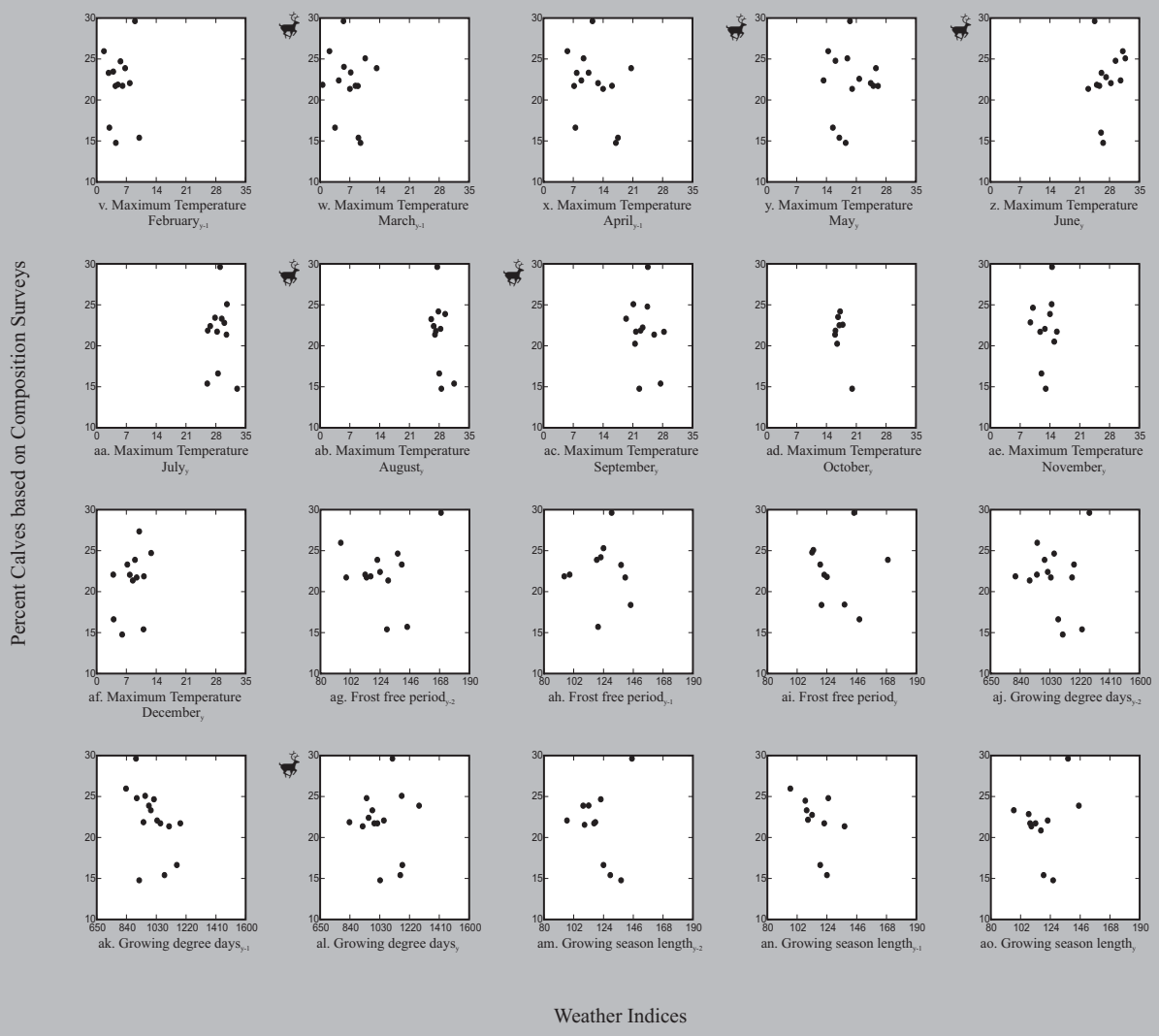


Fig. 14F-10C (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

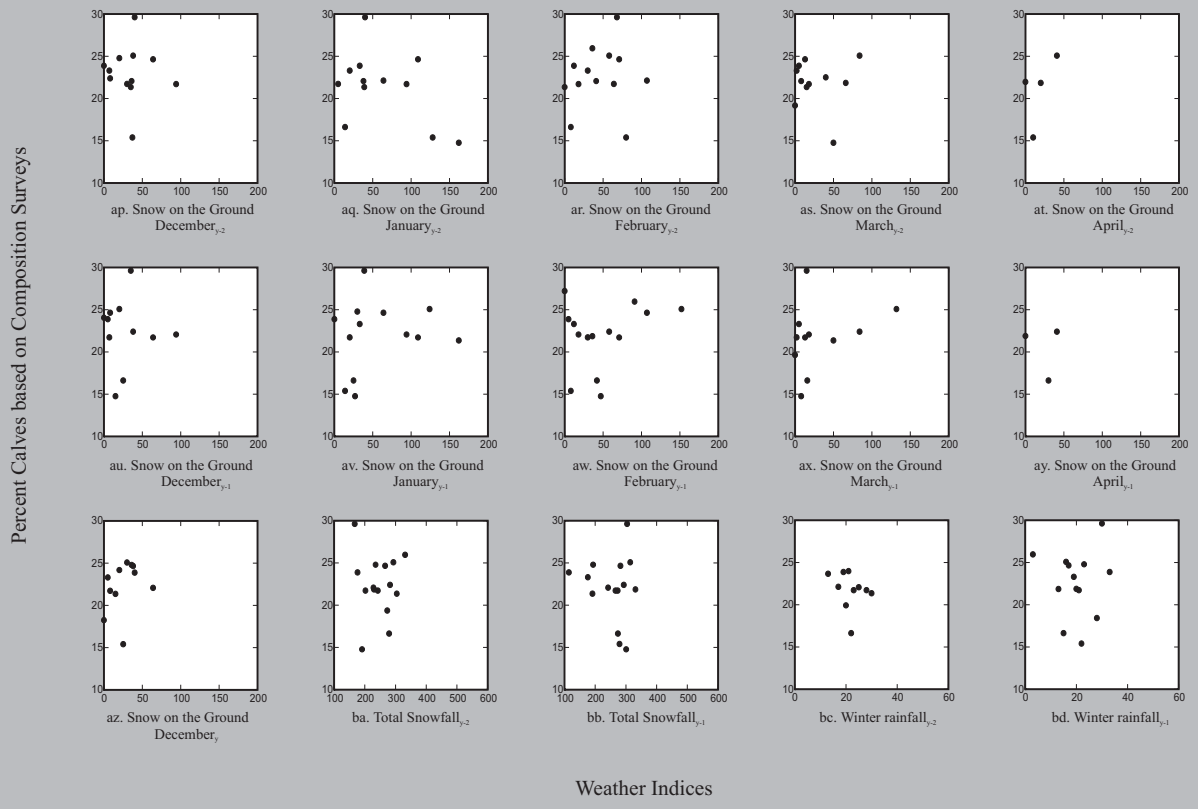


Fig. 14F-10C (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

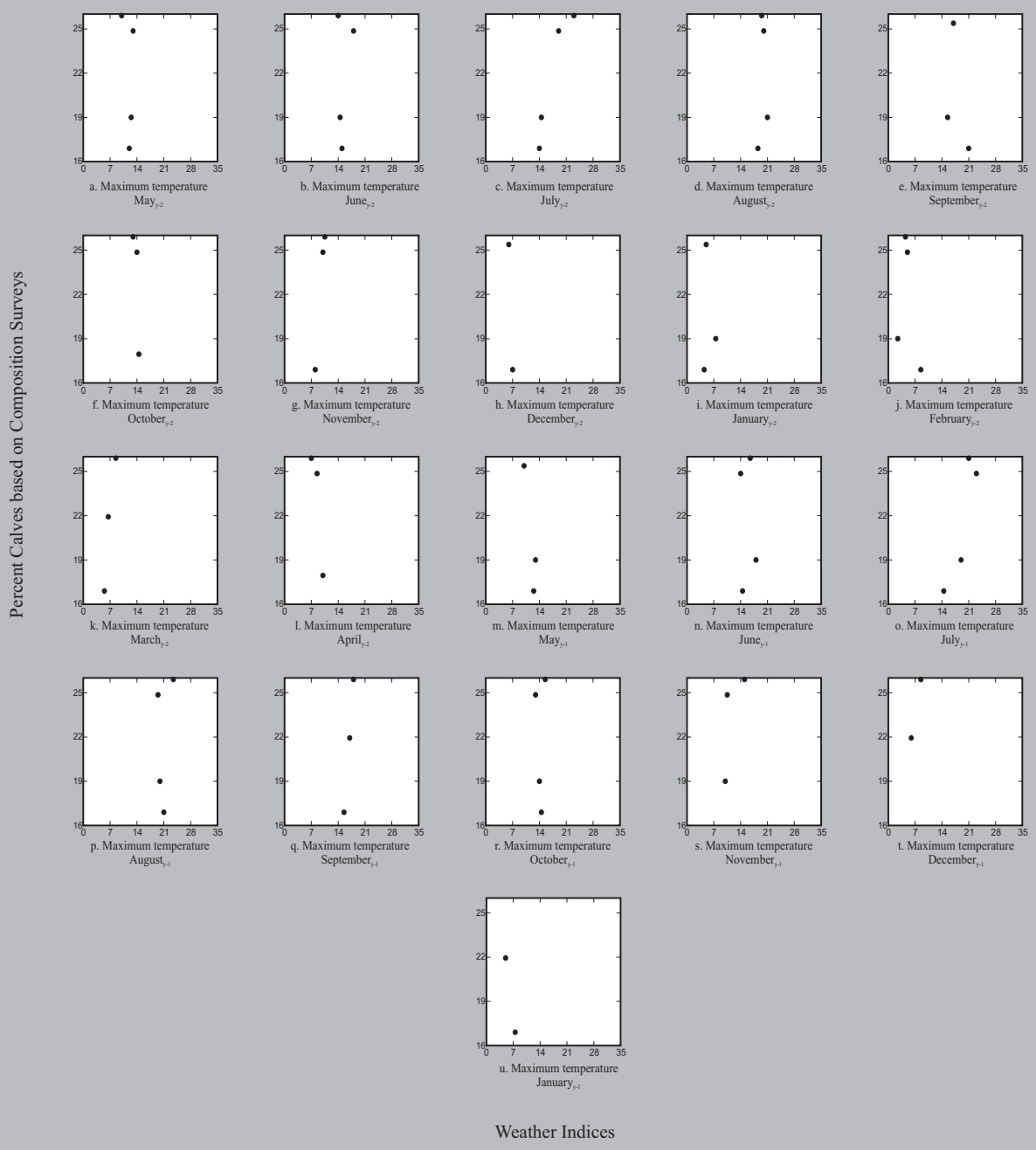


Fig. 14F-10D. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Cape Shore Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

Fig. 14F-10D (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Cape Shore Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

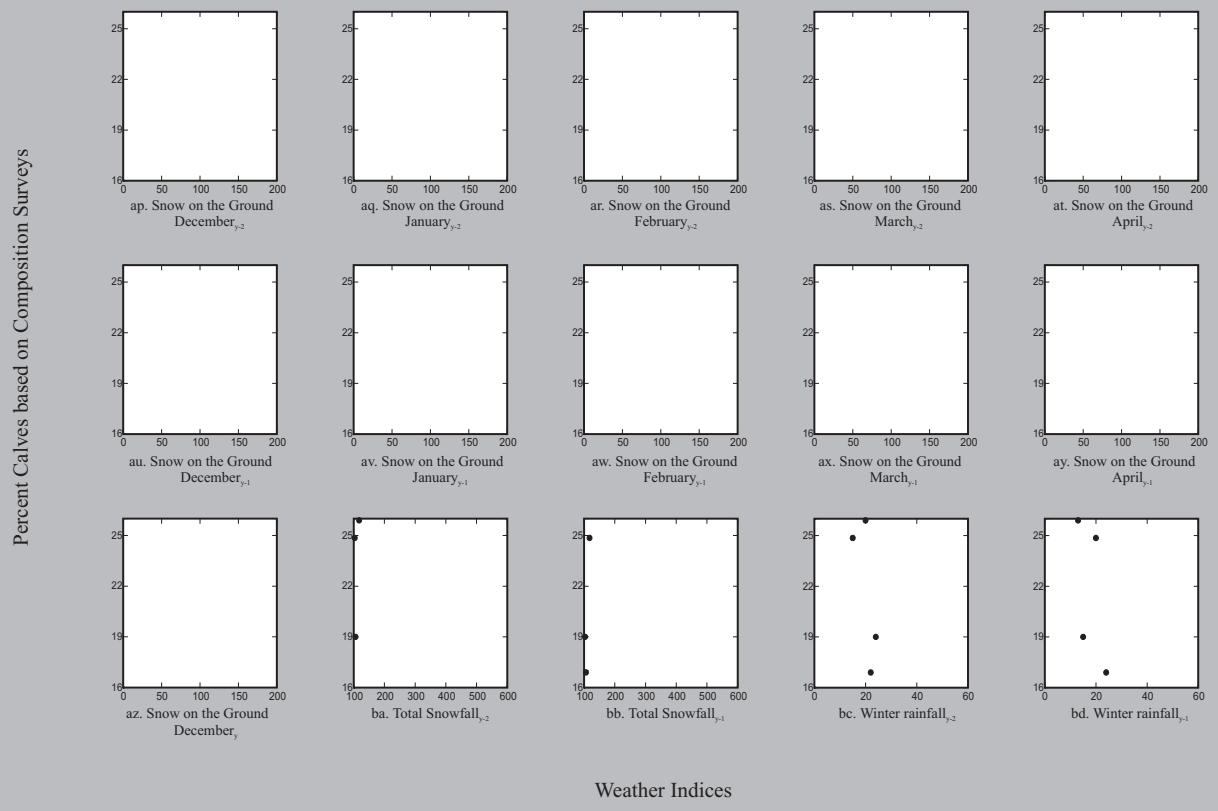


Fig. 14F-10D (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Cape Shore Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

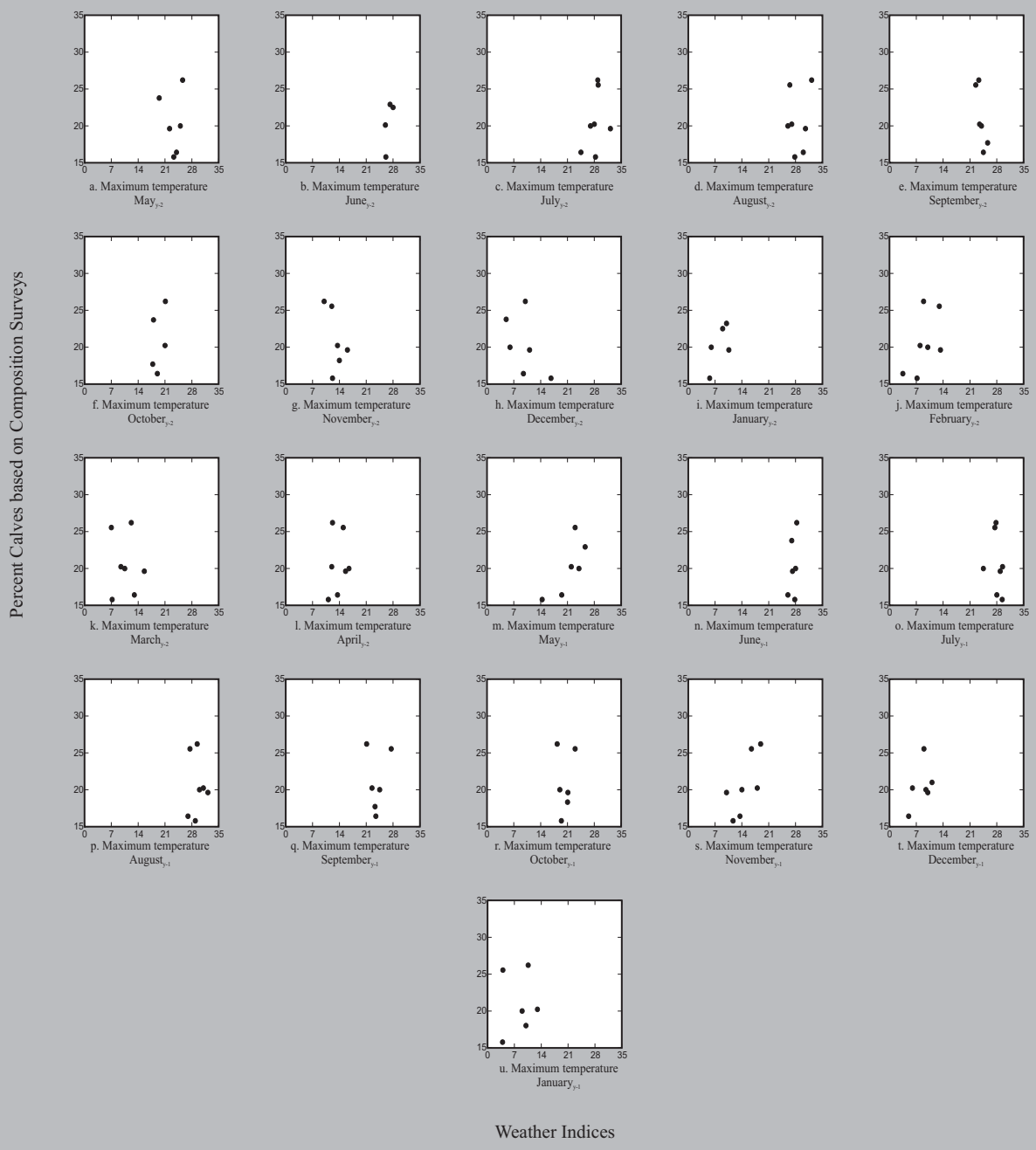


Fig. 14F-10E. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Gaff Topsails Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

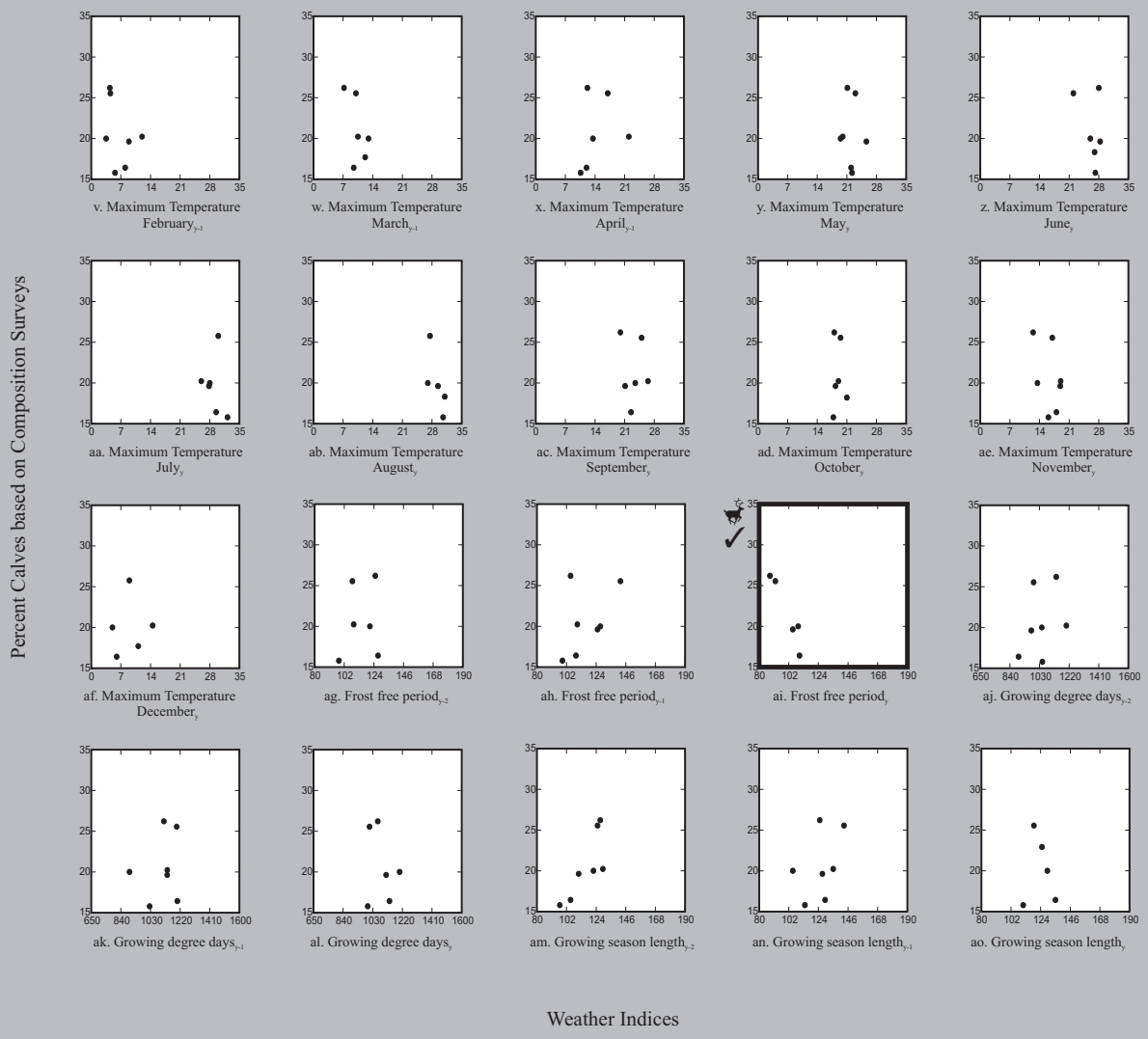


Fig. 14F-10E (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Gaff Topsails Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

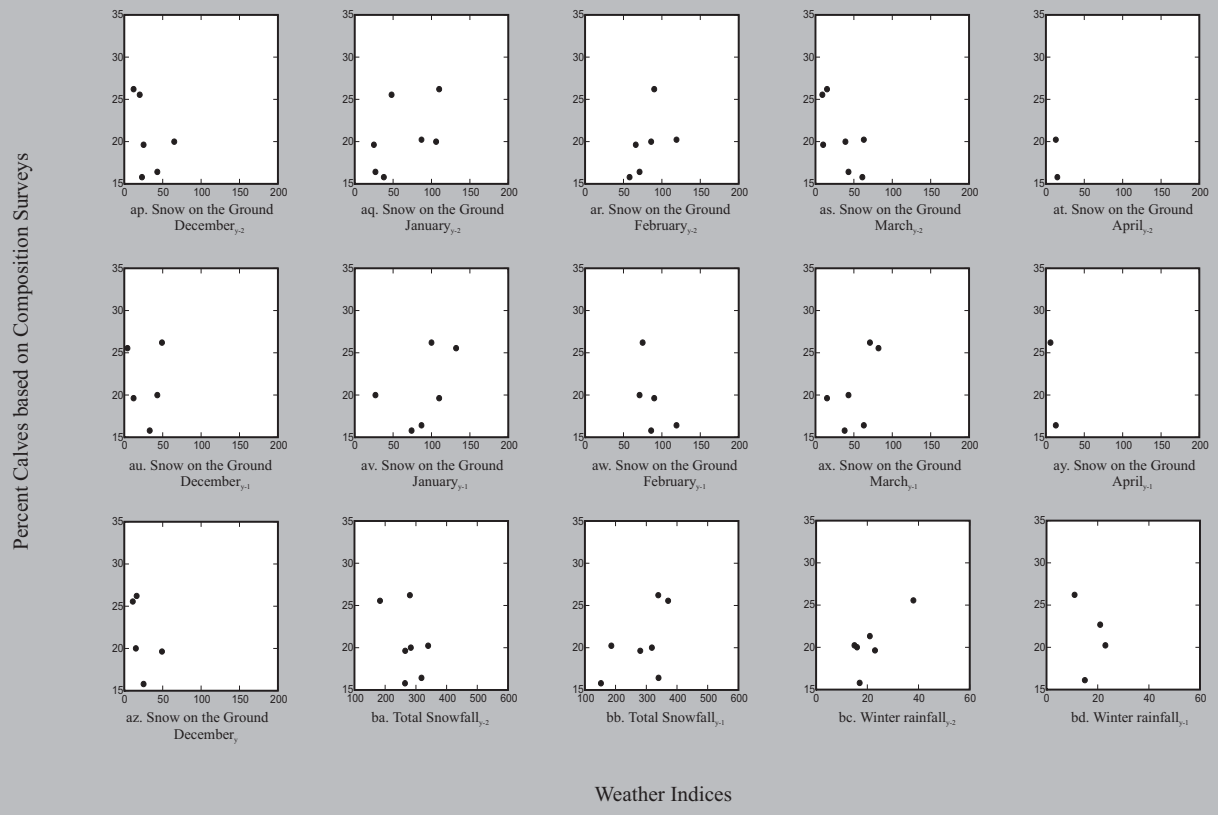


Fig. 14F-10E (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Gaff Topsails Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

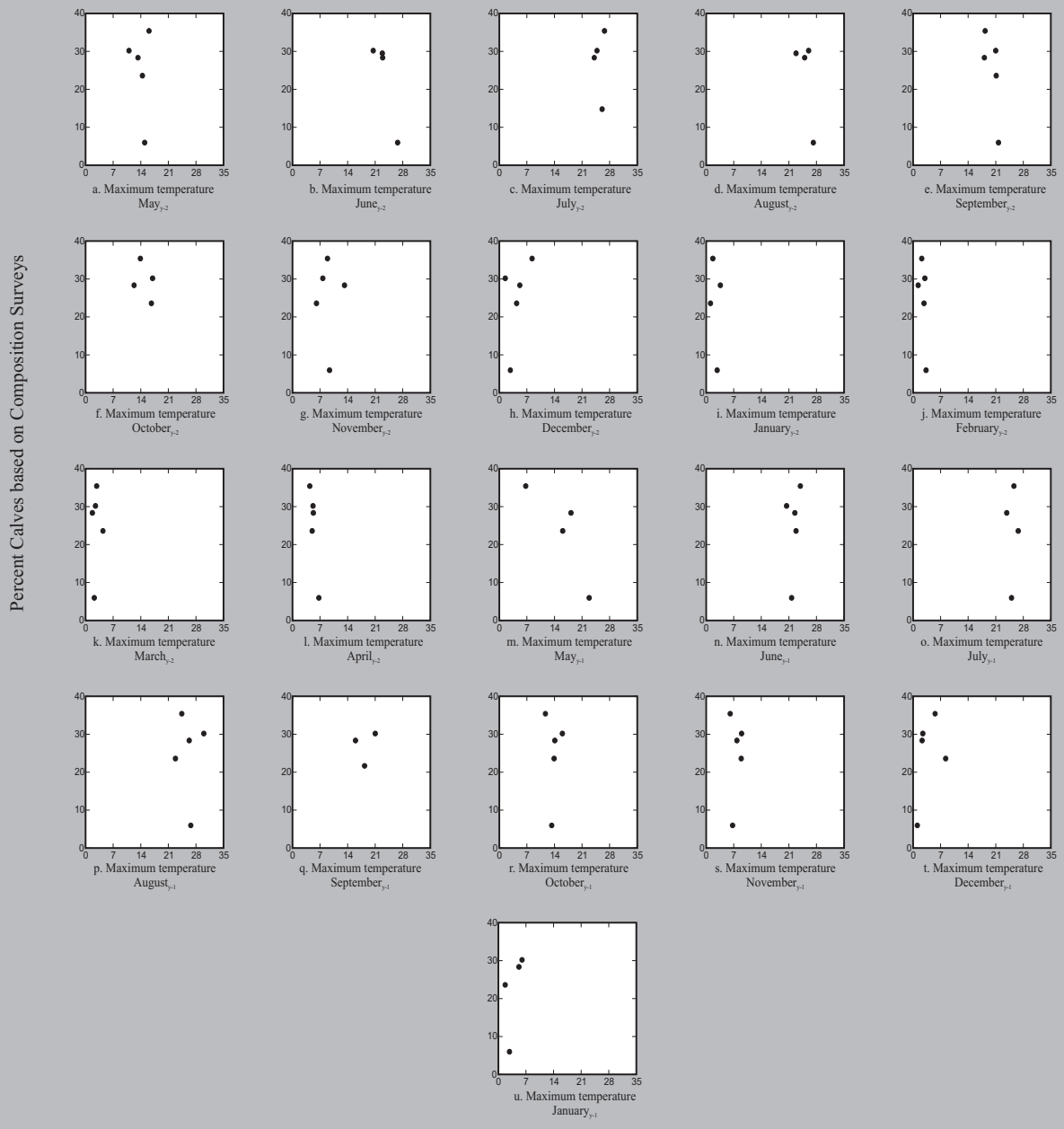


Fig. 14F-10F. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Grey Islands Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

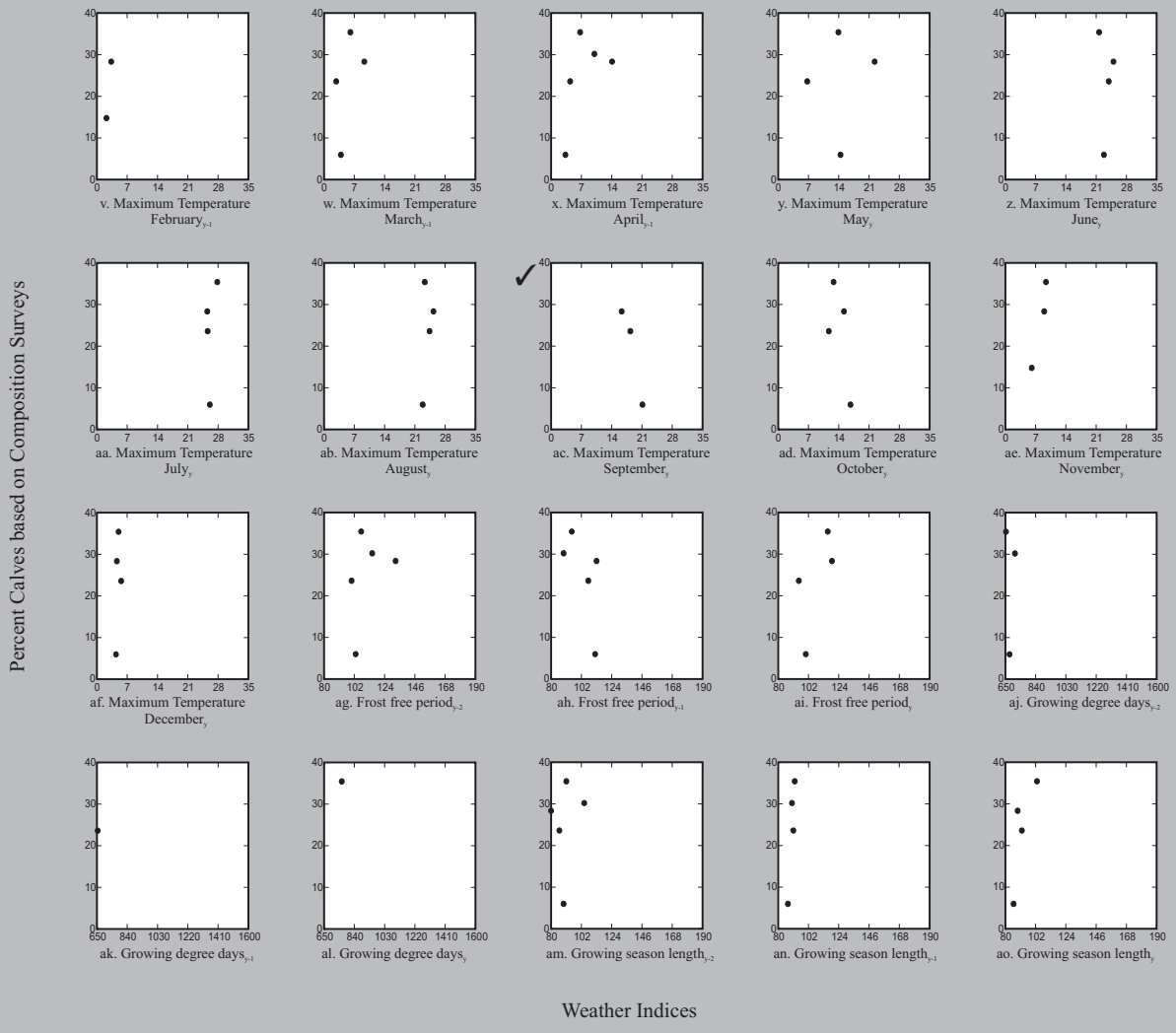


Fig. 14F-10F (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Grey Islands Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

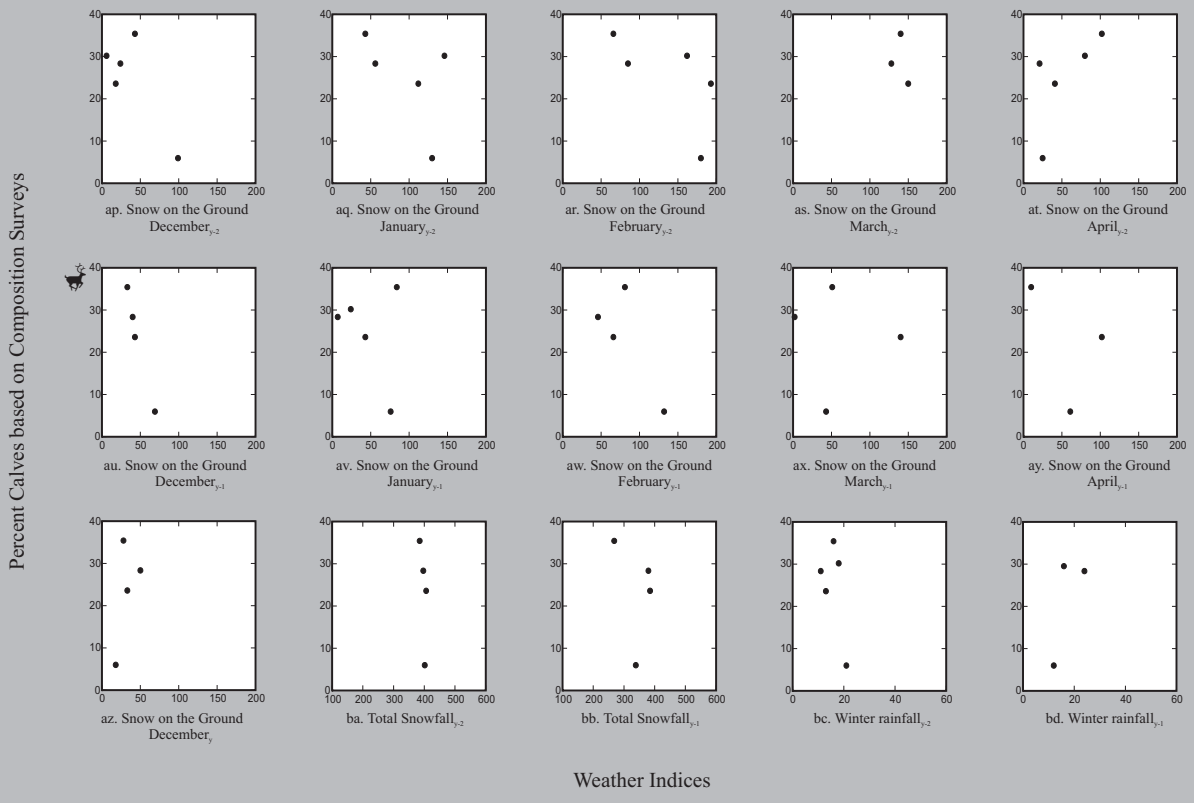


Fig. 14F-10F (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Grey Islands Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

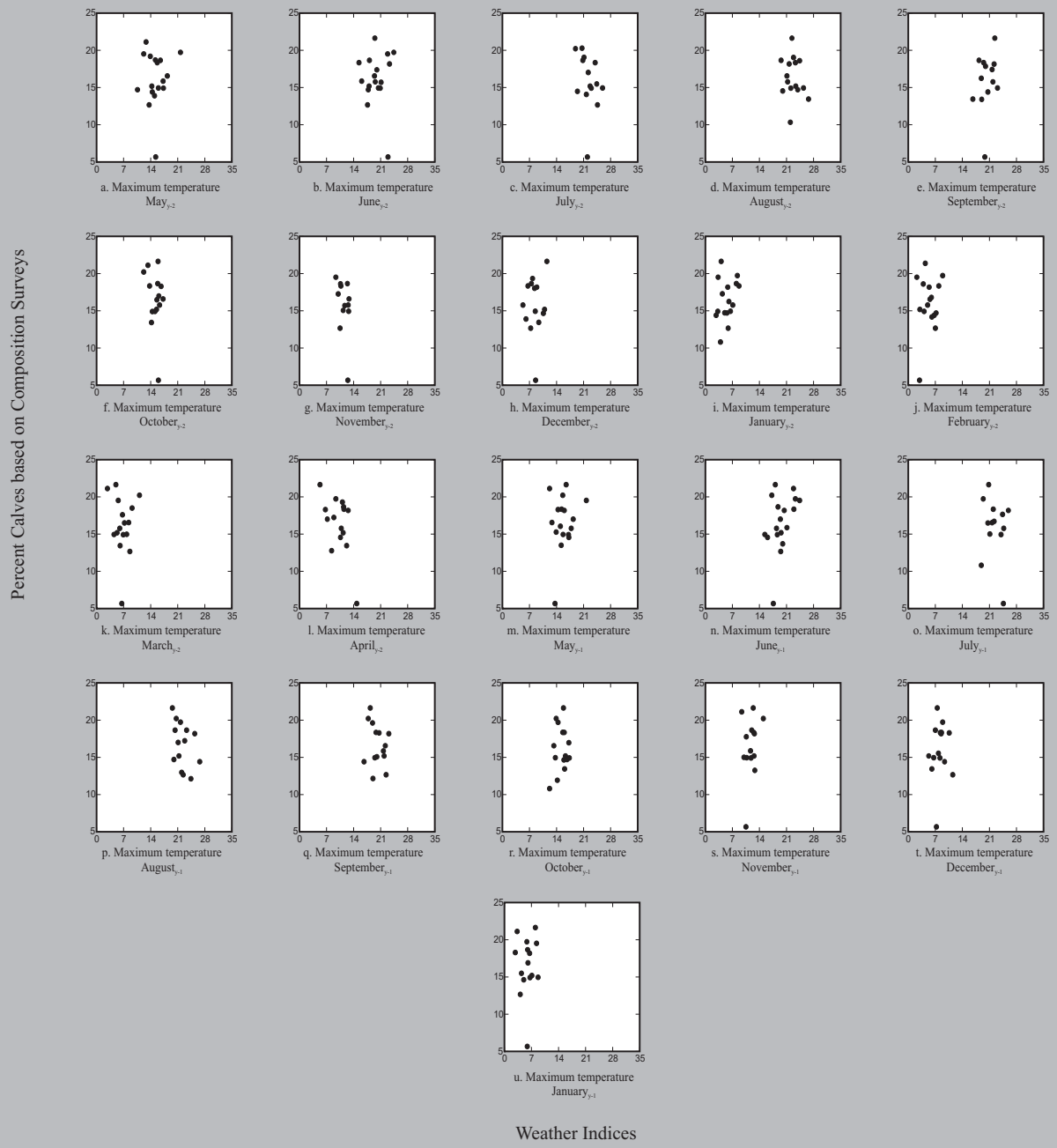


Fig. 14F-10G. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

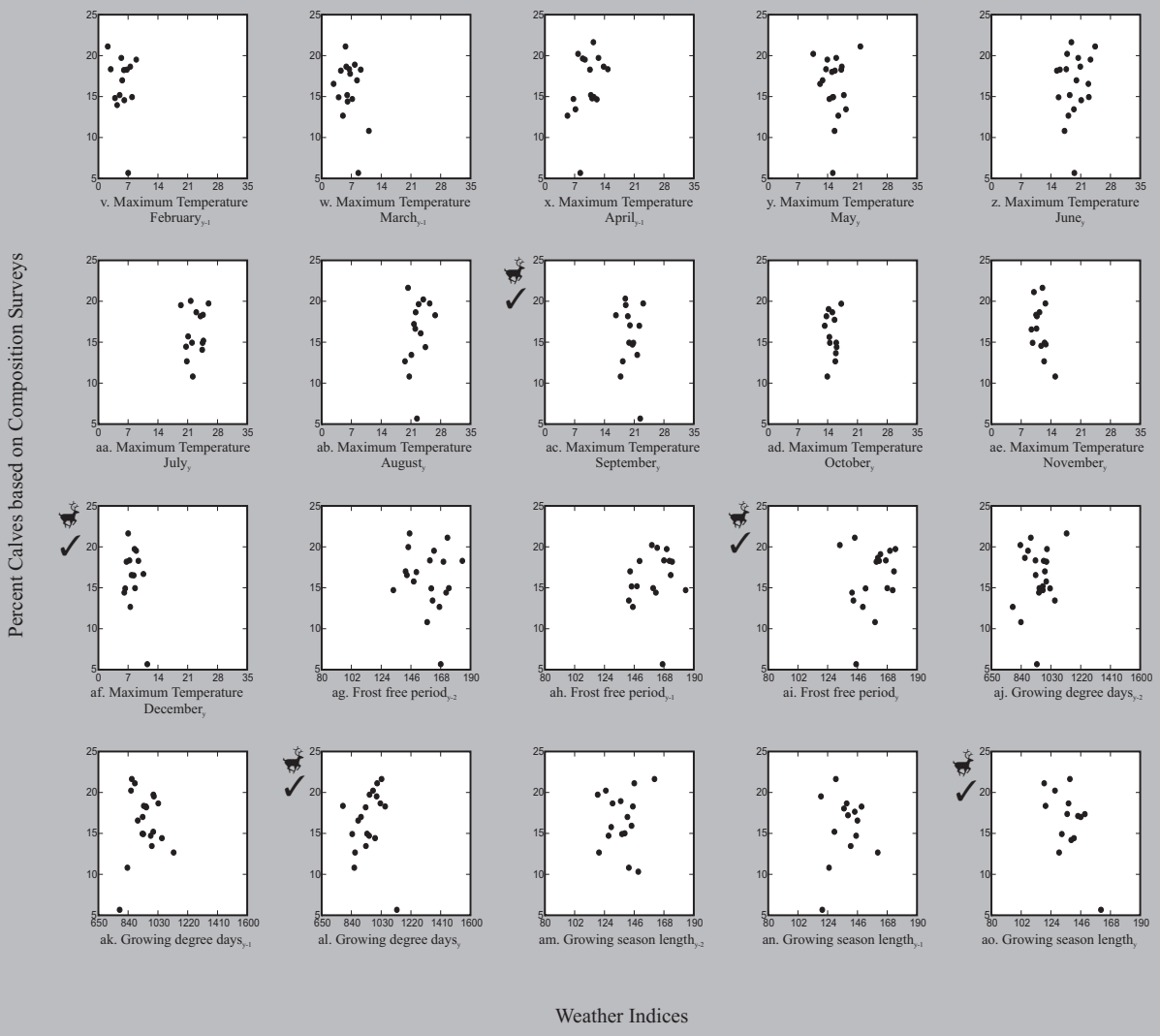


Fig. 14F-10G (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

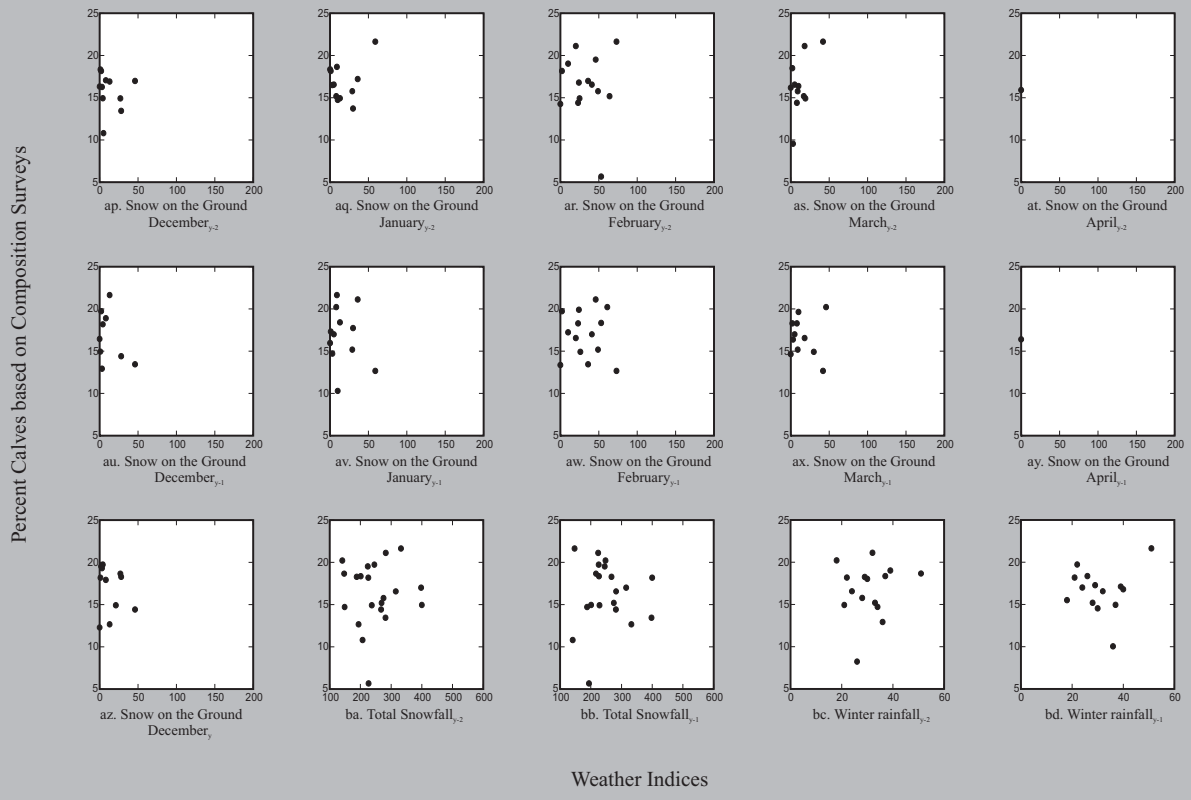


Fig. 14F-10G (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

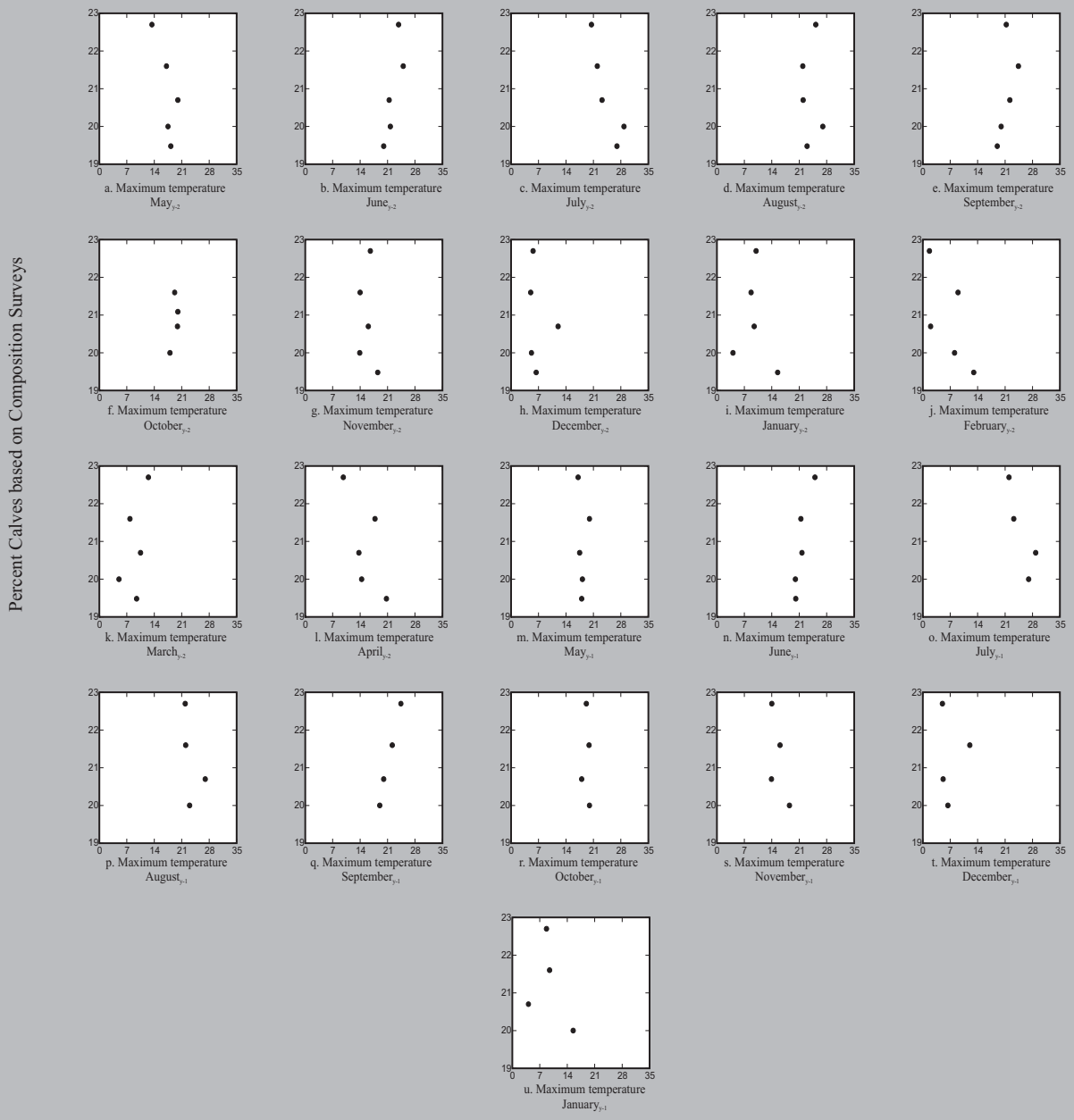


Fig. 14F-10H. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

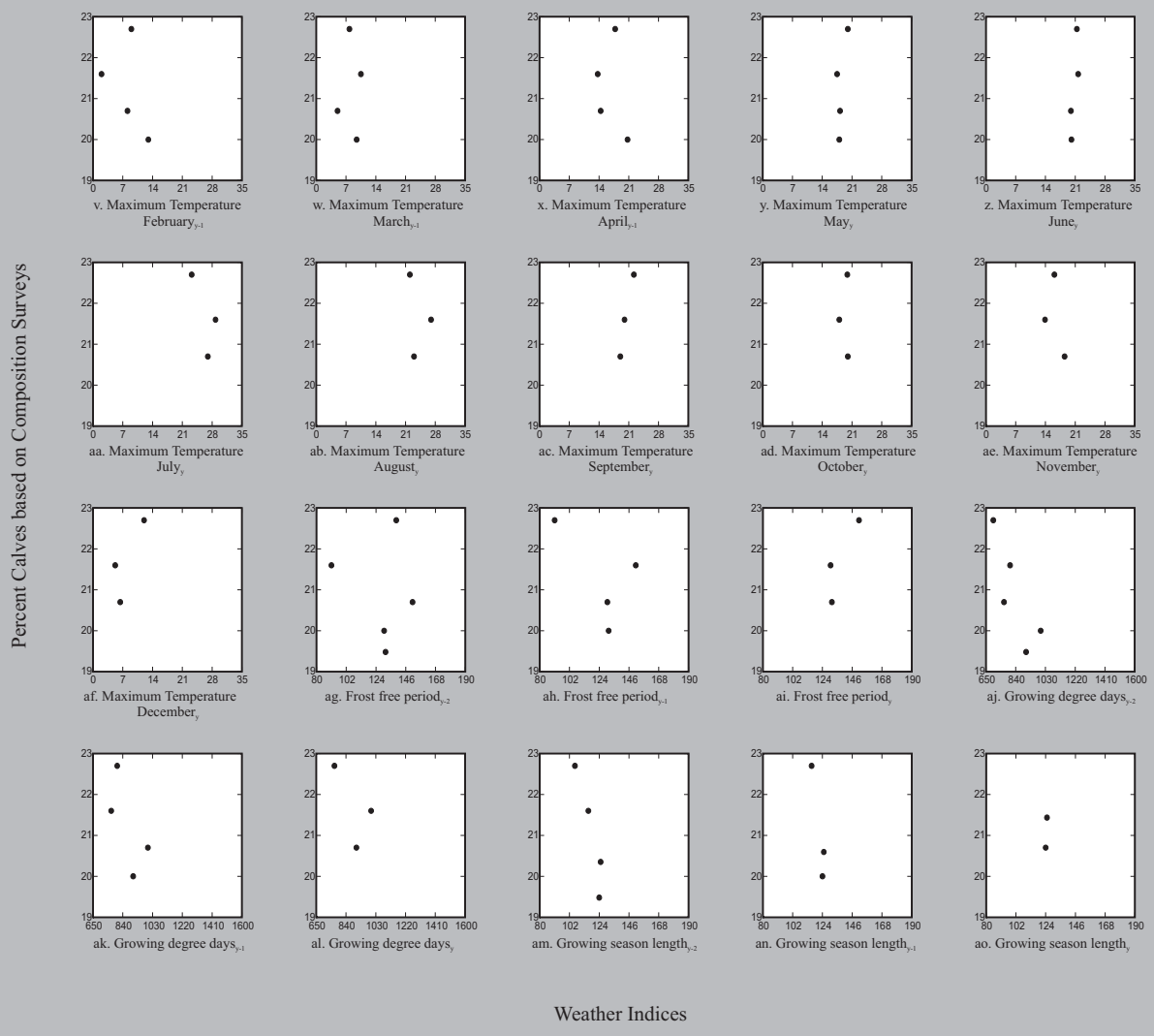


Fig. 14F-10H (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

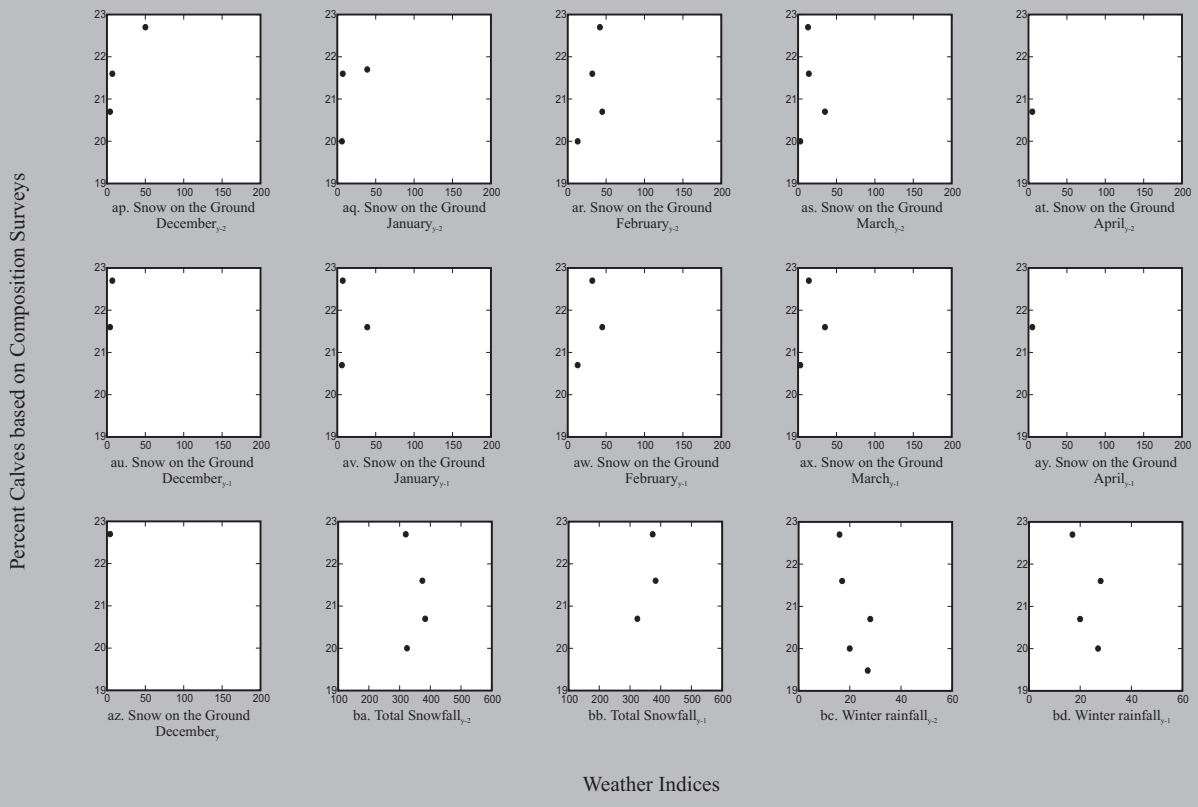


Fig. 14F-10H (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

Fig. 14F-10I. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Hampden Downs Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

Fig. 14F-10I (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Hampden Downs Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

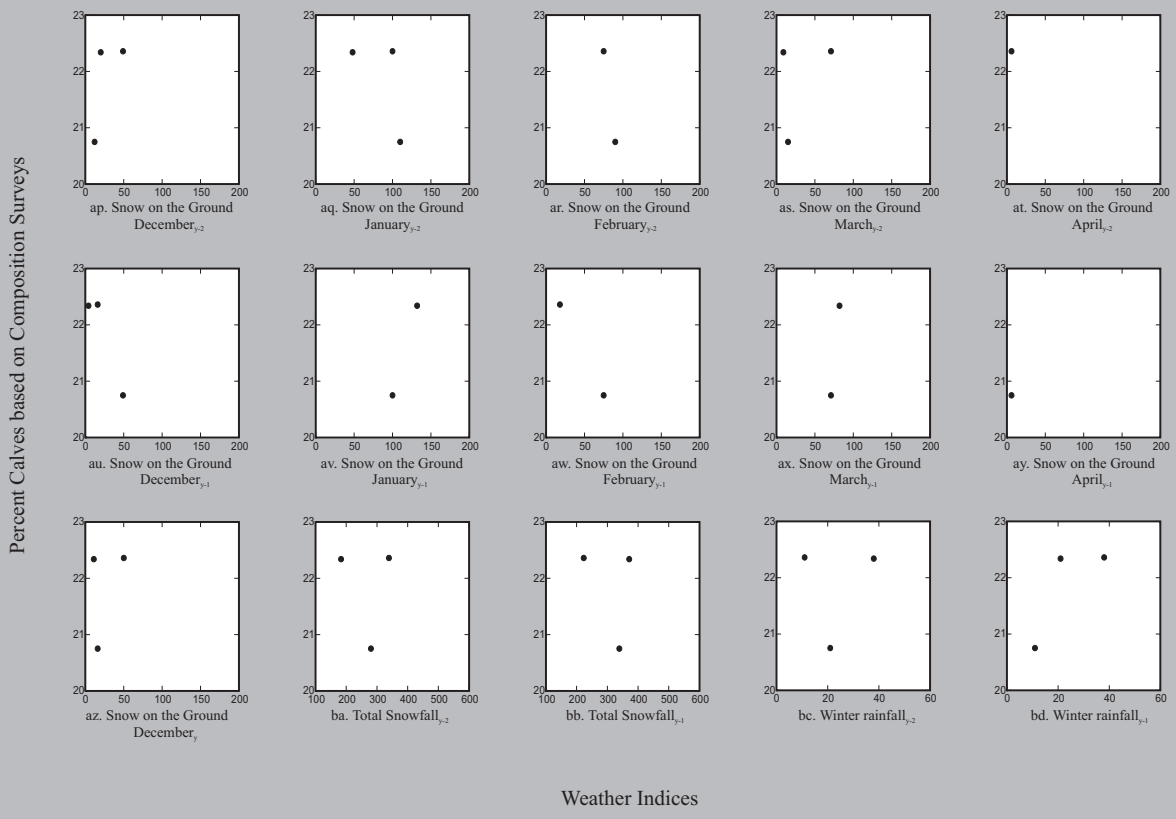


Fig. 14F-10I (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Hampden Downs Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

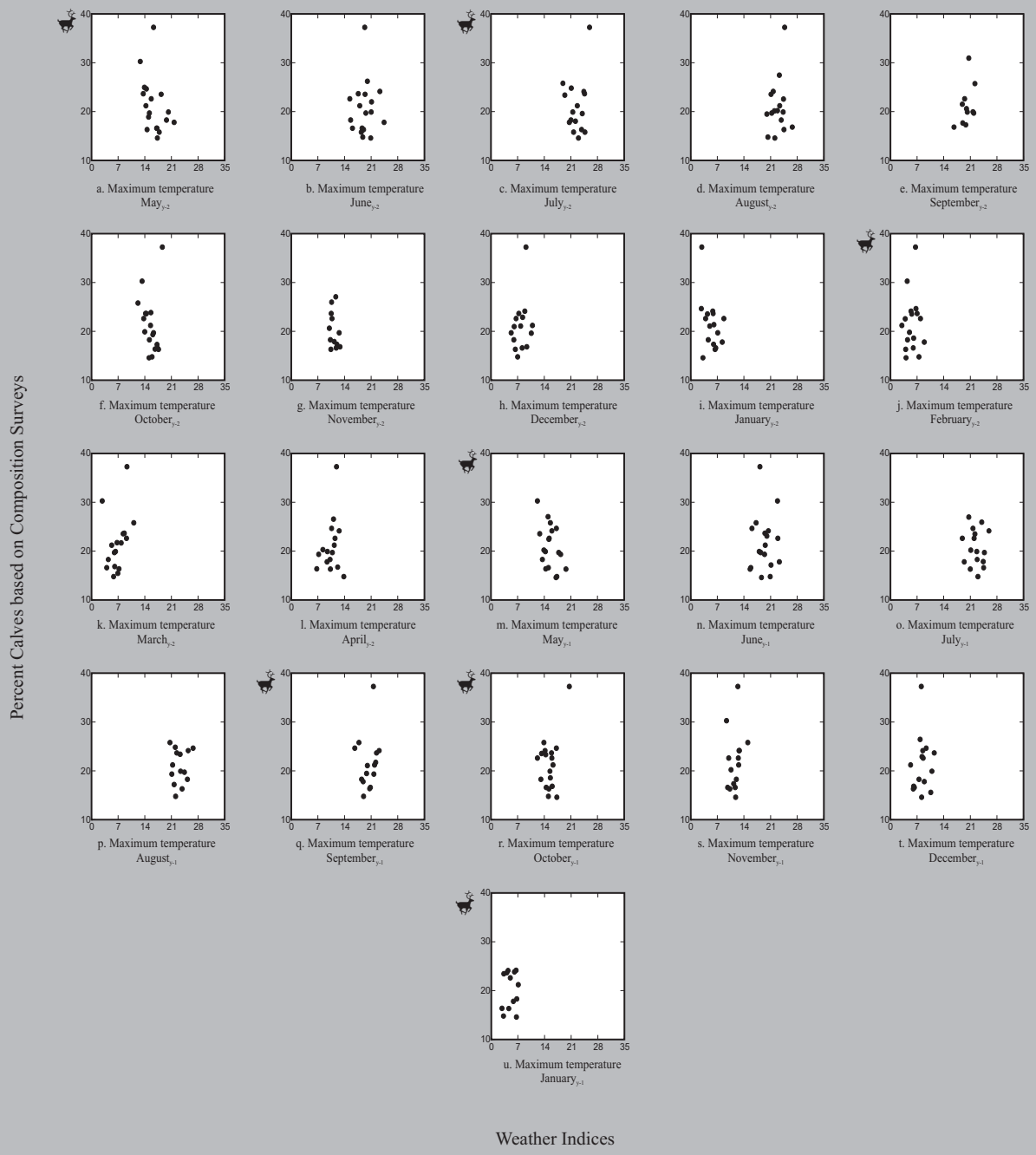


Fig. 14F-10J. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

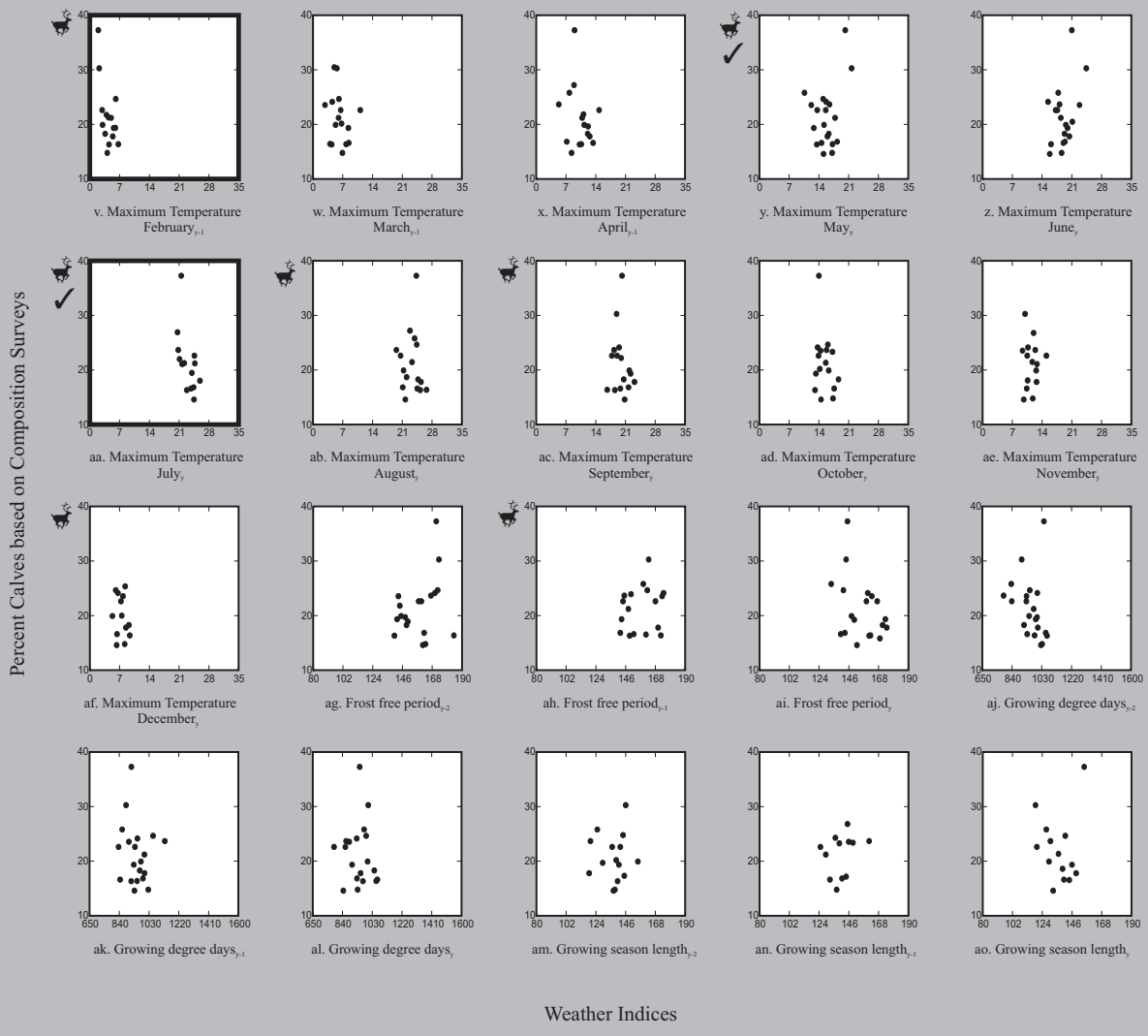


Fig. 14F-10J (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

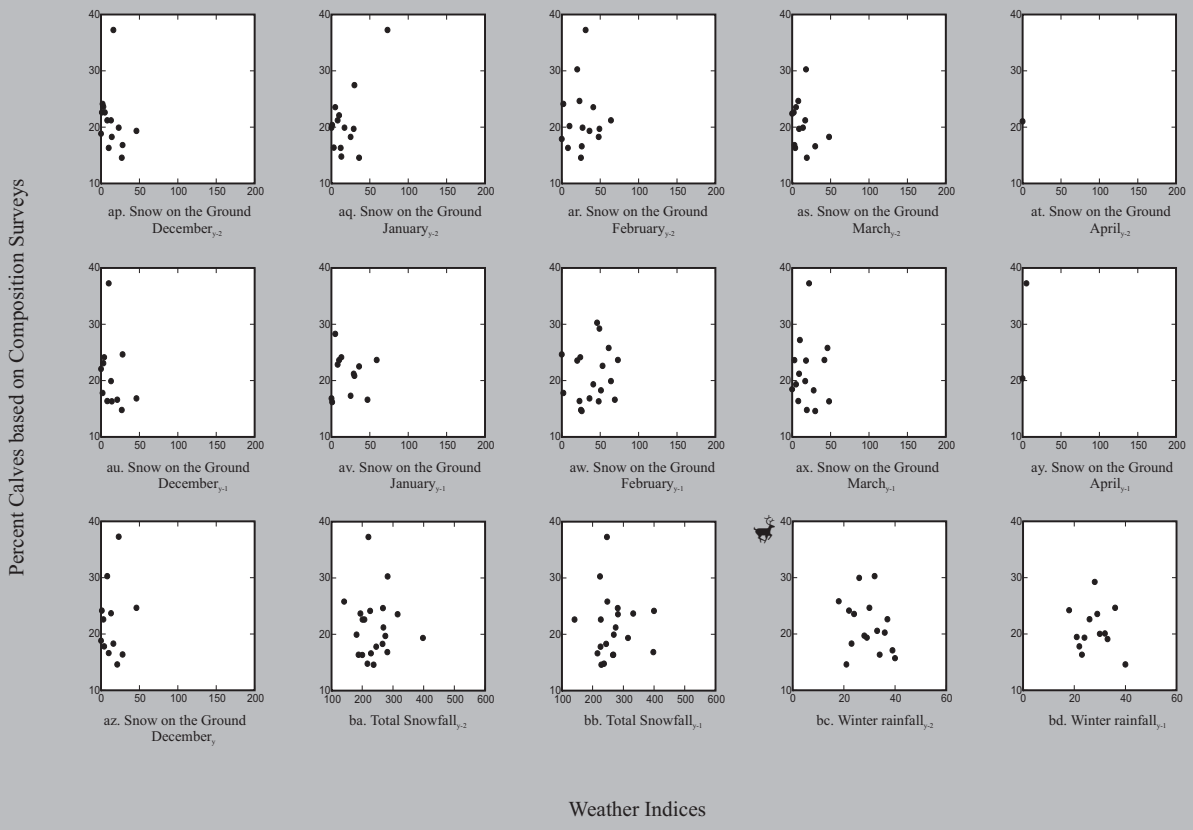


Fig. 14F-10J (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

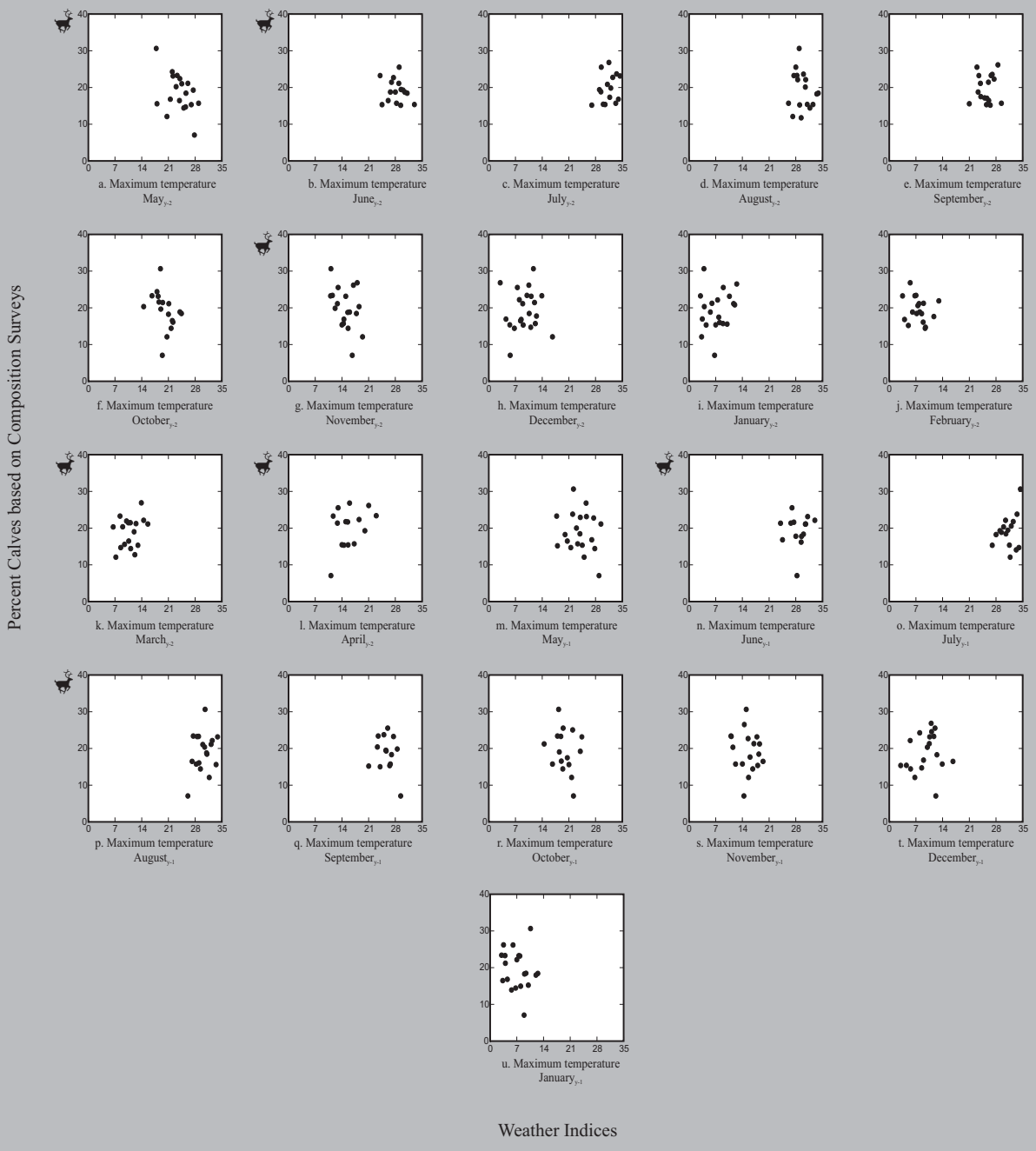


Fig. 14F-10K. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

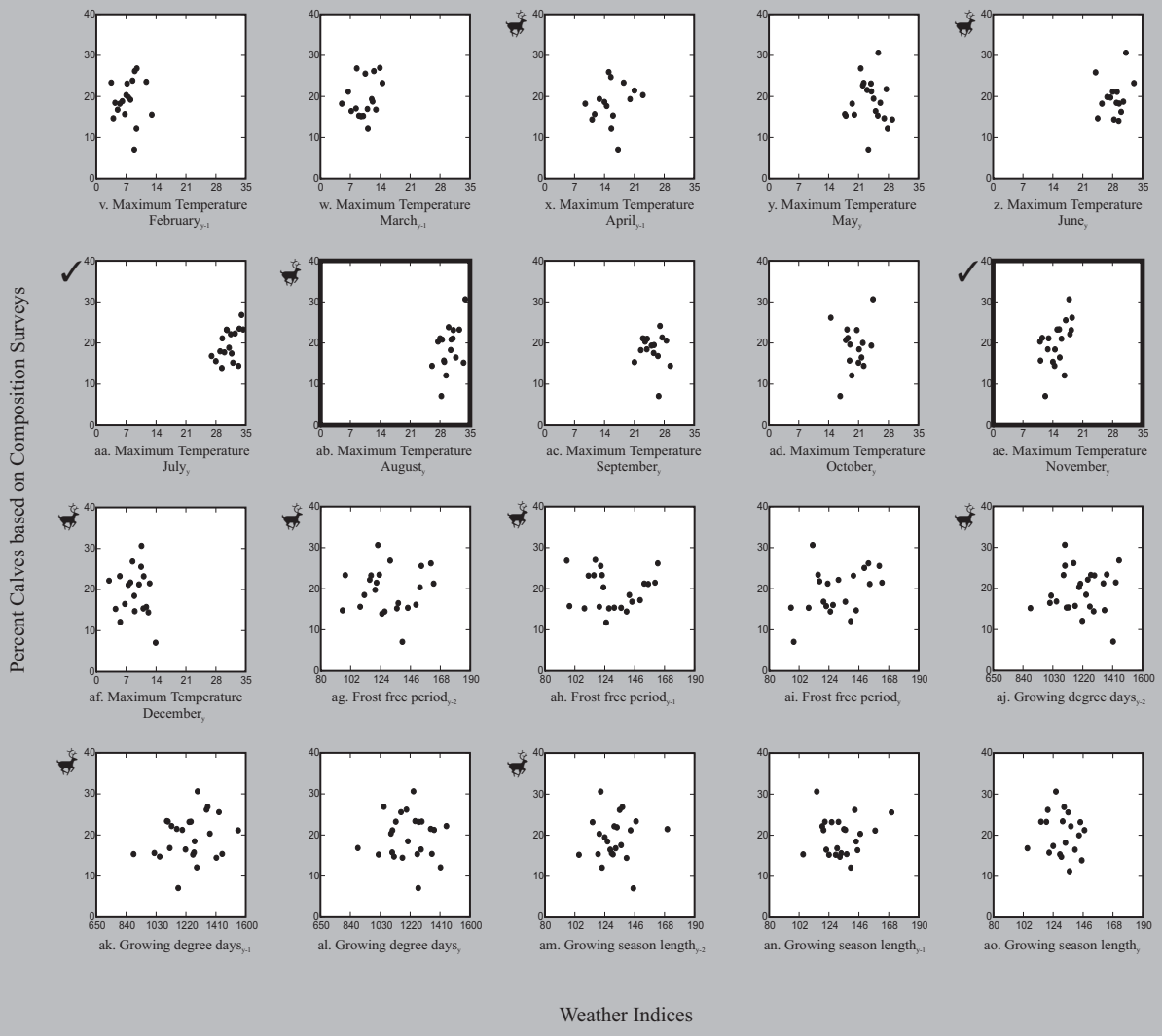


Fig. 14F-10K (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

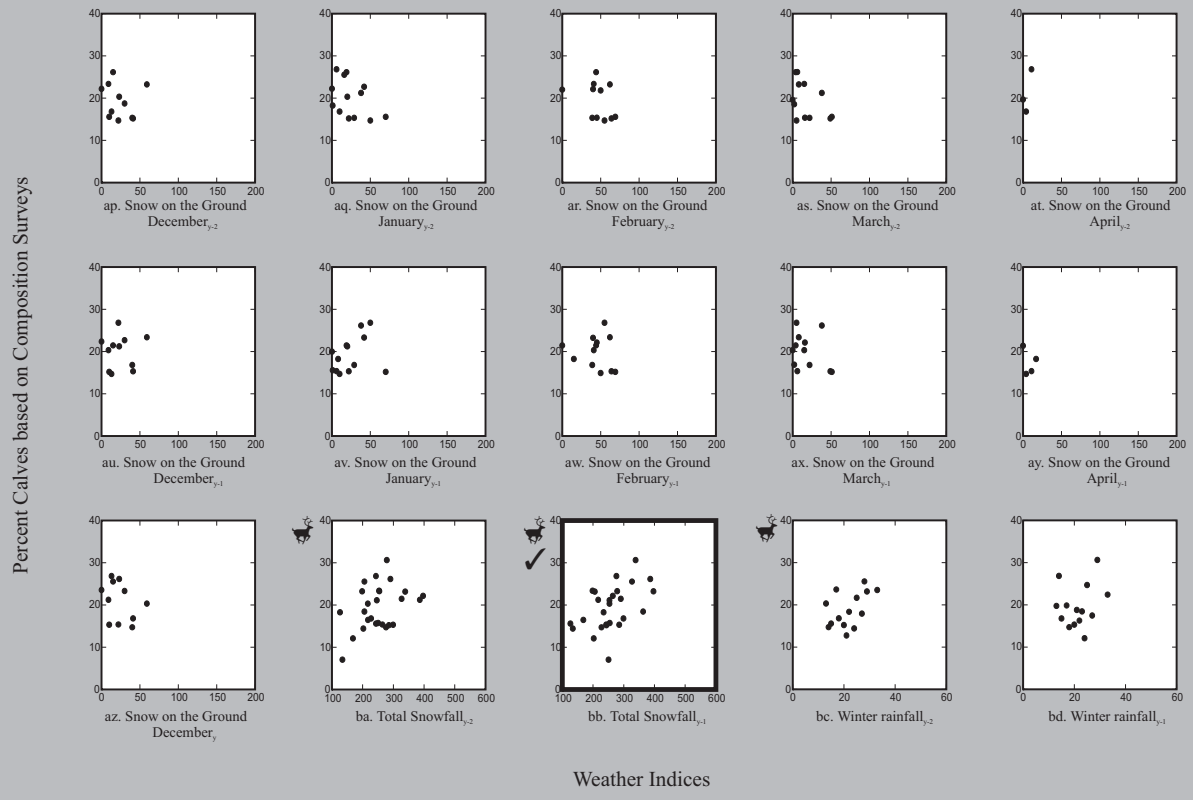


Fig. 14F-10K (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

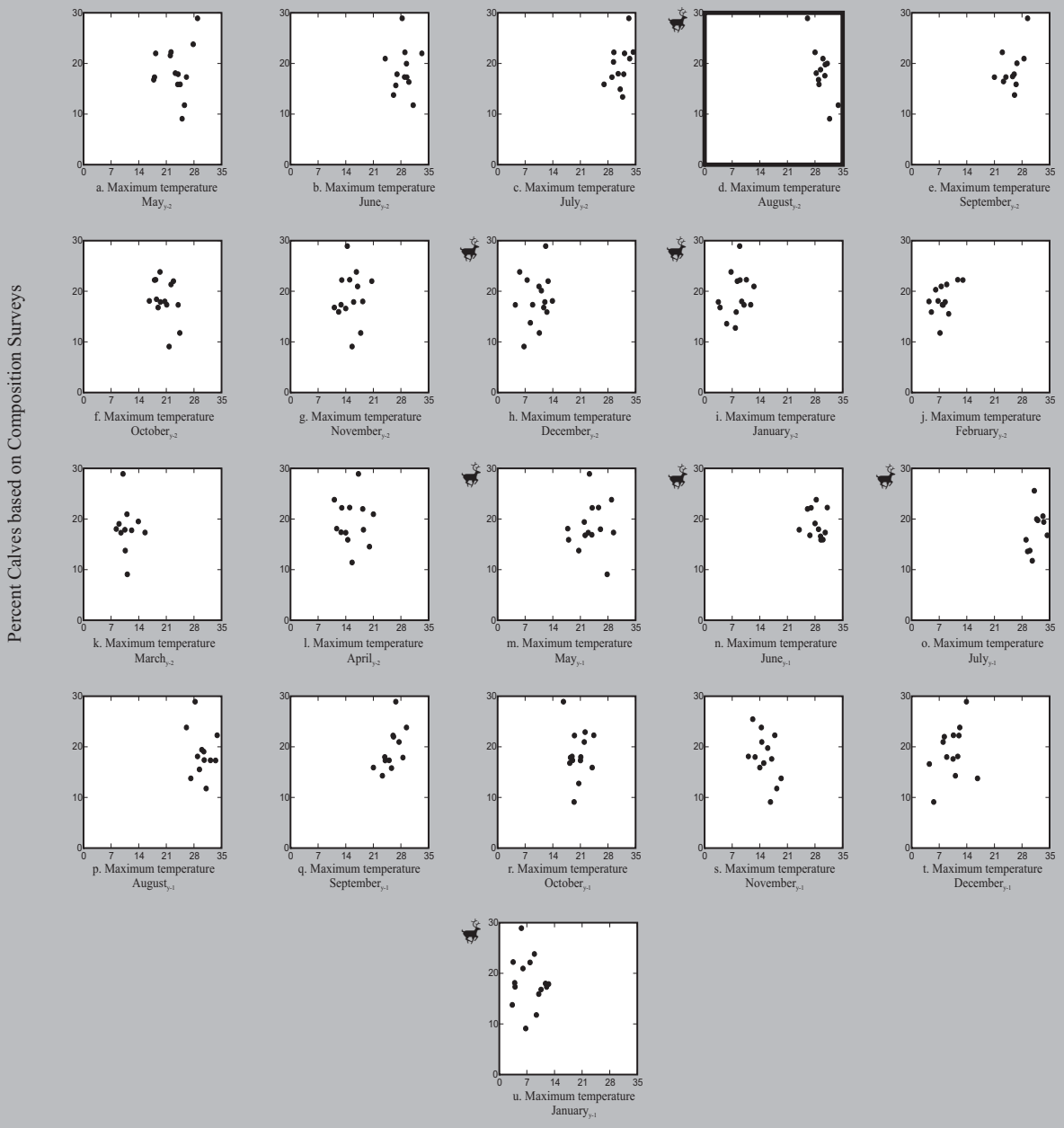


Fig. 14F-10L. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

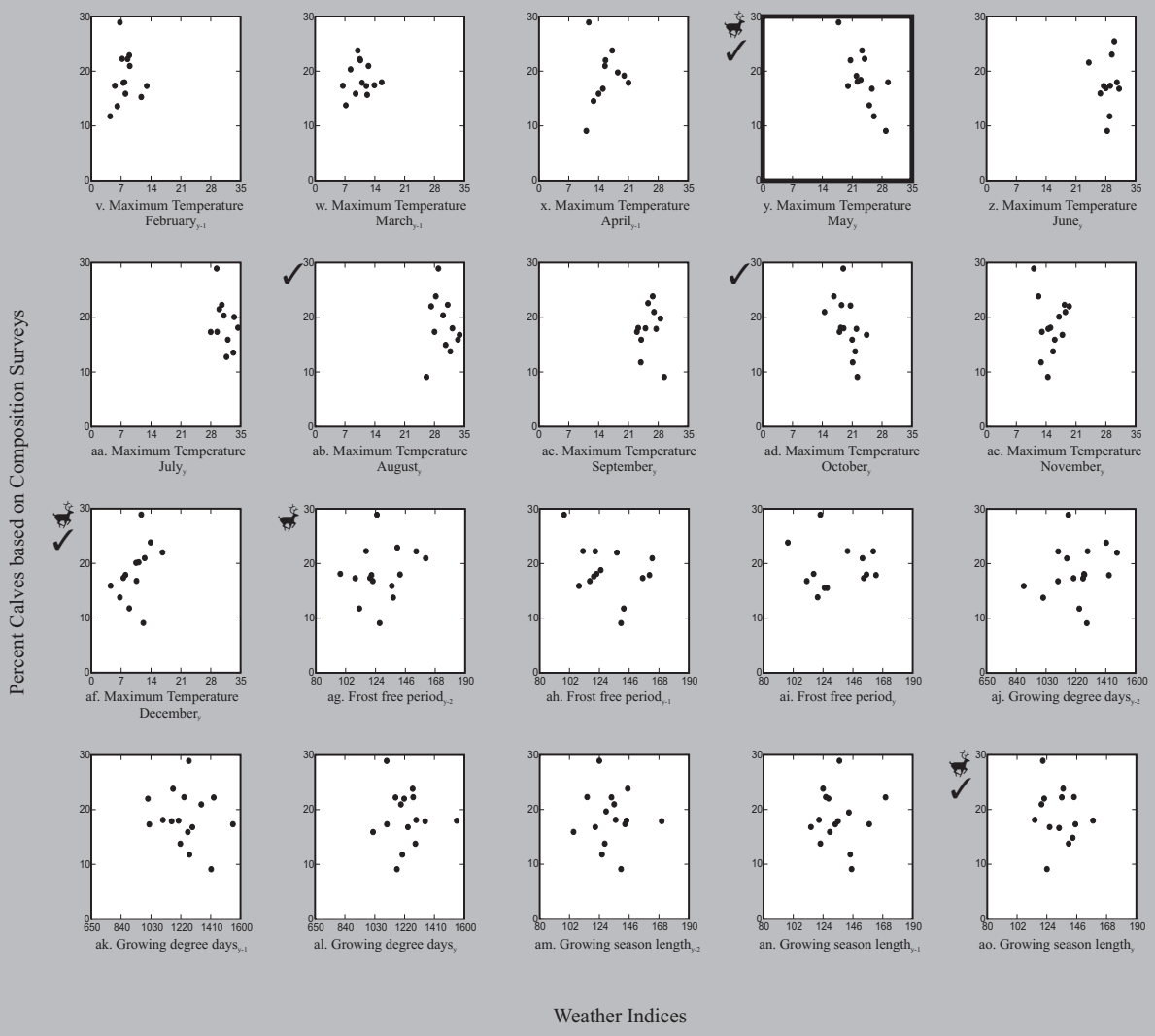


Fig. 14F-10L (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

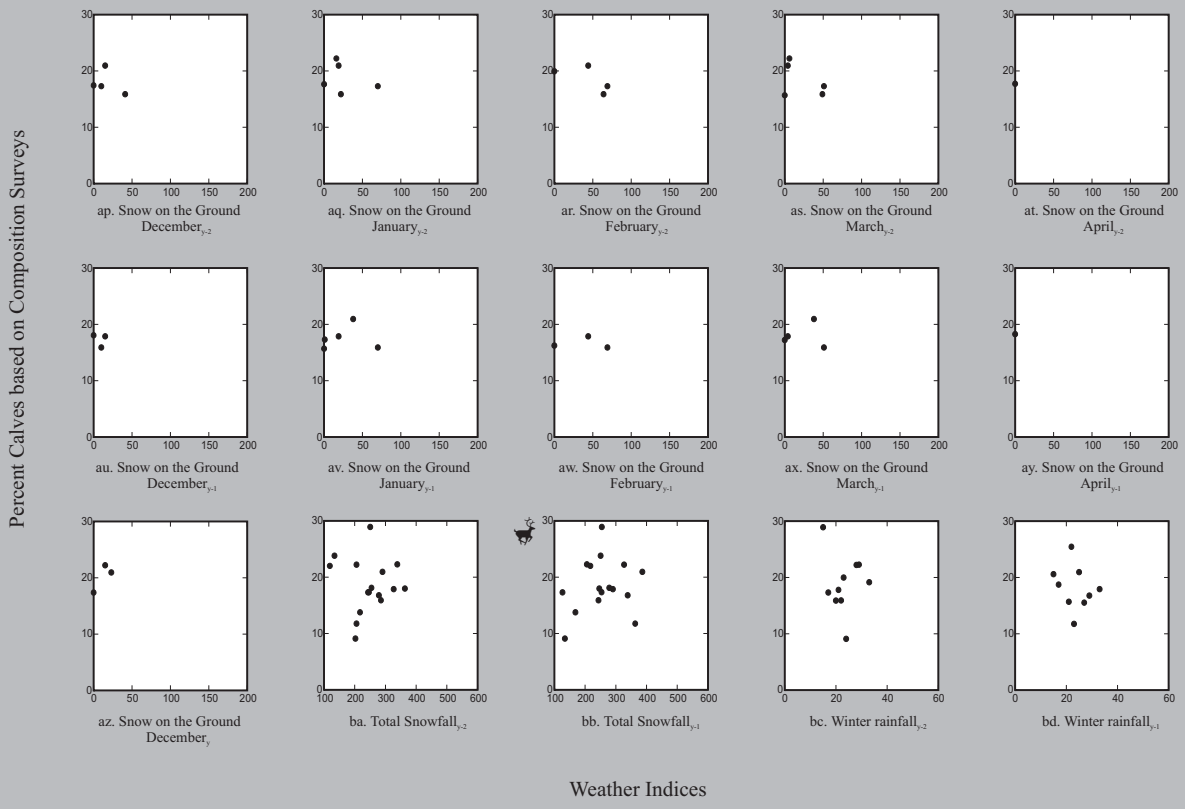


Fig. 14F-10L (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Mount Peyton Caribou Herd; where indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

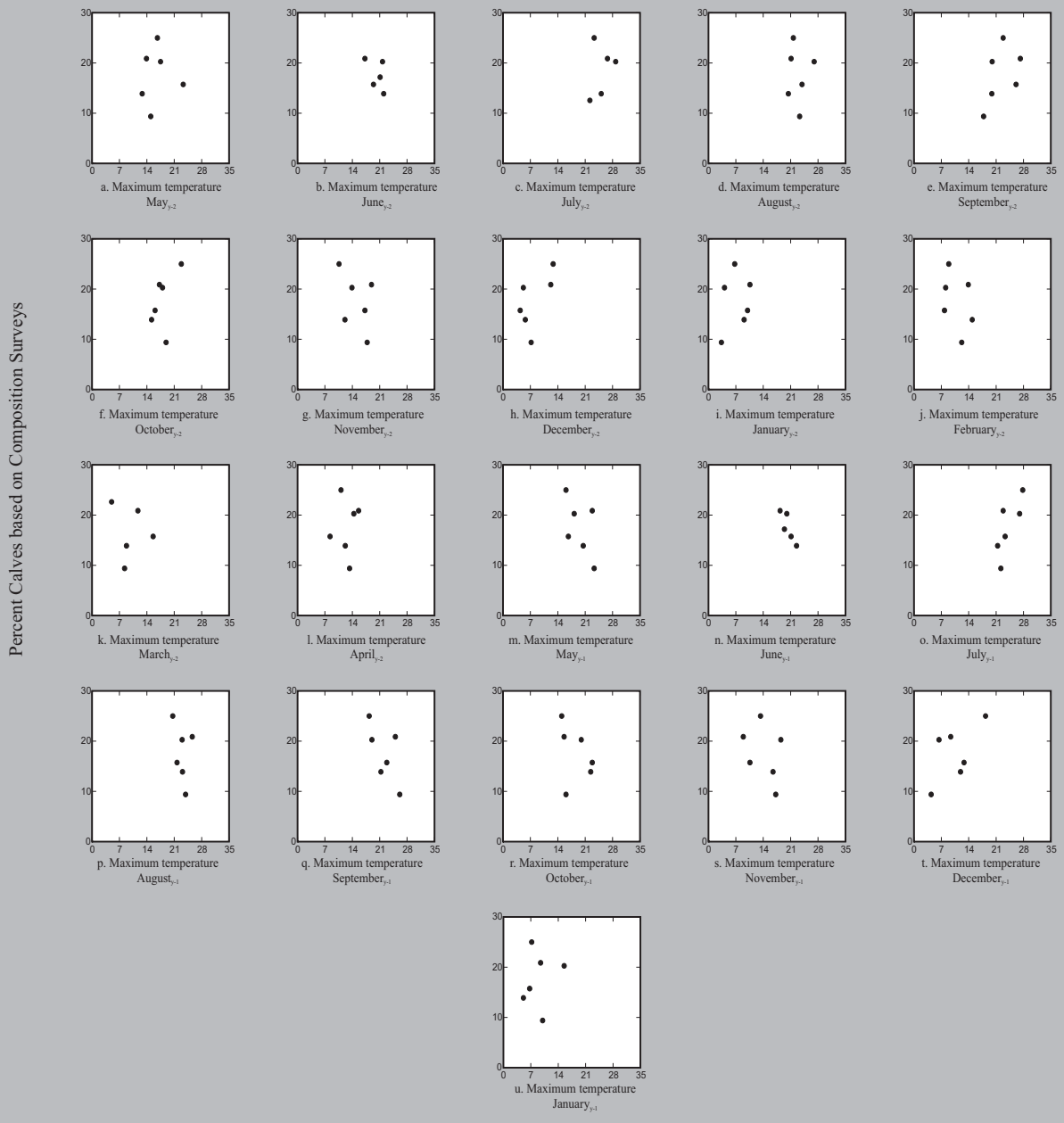


Fig. 14F-10M. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

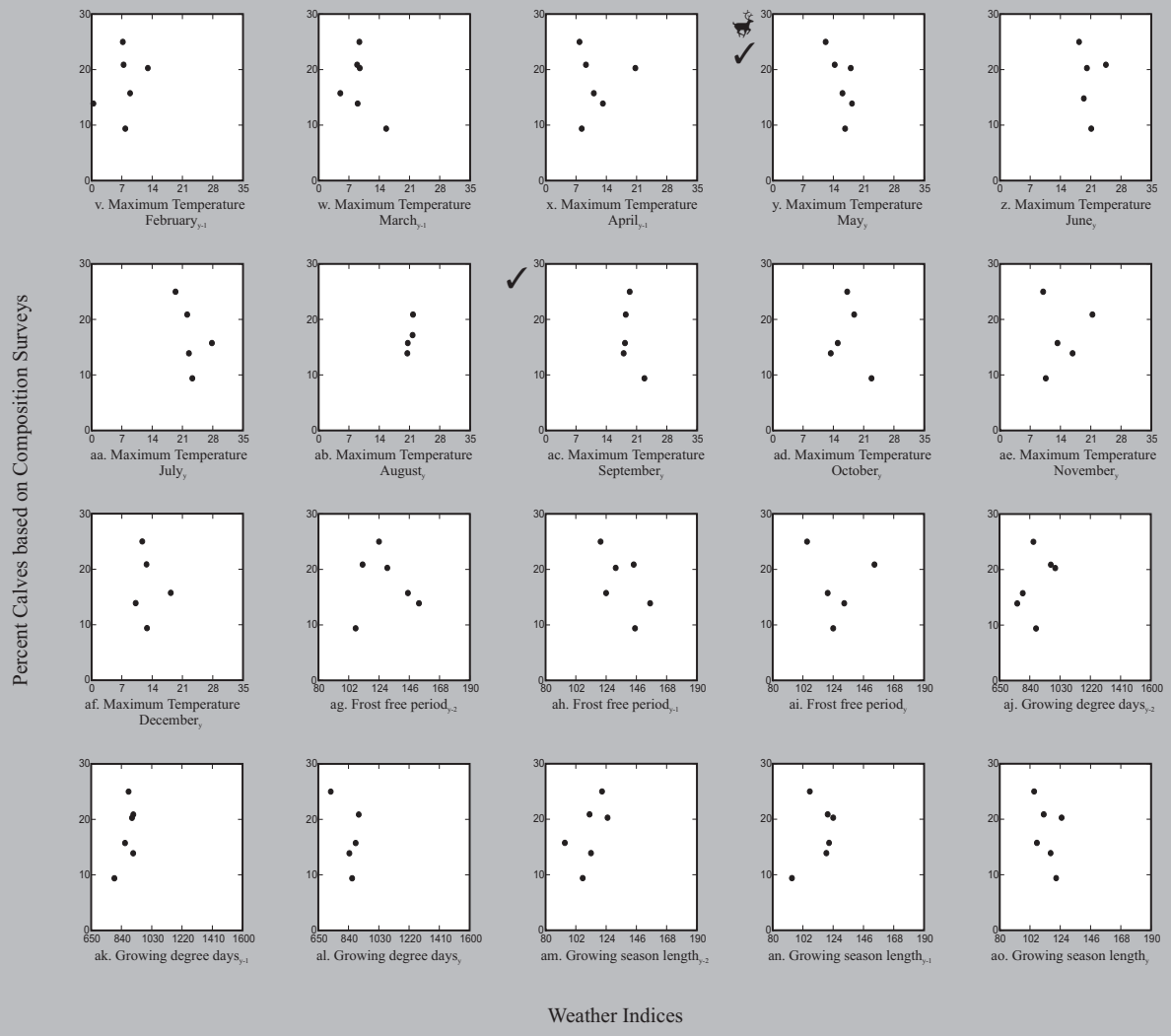


Fig. 14F-10M (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

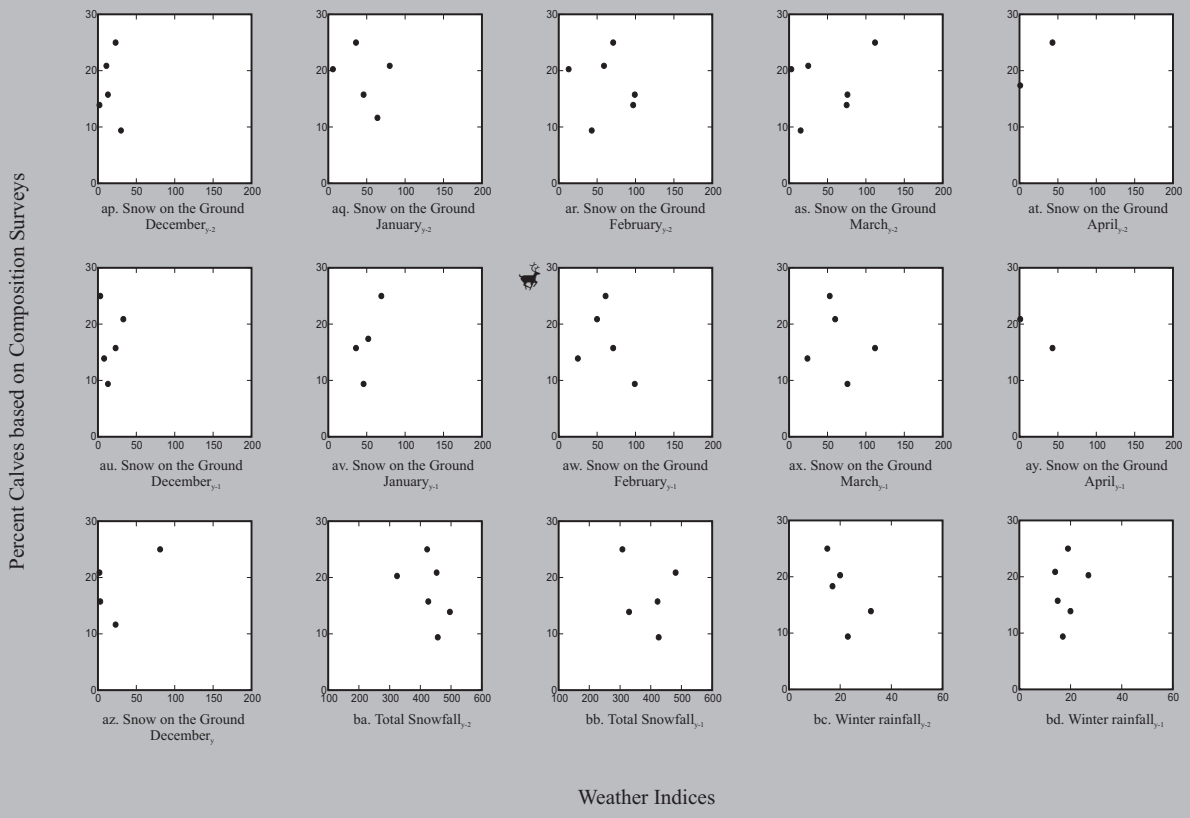


Fig. 14F-10M (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

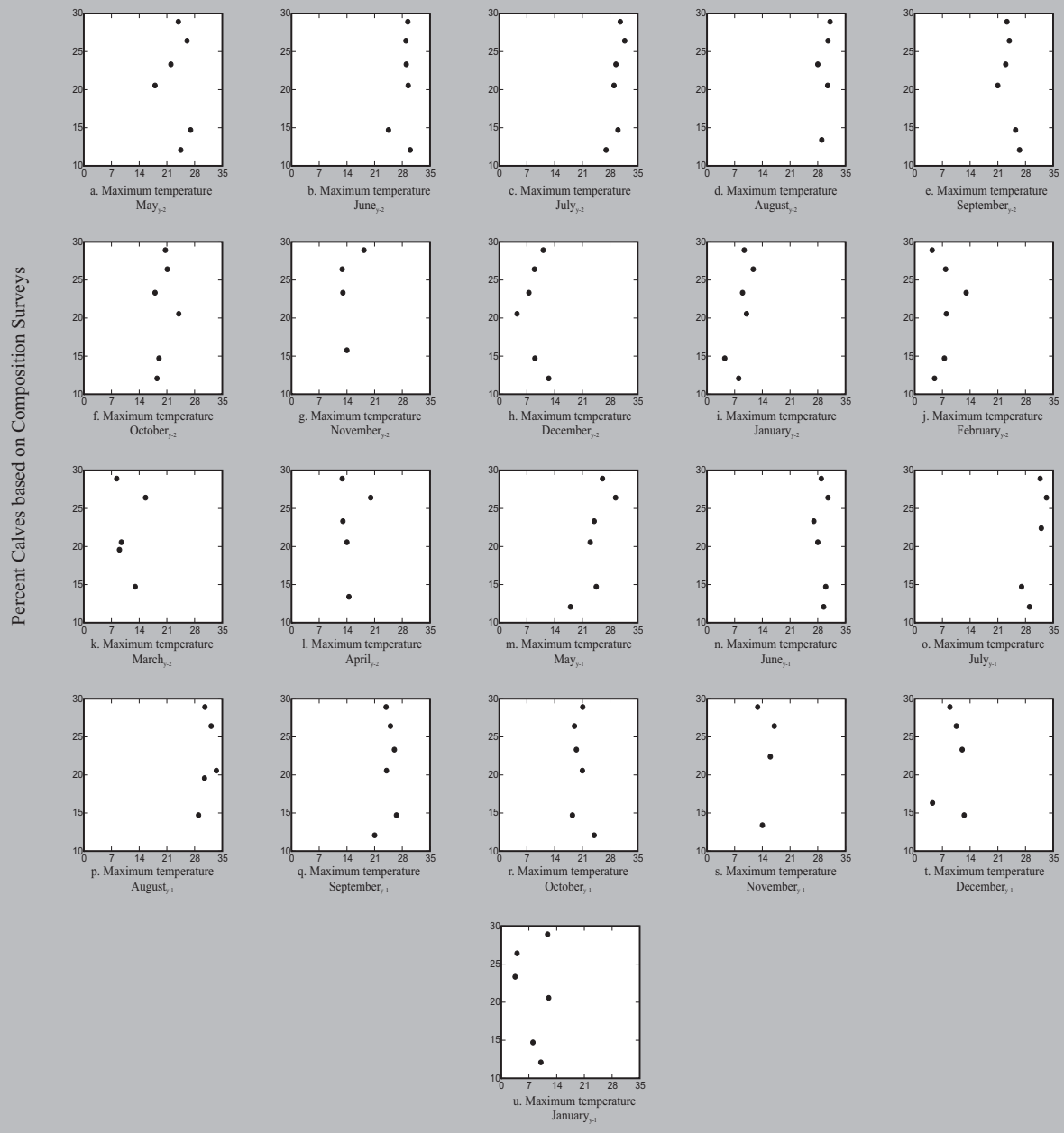


Fig. 14F-10N. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

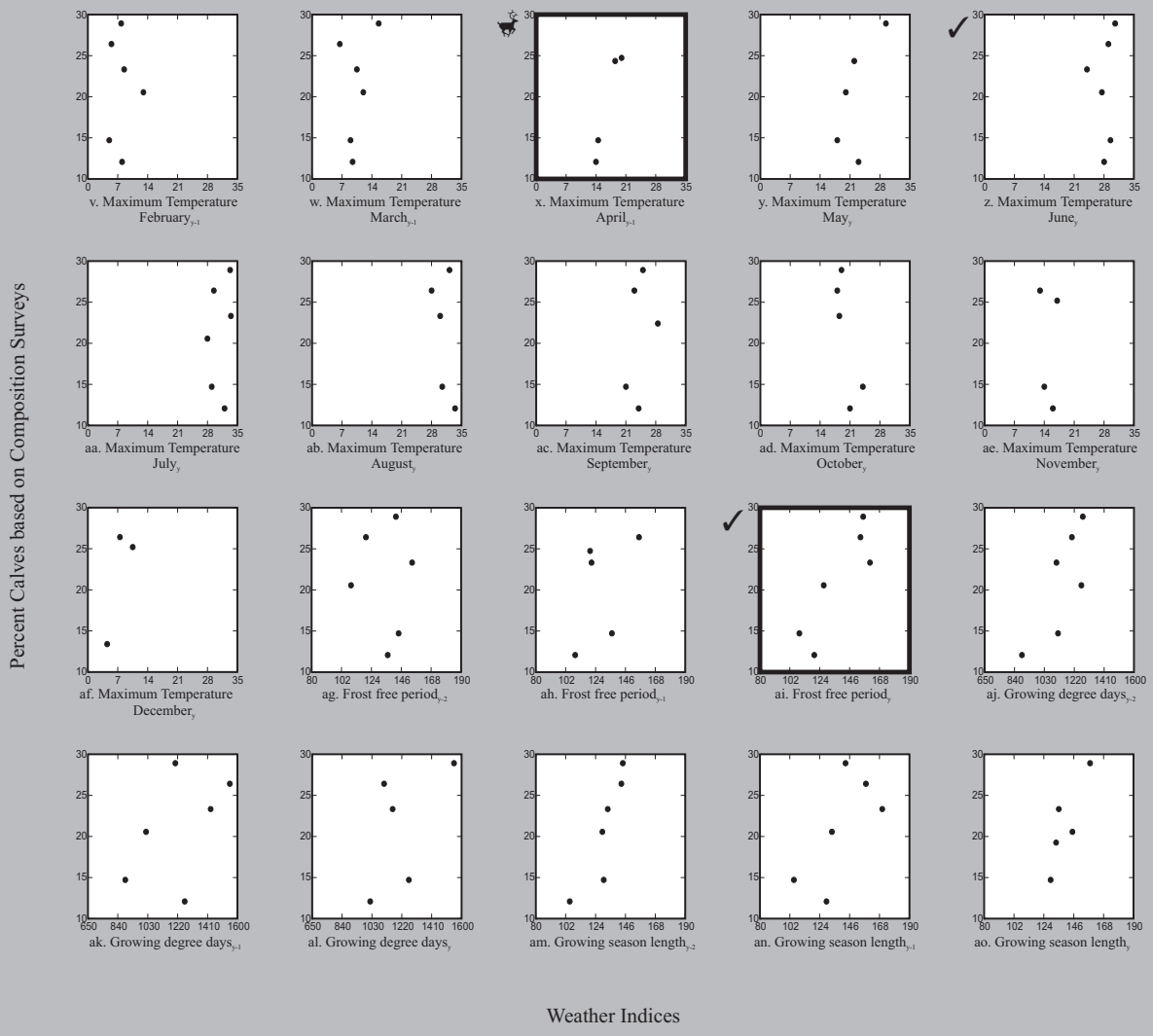


Fig. 14F-10N (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

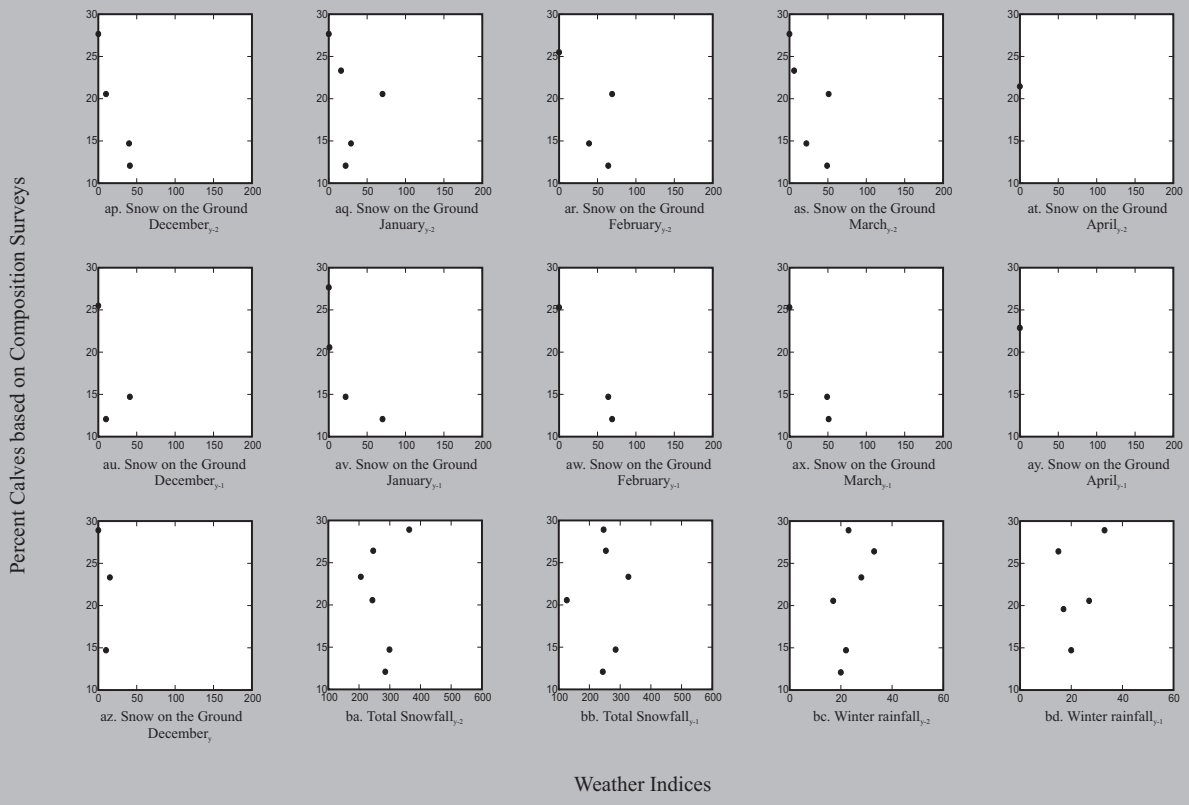


Fig. 14F-10N (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

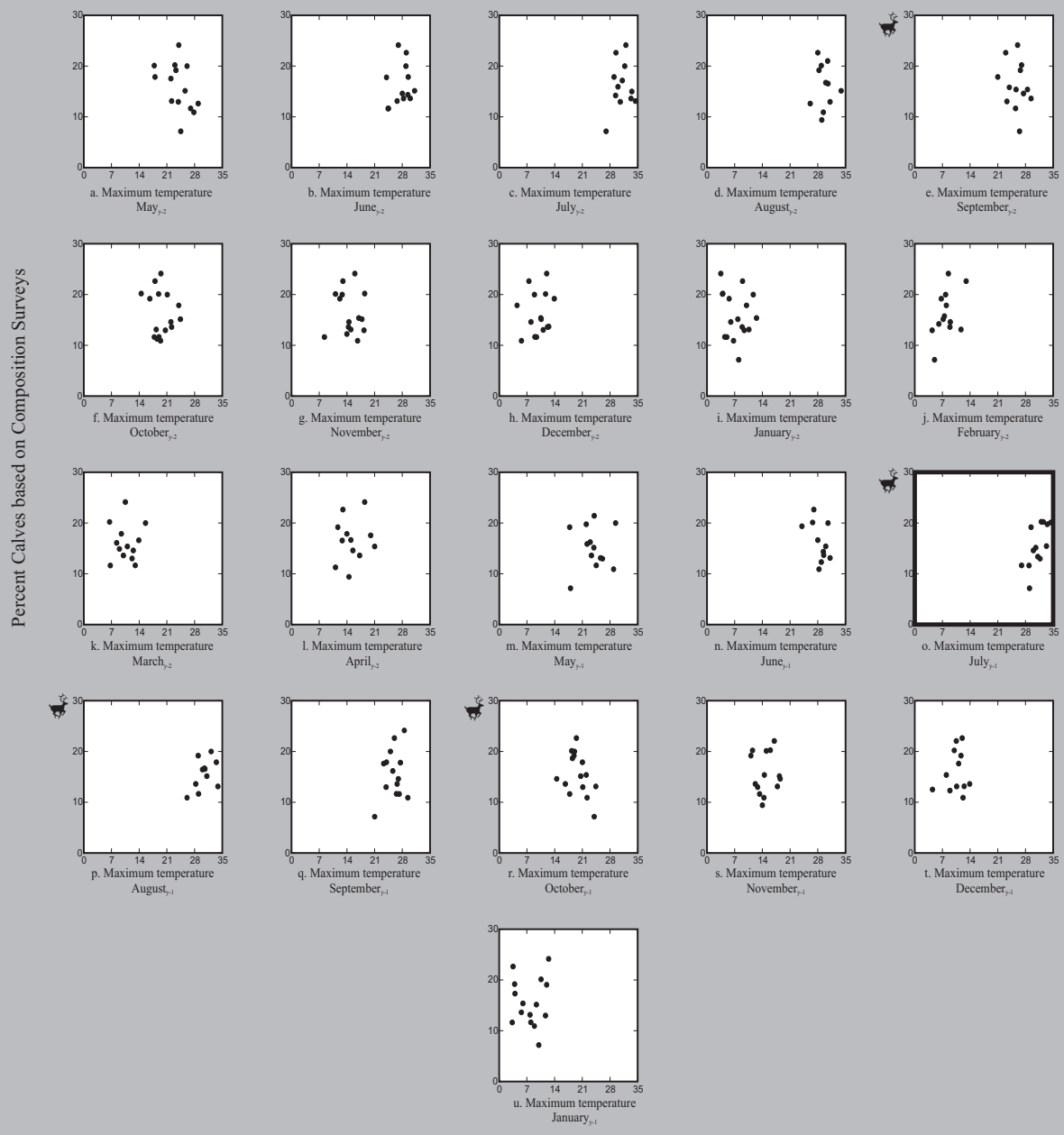


Fig. 14F-10O. Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

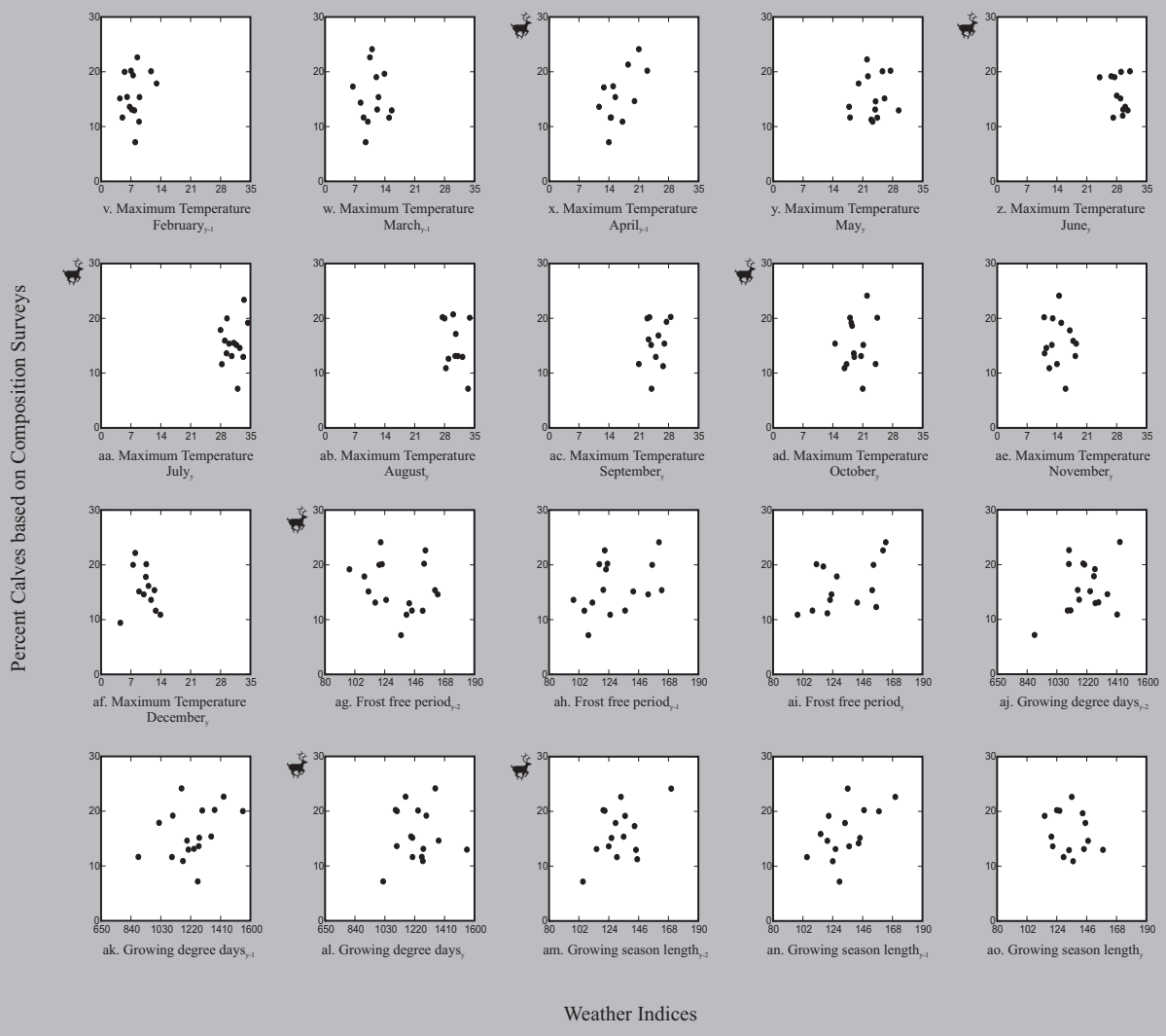


Fig. 14F-10O (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

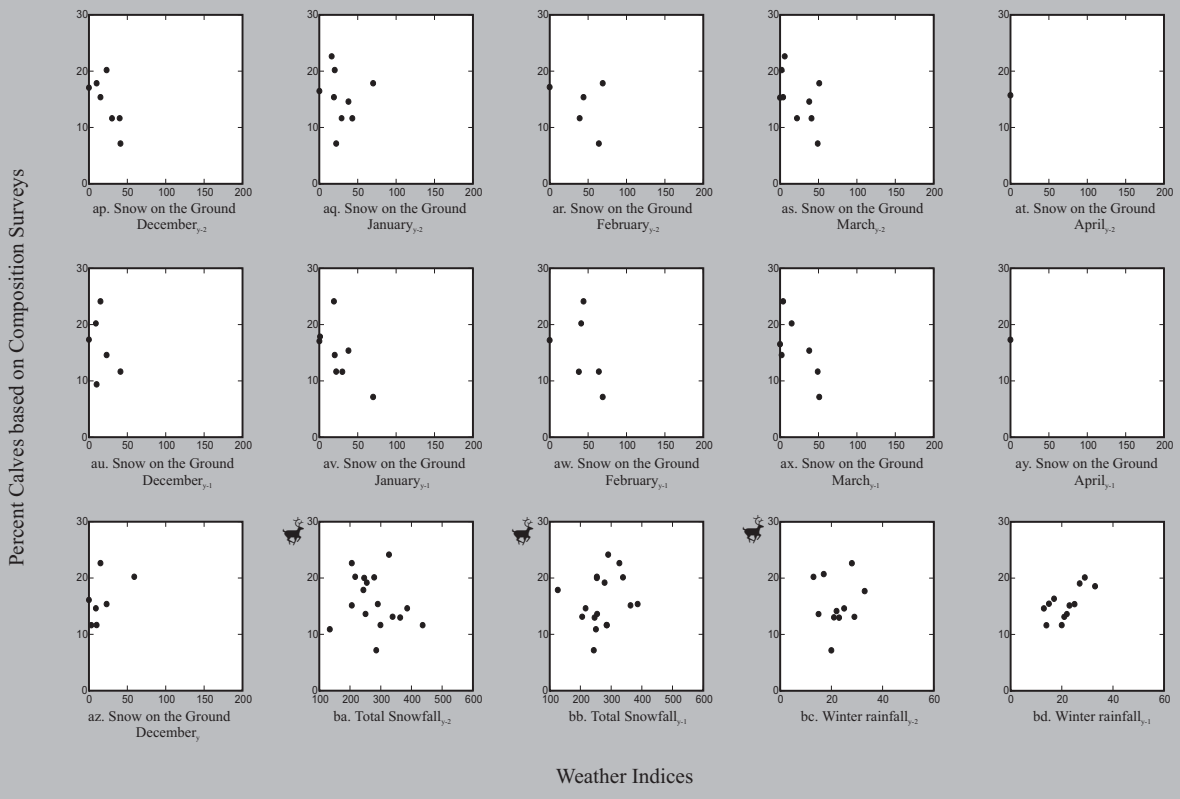


Fig. 14F-10O (con'd). Statistical comparison of weather indices and Percent Calves from fall (October to December) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between percent calves and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

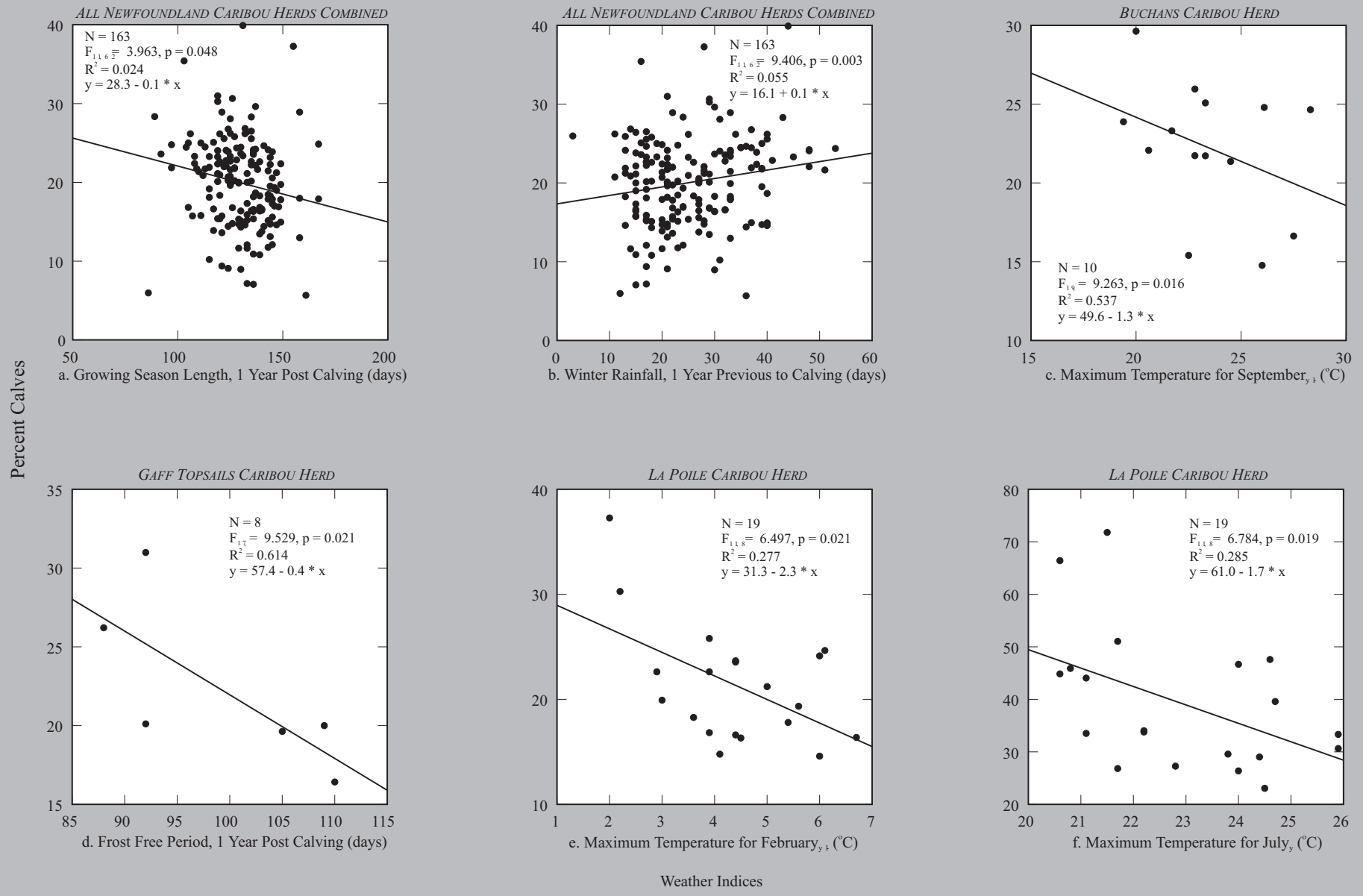


Fig. 14F-11. Simple linear regressions of Percent Calves in the fall (October - December) and weather indices as identified in Table 14F-5. Percent Calves is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

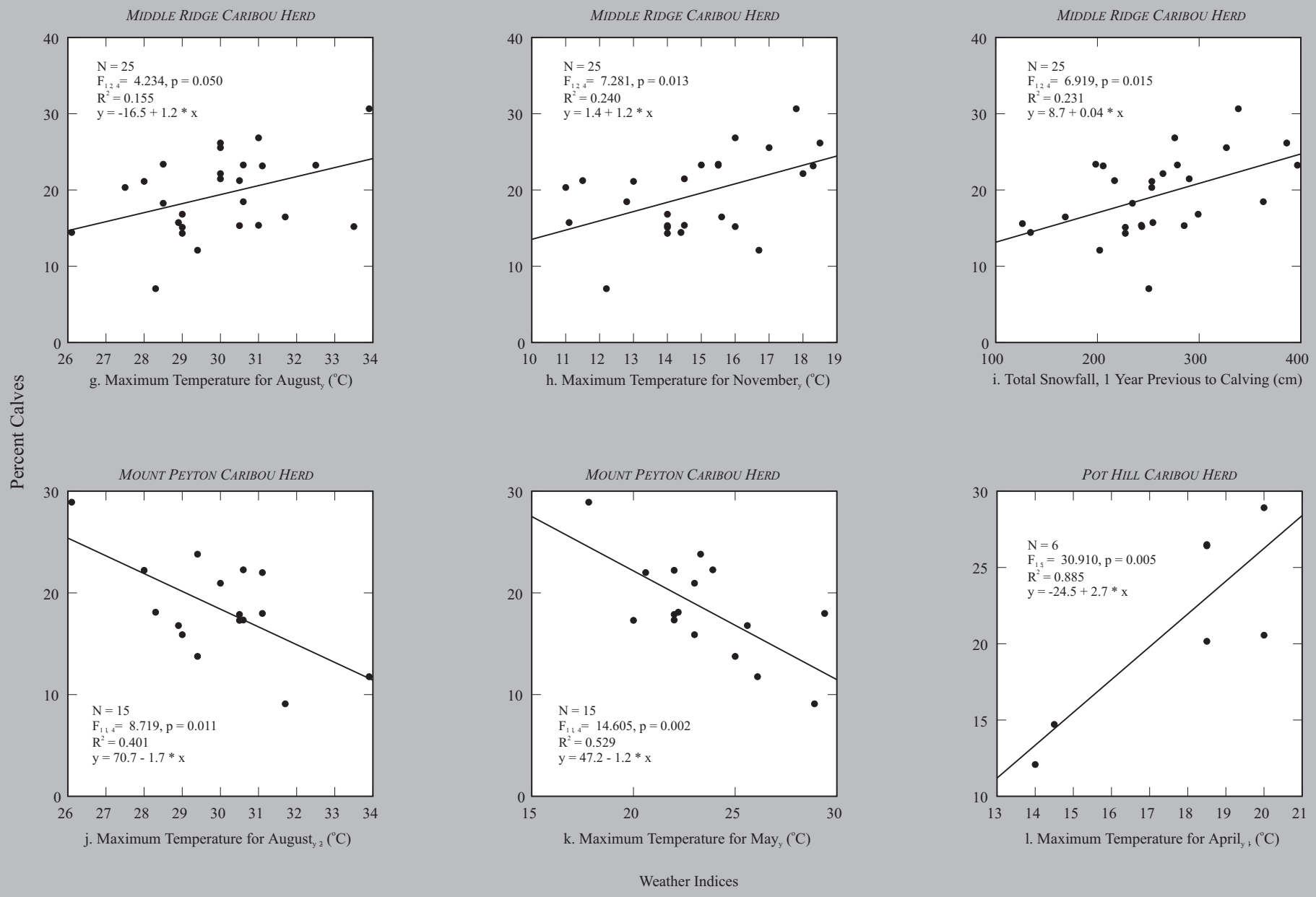


Fig. 14F-11 (con'd). Simple linear regressions of Percent Calves in the fall (October - December) and weather indices as identified in Table 14F-5. Percent Calves is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

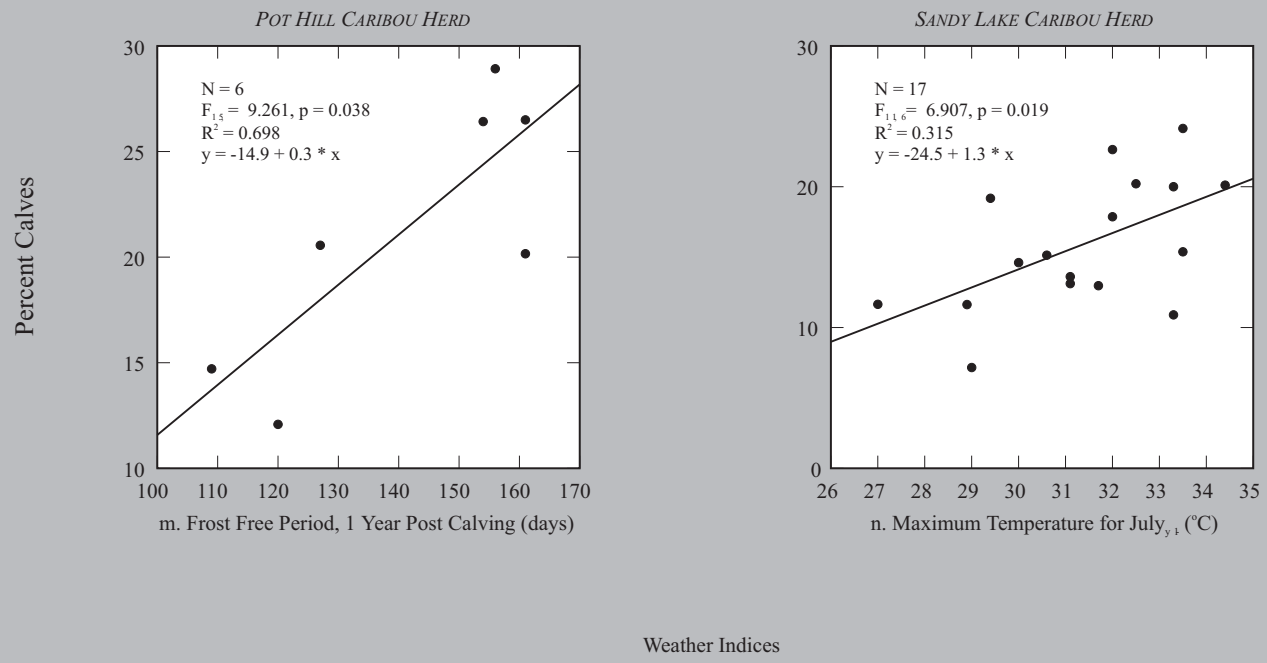


Fig. 14F-11 (con'd). Simple linear regressions of Percent Calves in the fall (October - December) and weather indices as identified in Table 14F-5. Percent Calves is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Table 14F-6. Relationship of Yearlings per 100 Does, determined from **spring** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds									
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	18	6	22	5*	10	13	11	16	8	109
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls				various
Weather Indices										
(i) Maximum monthly temperature (ºC)										
May_{y-2}	**S-1**				**S-5**					**S-6**
$June_{y-2}$							**S-8**			
$July_{y-2}$							**S-5**			
$Aug._{y-2}$	**S-3**		**S-5**					**S-2**	**S-5**	
$Sept._{y-2}$										
$Oct._{y-2}$			**S-6**							
$Nov._{y-2}$									**S-1**	**S-2**
$Dec._{y-2}$										
$Jan._{y-2}$										
$Feb._{y-2}$			**S-1**			n/a		n/a		
$March_{y-2}$						n/a	n/a	n/a		
$April_{y-2}$		**S-3**					**S-4**		**S-3**	n/a
May_{y-1}						**S-3**				
$June_{y-1}$			**S-2**							
$July_{y-1}$			**S-7**		**S-2**					
$Aug._{y-1}$										
$Sept._{y-1}$			**S-3**			**S-6**				
$Oct._{y-1}$							**S-2**		**S-4**	
$Nov._{y-1}$					**S-1**					
$Dec._{y-1}$			**S-4**				**S-6**		**S-2**	**S-4**
$Jan._{y-1}$			**S-8**							
$Feb._{y-1}$					**S-4**	n/a	n/a	n/a		n/a
$March_{y-1}$						**S-7**		n/a		n/a
$April_{y-1}$	**S-3**	n/a								n/a
May_{y}	**B-1**	**B-1**				**S-1**; **B-1**				**B-1**
$June_{y}$		n/a				**B-2**	**B-1**			n/a
$July_{y}$		n/a		n/a	**S-7; B-1**	**S-2; B-3**	**B-2**			n/a

Table 14F-6 (con'd). Relationship of Yearlings per 100 Does, determined from **spring** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds									
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	18	6	22	5*	10	13	11	16	8	109
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls				various
Weather Indices										
(ii) Frost free period (days)										
y-2			**S-6**							
y-1							**S-1**	**S-1**		**S-3**
(iii) Growing degree days (days)										
y-2										
y-1							**S-7**			
(iv) Growing season length (days)										
y-2							**S-3**			**S-5**
y-1										**S-8**
(v) Snow depth (cm) on the ground on the last day of the month										
$Dec._{y-2}$	n/a			n/a		n/a	n/a	n/a	n/a	n/a
$Jan._{y-2}$	n/a		n/a			n/a	n/a	n/a	n/a	n/a
$Feb._{y-2}$	n/a		n/a		n/a	n/a	n/a	n/a	n/a	n/a
$March_{y-2}$	n/a	n/a				n/a	n/a	n/a	n/a	n/a
$April_{y-2}$	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
$Dec._{y-1}$	n/a		n/a	n/a		n/a	n/a	n/a	n/a	n/a
$Jan._{y-1}$	n/a			n/a		n/a	n/a	n/a	n/a	n/a
$Feb._{y-1}$	n/a		n/a	n/a	**S-3**	n/a	n/a	n/a	n/a	n/a
$March_{y-1}$	n/a	n/a		n/a		n/a	n/a	n/a	n/a	n/a
$April_{y-1}$	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
(vi) Total snowfall (cm)										
y-2		**S-2**				**S-5**				**S-1**
y-1		**S-1**		n/a						n/a
(vii) Winter rainfall (days)										
y-2					**S-6**	**S-4**		**S-3**		**S-7**
y-1										**R**

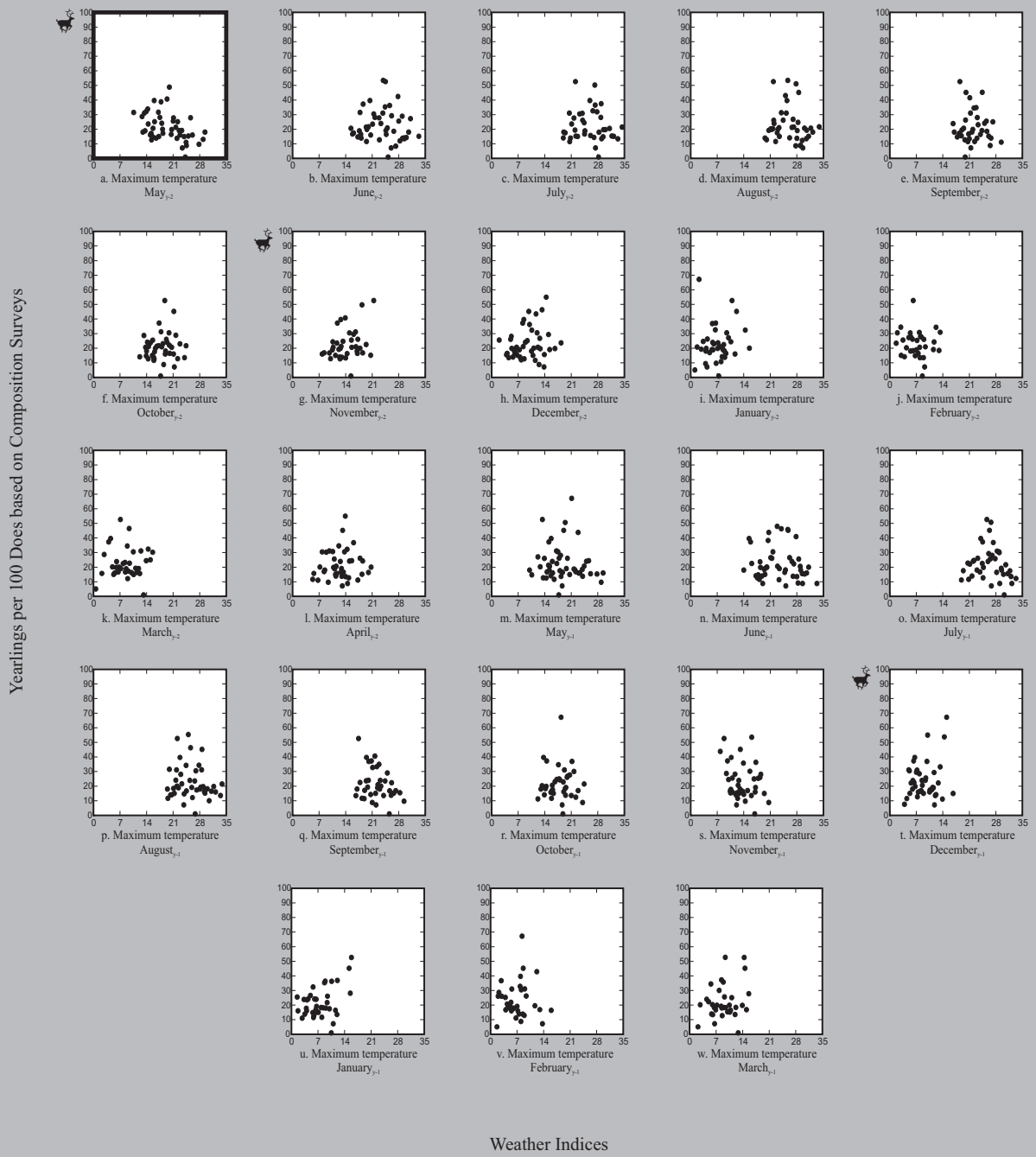


Fig. 14F-12A. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

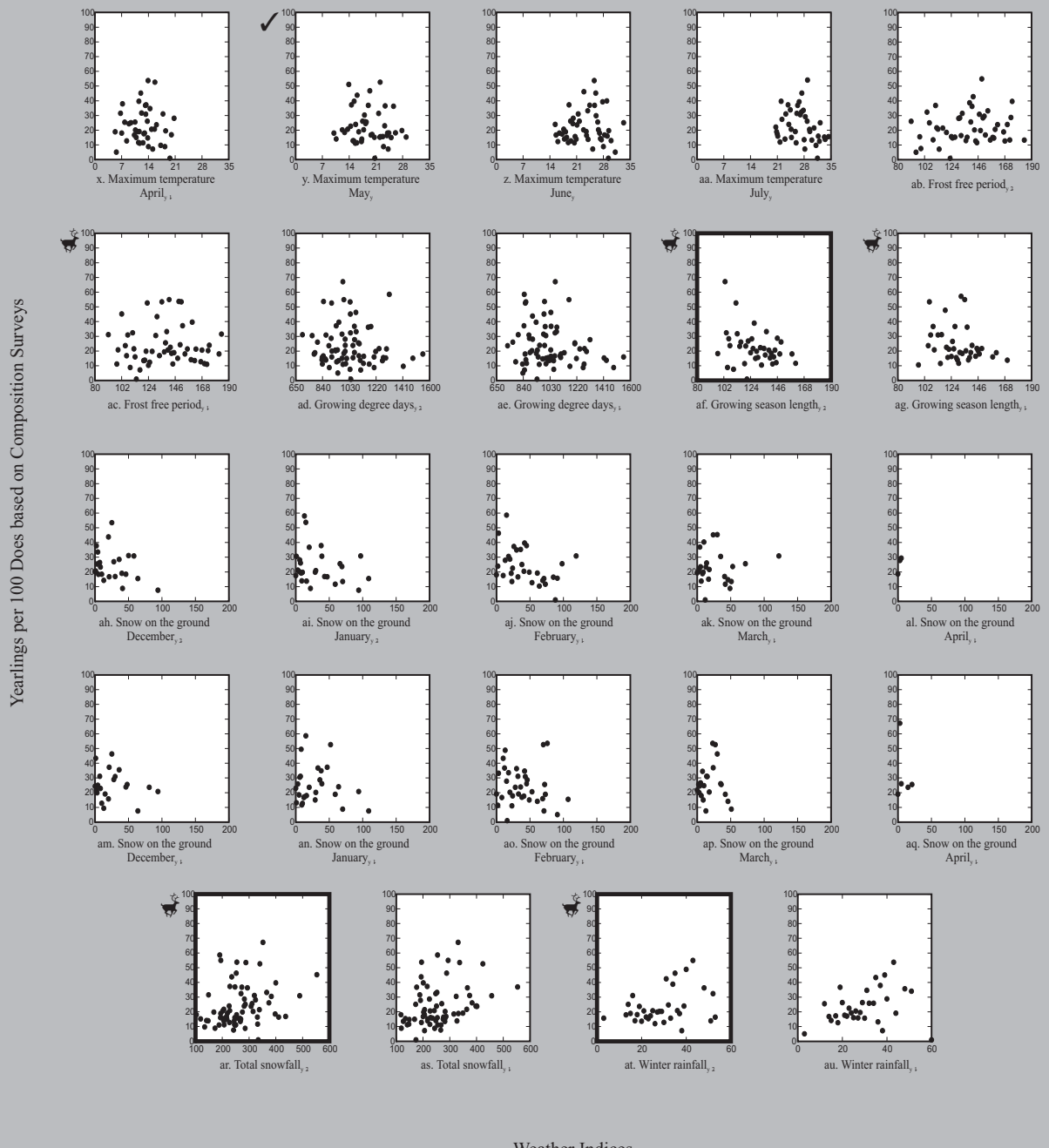


Fig. 14F-12A (con'd). Statistical comparison of weather indices to spring Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

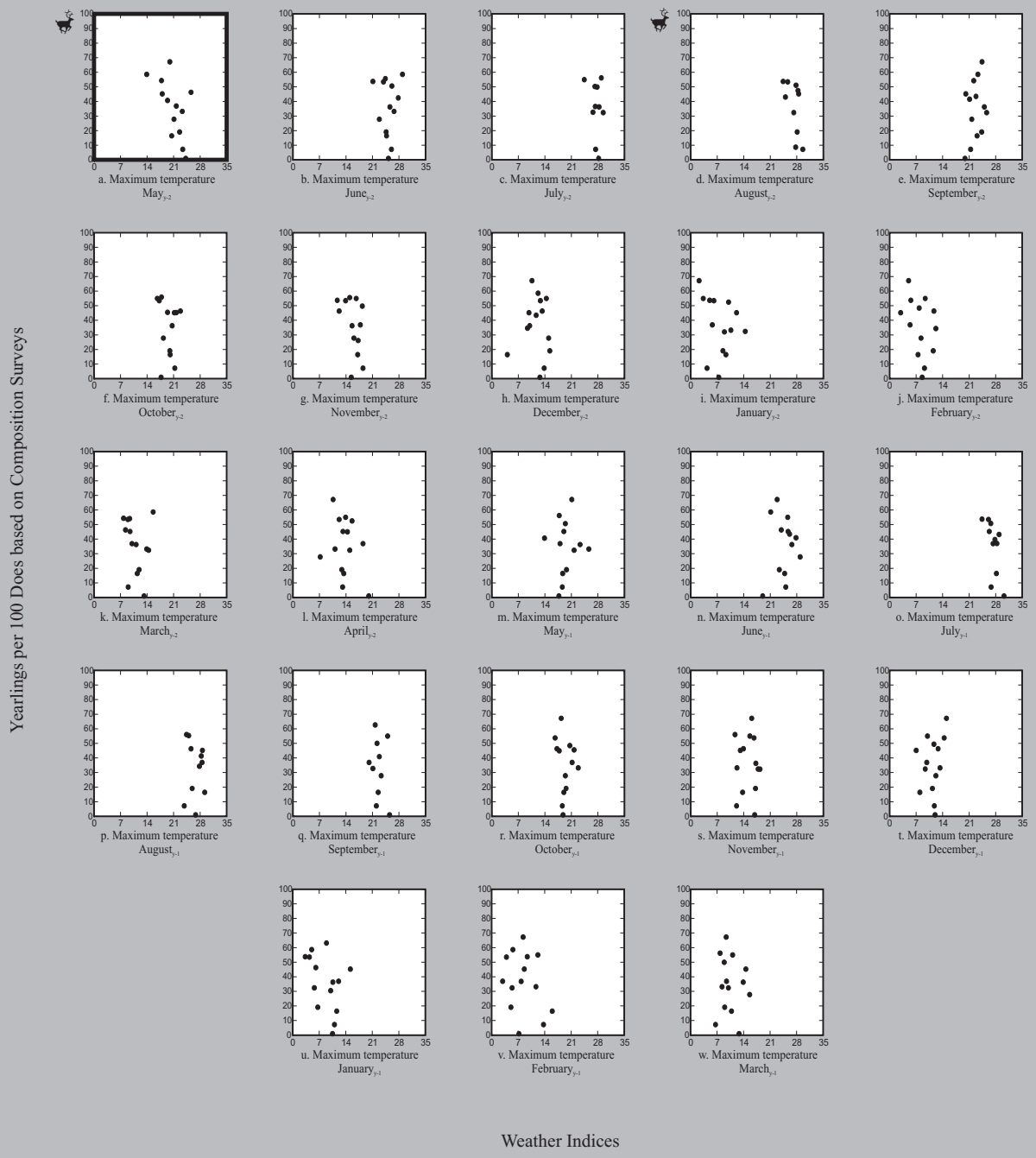


Fig. 14F-12B. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

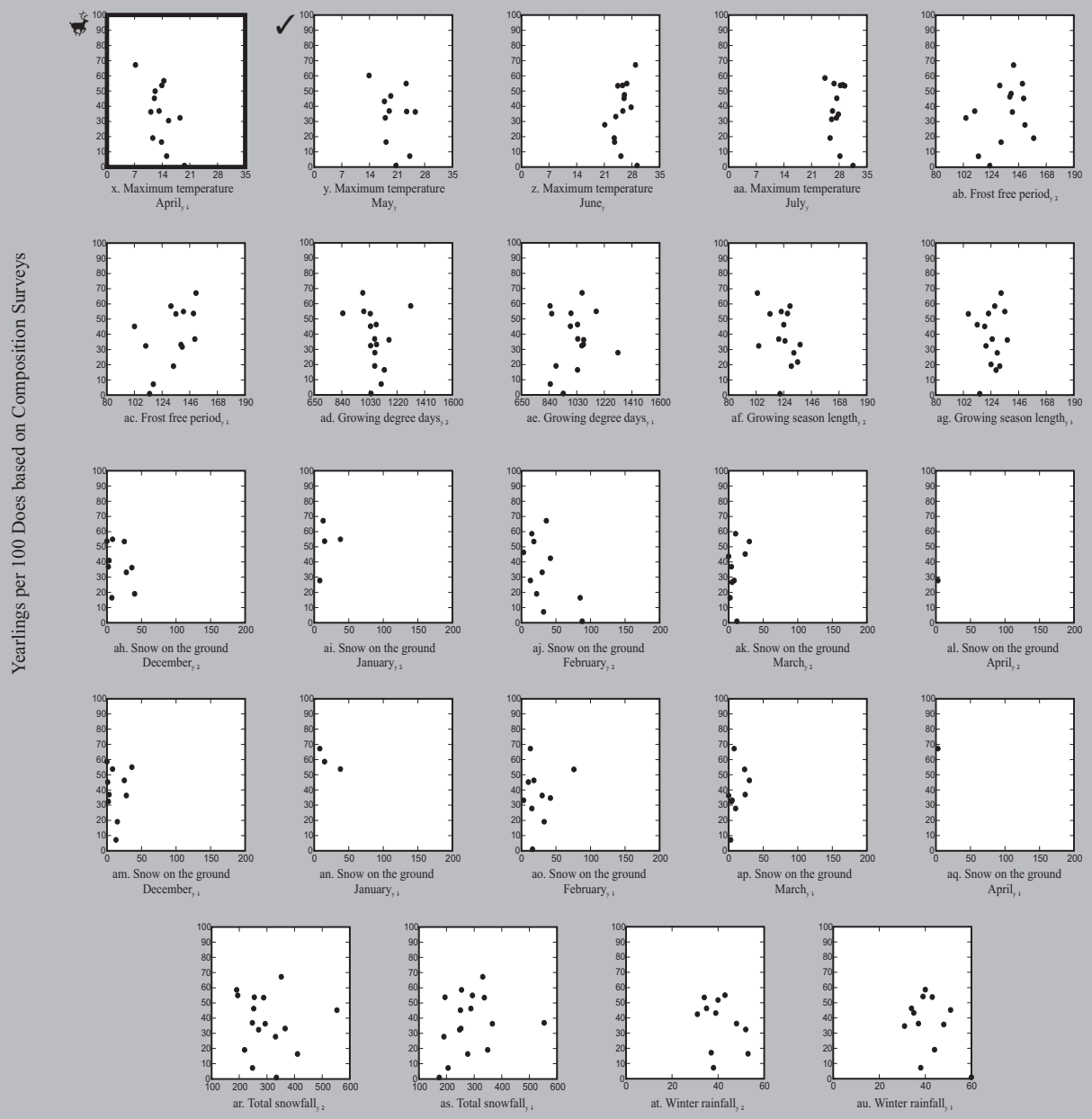


Fig. 14F-12B (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July)Composition Surveys for the Avalon Caribou Herd; where indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □ , a significant relationship in the simple linear regression analysis.

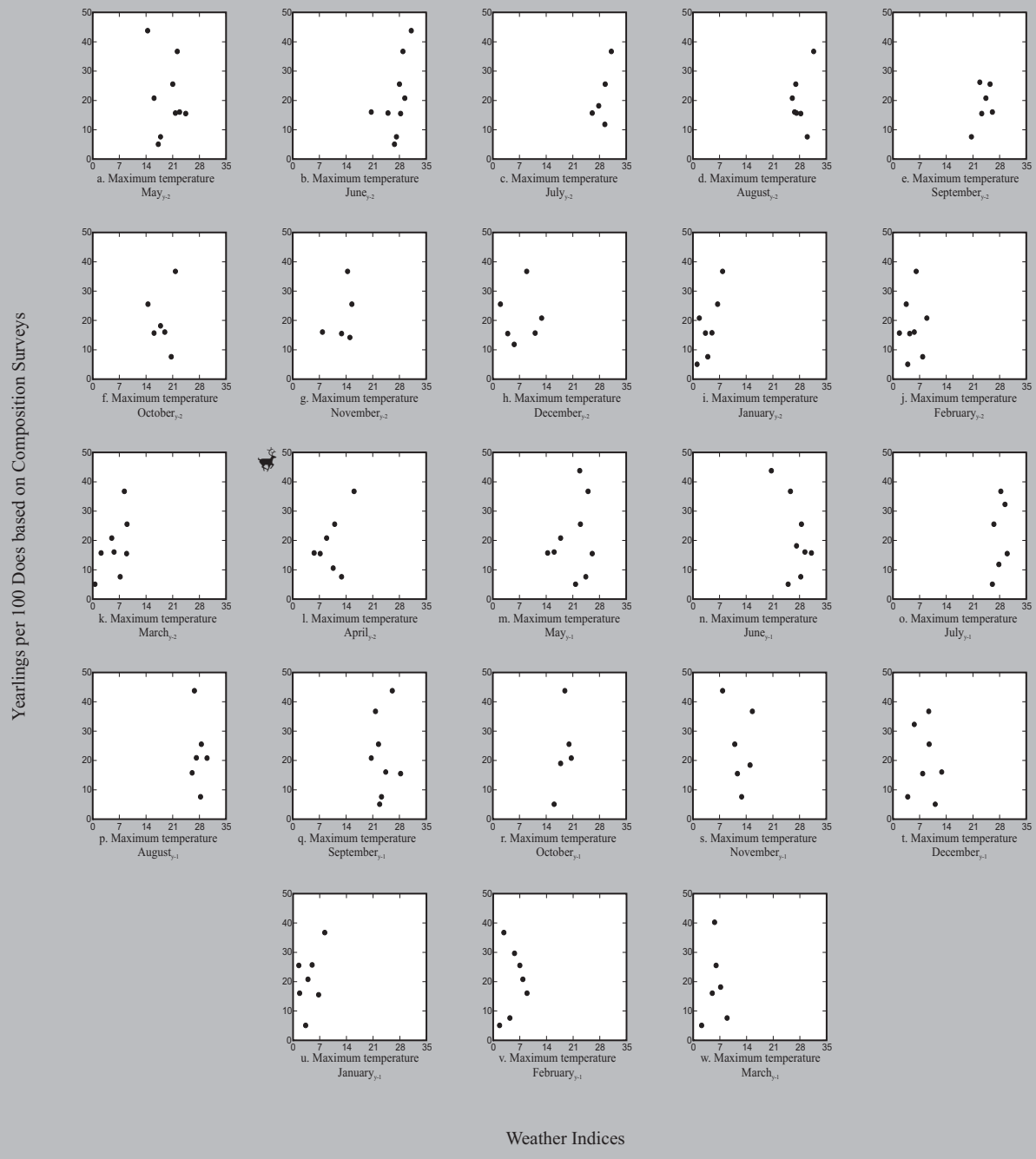


Fig. 14F-12C. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

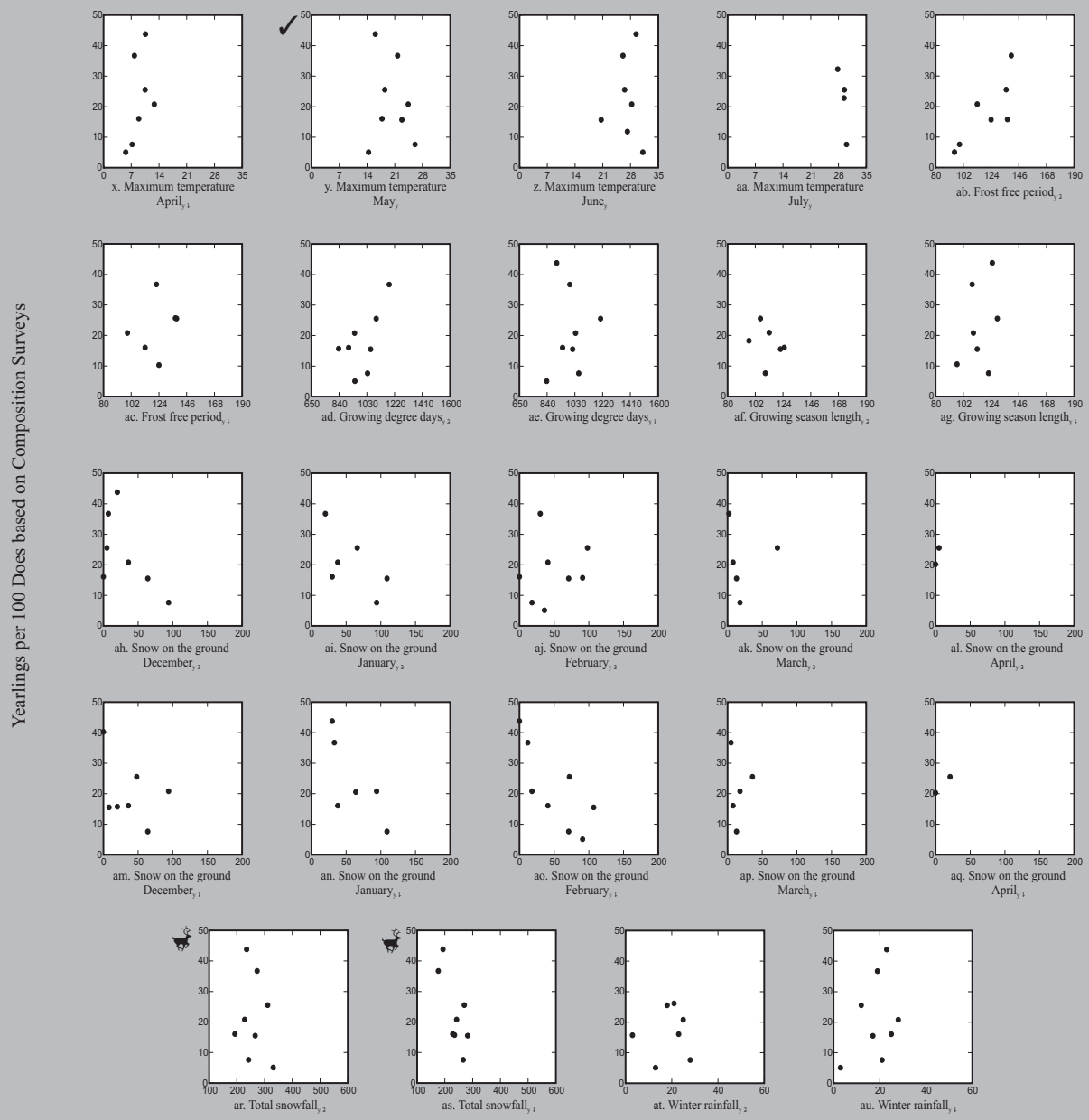


Fig. 14F-12C (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

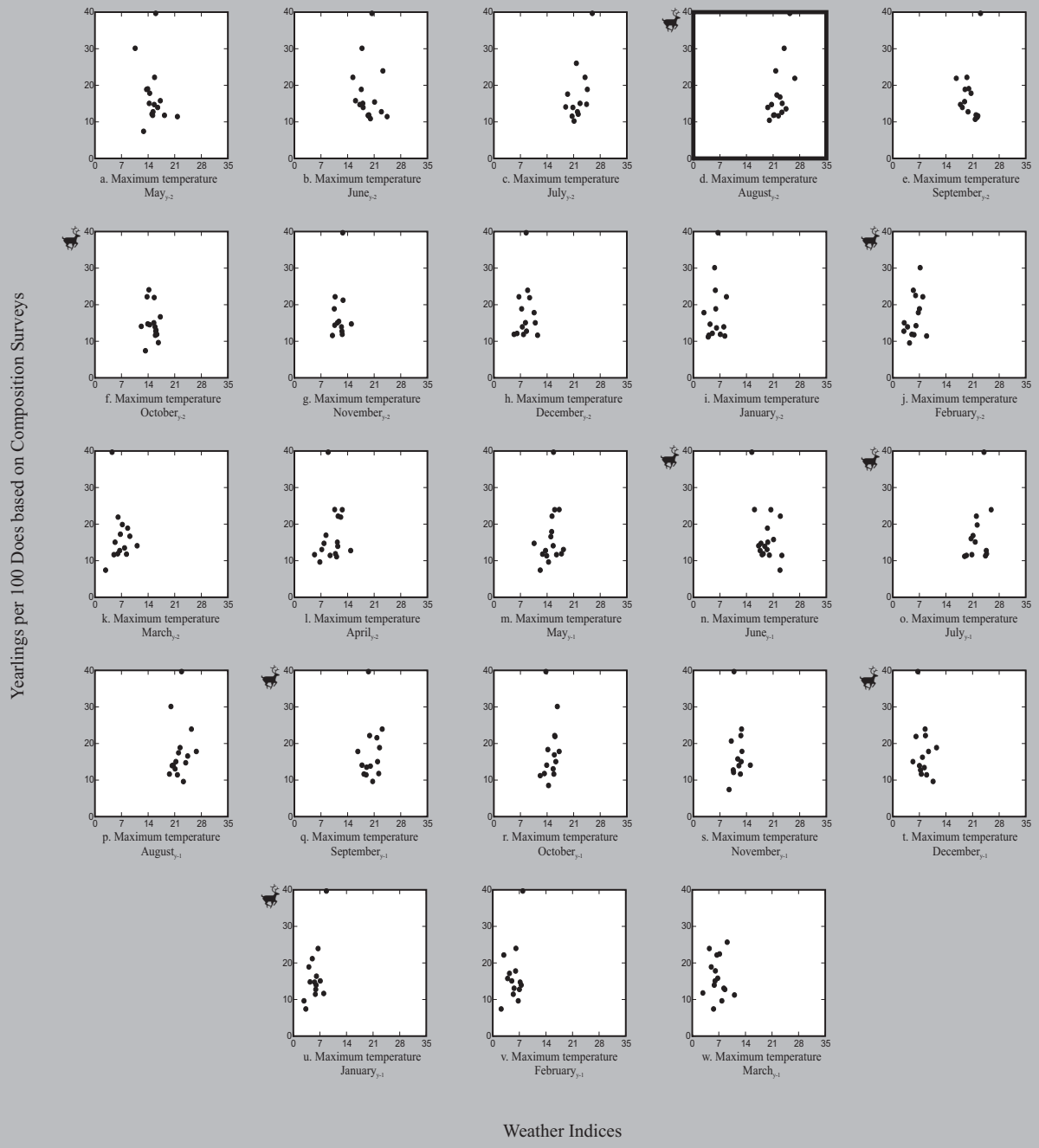


Fig. 14F-12D. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

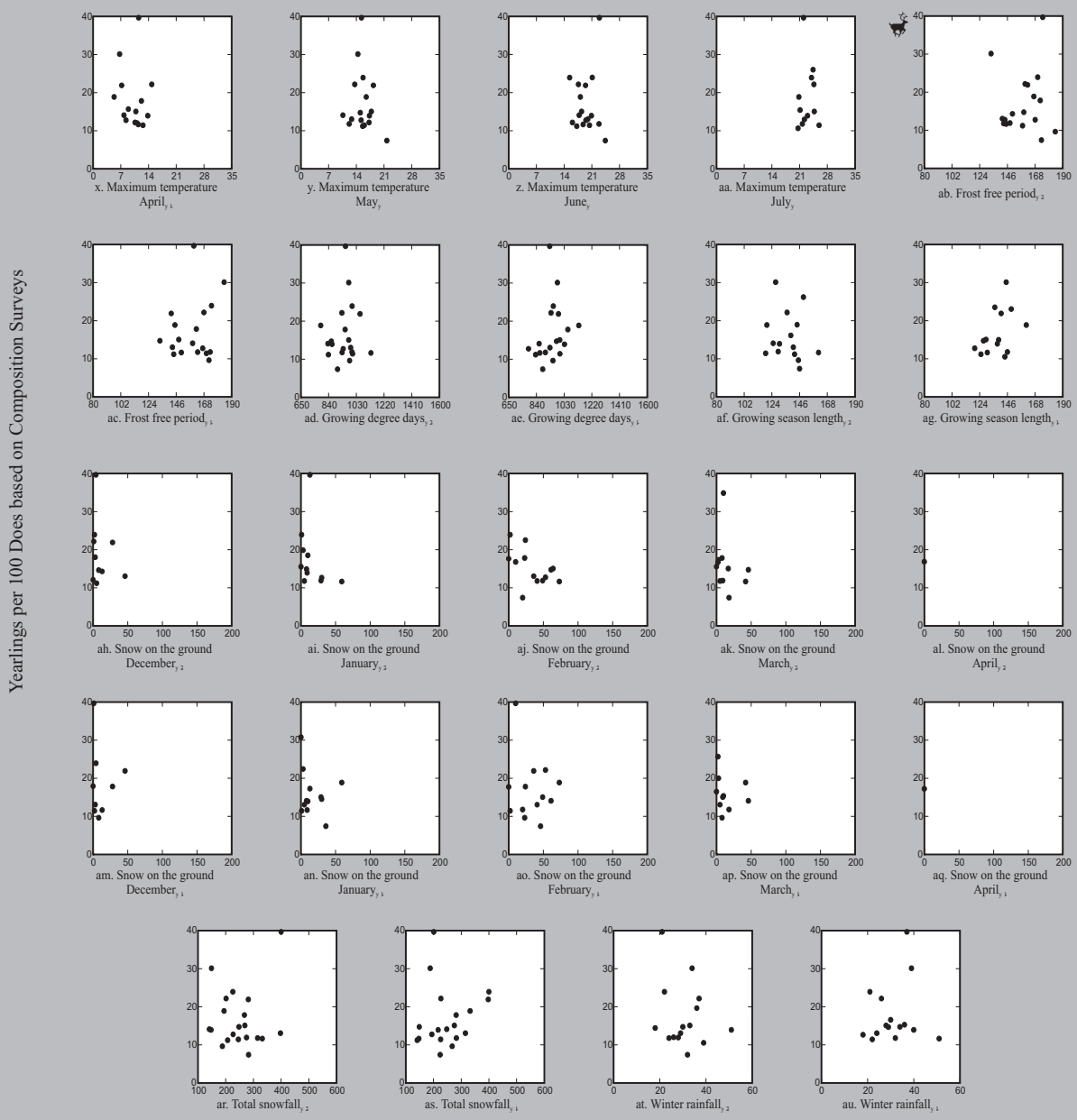


Fig. 14F-12D (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

Fig. 14F-12E. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

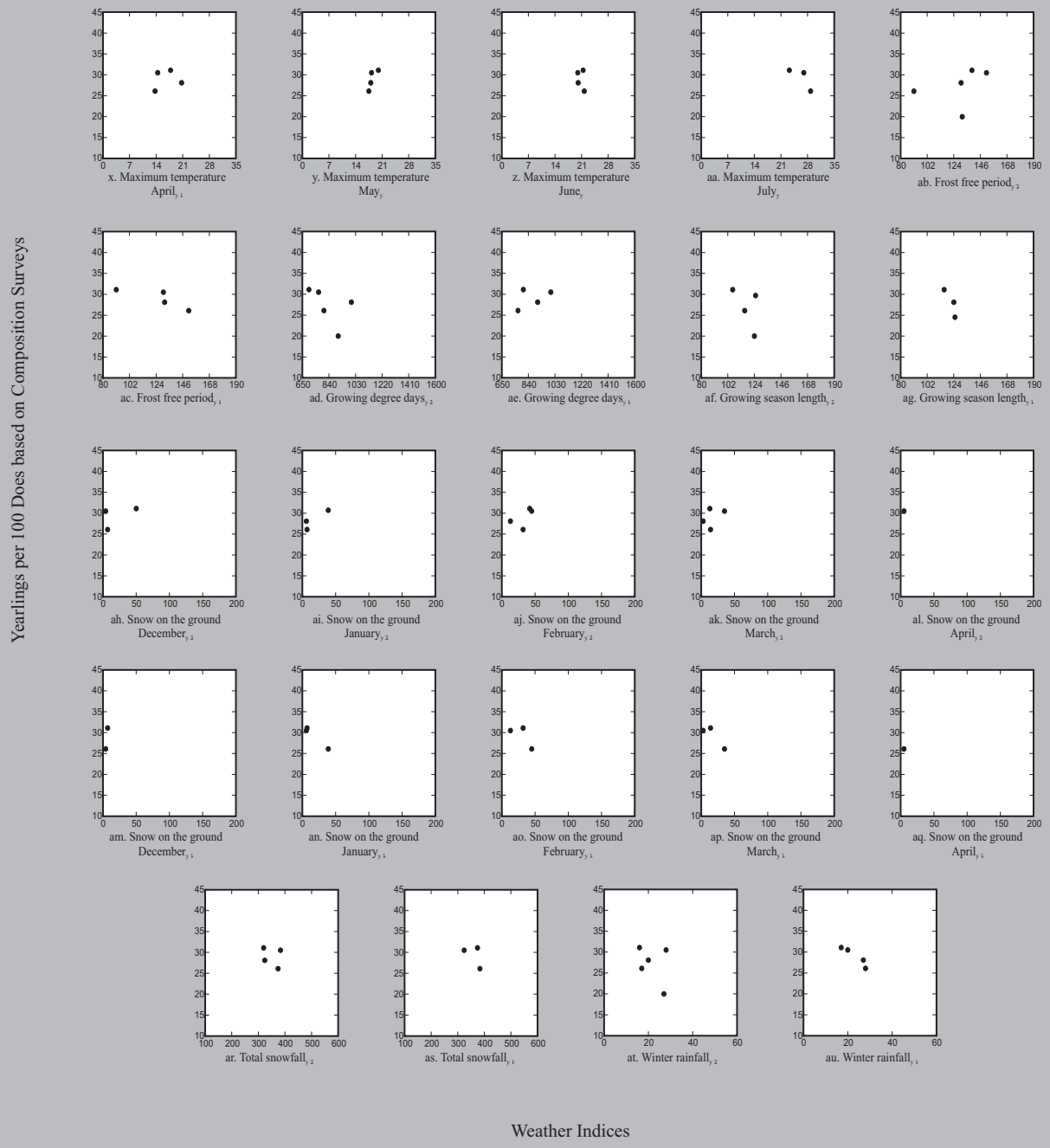


Fig. 14F-12E (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July)Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

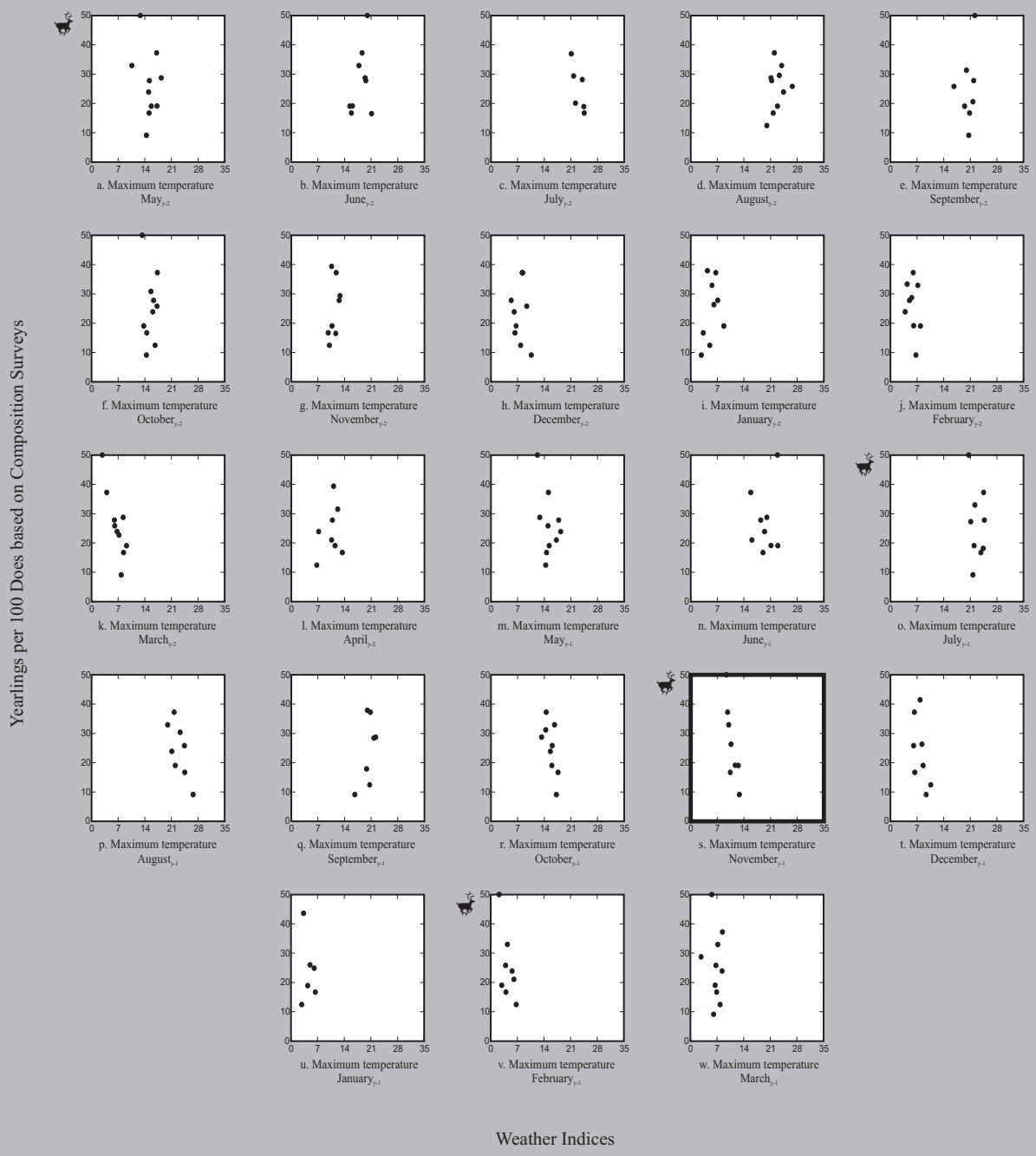


Fig. 14F-12F. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

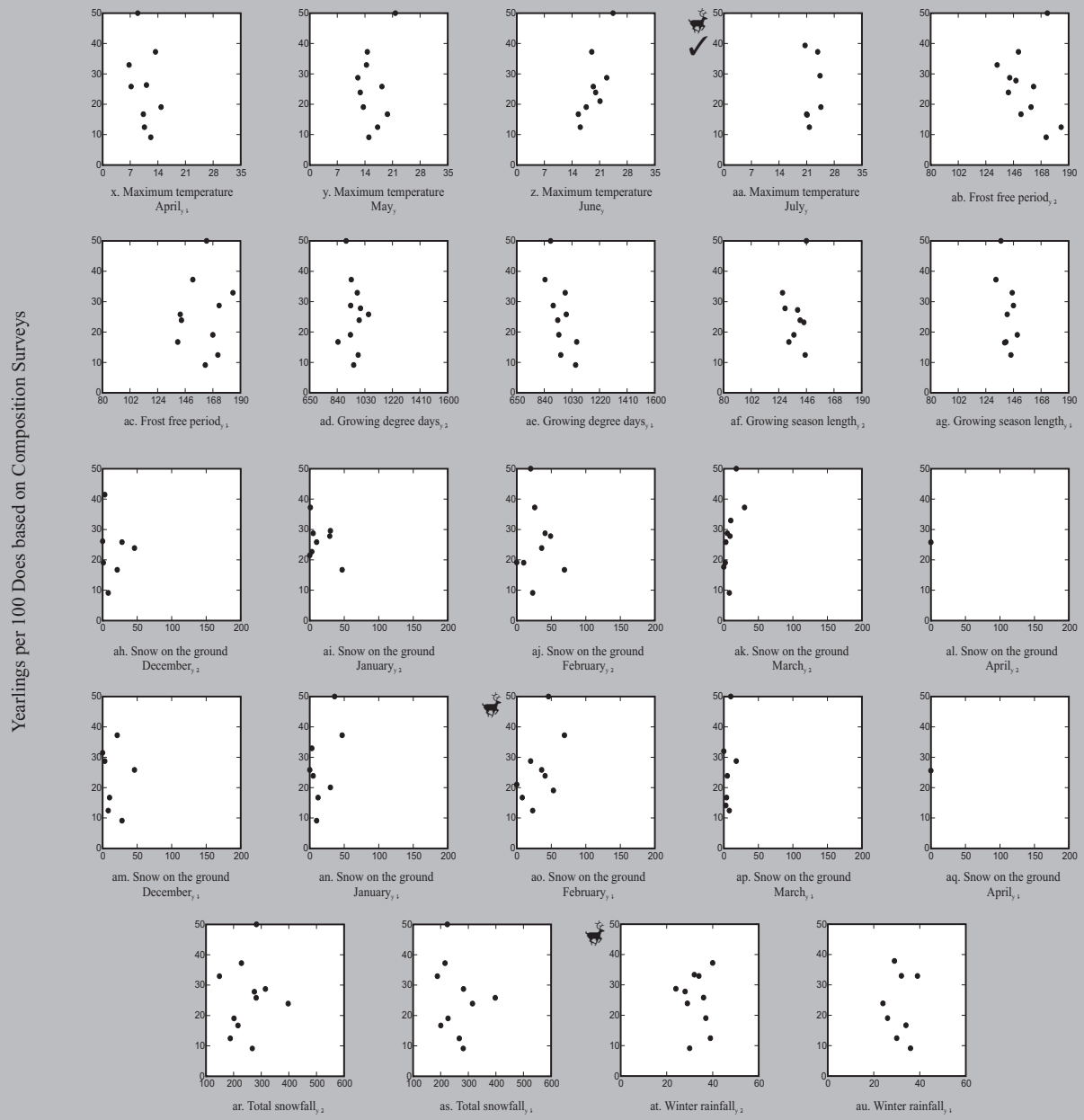


Fig. 14F-12F (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July)Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

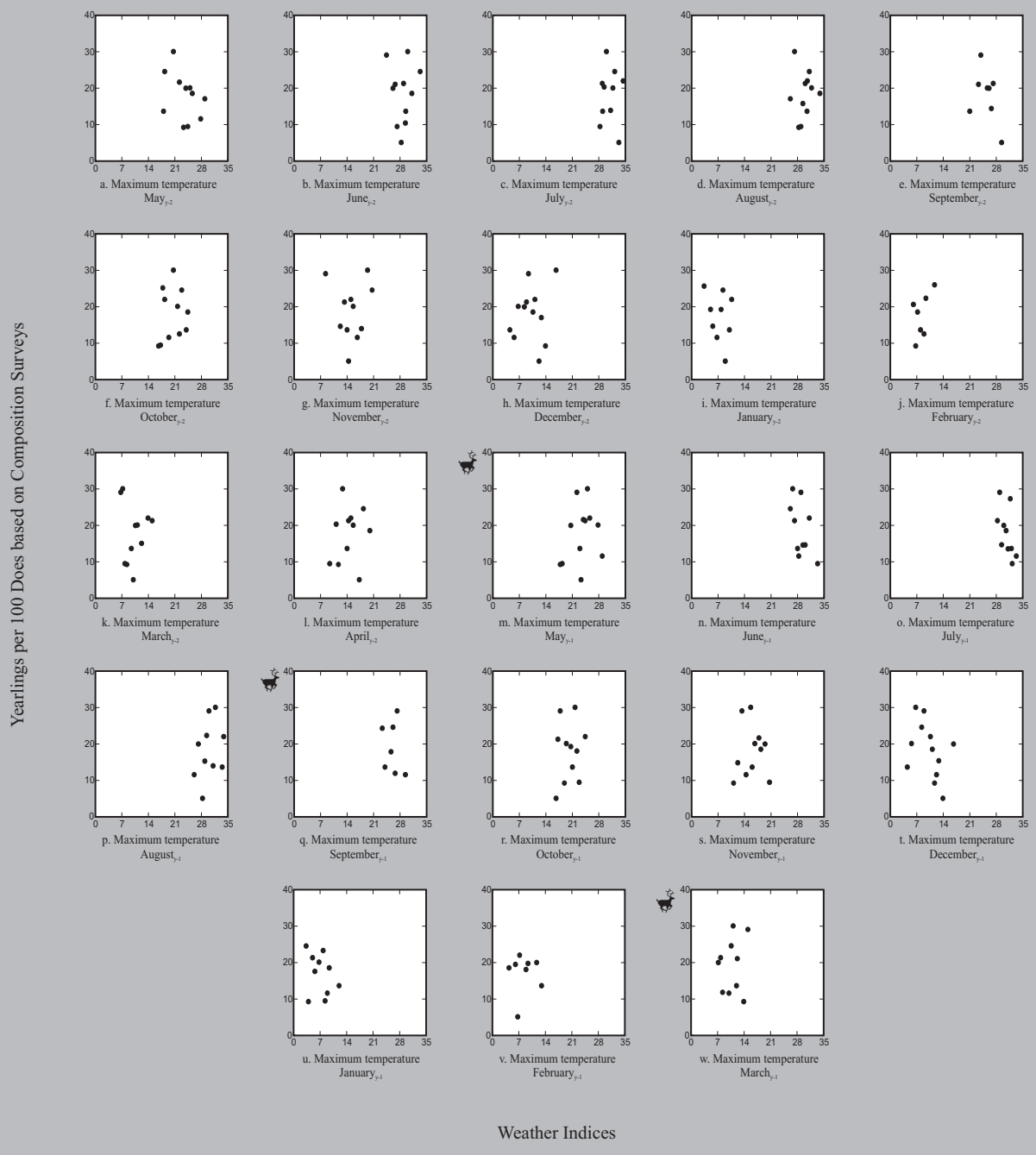


Fig. 14F-12G. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

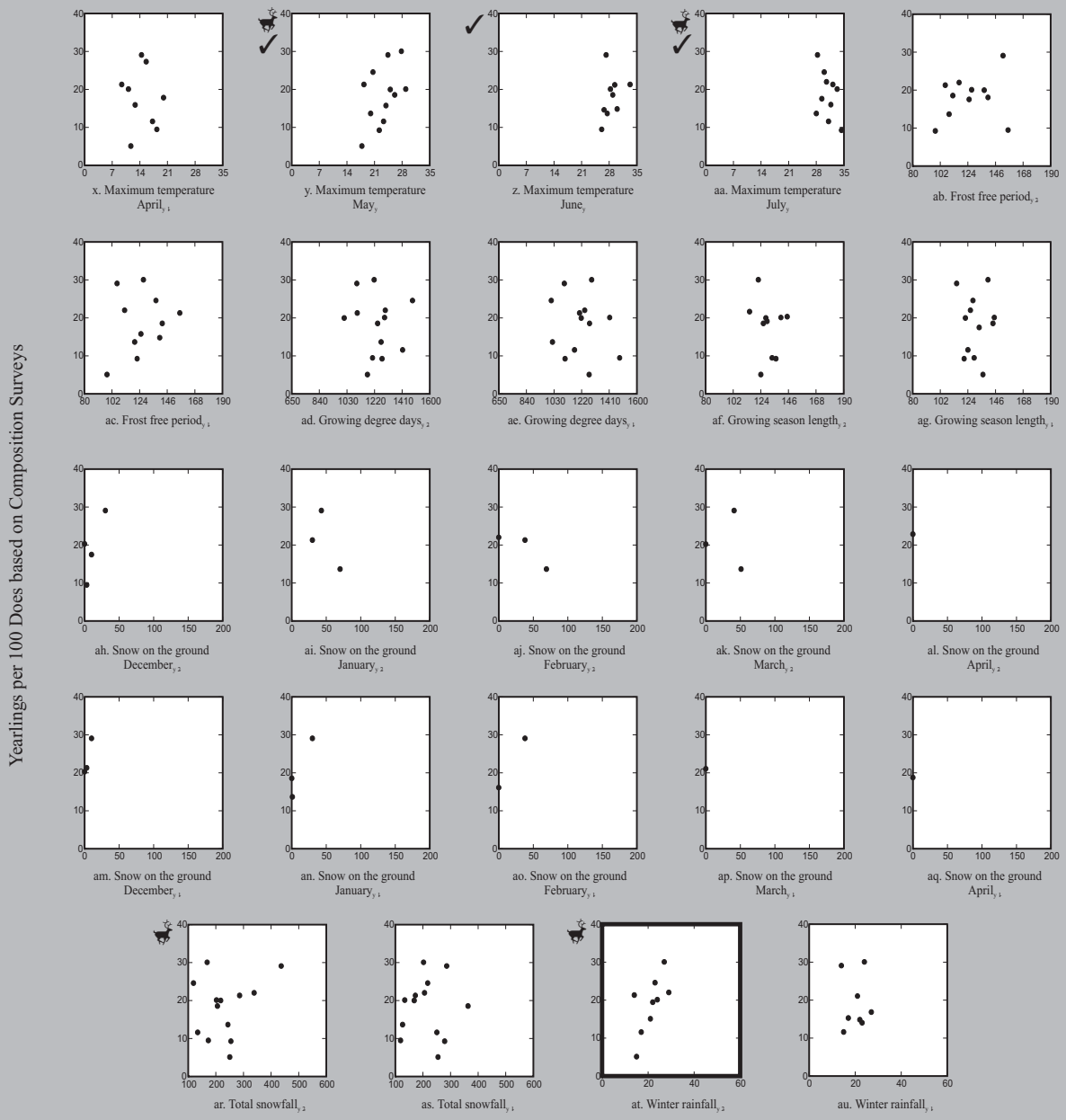


Fig. 14F-12G (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □ , a significant relationship in the simple linear regression analysis.

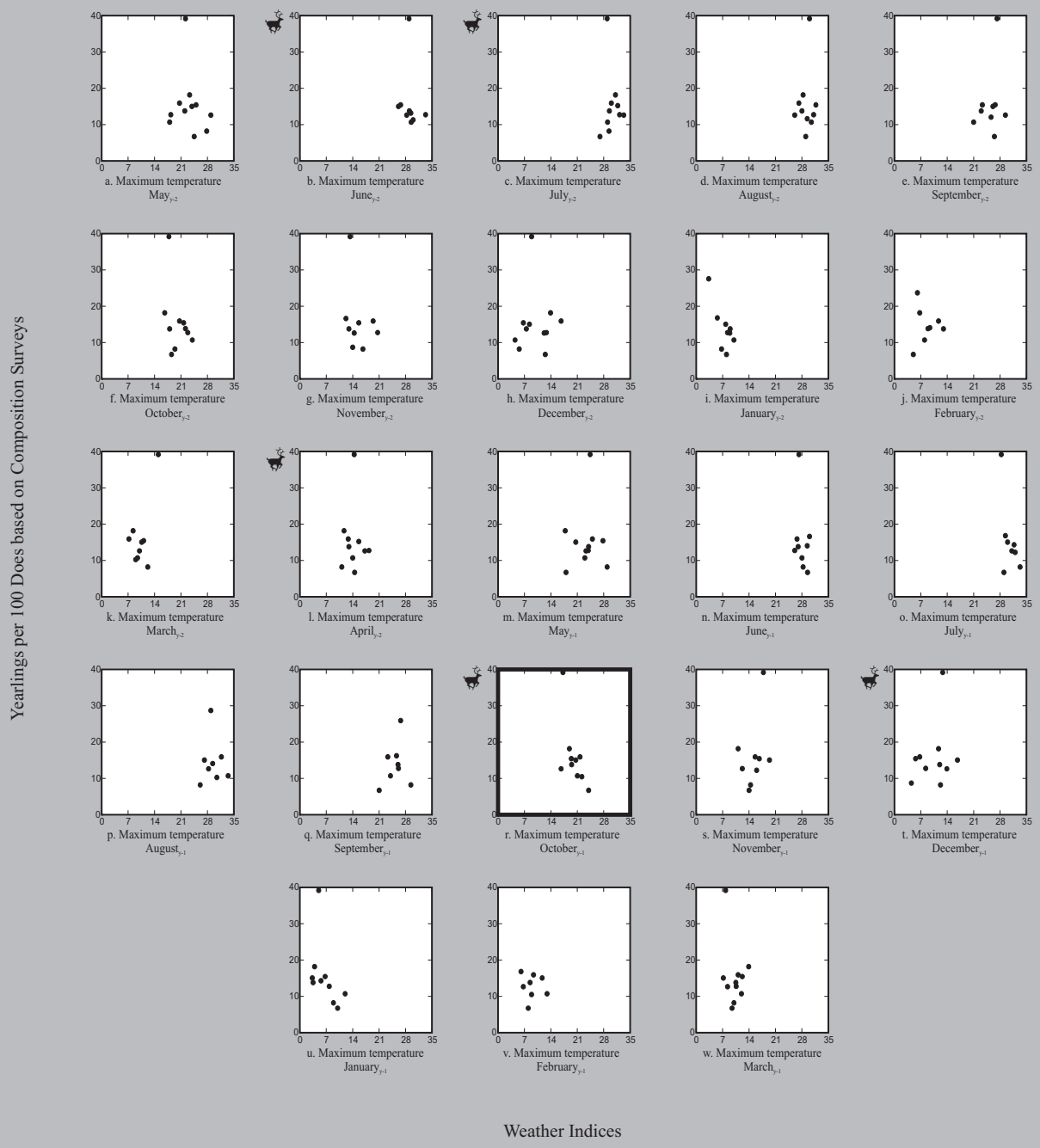


Fig. 14F-12H. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

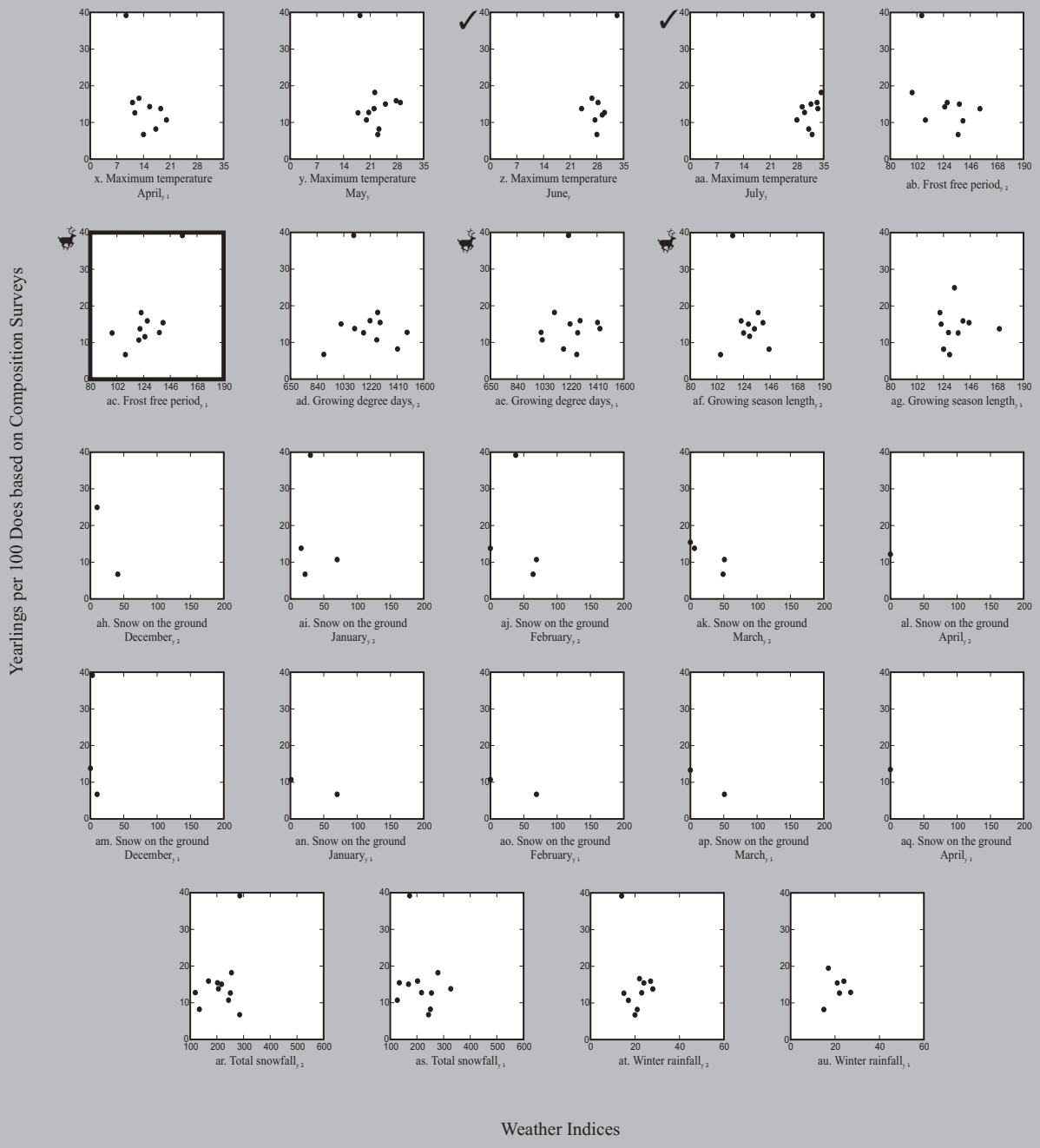


Fig. 14F-12H (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

Fig. 14F-12I. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

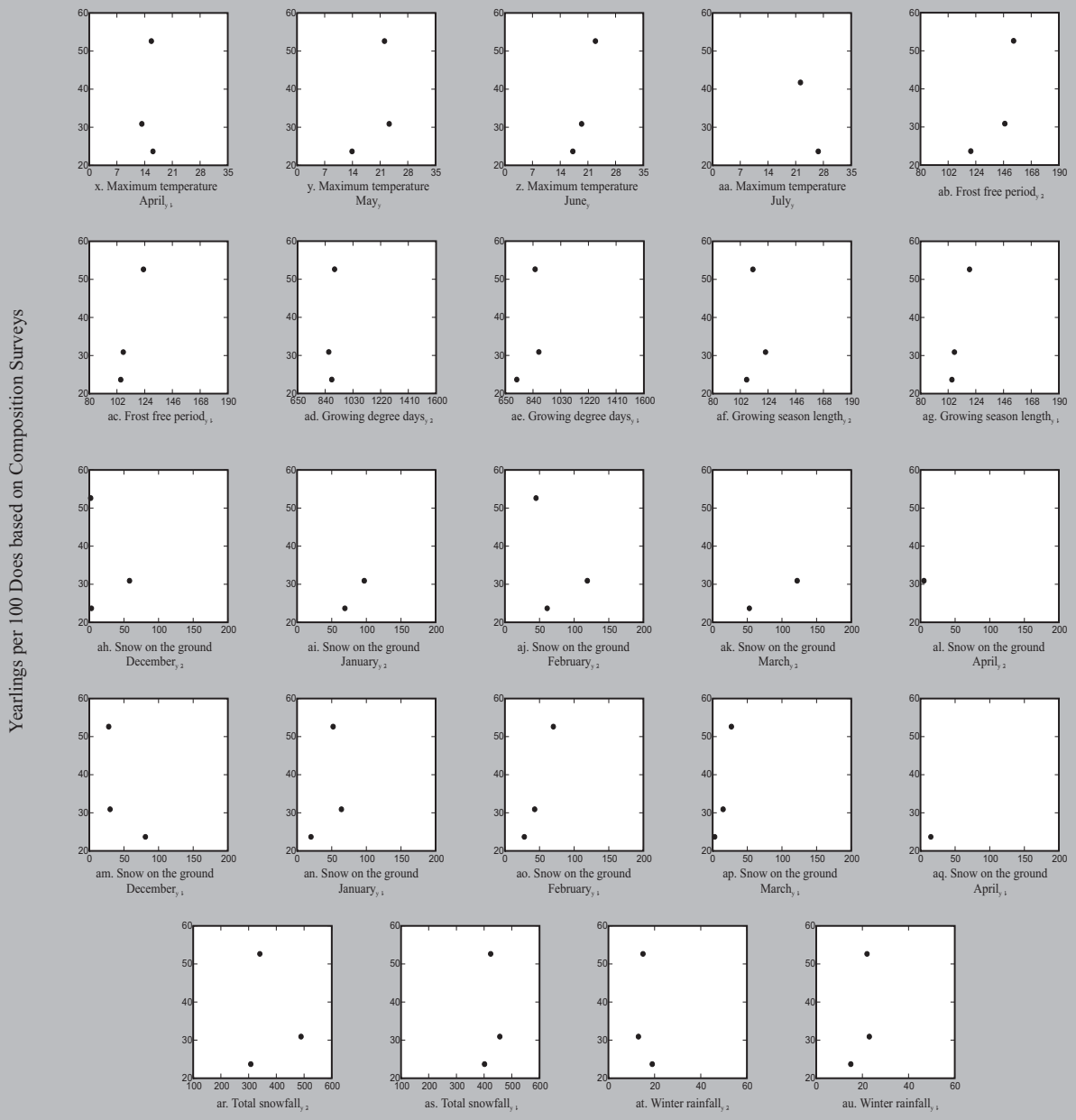


Fig. 14F-12I (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

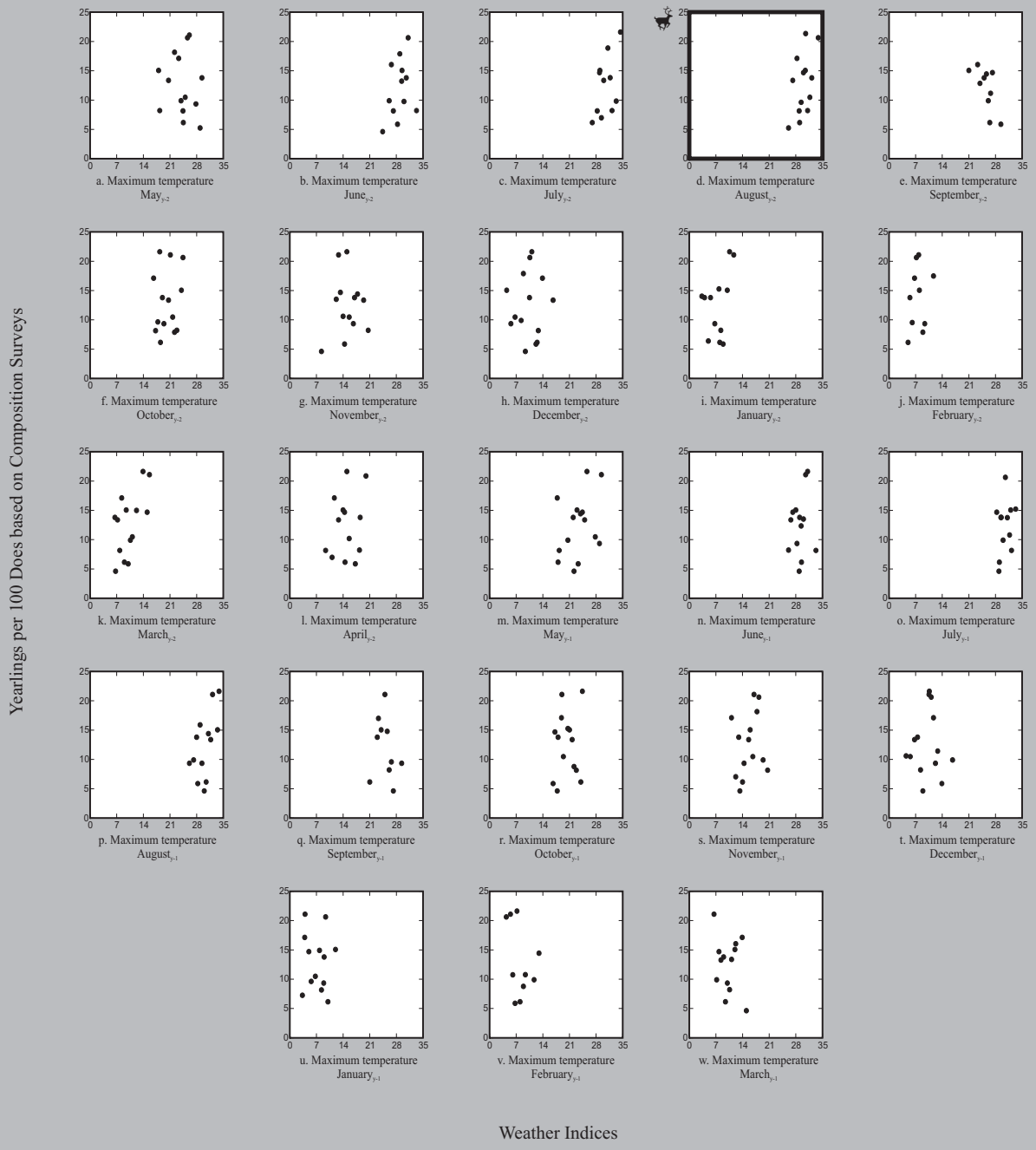


Fig. 14F-12J. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

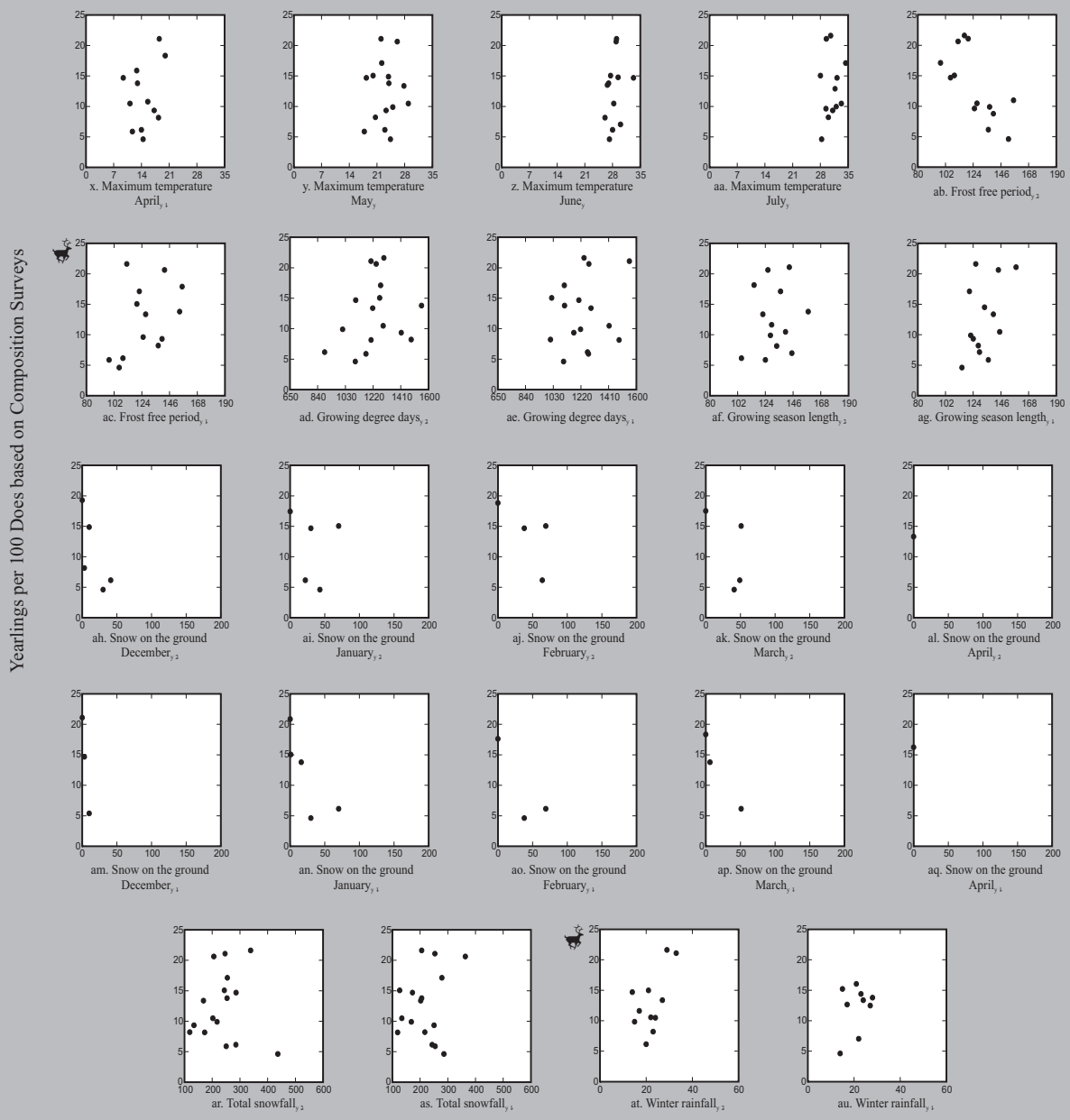


Fig. 14F-12J (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

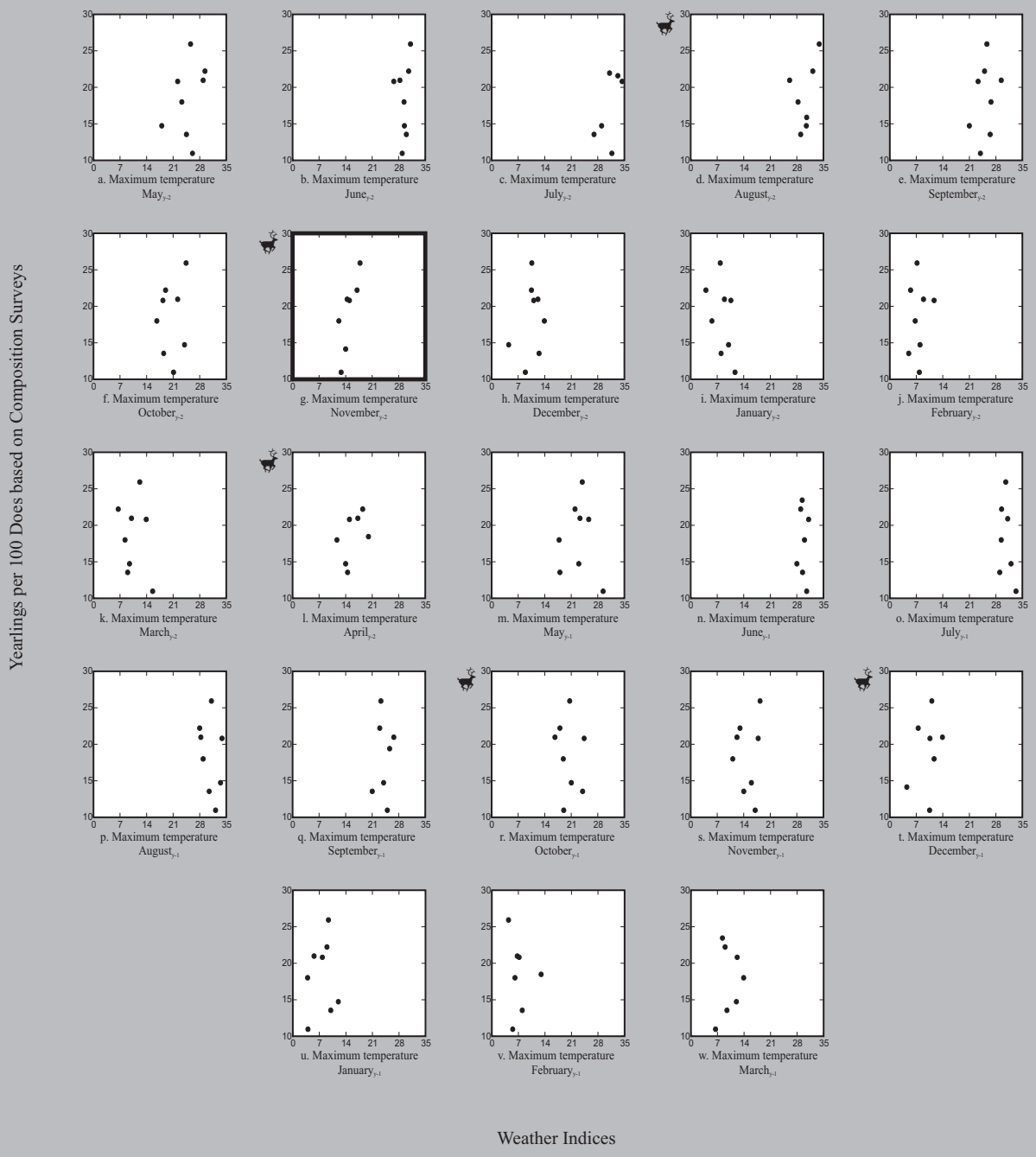


Fig. 14F-12K. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

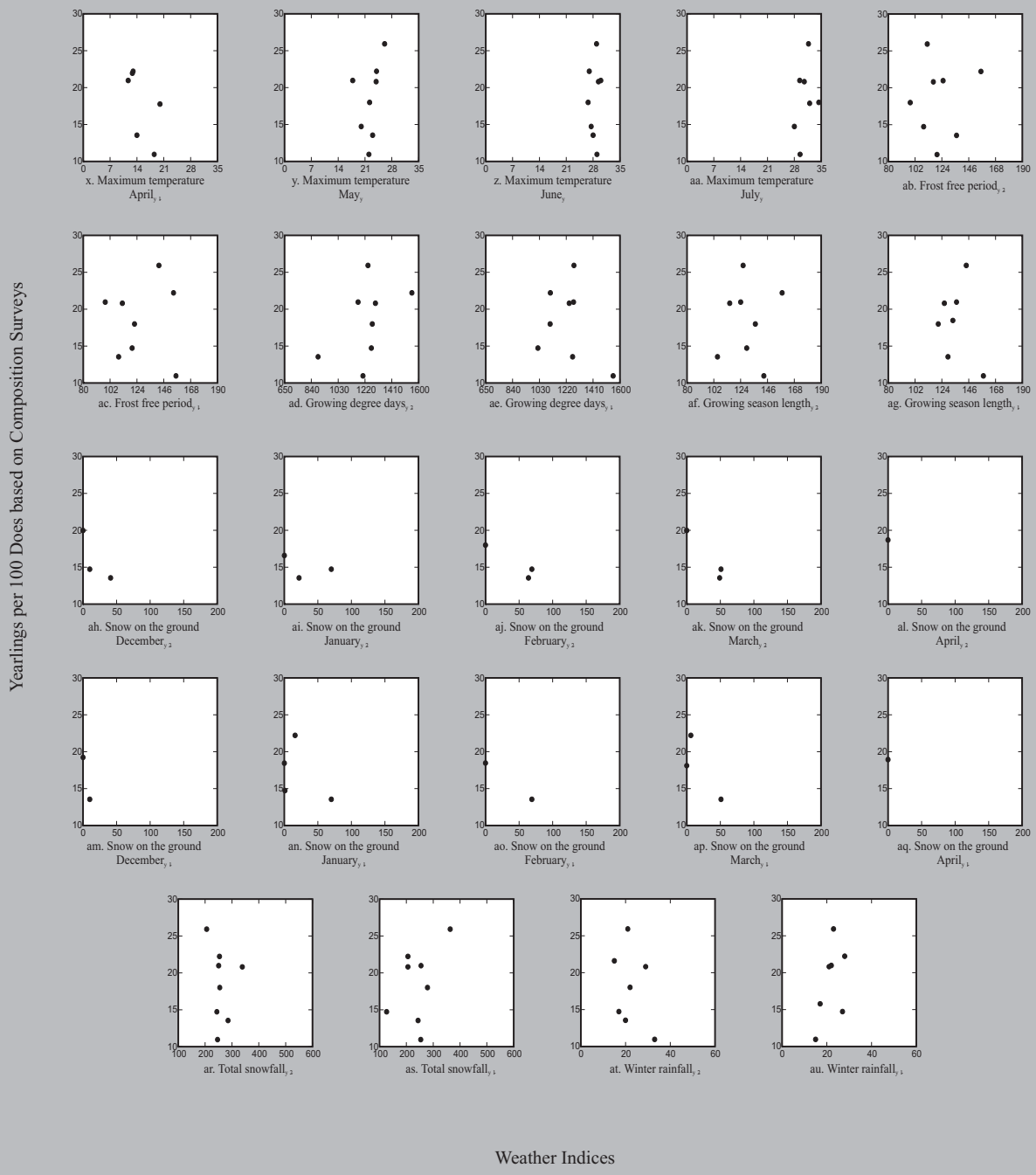


Fig. 14F-12K (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

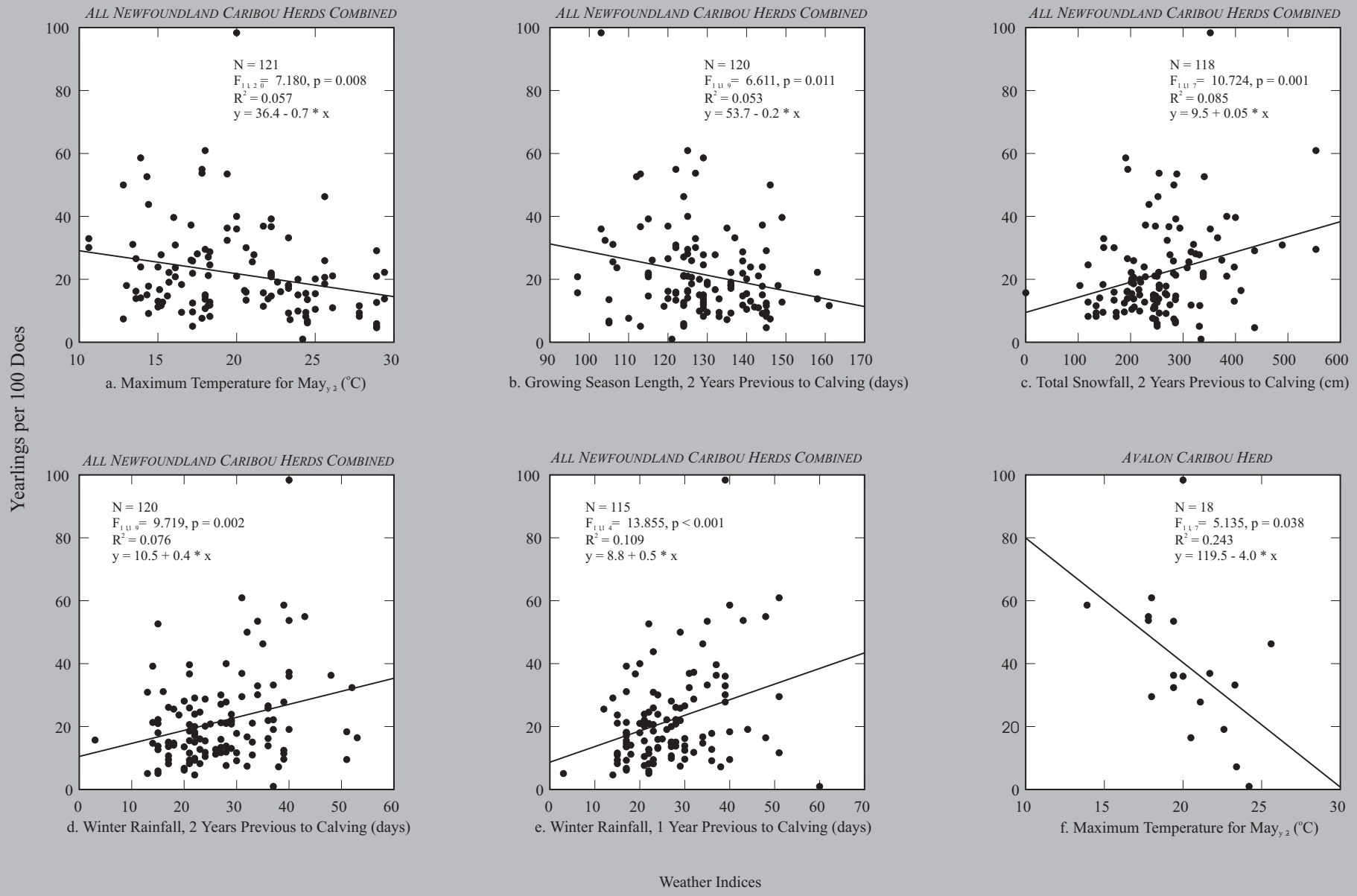


Fig. 14F-13. Simple linear regressions of Yearlings per 100 Does (Y_100D) in the spring (May - July) and weather indices as identified in Table 14F-6. Y_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

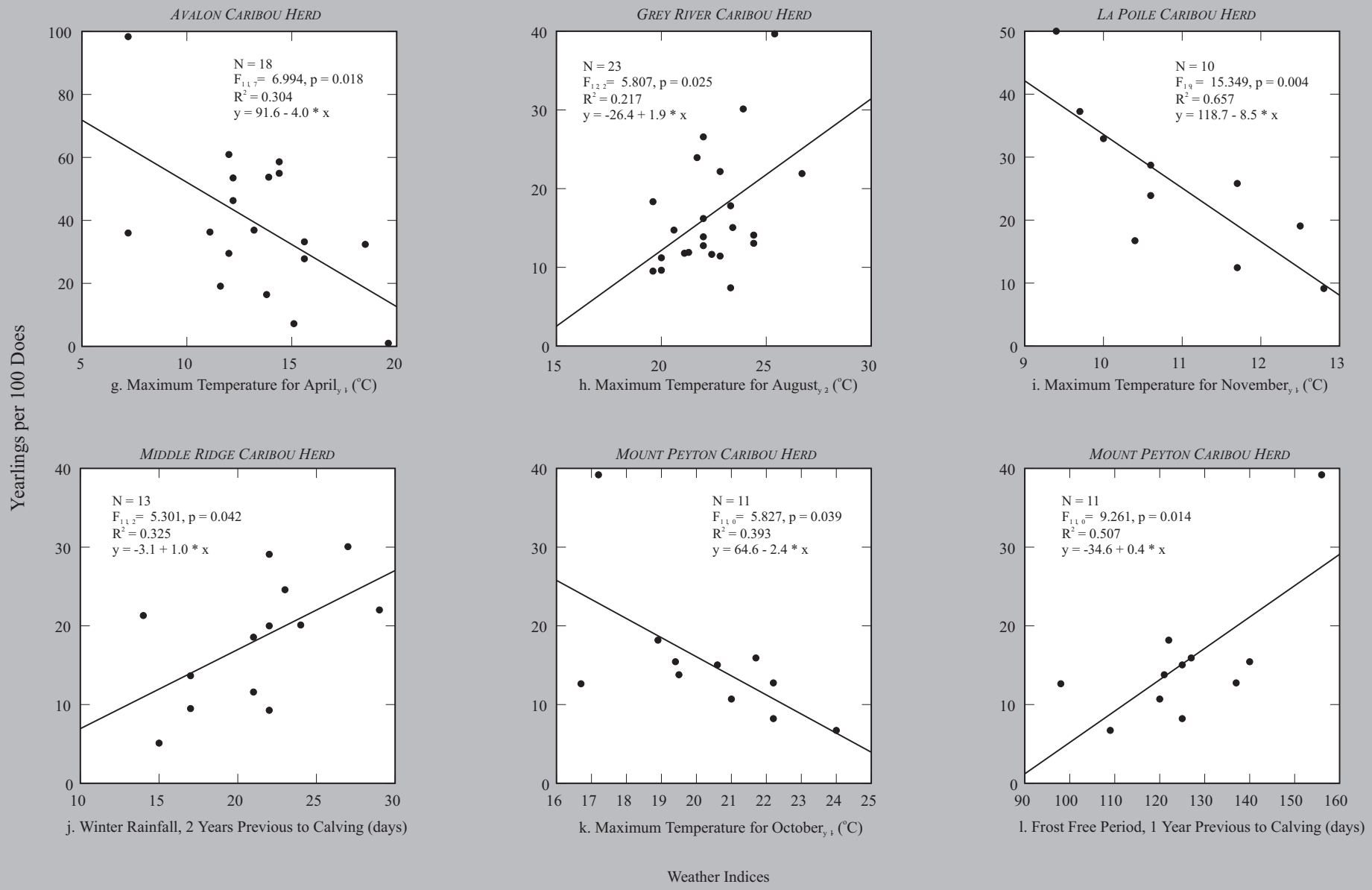


Fig. 14F-13 (con'd). Simple linear regressions of Yearlings per 100 Does (Y_100D) in the spring (May - July) and weather indices as identified in Table 14F-6. Y_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

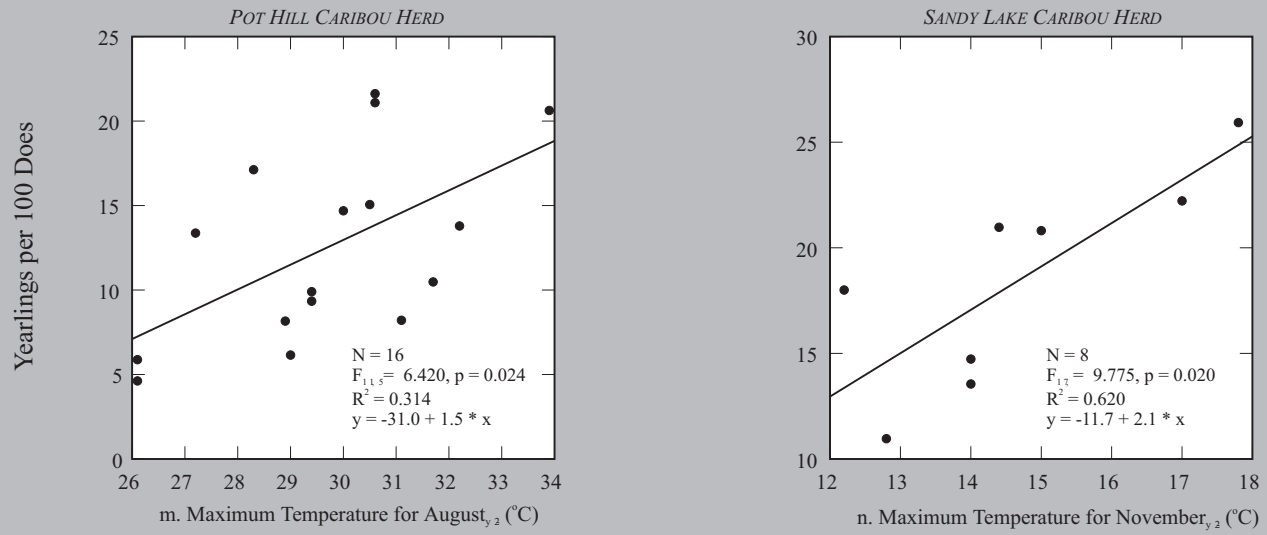


Fig. 14F-13 (con'd). Simple linear regressions of Yearlings per 100 Does (Y_100D) in the spring (May - July) and weather indices as identified in Table 14F-6. Y_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Table 14F-7. Relationship of Yearlings per 100 Does, determined from **winter** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of April of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds					
Statistics	**Avalon**	**Buchans**	**Grey River**	**Middle Ridge**	**Sandy Lake**	**All available**
Sample size (n)	6	1	2	1	1	11
Years	**1976-96**	**1974**	**1984-86**	**1979**	**1977**	**1976-96**
Weather station	St. John's	Buchans	Burgeo	Grand Falls		various
Weather Indices						
(i) Maximum monthly temperature (ºC)						
May_{y-2}						
$June_{y-2}$						
$July_{y-2}$						**S-4**
Aug_{y-2}						
$Sept._{y-2}$						n/a
$Oct._{y-2}$						
$Nov._{y-2}$						
$Dec._{y-2}$						**S-3**
$Jan._{y-2}$						
$Feb._{y-2}$						
$March_{y-2}$						
$April_{y-1}$						n/a
May_{y-1}						n/a
$June_{y-1}$						n/a
$July_{y-1}$	**S-1**					n/a
Aug_{y-1}						n/a
$Sept._{y-1}$						n/a
$Oct._{y-1}$						
$Nov._{y-1}$						
$Dec._{y-1}$						
$Jan._{y-1}$						
$Feb._{y-1}$						
$March_{y-1}$	**S-2**					
$April_{y-1}$						**S-1**
May_{y}						
$June_{y}$						
$July_{y}$						
Aug_{y}						
$Sept._{y}$						

Table 14F-7 (con'd). Relationship of Yearlings per 100 Does, determined from **winter** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of May of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds					
Statistics	**Avalon**	**Buchans**	**Grey River**	**Middle Ridge**	**Sandy Lake**	**All available**
Sample size (n)	6	1	2	1	1	11
Years	**1976-96**	**1974**	**1984-86**	**1979**	**1977**	**1976-96**
Weather station	St. John's	Buchans	Burgeo	Grand Falls		various
Weather Indices						
(i) Maximum monthly temperature (ºC) (con'd)						
$Oct._y$						
$Nov._y$						
$Dec._y$						
$Jan._y$						
$Feb._y$	**B-1**					
$March_y$						
$April_y$						
(ii) Frost free period (days)						
y-2						
y-1						n/a
y						
(iii) Growing degree days (days)						
y-2						**S-5**
y-1						n/a
y						**S-6**
(iv) Growing season length (days)						
y-2						
y-1						
y	**B-2**					**S-2**
(v) Snow depth (cm) on the ground on the last day of the month						
$Dec._{y-2}$	n/a					n/a
$Jan._{y-2}$	n/a					n/a
$Feb._{y-2}$						n/a
$March_{y-2}$						n/a
$April_{y-2}$	n/a					n/a
$Dec._{y-1}$	n/a					n/a
$Jan._{y-1}$	n/a					n/a
$Feb._{y-1}$	n/a					n/a
$March_{y-1}$	n/a					n/a

Table 14F-7 (con'd). Relationship of Yearlings per 100 Does, determined from **winter** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of May of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds					
Statistics	**Avalon**	**Buchans**	**Grey River**	**Middle Ridge**	**Sandy Lake**	**All available**
Sample size (n)	6	1	2	1	1	11
Years	**1976-96**	**1974**	**1984-86**	**1979**	**1977**	**1976-96**
Weather station	St. John's	Buchans	Burgeo	Grand Falls		various
Weather Indices						
(v) Snow depth (cm) on the ground on the last day of the month (con'd)						
$April_{y-1}$	n/a					n/a
$Dec._{y}$	n/a					n/a
$Jan._{y}$	n/a					n/a
$Feb._{y}$	n/a					n/a
$March_{y}$	n/a					n/a
$April_{y}$	n/a					n/a
(vi) Total snowfall (cm)						
y-2						
y-1						
y						
(vii) Winter rainfall (days)						
y-2						**R**
y-1						
y						

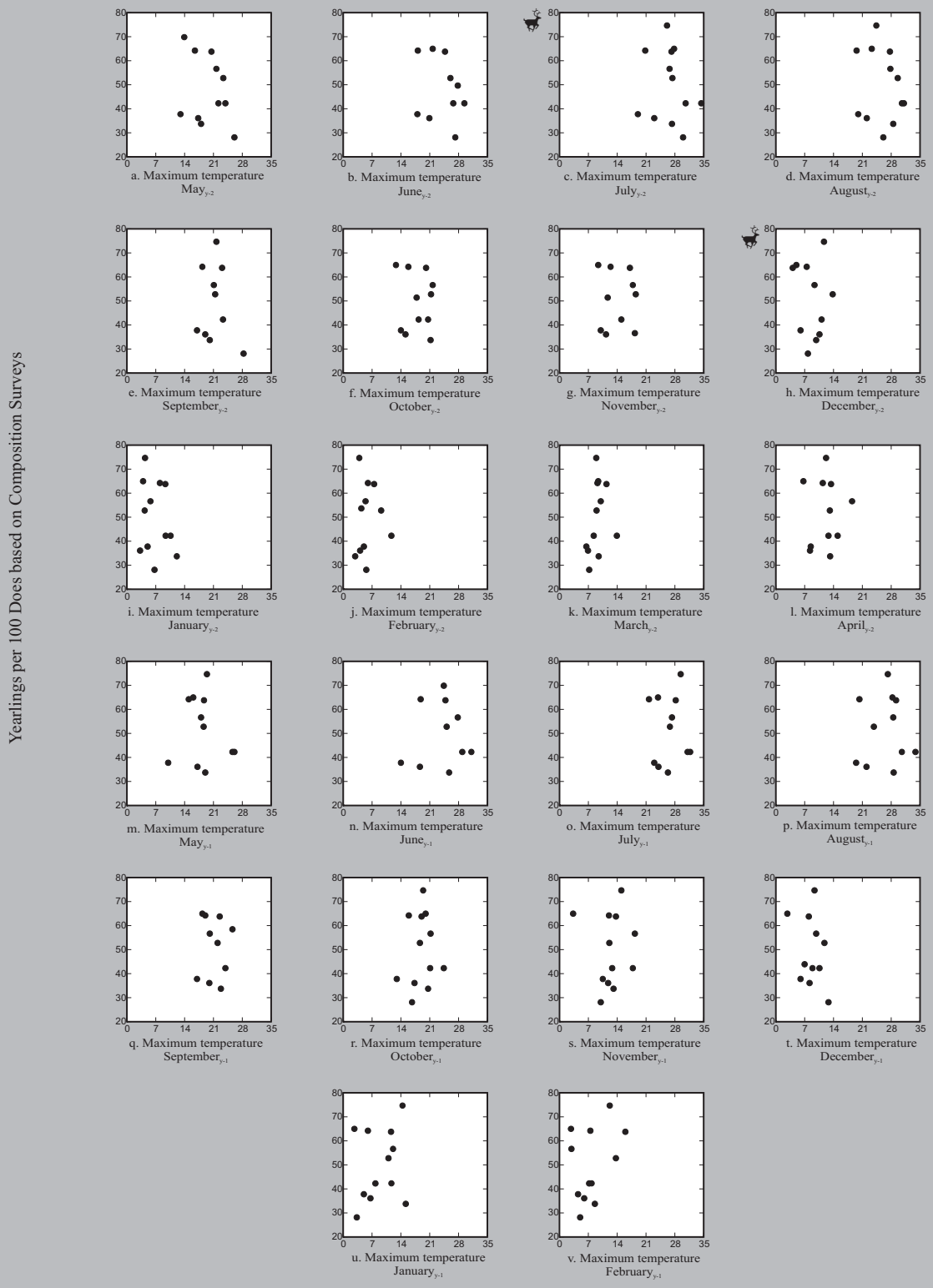


Fig. 14F-14A. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from overwinter (January to May) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

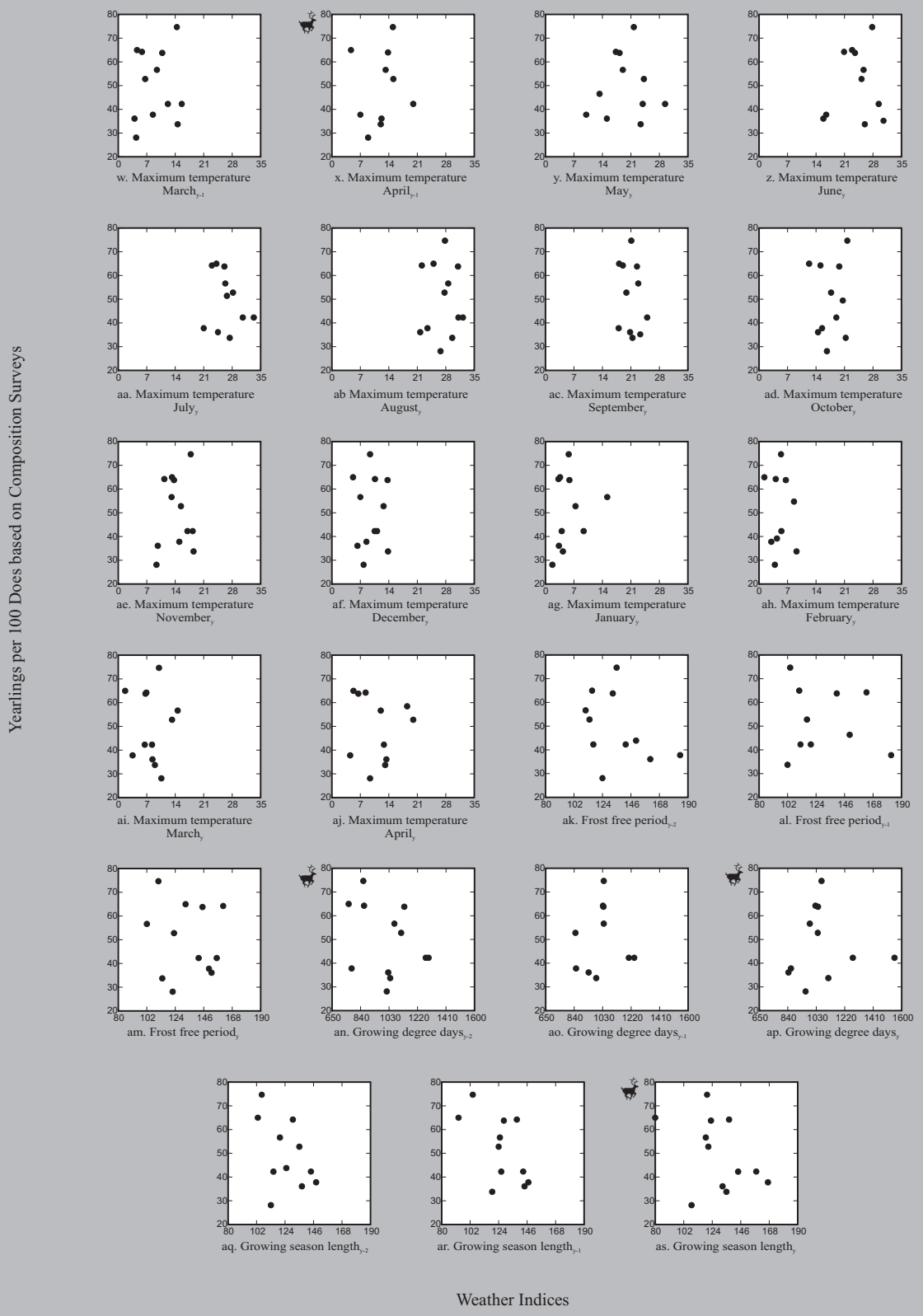


Fig. 14F-14A (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from overwinter (January to May) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

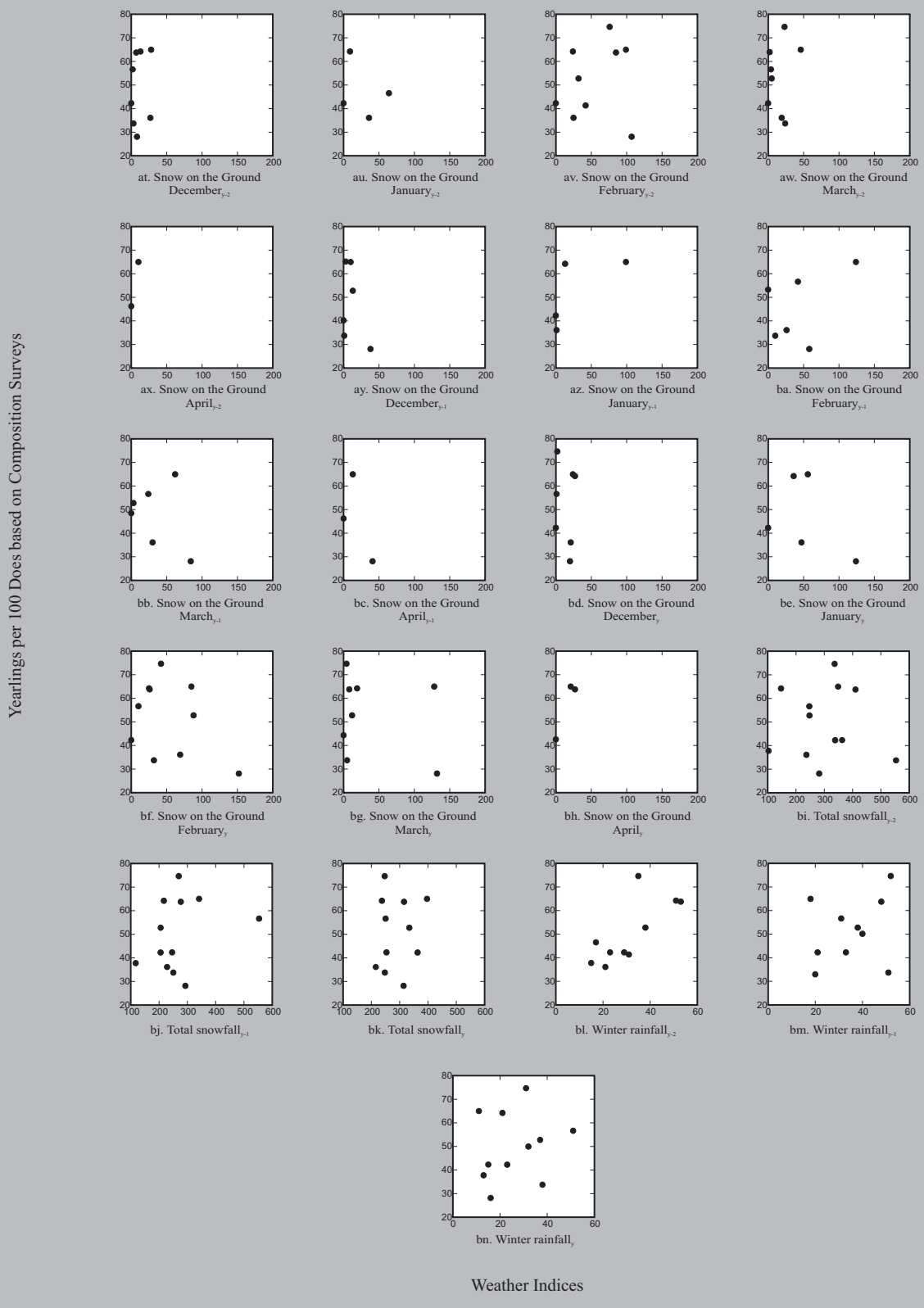


Fig. 14F-14A (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from overwinter (January to May) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

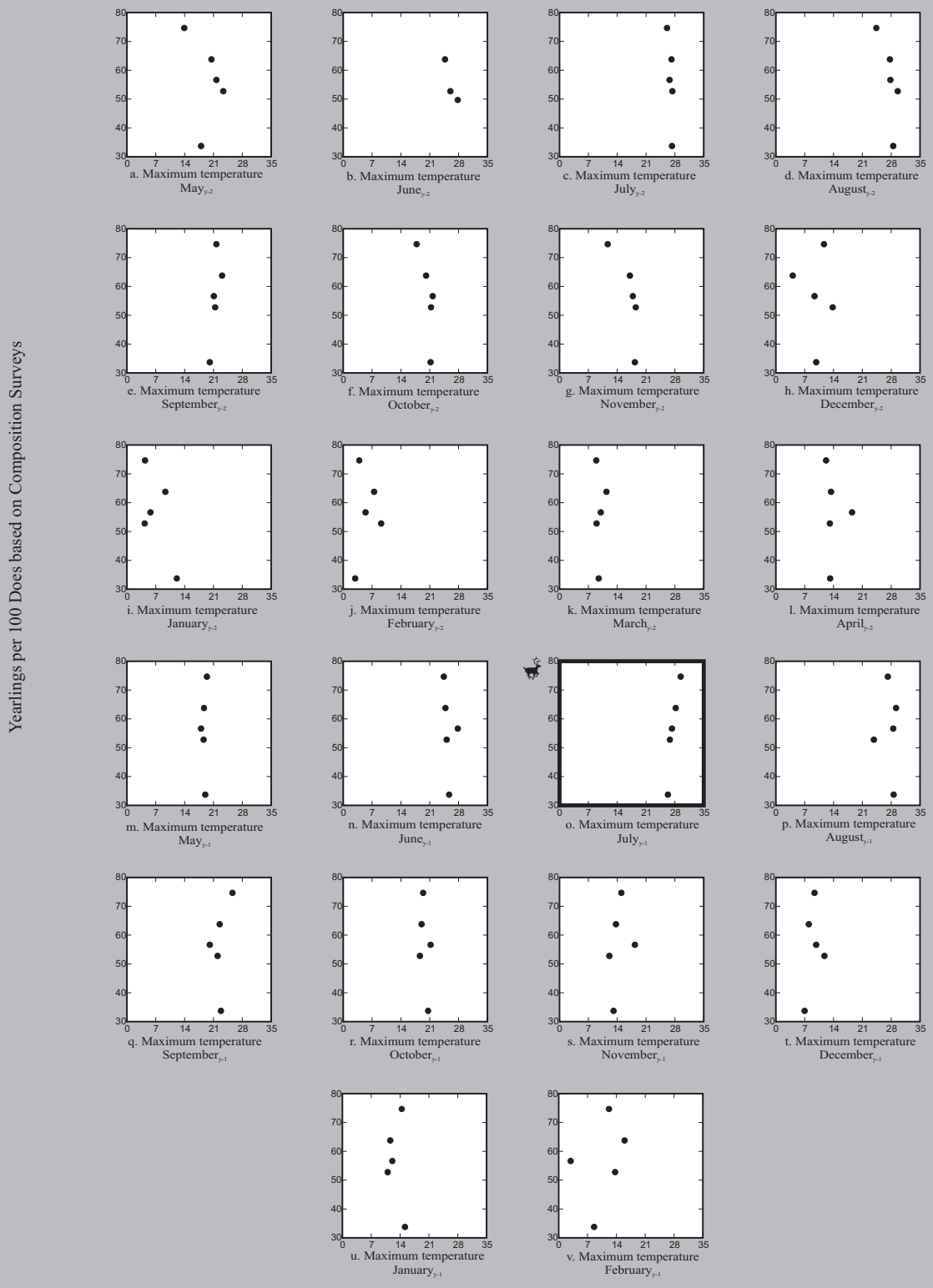


Fig. 14F-14B. Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from overwinter (January to May) Composition Surveys for the Avalon Caribou Herd combined; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

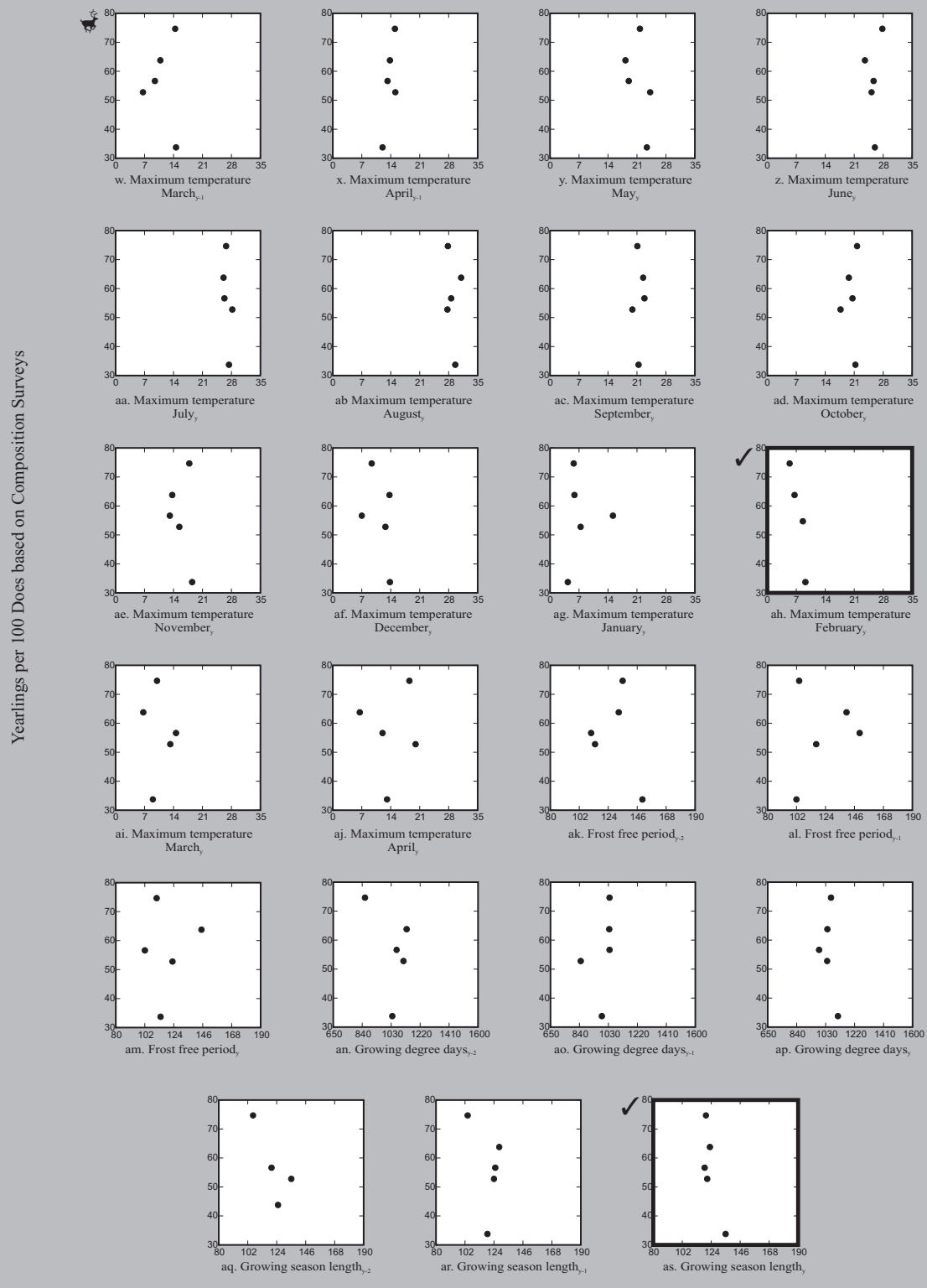


Fig. 14F-14B (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from overwinter (January to May) Composition Surveys for the Avalon Caribou Herd combined; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

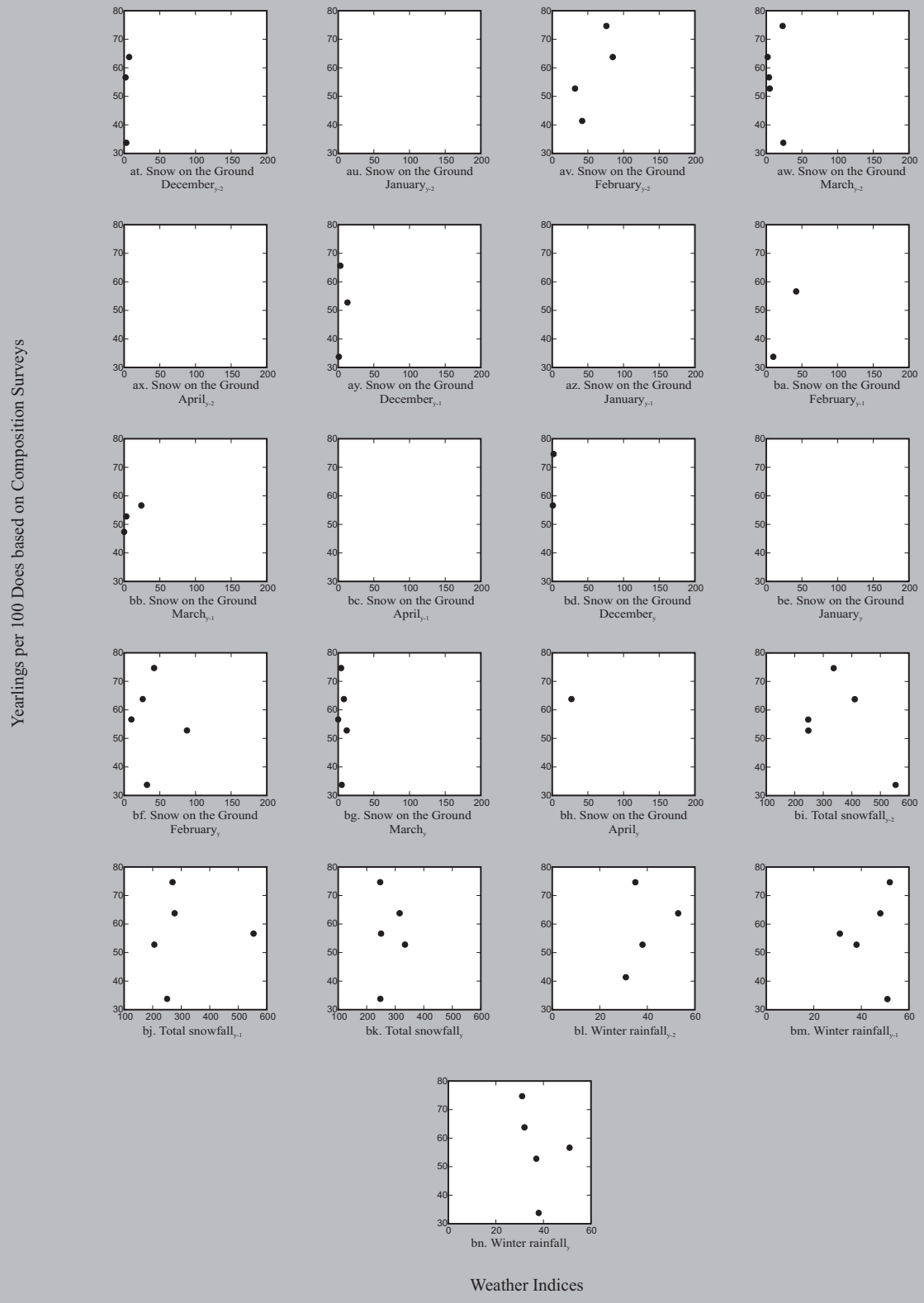


Fig. 14F-14B (con'd). Statistical comparison of weather indices and Yearlings per 100 Does (Y-100D) from overwinter (January to May) Composition Surveys for the Avalon Caribou Herd combined; where 🦌 indicates a significant relationship between Y-100D and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

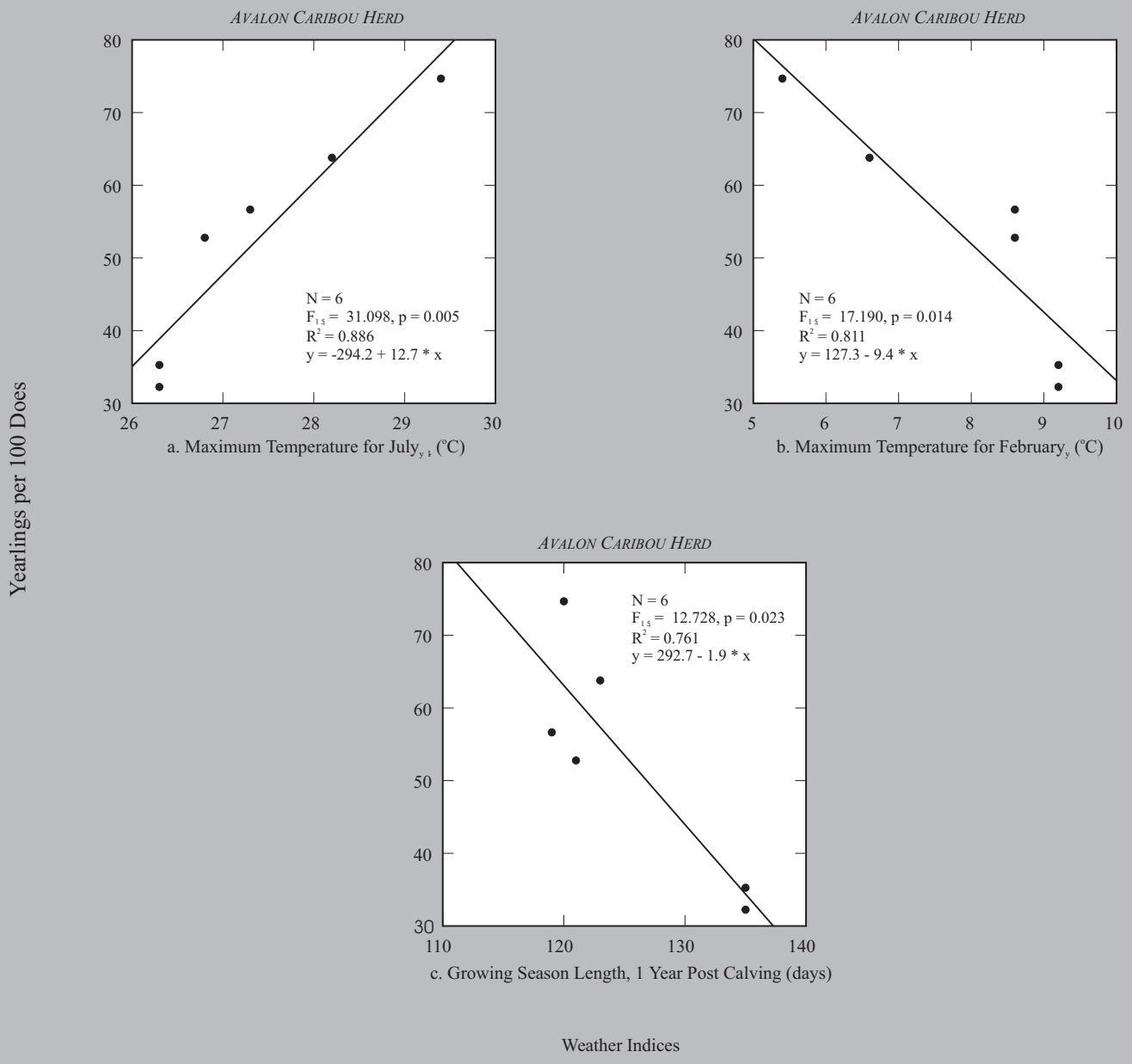


Fig. 14F-15. Simple linear regressions of Yearlings per 100 Does (Y_100D) in the winter (January - May) and weather indices as identified in Table 14F-7. Y_100D is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Table 14F-8. Relationship of Percent Yearlings, determined from **spring** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds									
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	18	6	22	5*	10	13	11	16	8	109
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls				
Weather Indices										
(i) Maximum monthly temperature (ºC)										
May_{y-2}	**S-2**						**S-3**			
$June_{y-2}$		**S-2**					**S-8**			
$July_{y-2}$					**S-4**				**S-4**	
$Aug._{y-2}$	**S-3**		**S-2**					**S-1**		
$Sept._{y-2}$										
$Oct._{y-2}$						**S-6**				
$Nov._{y-2}$			**S-6**						**S-1**	**S-4**
$Dec._{y-2}$					**S-6**				**S-3**	
$Jan._{y-2}$							**S-2**			
$Feb._{y-2}$			**S-1**			n/a		n/a		n/a
$March_{y-2}$						n/a	n/a	n/a		n/a
$April_{y-2}$					**S-5**					
May_{y-1}	**S-4**									
$June_{y-1}$			**S-3**				**S-5**			
$July_{y-1}$			**S-5**		**S-3**	**S-4**	**S-7**			
$Aug._{y-1}$						**S-5**	**S-4**			
$Sept._{y-1}$			**S-4**							
$Oct._{y-1}$							**S-1**			
$Nov._{y-1}$					**S-1**					
$Dec._{y-1}$										
$Jan._{y-1}$		**S-3**				**S-7**				**S-6**
$Feb._{y-1}$						n/a	n/a	n/a		n/a
$March_{y-1}$						n/a		n/a		n/a
$April_{y-1}$	**S-1**	n/a								n/a
May_{y}		n/a								n/a
$June_{y}$		n/a								n/a
$July_{y}$		n/a		n/a		**S-1**				n/a

Table 14F-8 (con'd). Relationship of Percent Yearlings, determined from **spring** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of July of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds									
Statistics	**Avalon**	**Buchans**	**Grey River**	**Gros Morne**	**La Poile**	**Middle Ridge**	**Mount Peyton**	**Pot Hill**	**Sandy Lake**	**All herds combined**
Sample size (n)	18	6	22	5*	10	13	11	16	8	109
Years	**1967-96**	**1967-91**	**1966-96**	**1976-97**	**1969-96**	**1966-96**	**1966-96**	**1966-96**	**1974-96**	**1966-96**
Weather station	St. John's	Buchans	Burgeo	Daniel's Harbour	Burgeo	Grand Falls				
Weather Indices										
(ii) Frost free period (days)										
y-2								**S-1**	**S-2**	
y-1						**S-3**				**S-2**
(iii) Growing degree days (days)										
y-2										
y-1						**S-8**			**S-5**	
(iv) Growing season length (days)										
y-2						**S-9**				**S-3**
y-1										
(v) Snow depth (cm) on the ground on the last day of the month										
$Dec._{y-2}$	n/a					n/a	n/a	n/a	n/a	n/a
$Jan._{y-2}$	n/a		n/a		**S-2**	n/a	n/a	n/a	n/a	n/a
$Feb._{y-2}$	n/a		n/a		n/a	n/a	n/a	n/a	n/a	n/a
$March_{y-2}$	n/a	n/a				n/a	n/a	n/a	n/a	n/a
$April_{y-2}$	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
$Dec._{y-1}$	n/a	**S-1**	n/a	n/a		n/a	n/a	n/a	n/a	n/a
$Jan._{y-1}$	n/a			n/a		n/a	n/a	n/a	n/a	n/a
$Feb._{y-1}$	n/a		n/a	n/a		n/a	n/a	n/a	n/a	n/a
$March_{y-1}$	n/a	n/a		n/a	**S-7**	n/a	n/a	n/a	n/a	n/a
$April_{y-1}$	n/a	n/a	n/a	n/a		n/a	n/a	n/a	n/a	n/a
(vi) Total snowfall (cm)										
y-2							**S-6**			**S-1**
y-1				n/a		**S-7**				n/a
(vii) Winter rainfall (days)										
y-2						**S-2**		**S-3**		
y-1										**S-5**

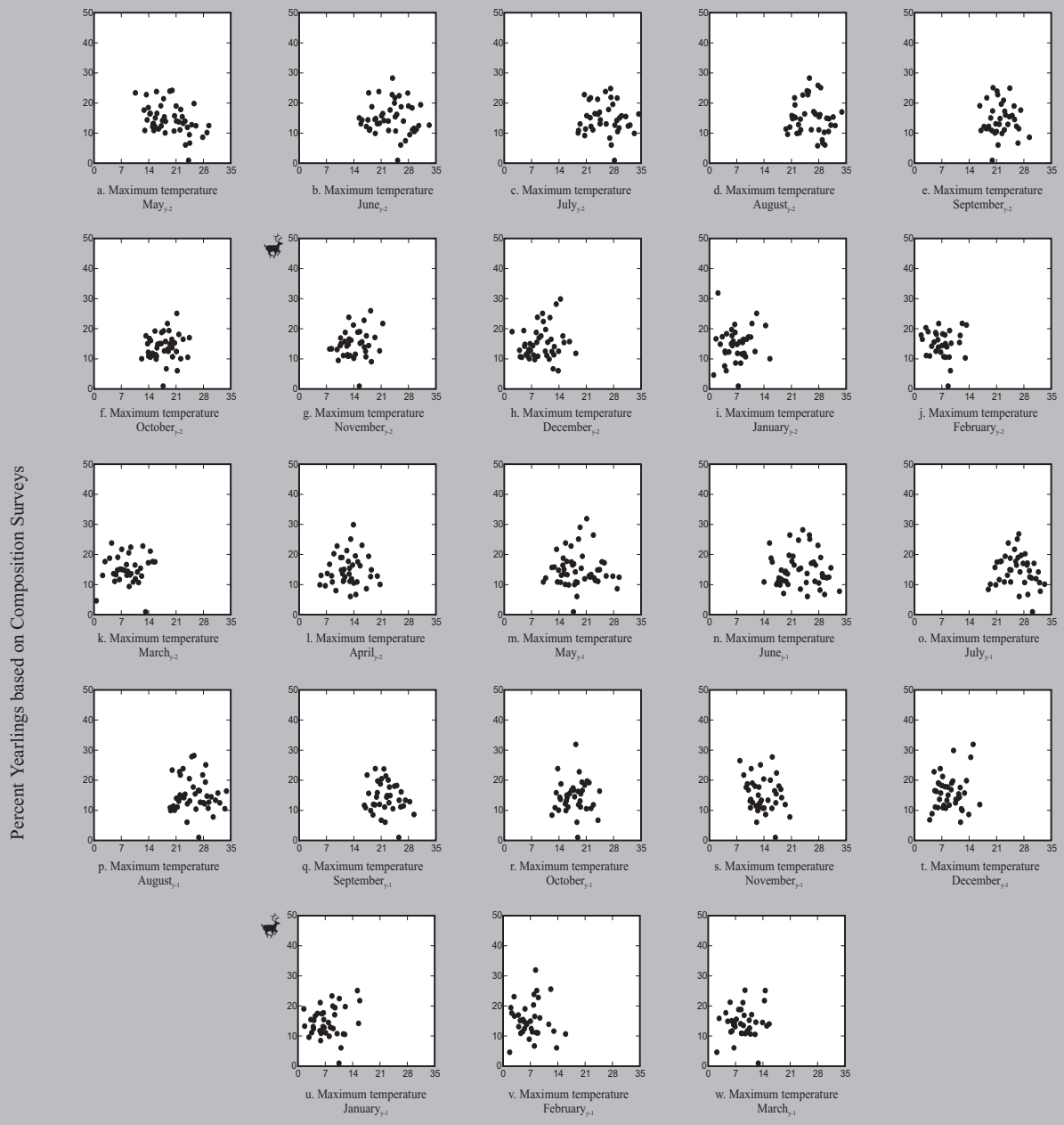


Fig. 14F-16A. Statistical comparison of weather indices to Percent Yearlings from spring (May to July) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

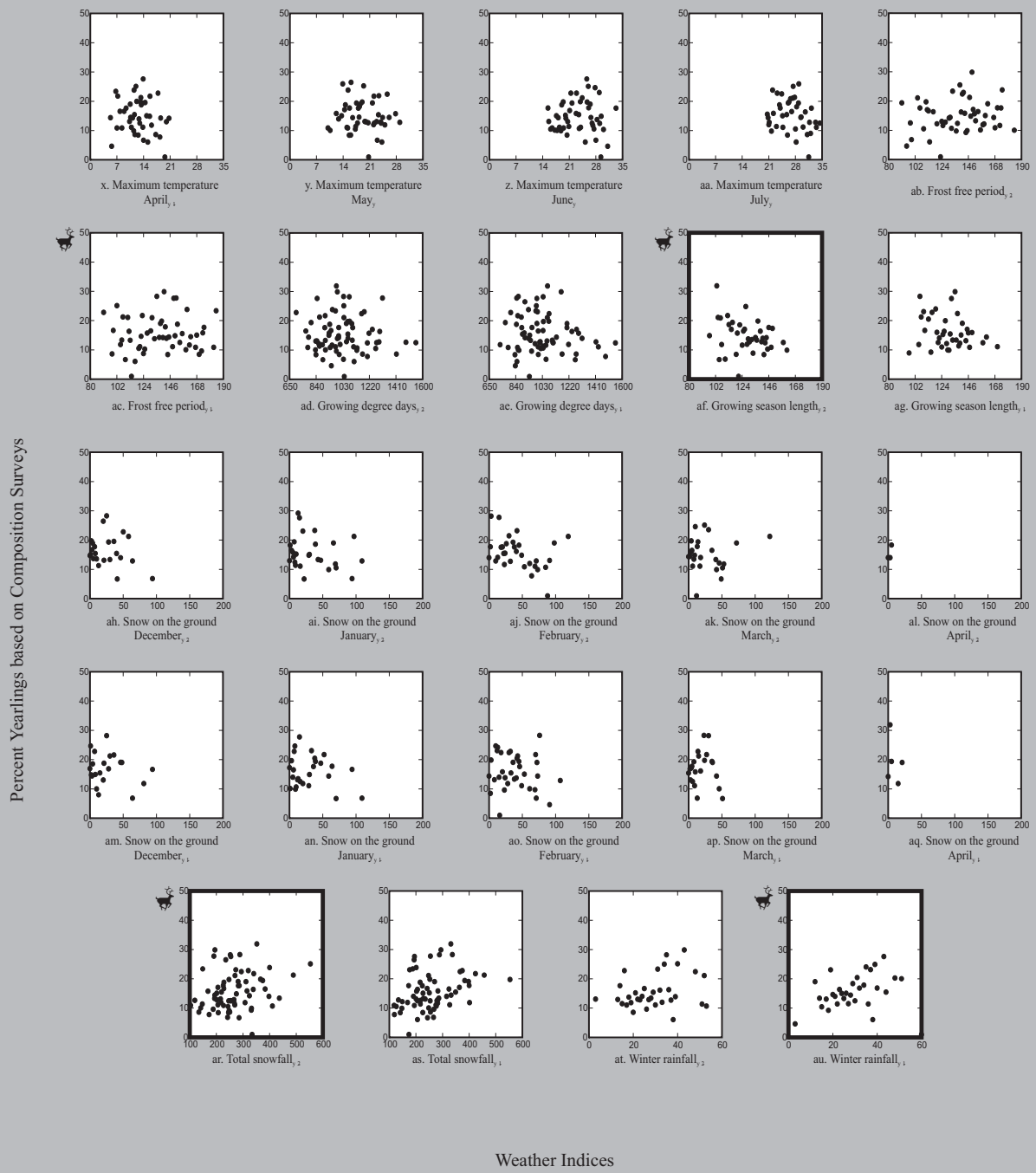


Fig. 14F-16A (con'd). Statistical comparison of weather indices to Percent Yearlings from spring (May to July) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

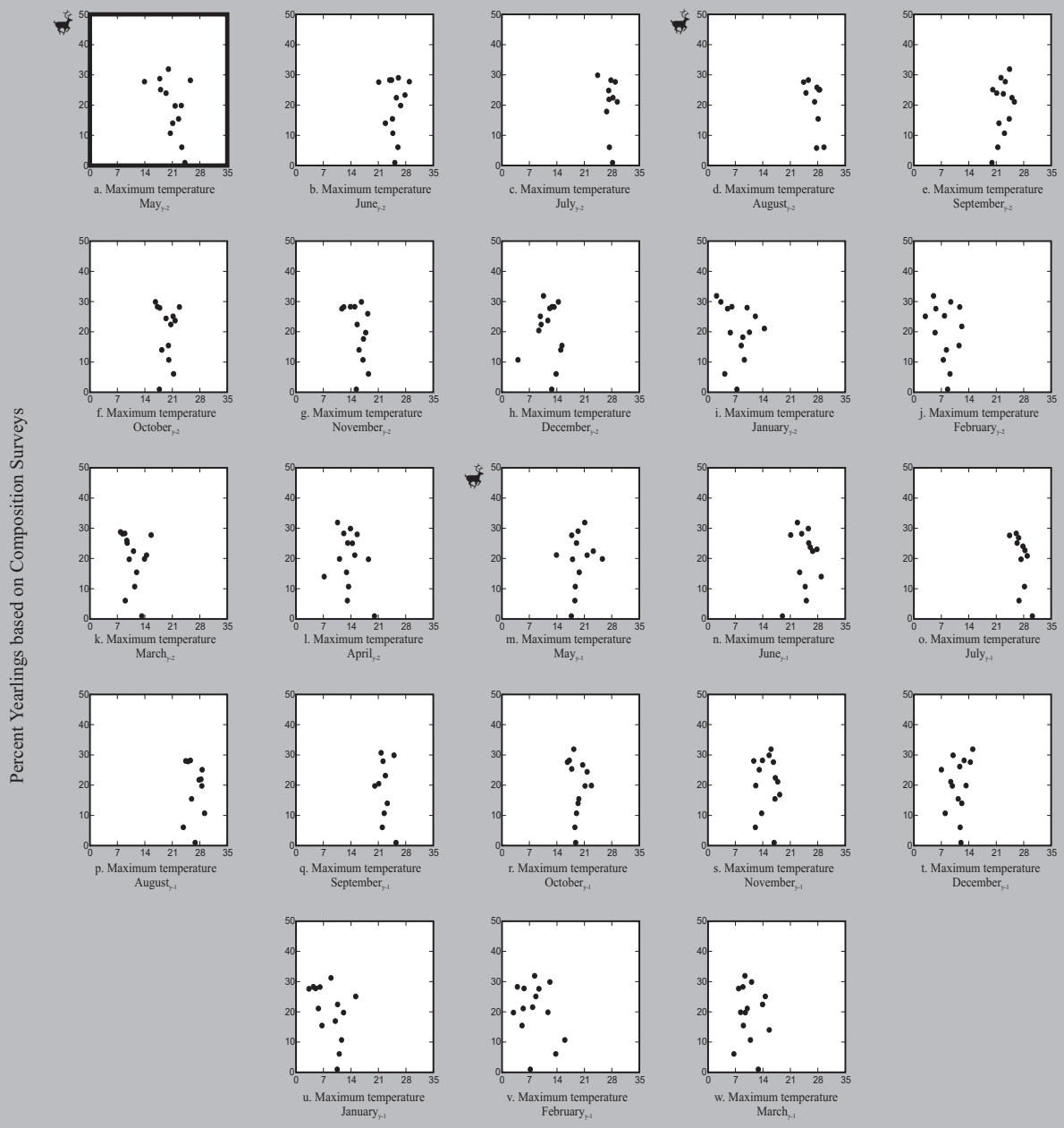


Fig. 14F-16B. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for allvariables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

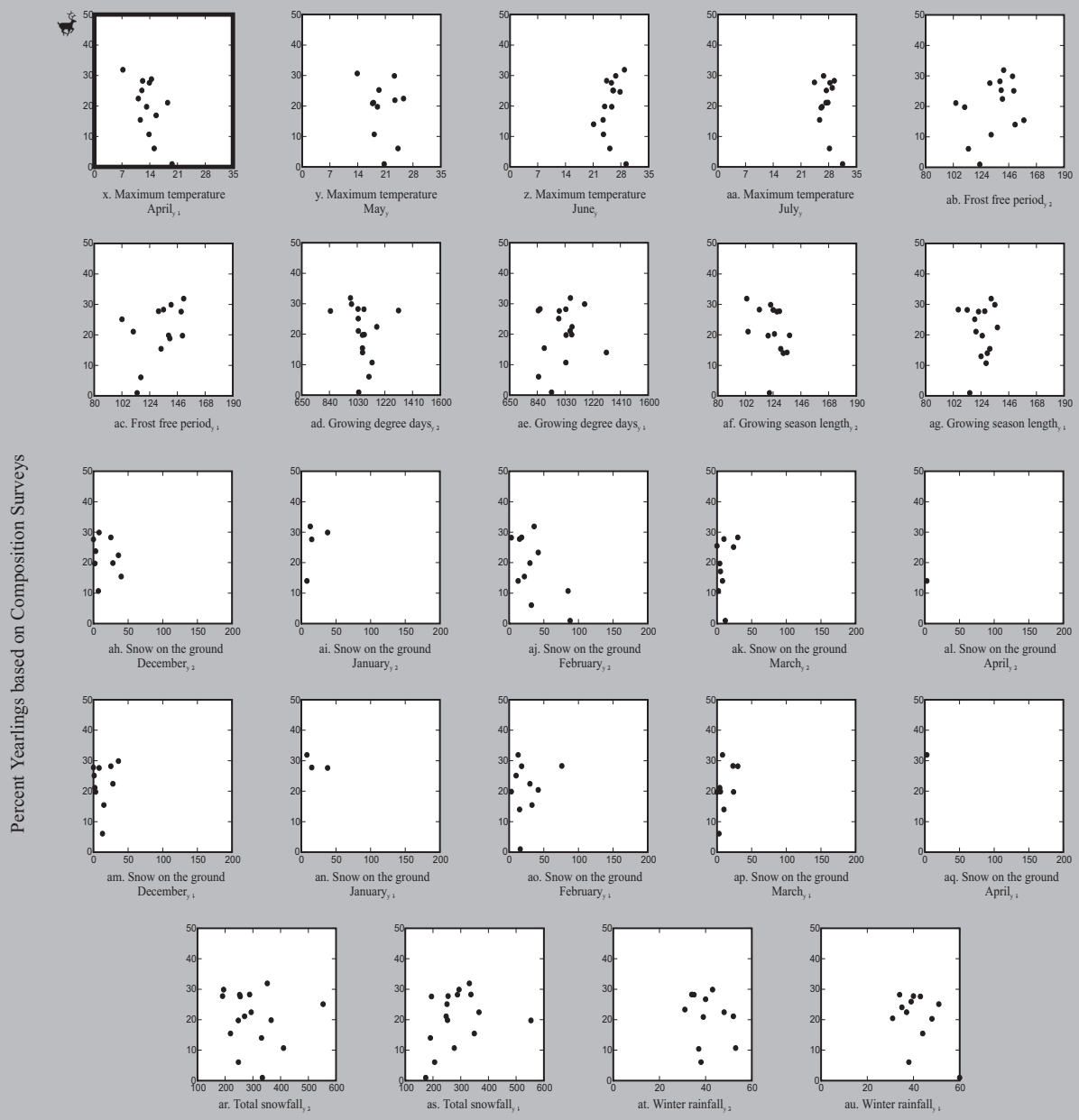


Fig. 14F-16B (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Avalon Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

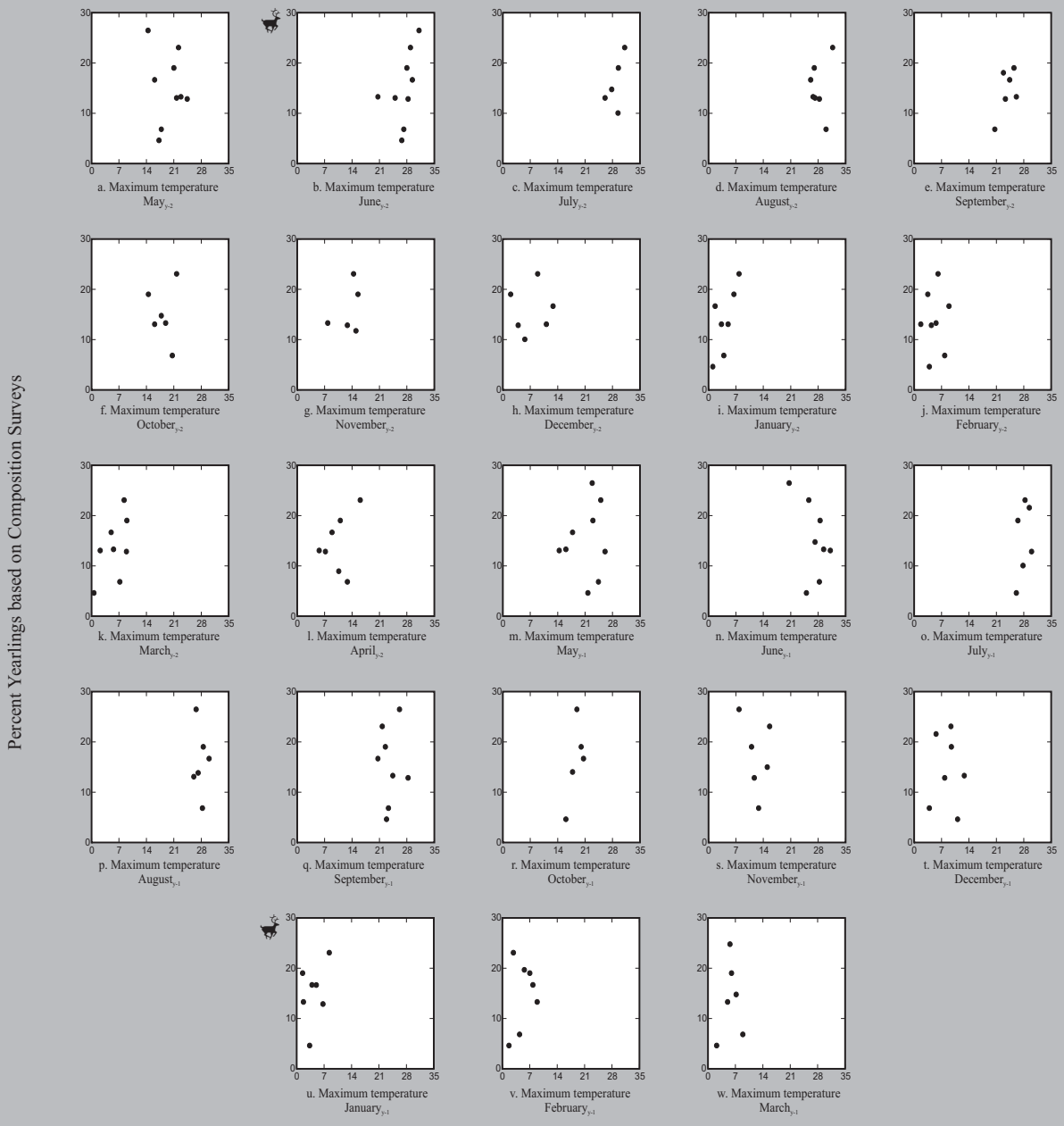


Fig. 14F-16C. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □ , a significant relationship in the simple linear regression analysis.

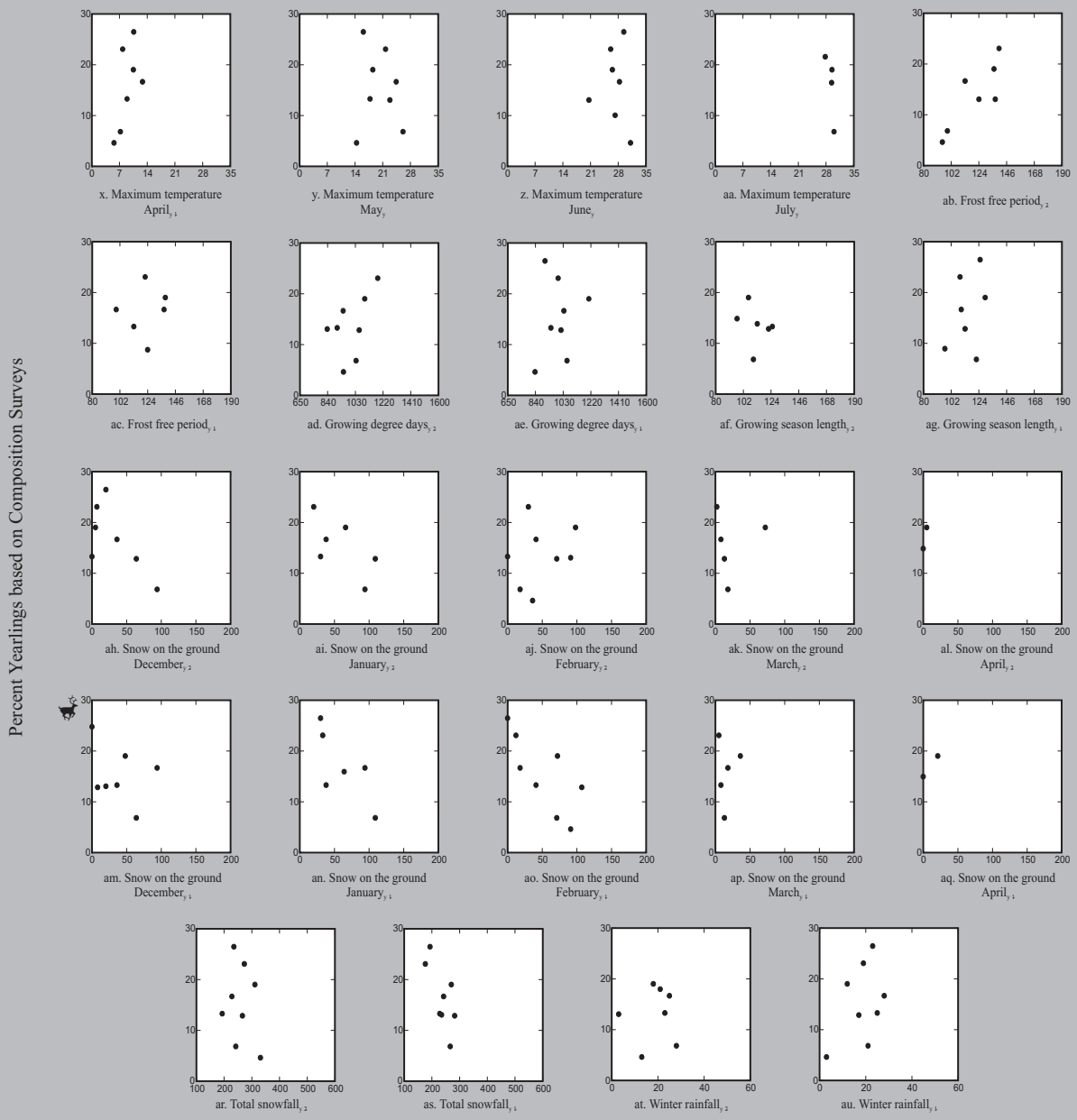


Fig. 14F-16C (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Buchans Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

Fig. 14F-16D. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

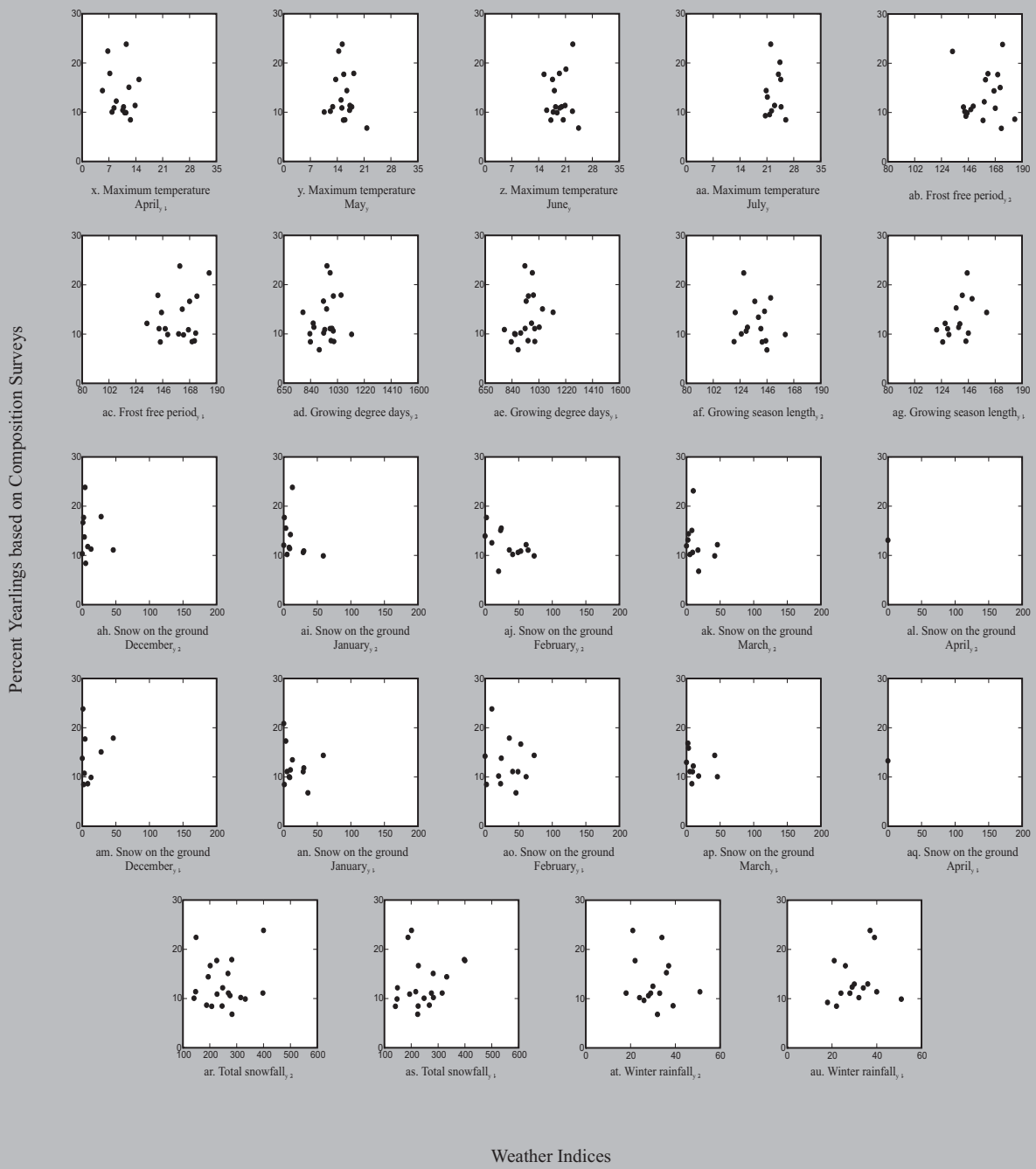


Fig. 14F-16D (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Grey River Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

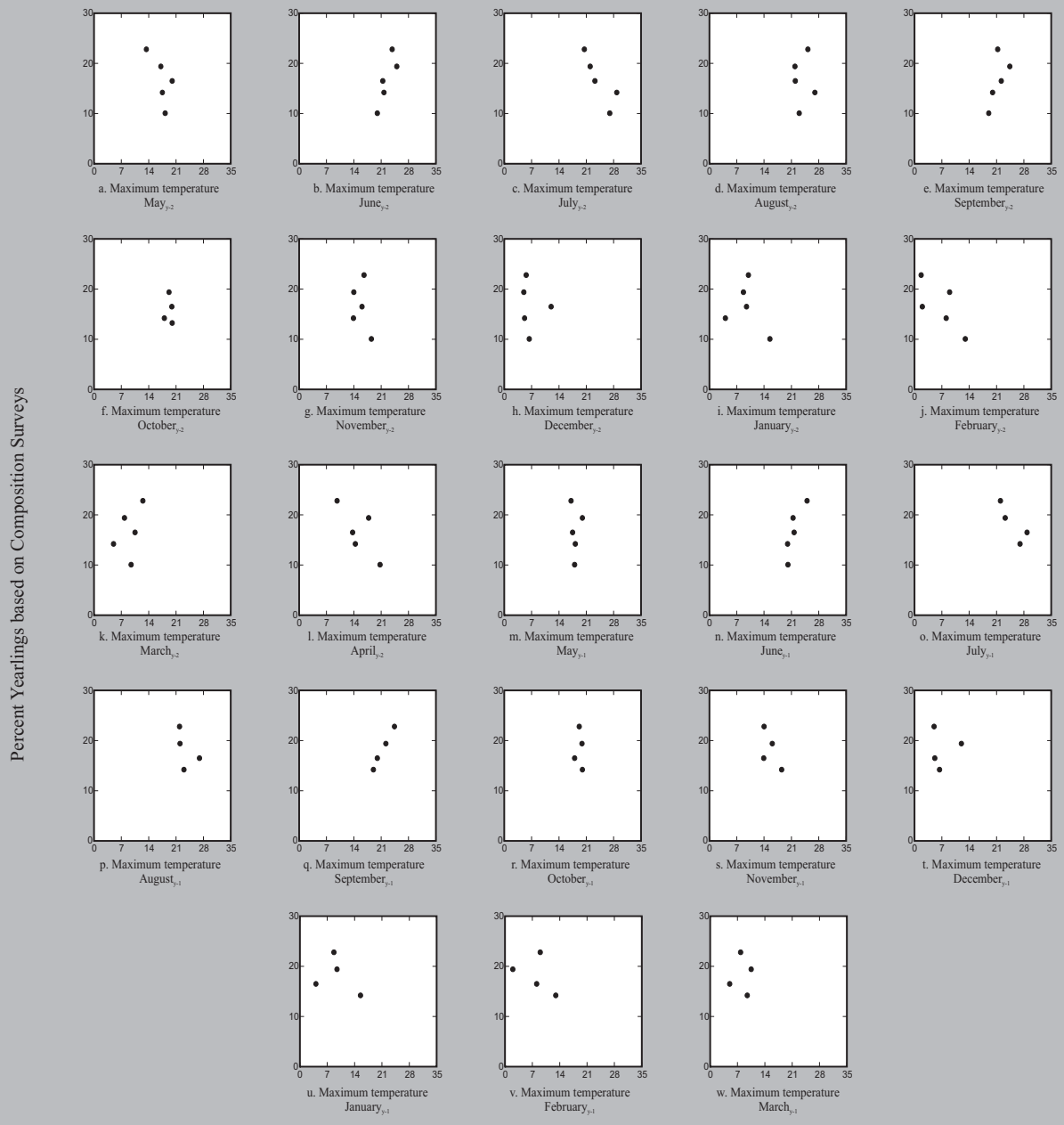


Fig. 14F-16E. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

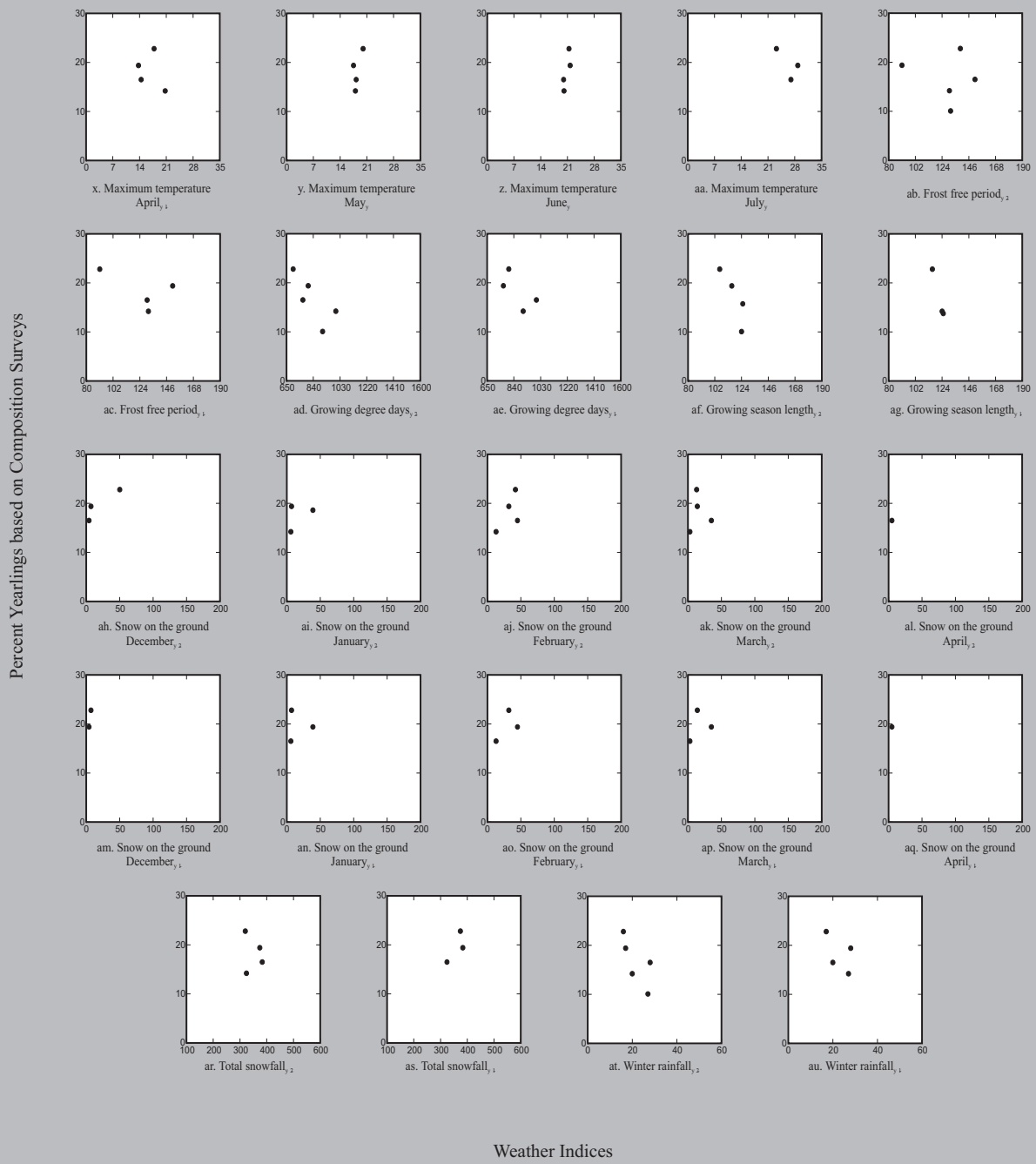


Fig. 14F-16E (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Gros Morne Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

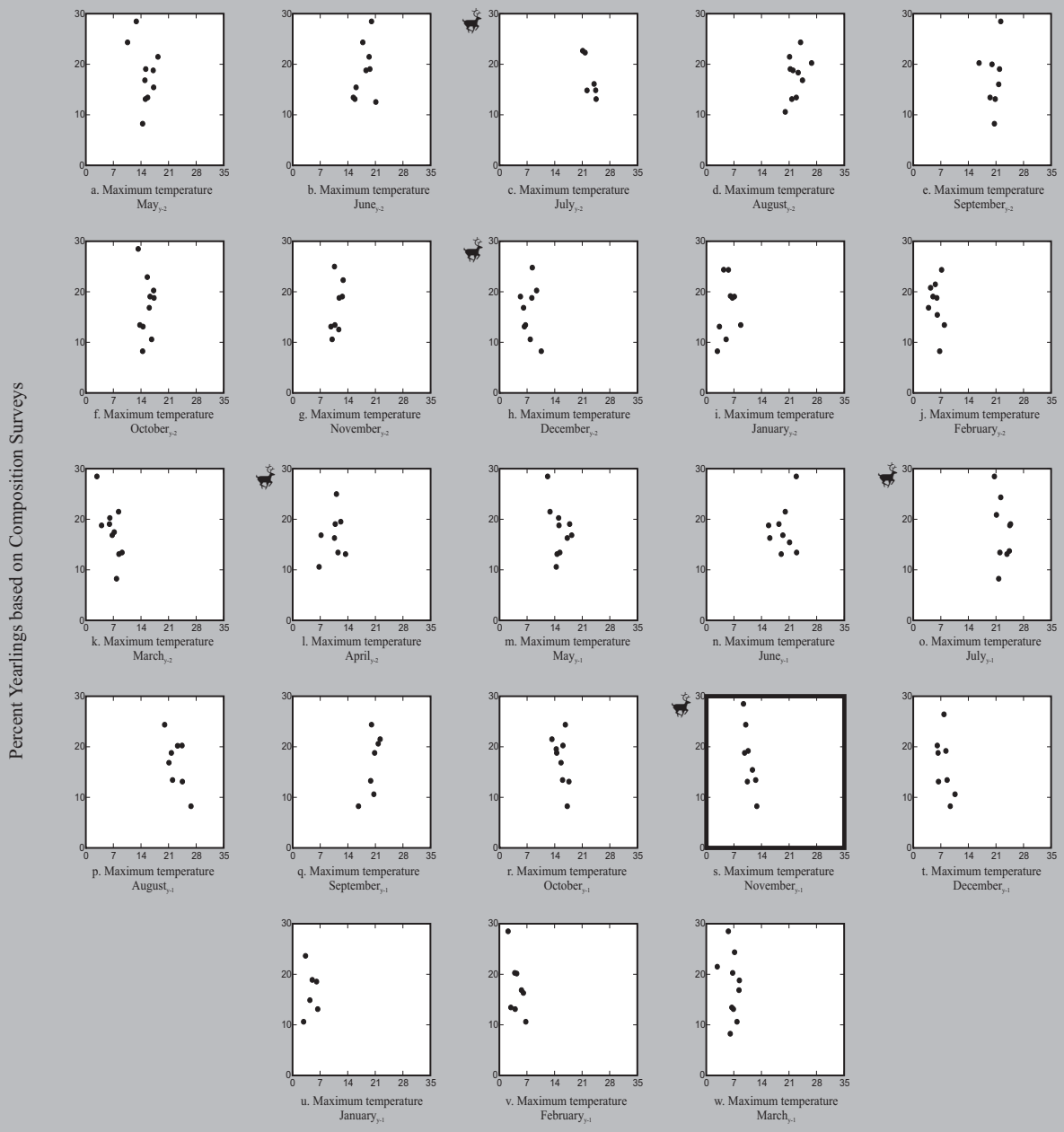


Fig. 14F-16F. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

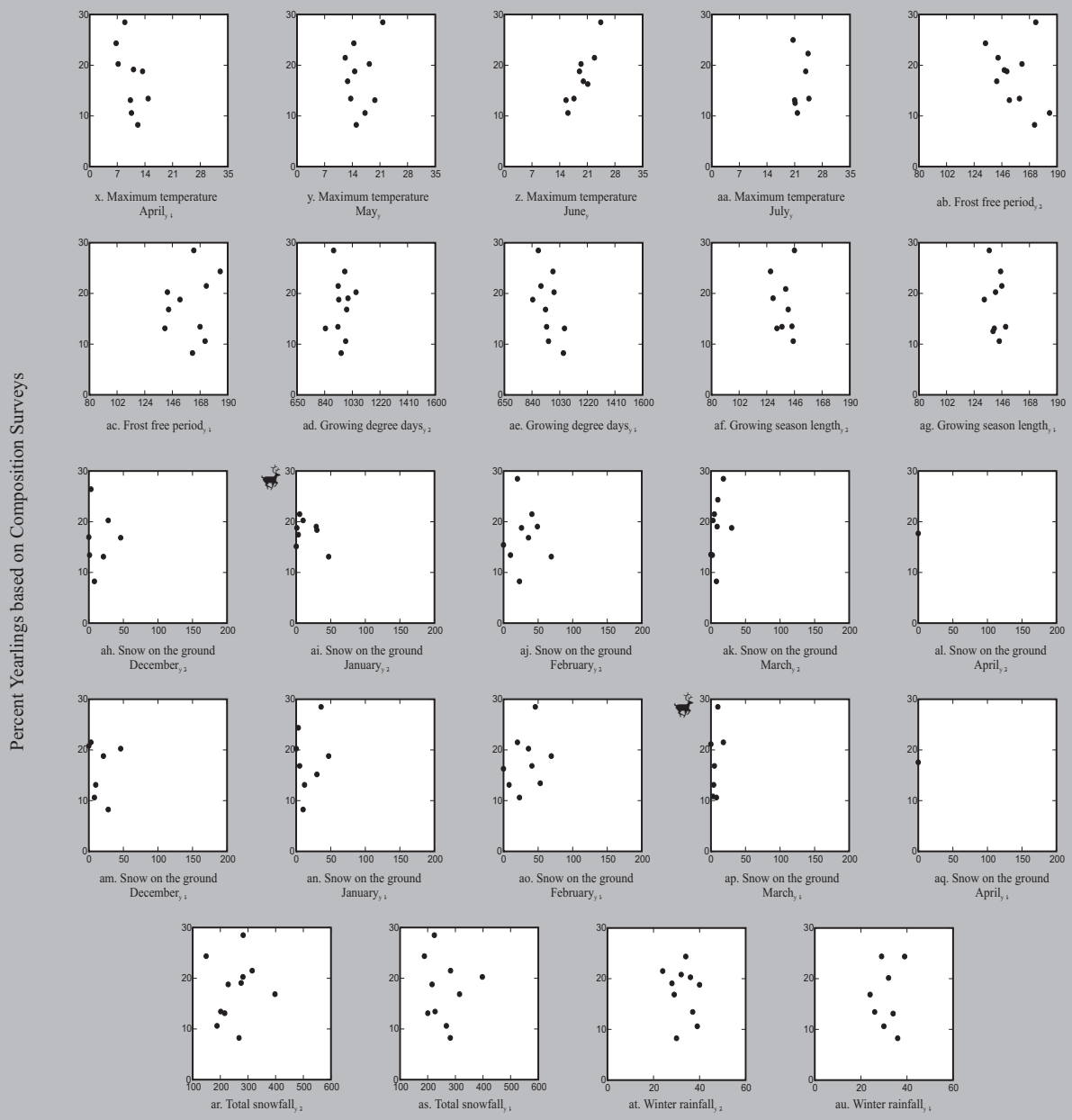


Fig. 14F-16F (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the La Poile Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

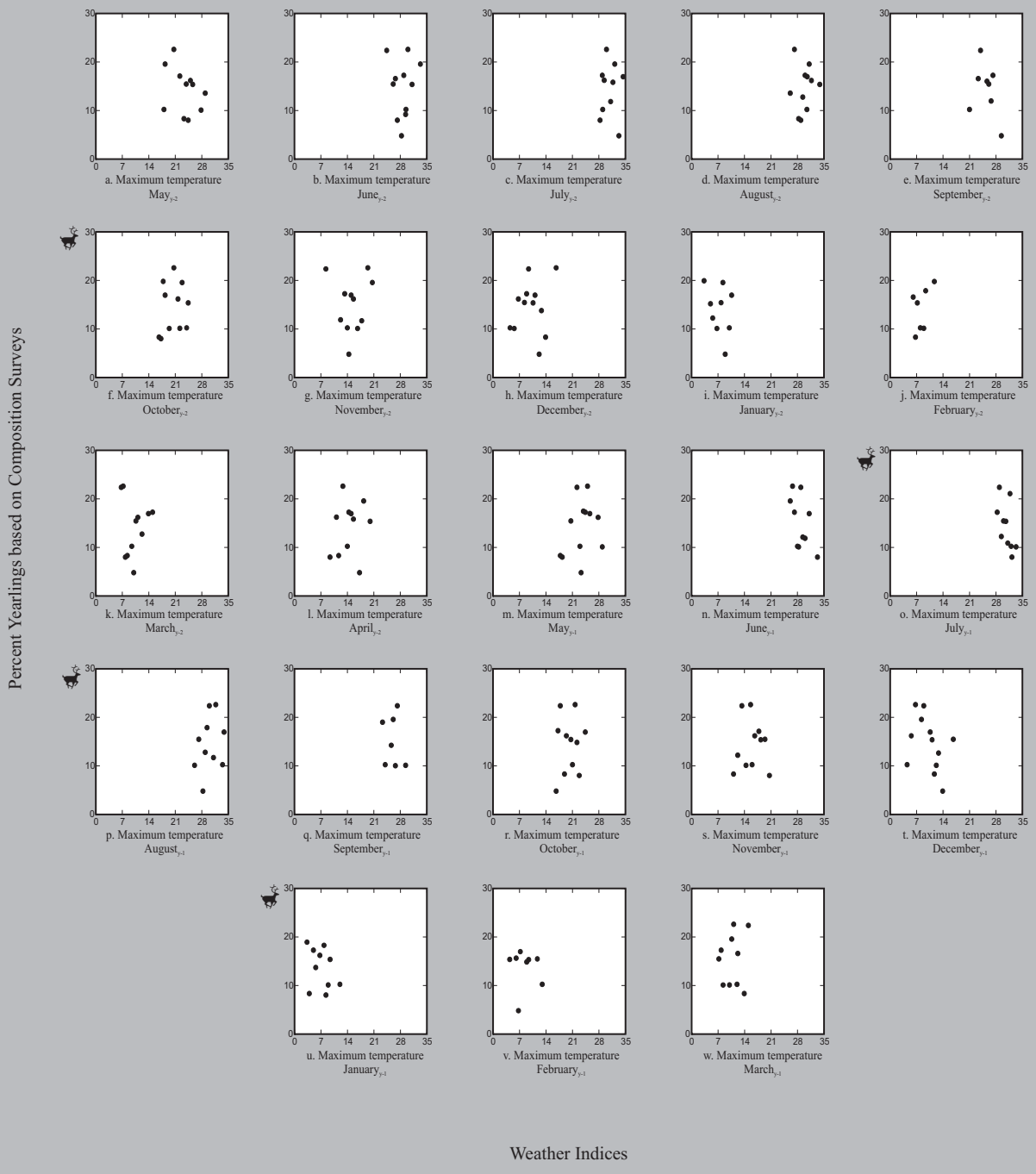


Fig. 14F-16G. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

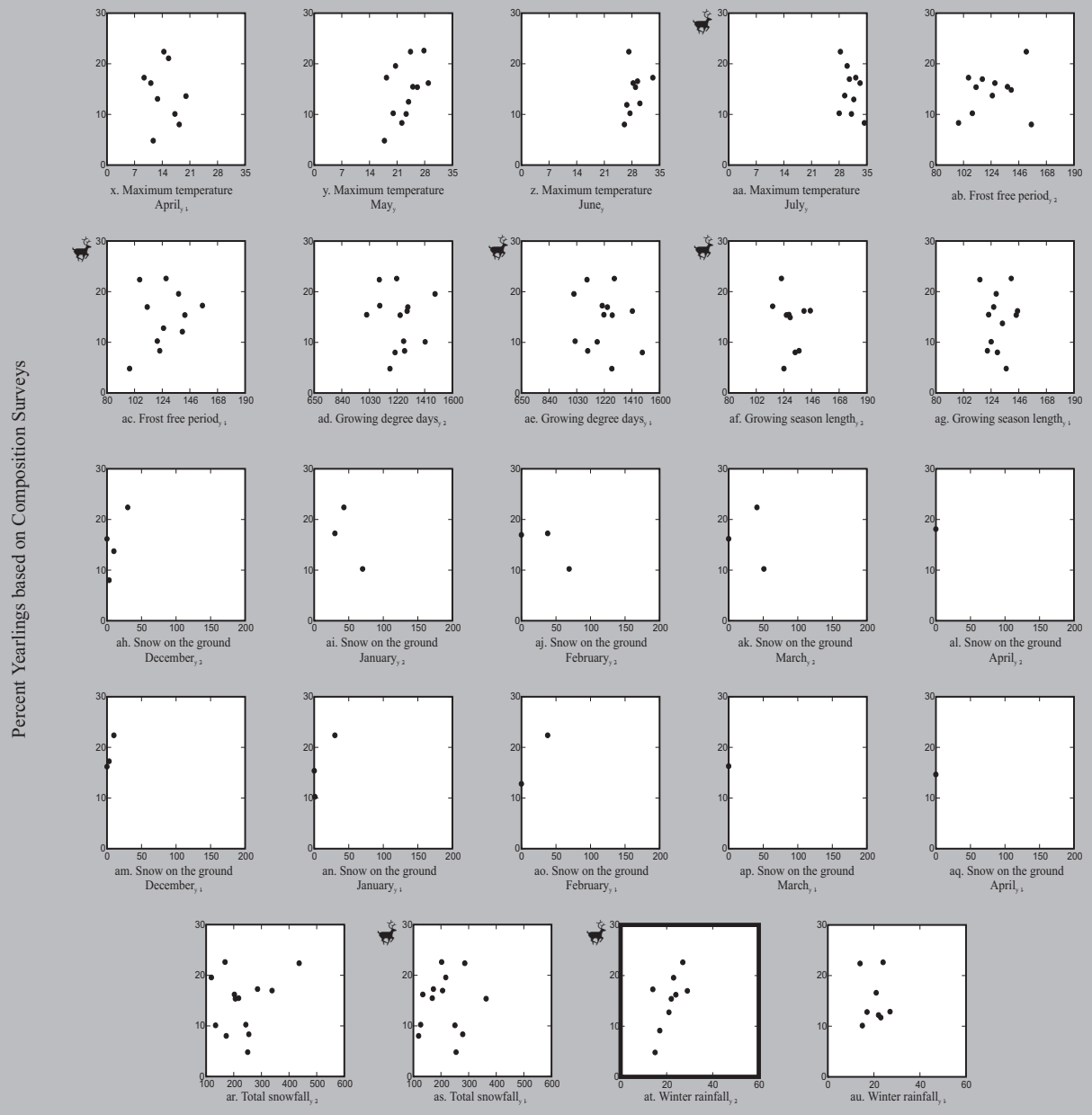


Fig. 14F-16G (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Middle Ridge Caribou Herd; where indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □ , a significant relationship in the simple linear regression analysis.

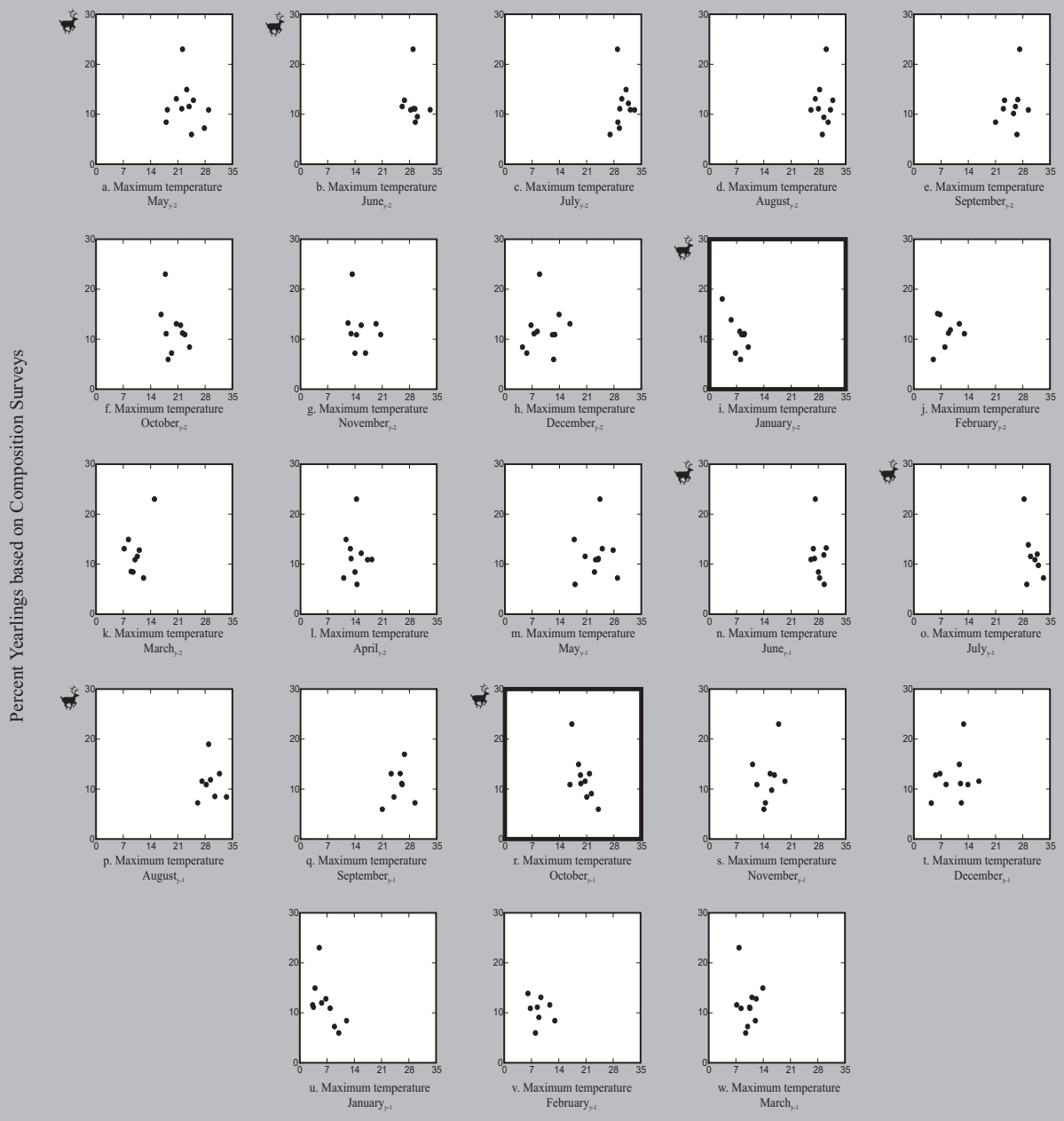


Fig. 14F-16H. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

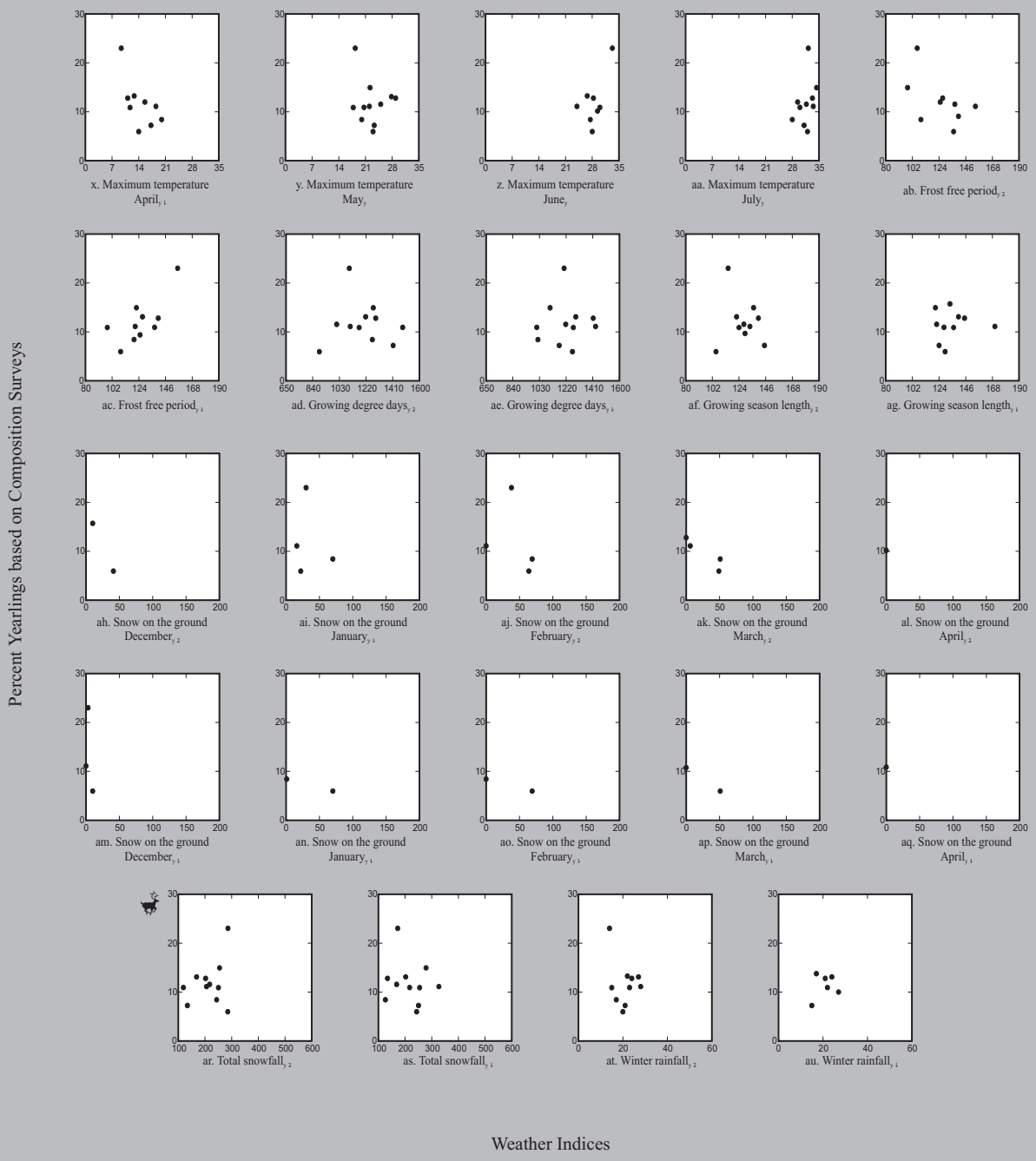


Fig. 14F-16H (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Mount Peyton Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

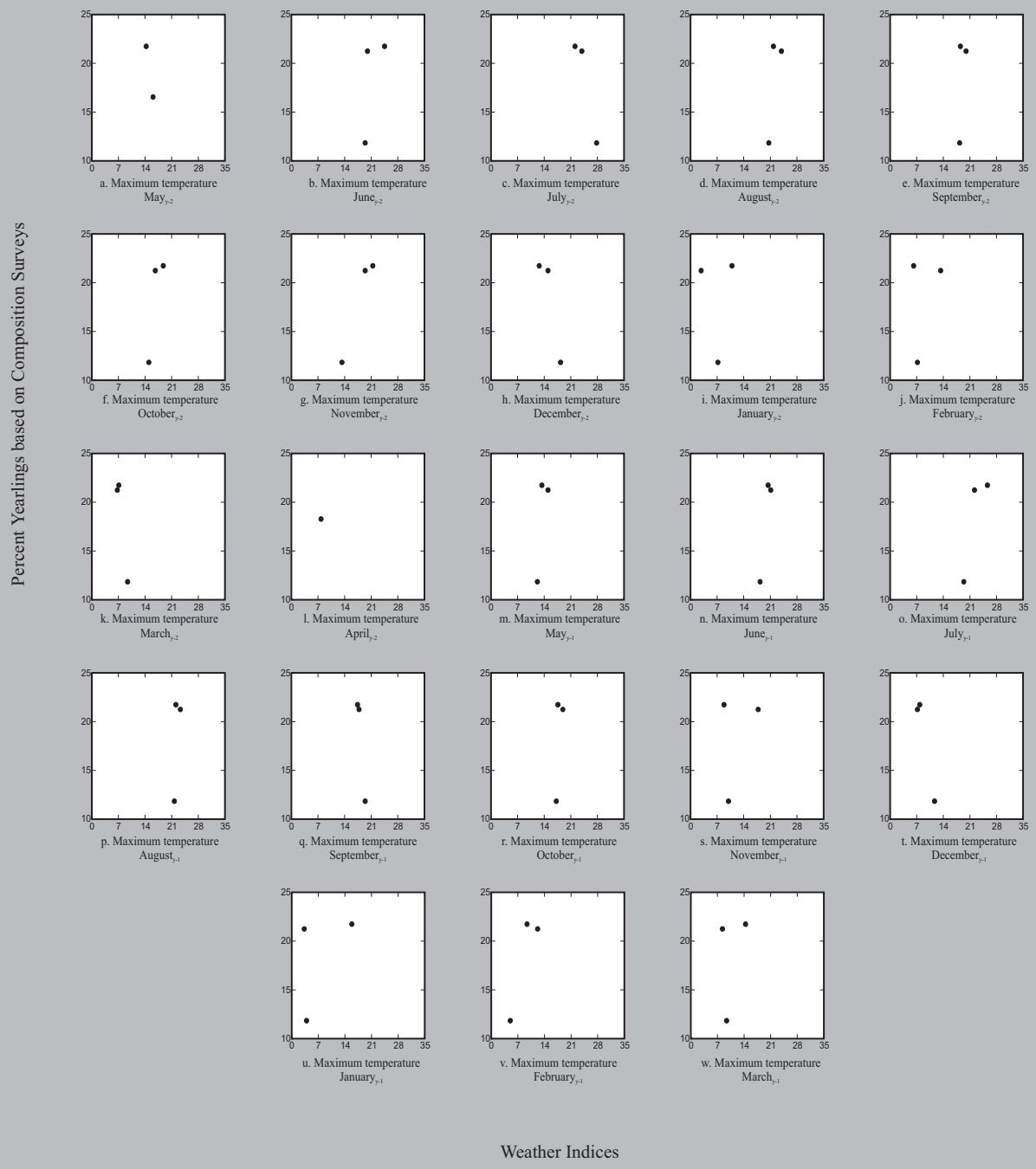


Fig. 14F-16I. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

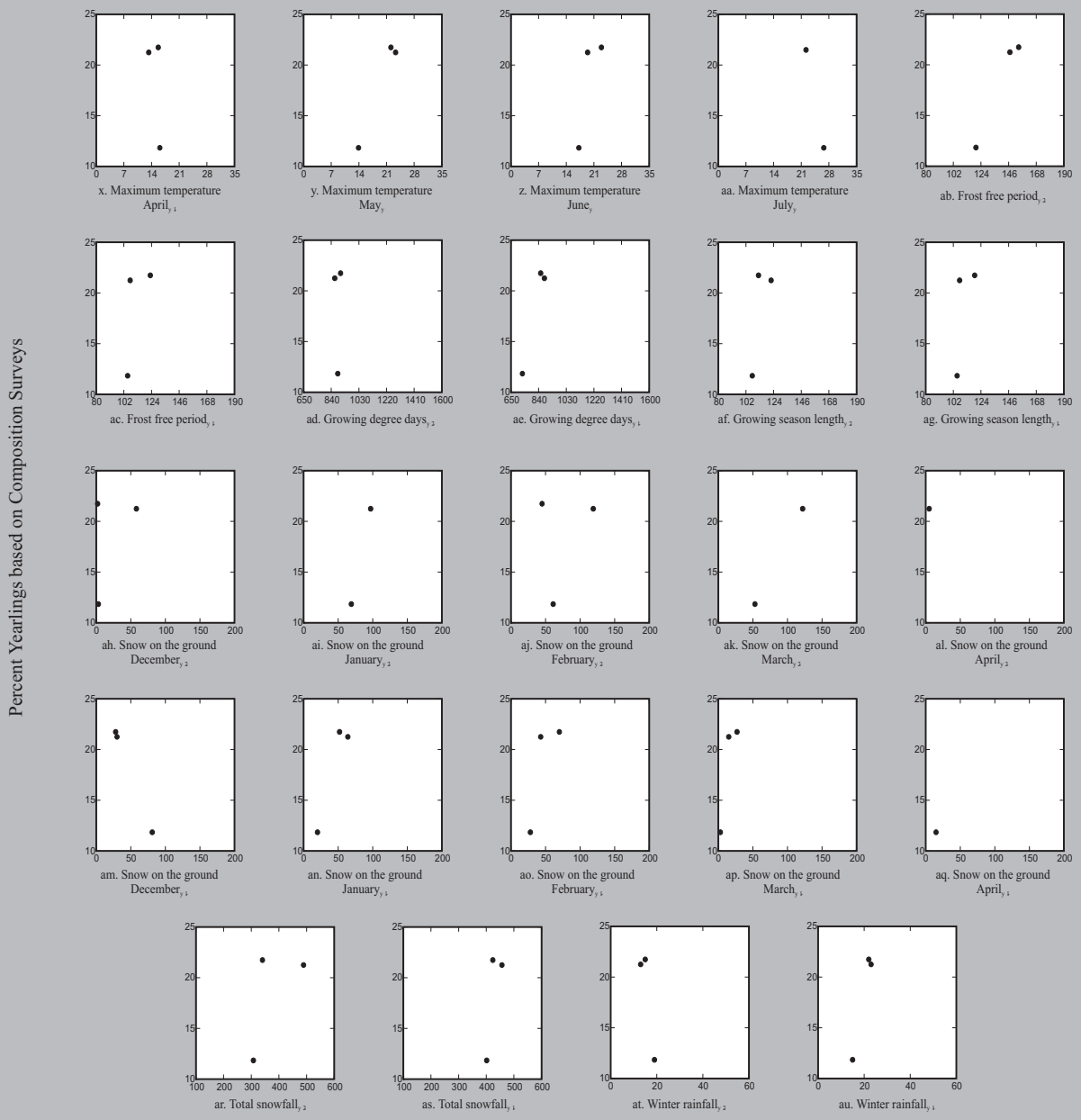


Fig. 14F-16I (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Northern Peninsula Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

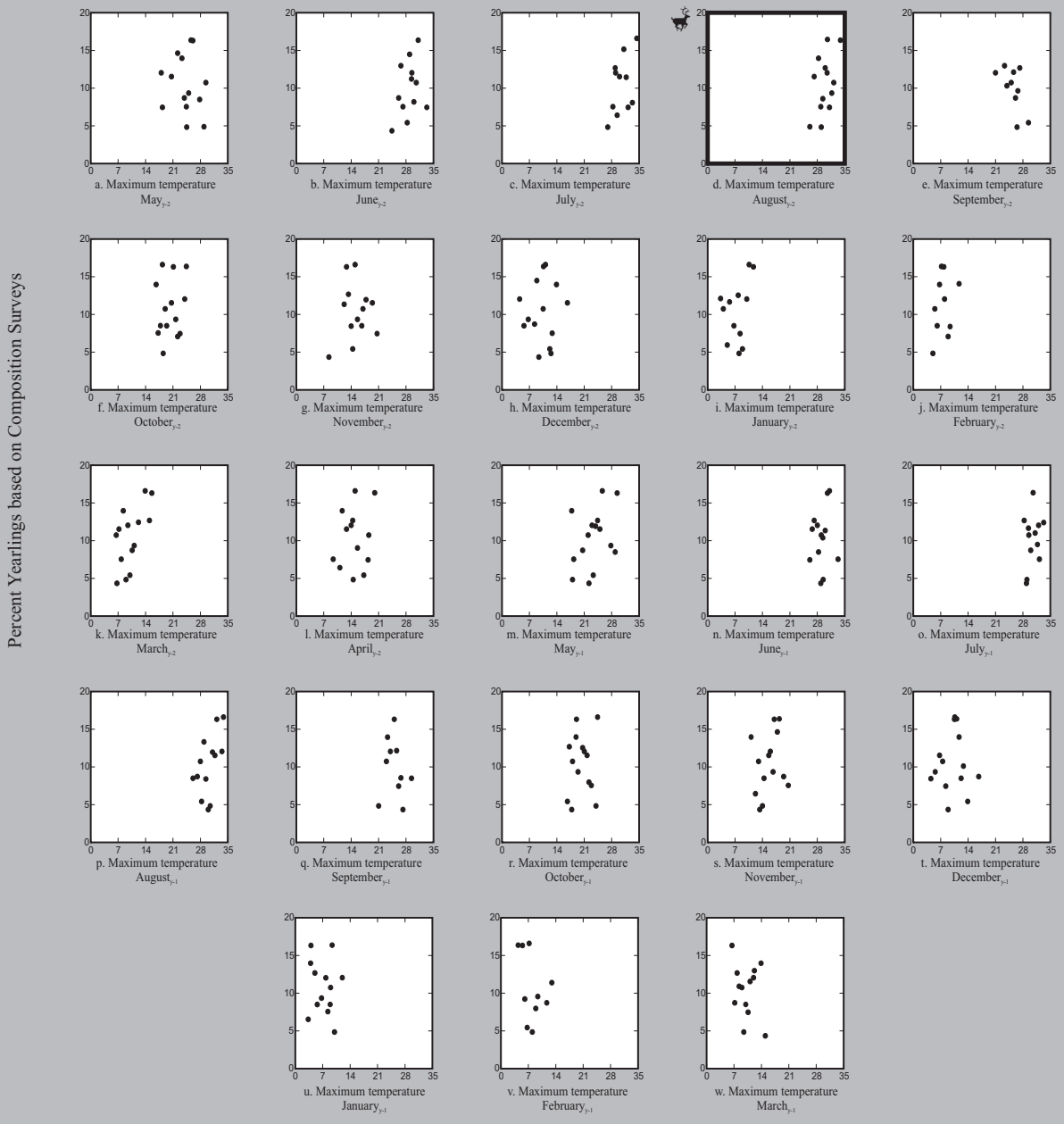


Fig. 14F-16J. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

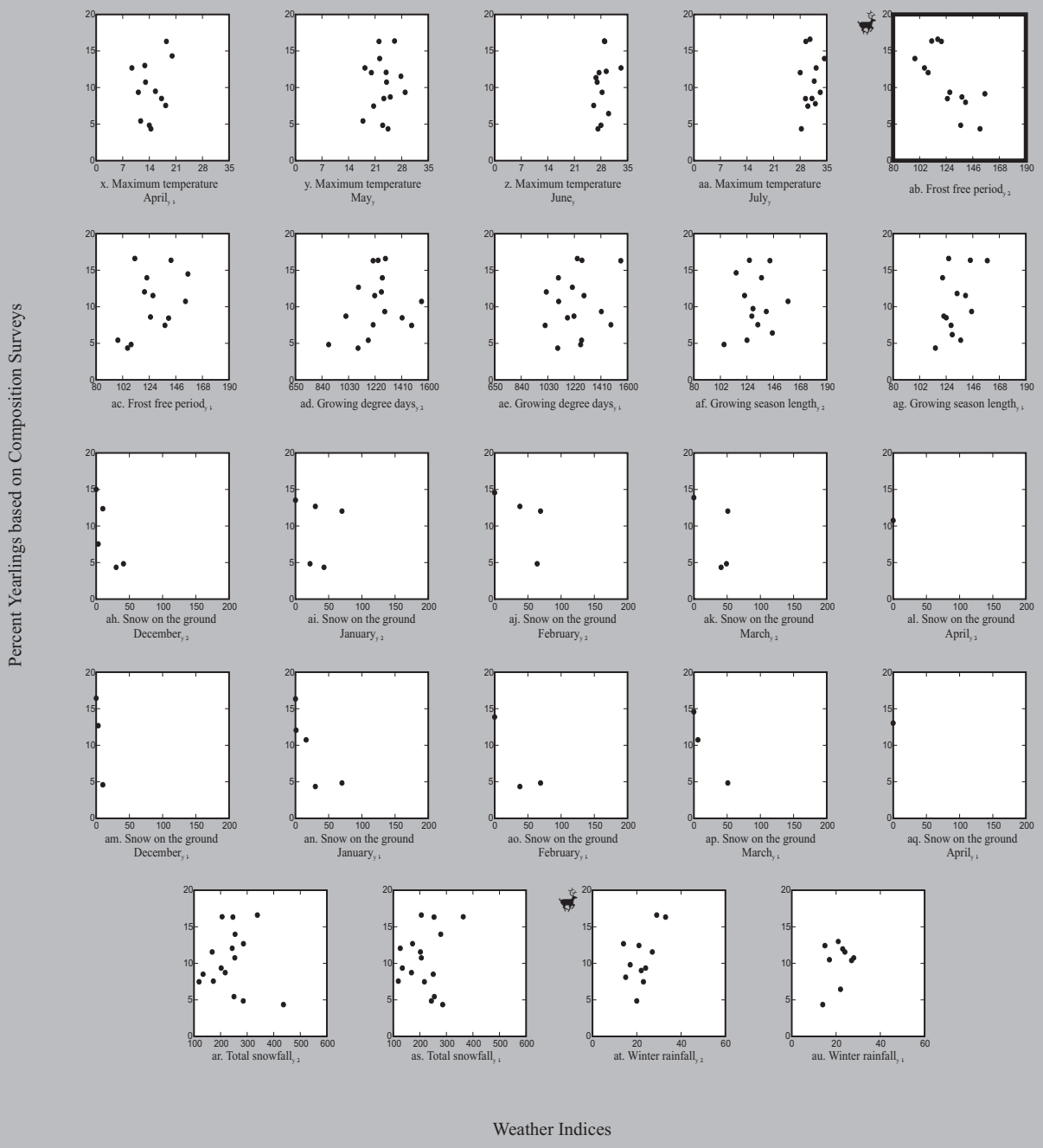


Fig. 14F-16J (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Pot Hill Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

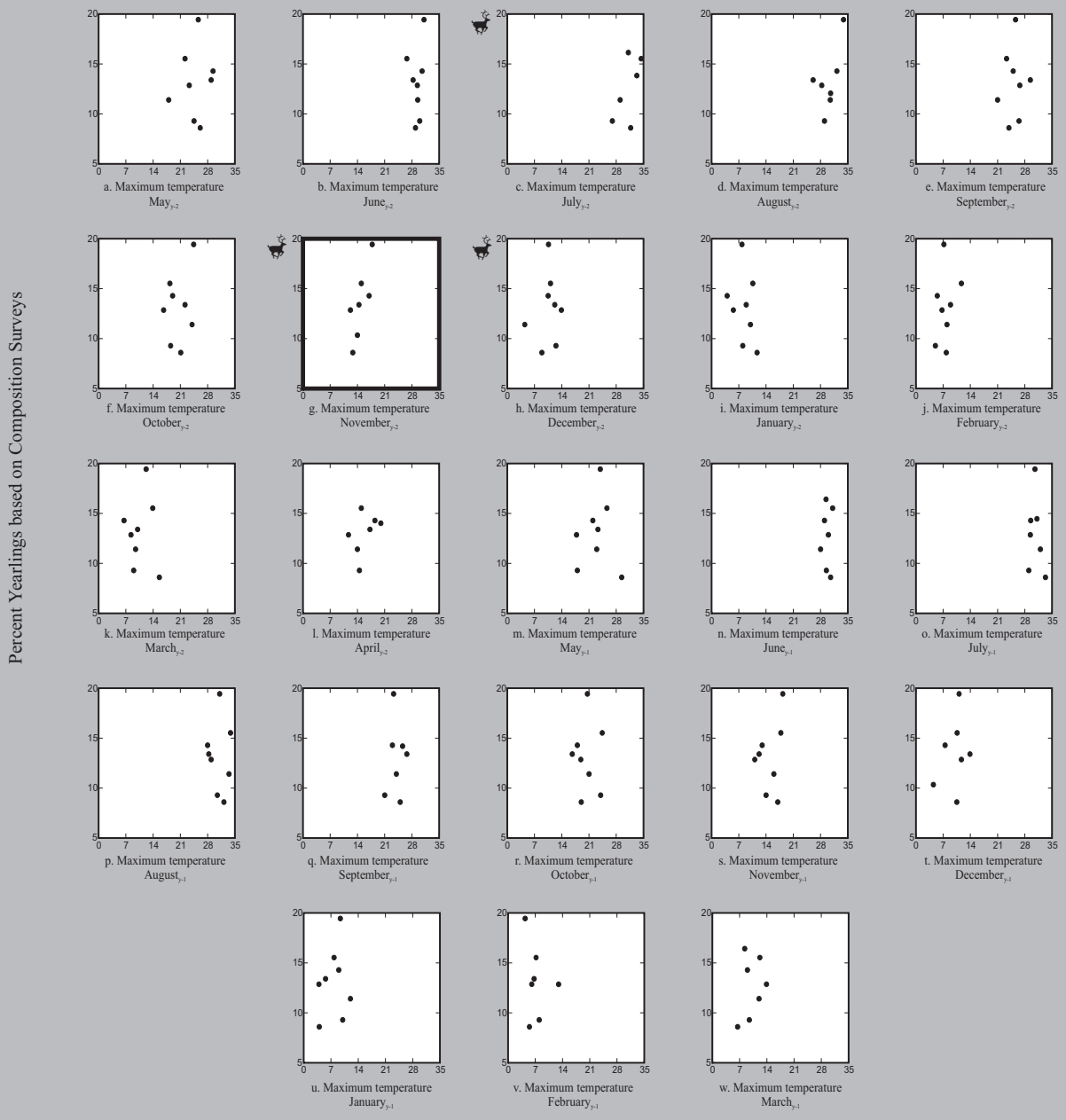


Fig. 14F-16K. Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and □, a significant relationship in the simple linear regression analysis.

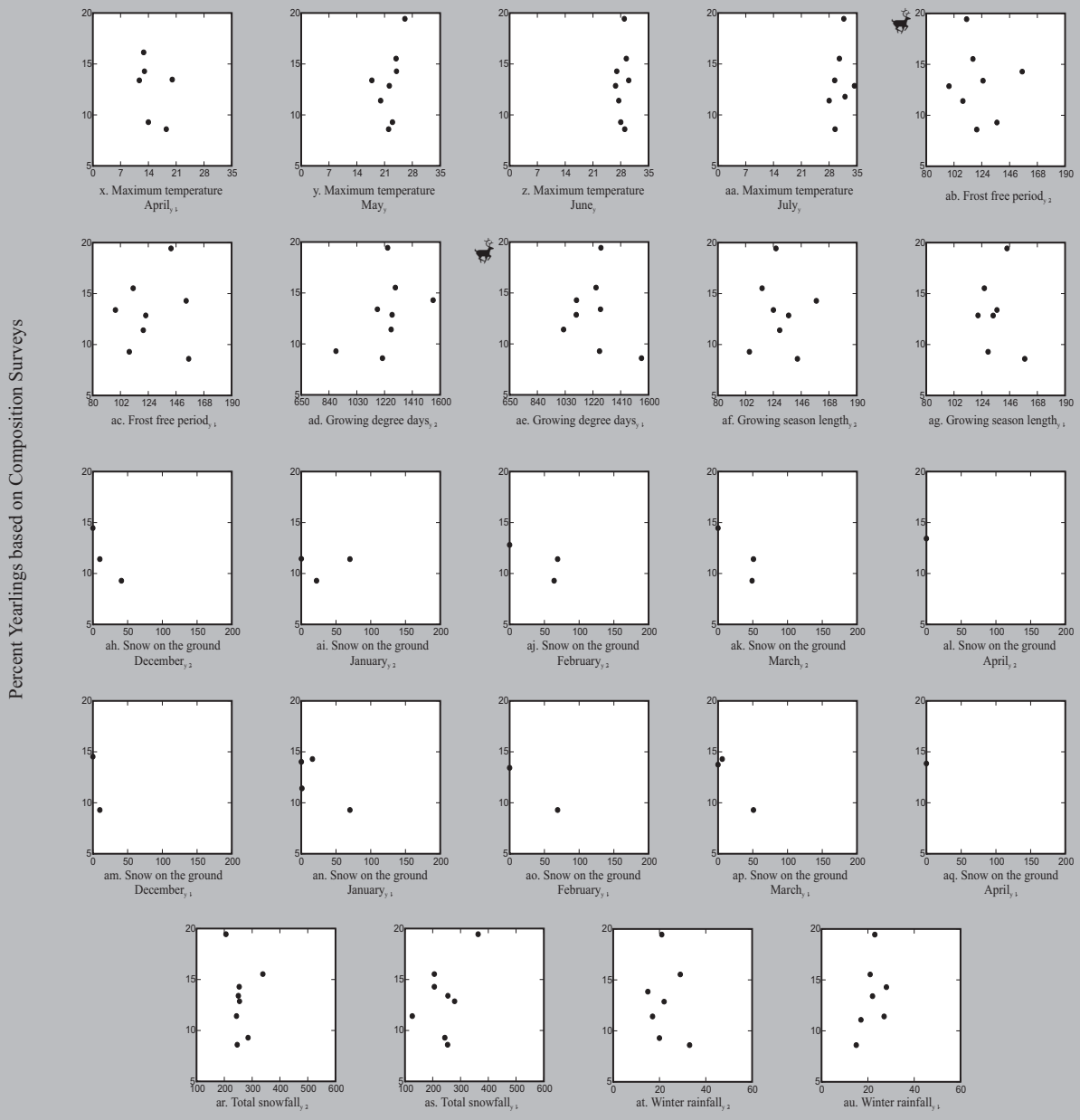


Fig. 14F-16K (con'd). Statistical comparison of weather indices and Percent Yearlings from spring (May to July) Composition Surveys for the Sandy Lake Caribou Herd; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

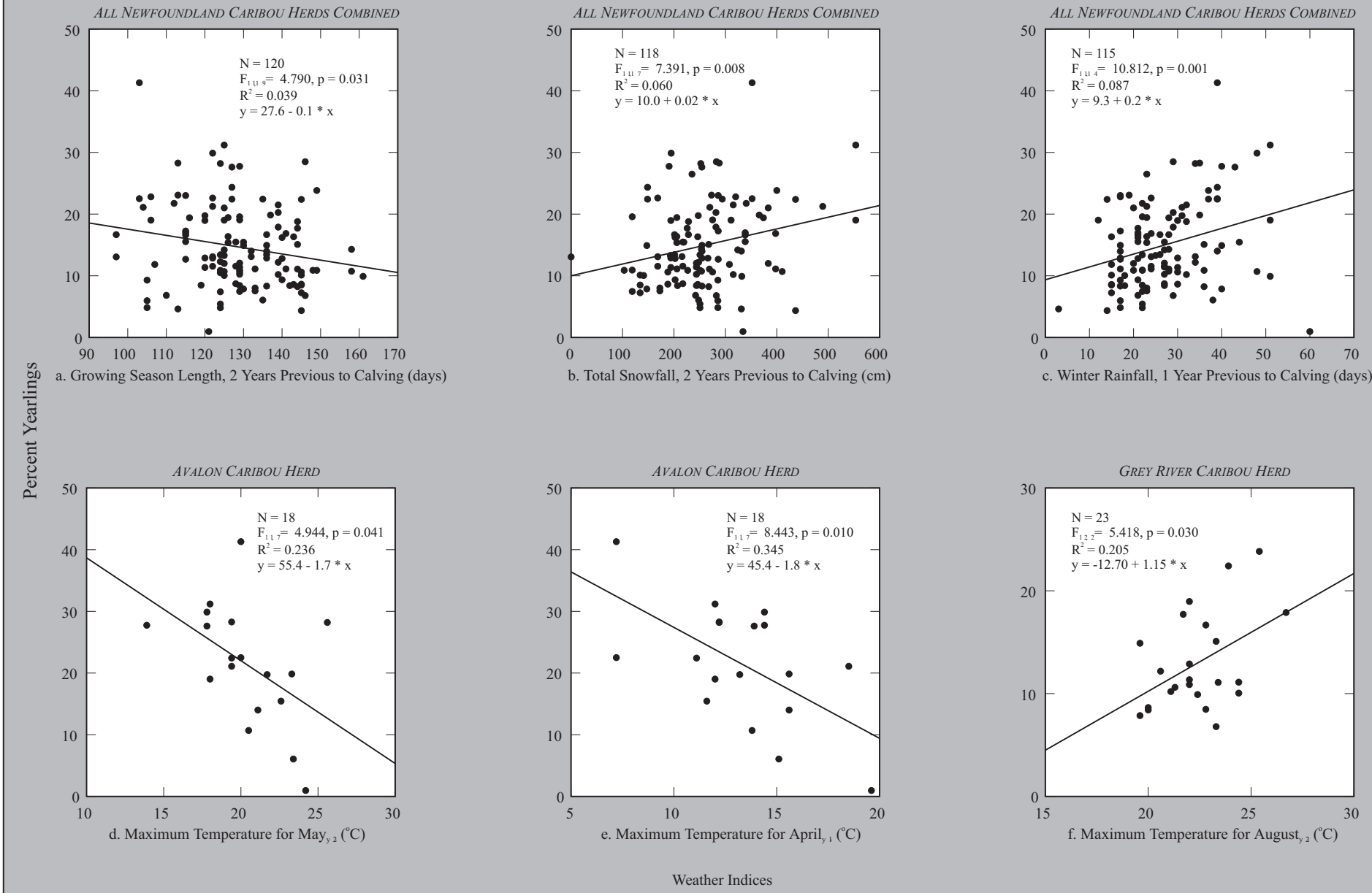


Fig. 14F-17. Simple linear regressions of Percent Yearlings in the spring (May - July) and weather indices as identified in Table 14F-8. Percent Yearlings is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

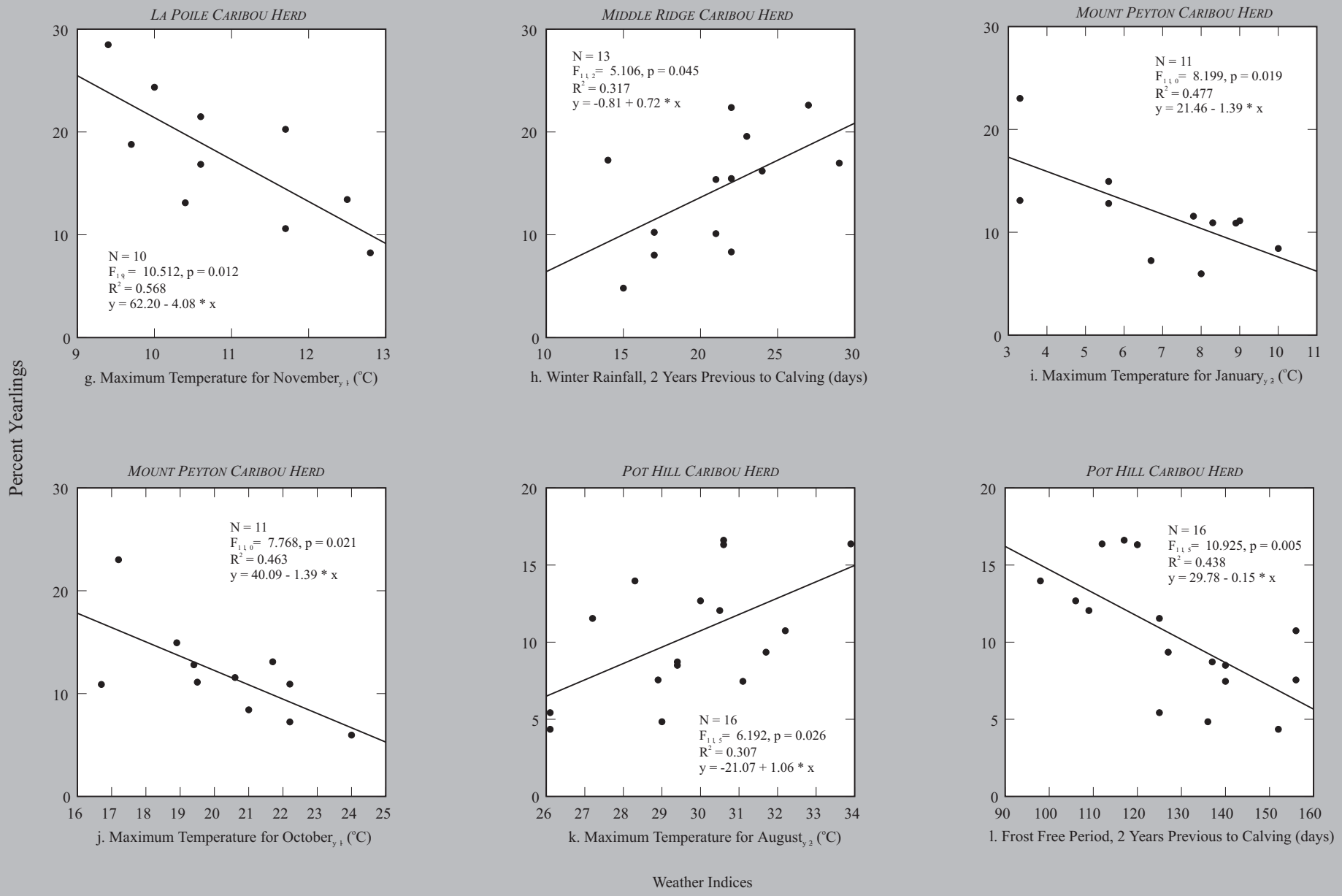


Fig. 14F-17 (con'd). Simple linear regressions of Percent Yearlings in the spring (May - July) and weather indices as identified in Table 14F-8. Percent Yearlings is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

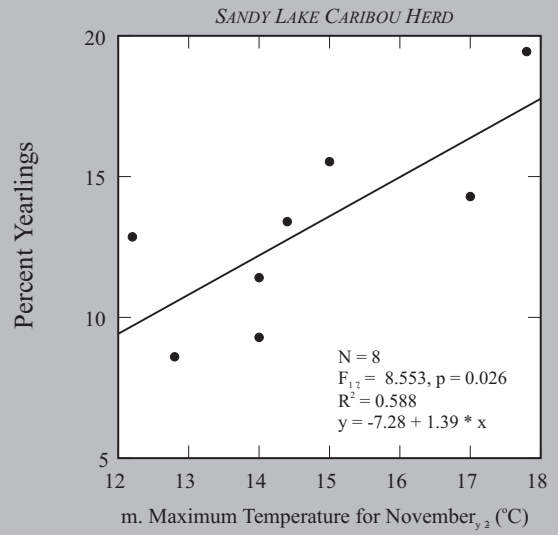


Fig. 14F-17 (con'd). Simple linear regressions of Percent Yearlings in the spring (May - July) and weather indices as identified in Table 14F-8. Percent Yearlings is based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Table 14F-9. Relationship of Percent Yearlings, determined from **winter** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of April of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds					
Statistics	**Avalon**	**Buchans**	**Grey River**	**Middle Ridge**	**Sandy Lake**	**All available herds combined**
Sample size (n)	6	1	2	1	1	11
Years	**1976-96**	**1974**	**1984-86**	**1979**	**1977**	**1974-96**
Weather station	St. John's	Buchans	Burgeo	Grand Falls		various
Weather Indices						
(i) Maximum monthly temperature (ºC)						
May_{y-2}						
$June_{y-2}$						
$July_{y-2}$						
$Aug._{y-2}$						
$Sept._{y-2}$						n/a
$Oct._{y-2}$						
$Nov._{y-2}$						
$Dec._{y-2}$						
$Jan._{y-2}$						
$Feb._{y-2}$						
$March_{y-2}$						
$April_{y-2}$						n/a
May_{y-1}						n/a
$June_{y-1}$						n/a
$July_{y-1}$						n/a
$Aug._{y-1}$						n/a
$Sept._{y-1}$						n/a
$Oct._{y-1}$						
$Nov._{y-1}$						
$Dec._{y-1}$						
$Jan._{y-1}$						
$Feb._{y-1}$						
$March_{y-1}$						
$April_{y-1}$						**S-3**
May_{y}						
$June_{y}$						
$July_{y}$						
$Aug._{y}$						

Table 14F-9 (con'd). Relationship of Percent Yearlings, determined from **winter** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of April of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds					
Statistics	**Avalon**	**Buchans**	**Grey River**	**Middle Ridge**	**Sandy Lake**	**All available herds combined**
Sample size (n)	6	1	2	1	1	11
Years	**1976-96**	**1974**	**1984-86**	**1979**	**1977**	**1974-96**
Weather station	St. John's	Buchans	Burgeo	Grand Falls		various
Weather Indices						
(i) Maximum monthly temperature (ºC)						
Sept.$_y$						
Oct.$_y$						
Nov.$_y$						
Dec.$_y$						
Jan.$_y$						
Feb.$_y$						**S-4**
March$_y$	**S-2**; **B-2**					
April$_y$						
(ii) Frost free period (days)						
y-2						
y-1						n/a
y						
(iii) Growing degree days (days)						
y-2						
y-1						n/a
y						
(iv) Growing season length (days)						
y-2						
y-1						
y	**S-1**; **B-1**					**S-2**
(v) Snow depth (cm) on the ground on the last day of the month						
Dec.$_{y-2}$	n/a					n/a
Jan.$_{y-2}$	n/a					n/a
Feb.$_{y-2}$						n/a
March$_{y-2}$						n/a
April$_{y-2}$	n/a					n/a
Dec.$_{y-1}$	n/a					n/a
Jan.$_{y-1}$	n/a					n/a

Table 14F-9 (con'd). Relationship of Percent Yearlings, determined from **winter** composition surveys, and weather indices explored using forward stepwise regression. Weather indices cover the period from two years prior to calving to the end of April of the birth year. Subscripts indicate year, with birth year = y. For **S-1**, **S** indicates a significant relationship ($\alpha = 0.15$) and **1,** its order of importance based on the F-ratio. **S-1** indicates the relationship was also significant in a simple linear regression. **R** indicates variables entered and subsequently removed from the statistical model. N/A indicates variables not entered due to missing data. **B** indicates a significant relationship in a stepwise regression conducted using only weather indices from the birth year (calving to the end of winter). Empty cells indicate non-significance.

	Caribou Herds					
Statistics	**Avalon**	**Buchans**	**Grey River**	**Middle Ridge**	**Sandy Lake**	**All available herds combined**
Sample size (n)	6	1	2	1	1	11
Years	**1976-96**	**1974**	**1984-86**	**1979**	**1977**	**1974-96**
Weather station	St. John's	Buchans	Burgeo	Grand Falls		various
Weather Indices						
(v) Snow depth (cm) on the ground on the last day of the month (con'd)						
Feb.$_{y}$-1	n/a					n/a
March$_{y-1}$	n/a					n/a
April$_{y-1}$	n/a					n/a
Dec.$_{y}$	n/a					n/a
Jan.$_{y}$	n/a					n/a
Feb.$_{y}$	n/a					n/a
March$_{y}$	n/a					n/a
April$_{y}$	n/a					n/a
(vi) Total snowfall (cm)						
y-2						
y-1						
y						
(vii) Winter rainfall (days)						
y-2						**S-1**
y-1						
y						

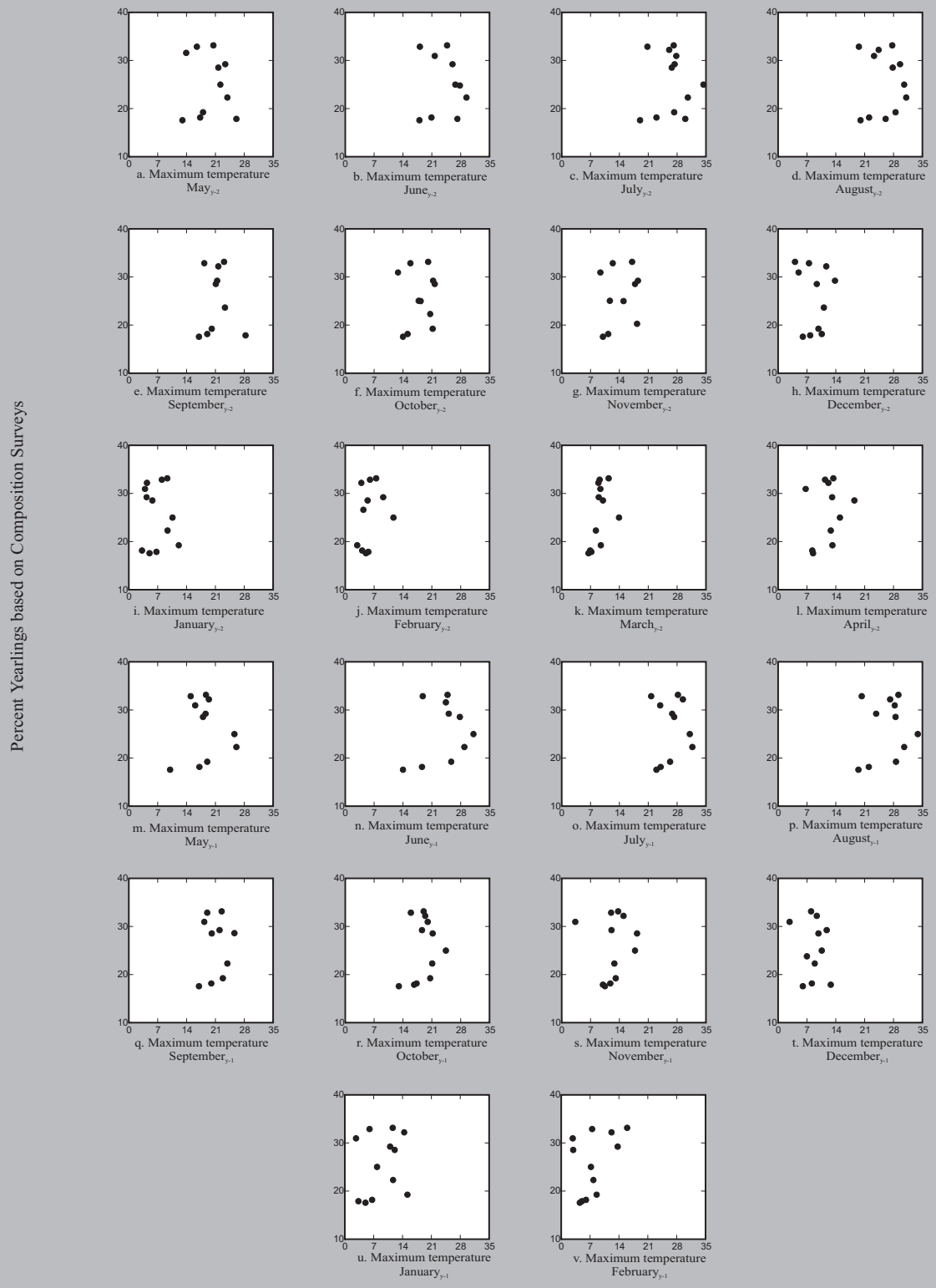


Fig. 14F-18A. Statistical comparison of weather indices and Percent Yearlings from overwinter (January to May) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

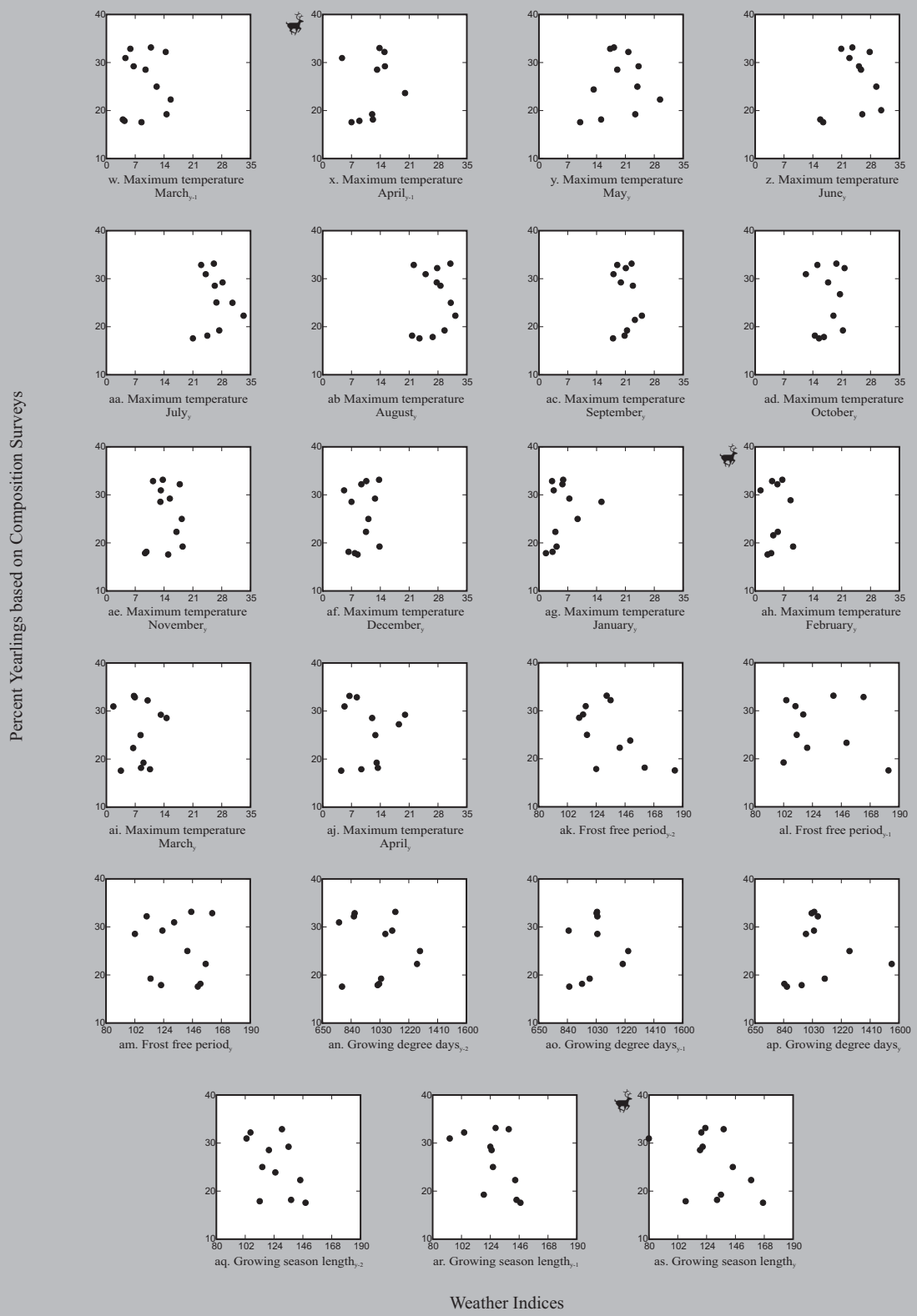


Fig. 14F-18A (con'd). Statistical comparison of weather indices and Percent Yearlings from overwinter (January to May) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

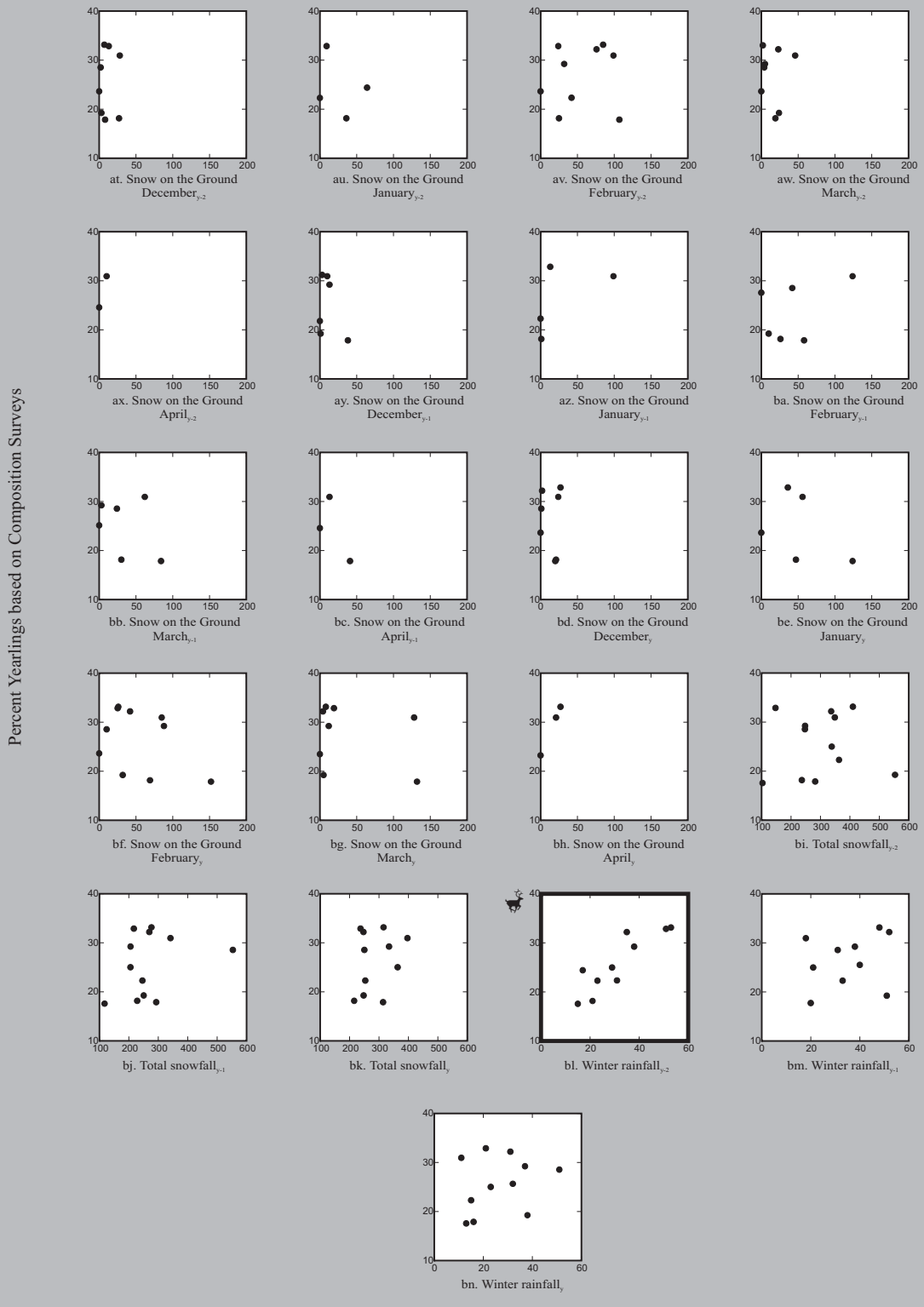


Fig. 14F-18A (con'd). Statistical comparison of weather indices and Percent Yearlings from overwinter (January to May) Composition Surveys for all caribou herds combined; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐, a significant relationship in the simple linear regression analysis.

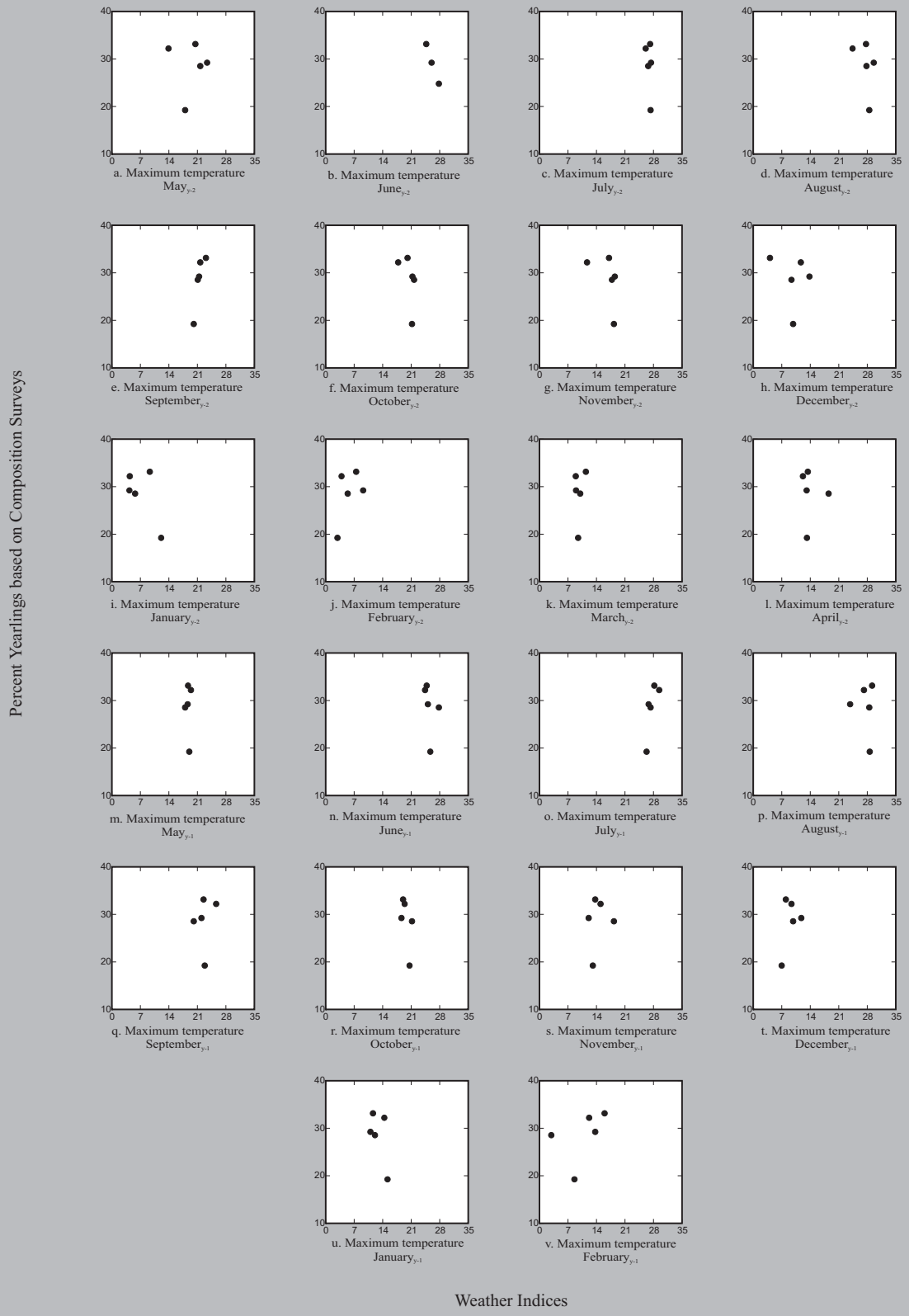


Fig. 14F-18B. Statistical comparison of weather indices and Percent Yearlings from overwinter (January to May) Composition Surveys for the Avalon Caribou Herd combined; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

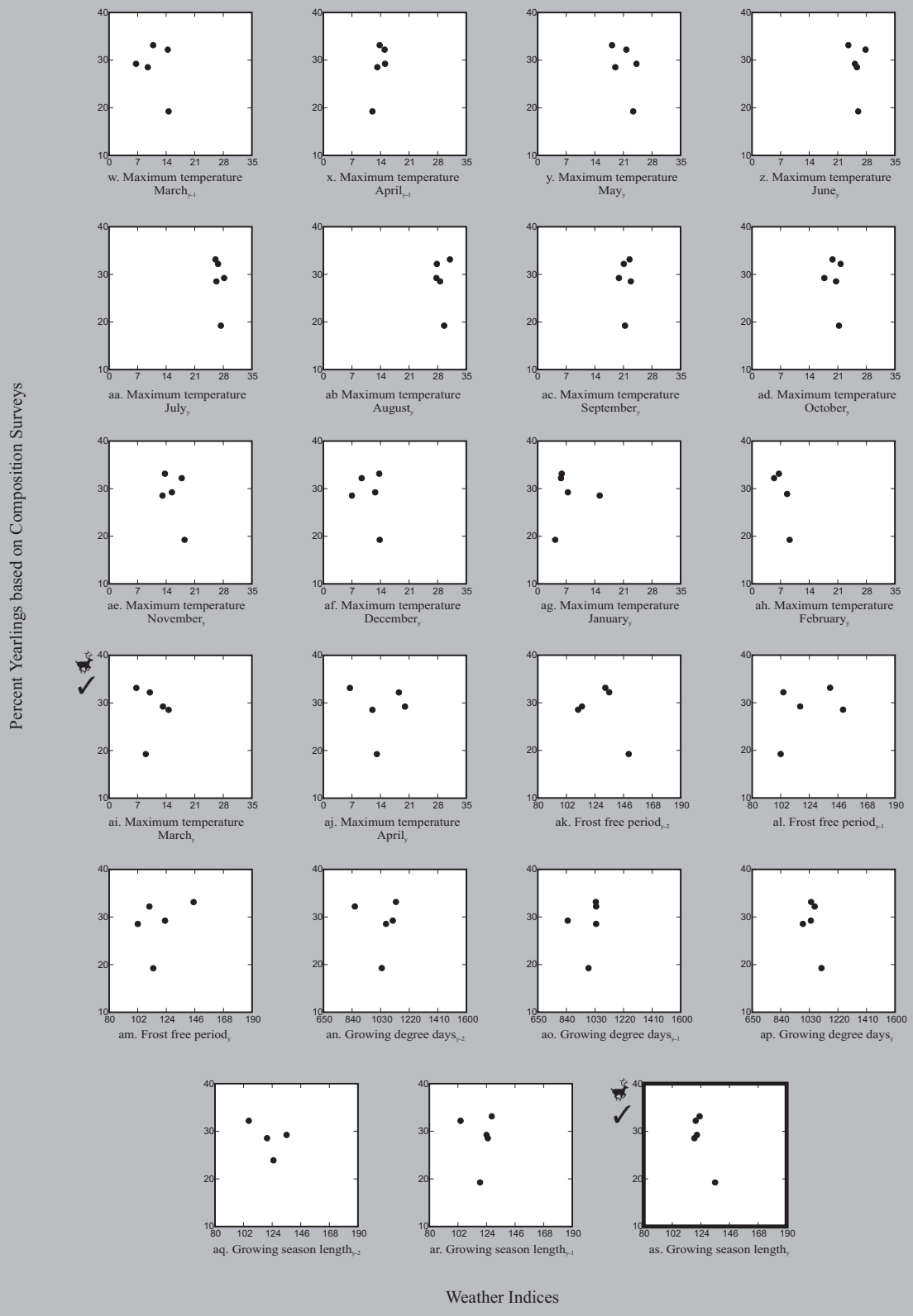


Fig. 14F-18B (con'd). Statistical comparison of weather indices and Percent Yearlings from overwinter (January to May) Composition Surveys for the Avalon Caribou Herd combined; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

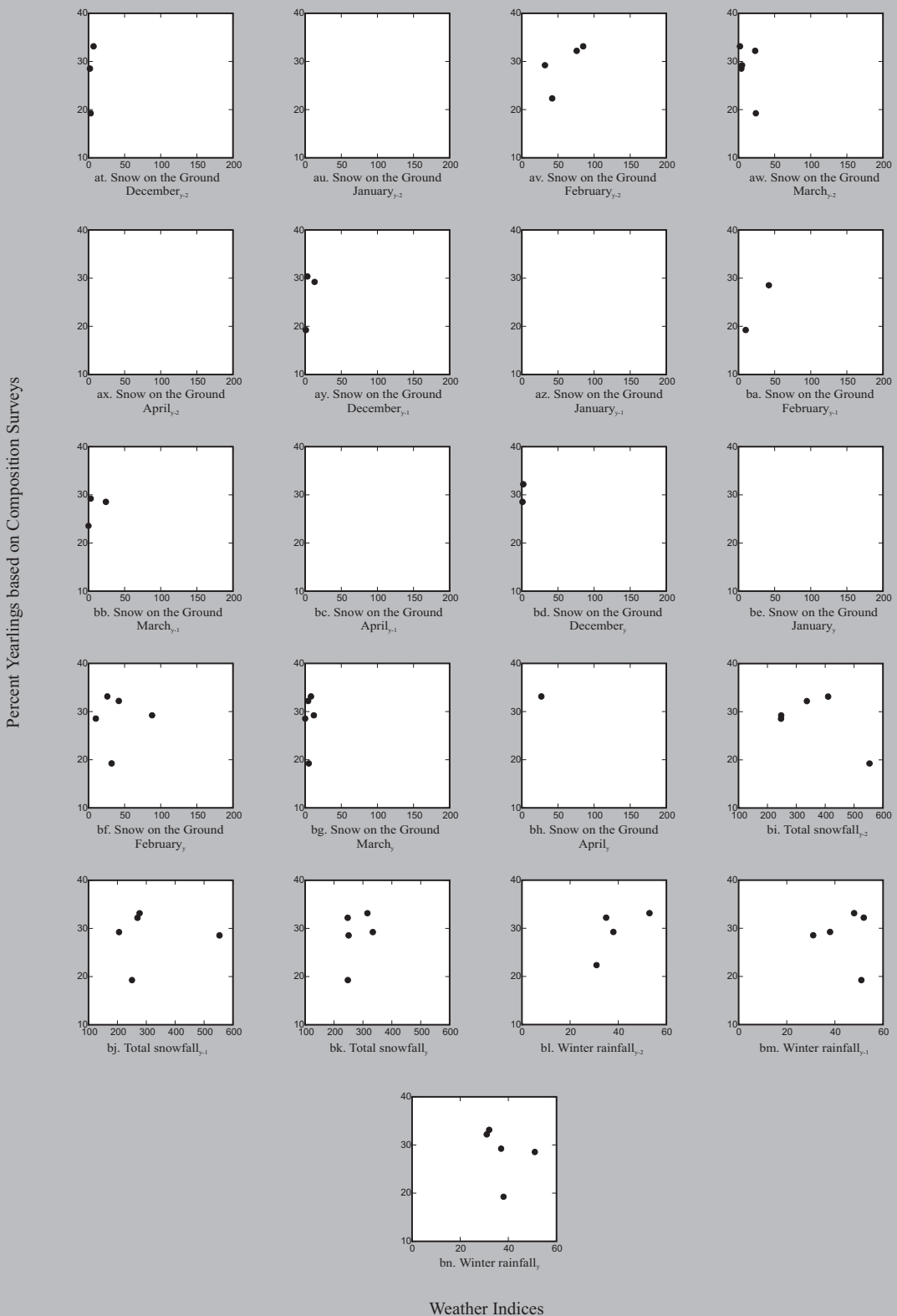


Fig. 14F-18B (con'd). Statistical comparison of weather indices and Percent Yearlings from overwinter (January to May) Composition Surveys for the Avalon Caribou Herd combined; where 🦌 indicates a significant relationship between percent yearlings and weather index as identified in the forward stepwise regression using all weather variables; ✓, a significant stepwise regression for all variables for the Birth Year only; and ☐ , a significant relationship in the simple linear regression analysis.

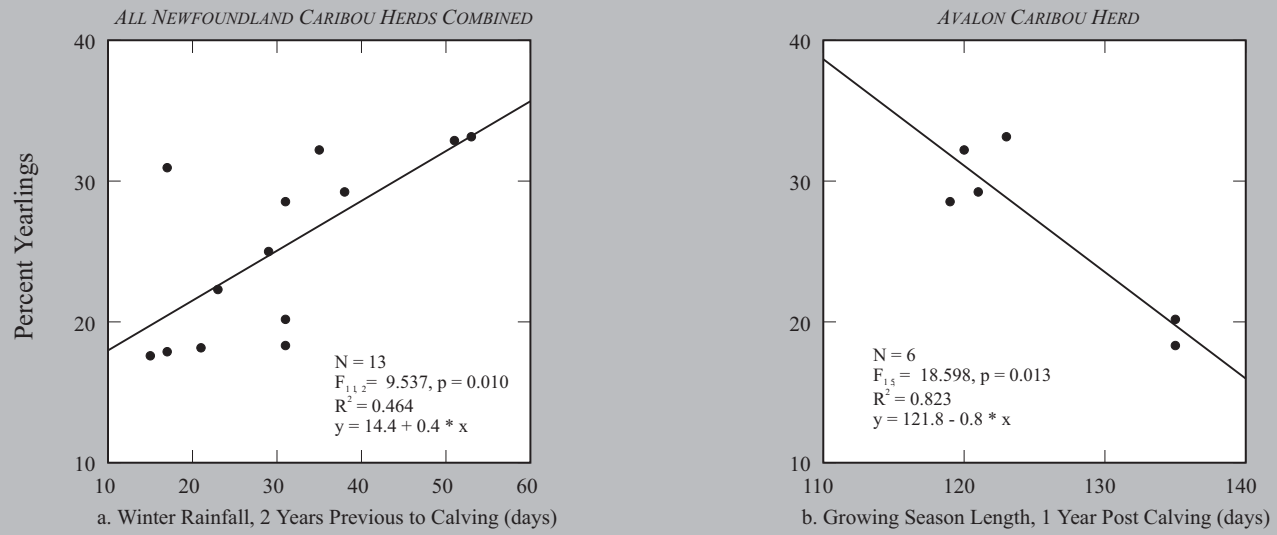
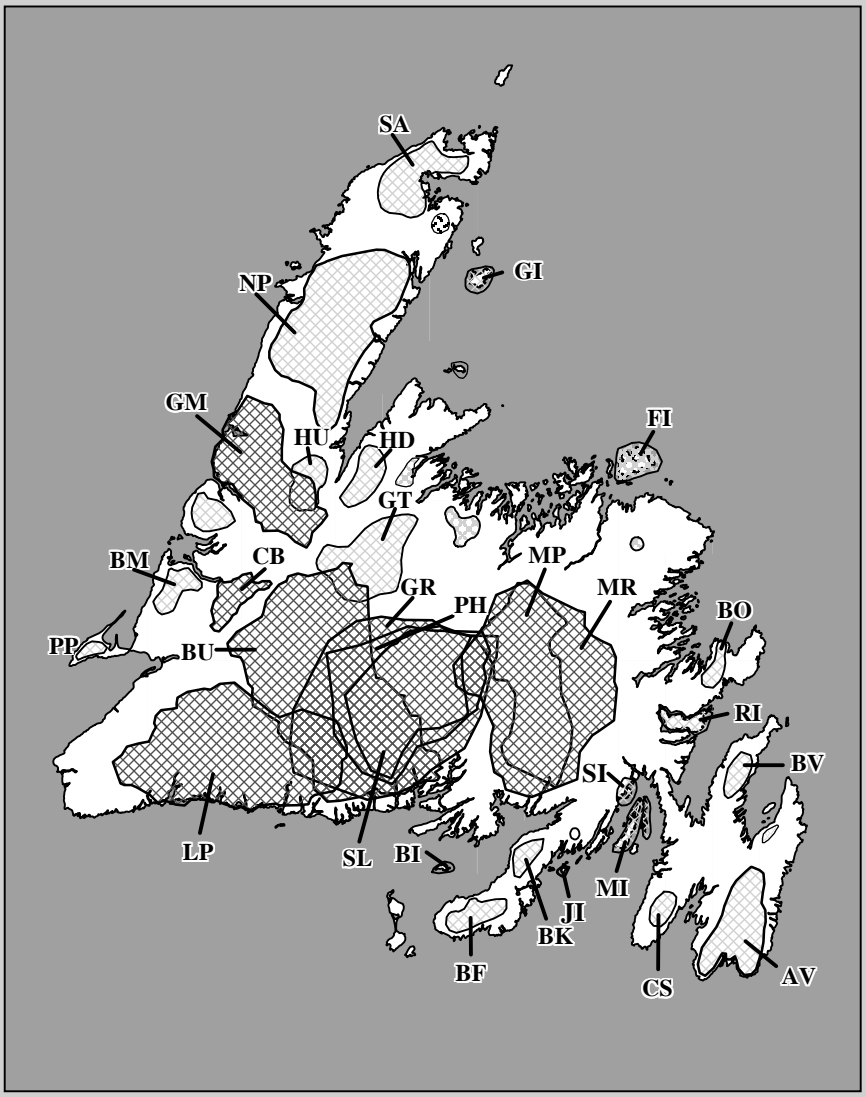


Fig. 14F-19. Simple linear regressions of Percent Yearlings in the winter (January - May) and weather indices as identified in Table 14F-9. Percent Yearlings are based on Composition Surveys. Regressions are shown only where the initial stepwise analysis indicated significant relationships. Statistics within each figure pertain to simple linear regression only.

Section 14G:

Population Trends from Cohort (Virtual Population) Analysis Based on Jawbones Submitted by Hunters.



Caribou Herds

Avalon (AV)
Bay de Verde (BV)
Blow Me Down Mtn (BM)
Bonavista (BO)
Brunette Island (BI)
Burin Foot (BF)
Burin Knee (BK)
Buchans (BU)
Cape Shore (CS)
Corner Brook Lakes (CB)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
Hampden Downs (HD)
Humber (HU)
Jude Island (JI)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Northern Peninsula (NP)
Port au Port (PP)
Pot Hill (PH)
Random Island (RI)
Sandy Lake (SL)
Sound Island (SI)
St. Anthony (SA)

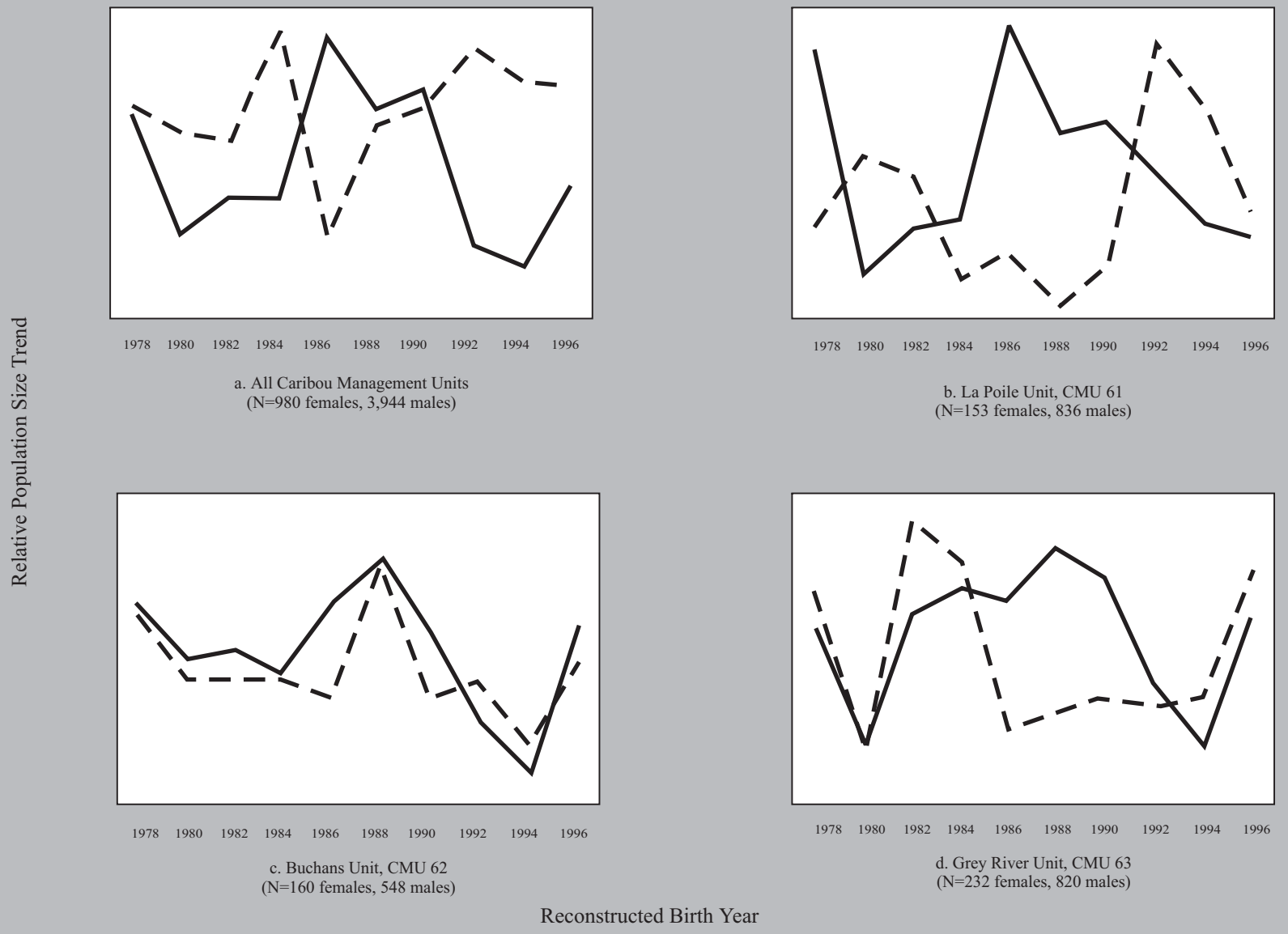


Fig. 14G-1. Cohort reconstruction from caribou jawbones submitted by Insular Newfoundland hunters during the period 1978-1996. Birth year was calculated, or reconstructed, based on the year the caribou was harvested and the incisor age (estimated by cementum annuli technique). Calves and yearlings are an insignificant and variable part of the harvest, and for these reasons are excluded from the population reconstruction. Relative population size for each CMU is corrected by weighting each virtual population member by the inverse of the total number of jaws submitted during the year of harvest of this member. Reconstruction was separate by sex; females (dashed line) and males (solid line).

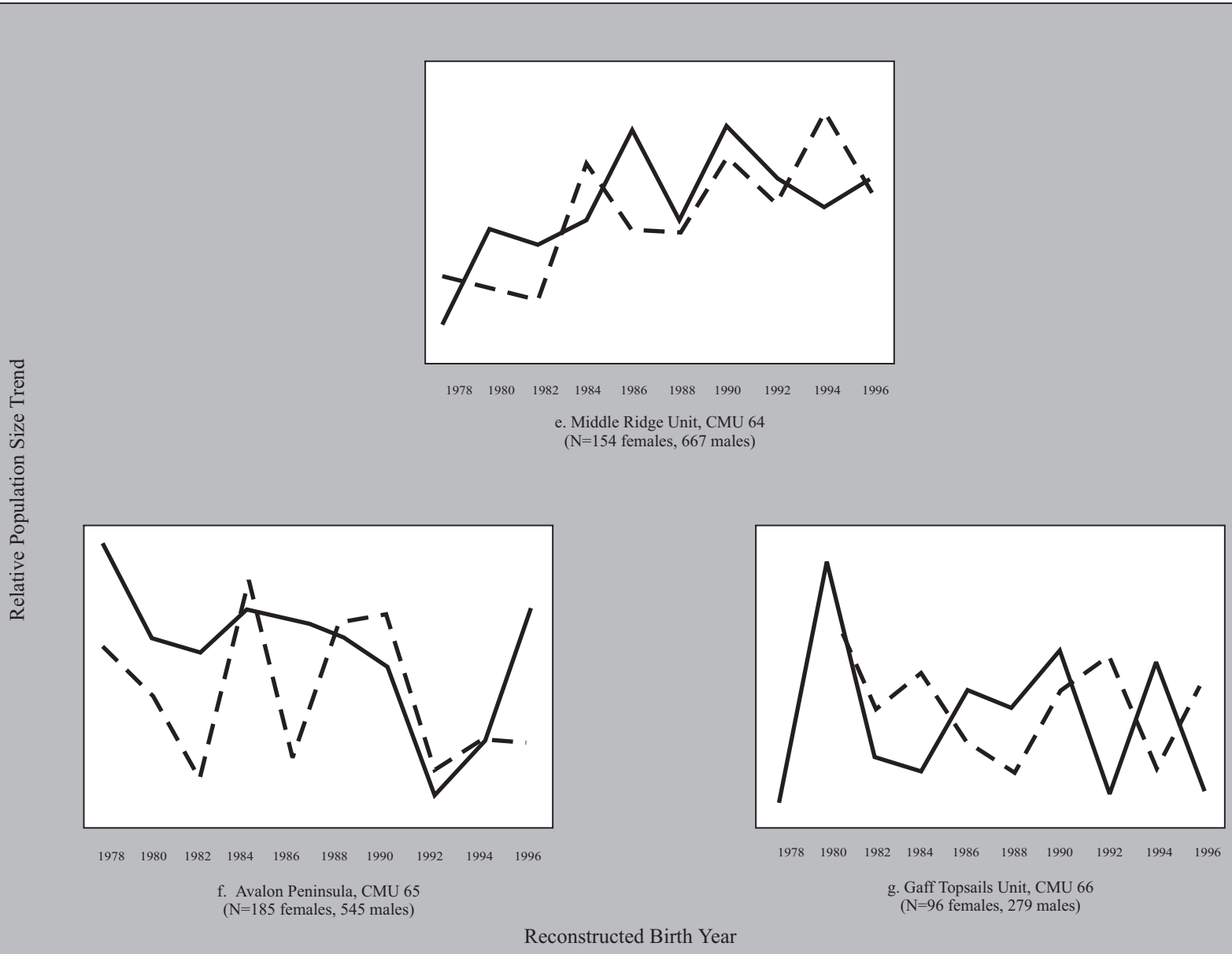


Fig. 14G-1 (con'd). Cohort reconstruction from caribou jawbones submitted by Insular Newfoundland hunters during the period 1978-1996. Birth year was calculated, or reconstructed, based on the year the caribou was harvested and the incisor age (estimated by cementum annuli technique). Calves and yearlings are an insignificant and variable part of the harvest, and for these reasons are excluded from the population reconstruction. Relative population size for each CMU is corrected by weighting each virtual population member by the inverse of the total number of jaws submitted during the year of harvest of this member. Reconstruction was separate by sex; females (dashed line) and males (solid line).

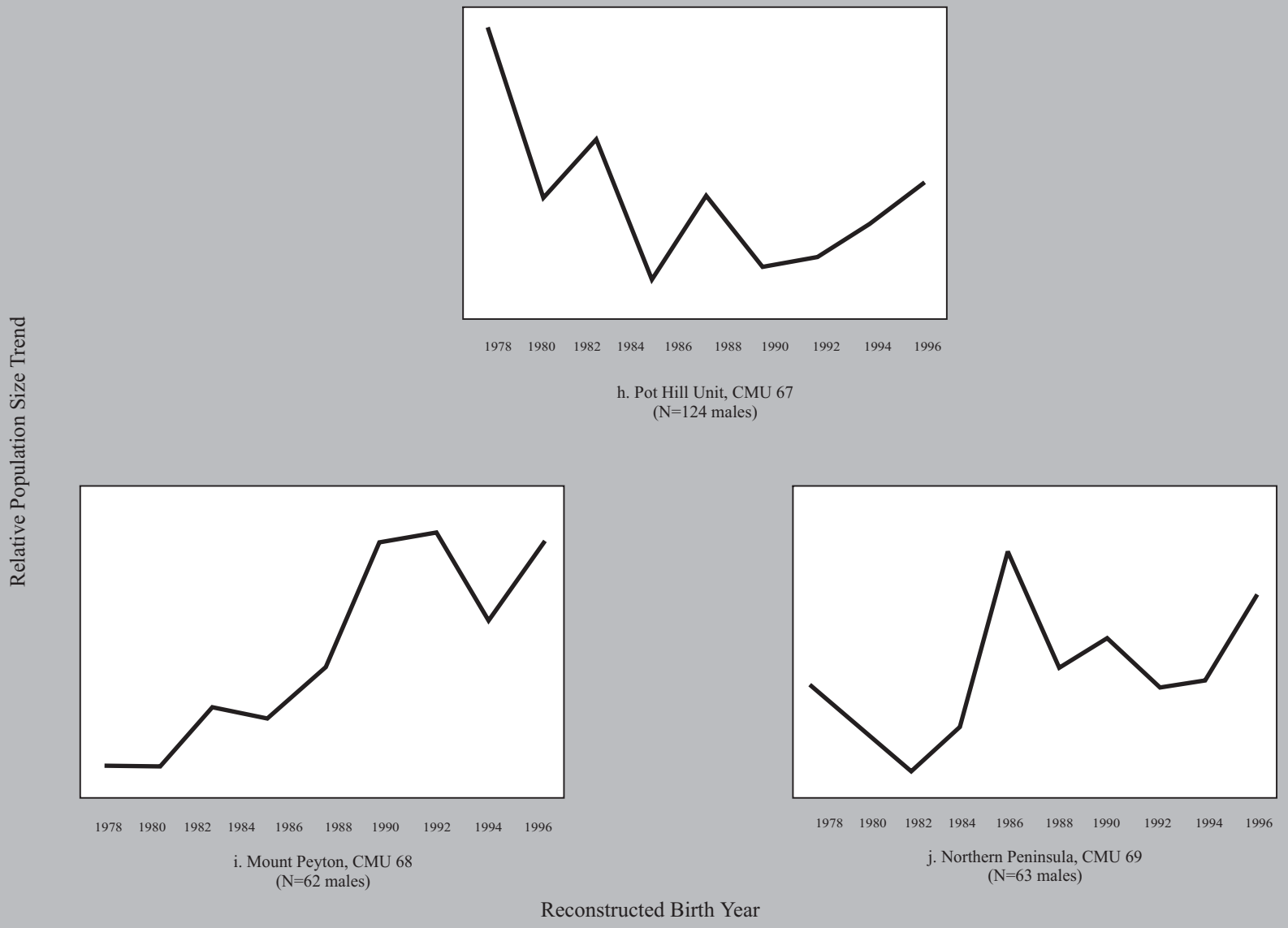
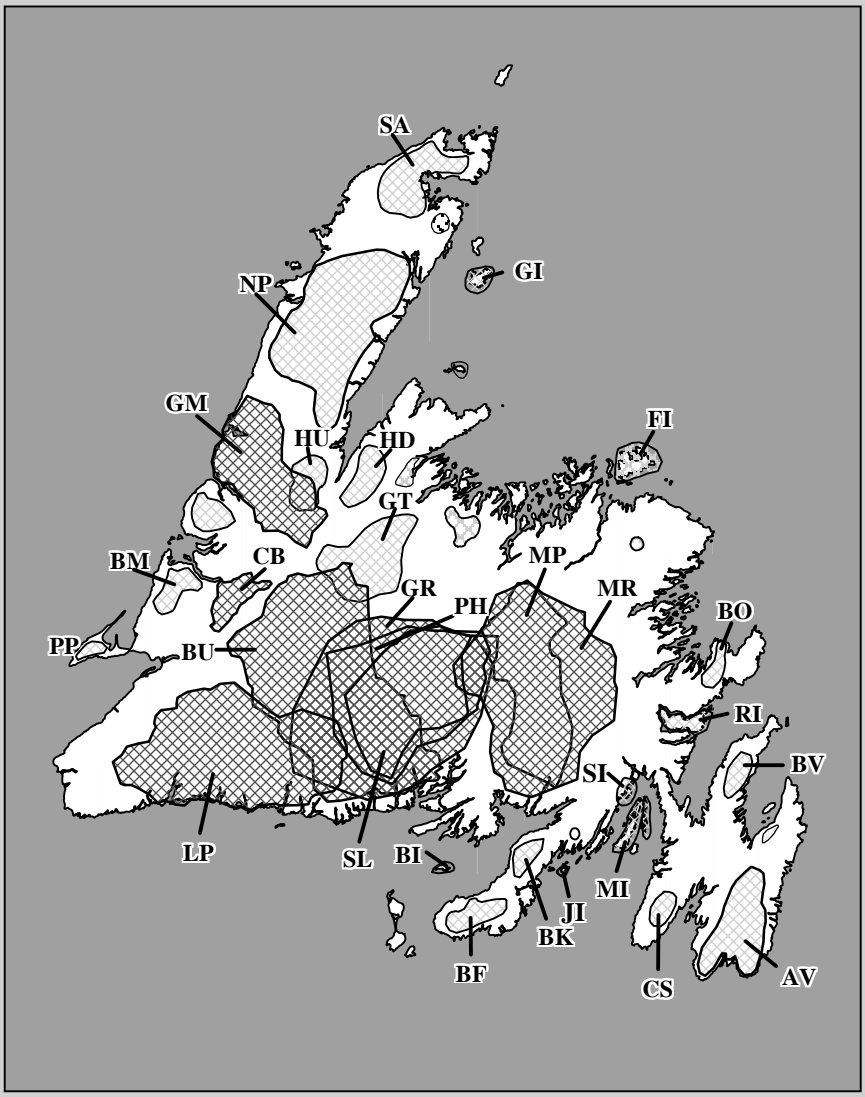


Fig. 14G-1 (con'd). Cohort reconstruction from caribou jawbones submitted by Insular Newfoundland hunters during the period 1978-1996. Birth year was calculated, or reconstructed, based on the year the caribou was harvested and the incisor age (estimated by cementum annuli technique). Calves and yearlings are an insignificant and variable part of the harvest, and for these reasons are excluded from the population reconstruction. Relative population size for each CMU is corrected by weighting each virtual population member by the inverse of the total number of jaws submitted during the year of harvest of this member. Reconstruction was separate by sex; females (dashed line) and males (solid line).

Section 14H:
Caribou Population Models



Caribou Herds

Avalon (AV)
Bay de Verde (BV)
Blow Me Down Mtn (BM)
Bonavista (BO)
Brunette Island (BI)
Burin Foot (BF)
Burin Knee (BK)
Buchans (BU)
Cape Shore (CS)
Corner Brook Lakes (CB)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
Hampden Downs (HD)
Humber (HU)
Jude Island (JI)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Northern Peninsula (NP)
Port au Port (PP)
Pot Hill (PH)
Random Island (RI)
Sandy Lake (SL)
Sound Island (SI)
St. Anthony (SA)

Table 14H-1a. Population model variables and results for the Avalon Caribou Herd. Initial population size was based on Bergerud (1971). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Input Variables							Results		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	125	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	425
Modified Survival	-	-	-	-	-	-	-	-	-	-
Modified Survival with Males	125	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	490
Modified Fecundity*	125	0.631	0.848	0.846	0.875	60.00	76.42	51.00	4.97	915
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	125	0.631	0.848	0.846	0.875	65.13	80.00	54.00	2.53	360
Refined Survival	125	0.627	0.848	0.846	0.875	60.00	80.00	54.00	2.43	405
Refined Fecundity*	125	0.631	0.848	0.846	0.875	60.00	76.42	50.75	4.89	1,009
Refined Sex Ratio	125	0.631	0.848	0.846	0.875	65.13	80.00	56.26	10.79	3,176
Refined Sex Ratio with Males	125	0.631	0.848	0.846	0.875	65.13	80.00	54.10	3.23	369
Refined Sex Ratio with Male Harvest	125	0.631	0.848	0.846	0.875	65.13	76.42	51.00	5.11	922

- Insufficient data to model

Table 14H-1b. Population model variables and results for the Buchans Caribou Herd. Initial population size was based on Bergerud (1971). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Input Variables							Results		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	550	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	1,868
Modified Survival	550	0.631	0.848	0.846	0.901	60.00	80.00	54.00	4.26	4,091
Modified Survival with Males	550	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	2,157
Modified Fecundity*	550	0.631	0.848	0.846	0.875	60.00	80.43	49.00	5.91	6,153
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	550	0.631	0.848	0.846	0.875	64.28	80.00	54.00	2.53	1,584
Refined Survival	550	0.328	0.848	0.846	0.875	60.00	80.00	60.00	-6.08	25
Refined Fecundity*	550	0.631	0.848	0.846	0.875	60.00	80.43	49.45	5.80	6,556
Refined Sex Ratio	550	0.631	0.848	0.846	0.875	64.28	80.00	55.33	7.99	8,760
Refined Sex Ratio with Males	550	0.631	0.848	0.846	0.875	64.28	80.00	54.10	2.88	1,619
Refined Sex Ratio with Male Harvest	550	0.631	0.848	0.846	0.875	64.28	80.43	49.00	5.72	6,154

- Insufficient data to model

Table 14H-1c. Population model variables and results for the Corner Brook Lakes Caribou Herd. Initial population size was based on based on best available records. Survival rates were calculated from radio telemetry data. Adult survival excludes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults[a]					
Simple	750	0.631	0.848	0.846	0.902	60.00	80.00	54.00	4.33	6,003
Modified Survival	750	0.579	0.892	0.671	0.894	60.00	80.00	54.00	0.04	765
Modified Survival with Males	750	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.875 (M)	0.902 (F) 0.902 (M)	60.00	80.00	54.00	4.83	7,590
Modified Fecundity*	750	0.631	0.848	0.846	0.902	60.00	76.42	51.00	6.64	12,362
Modified Fecundity* using Radioed Females	750	0.631	0.848	0.846	0.902	60.00	77.00	51.00	6.78	13,138
Modified Sex Ratio	750	0.631	0.848	0.846	0.902	57.11	80.00	54.00	4.33	5,206
Refined Survival	-	-	-	-	-	-	-	-	-	-
Refined Fecundity*	-	-	-	-	-	-	-	-	-	-
Refined Sex Ratio	750	0.631	0.848	0.846	0.902	57.11	80.00	55.13	5.17	6,670
Refined Sex Ratio with Males	750	0.631	0.848	0.846	0.902	57.11	80.00	54.53	4.29	4,636
Refined Sex Ratio with Male Harvest	-	-	-	-	-	-	-	-	-	-

[a] Unhunted herd - has higher adult survival

- Insufficient data to model

Table 14H-1d. Population model variables and results for the Gaff Topsails Caribou Herd. Initial population size was based on based on Bergerud (1959). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	50	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	170
Modified Survival	-	-	-	-	-	-	-	-	-	-
Modified Survival with Males	50	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	196
Modified Fecundity*	50	0.631	0.848	0.846	0.875	60.00	77.00	50.00	5.10	389
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	50	0.631	0.848	0.846	0.875	63.68	80.00	54.00	2.53	144
Refined Survival	50	0.636	0.848	0.846	0.875	60.00	80.00	54.00	2.65	180
Refined Fecundity*	50	0.631	0.848	0.846	0.875	60.00	77.00	50.53	5.02	430
Refined Sex Ratio	50	0.631	0.848	0.846	0.875	63.68	80.00	54.09	0.66	48
Refined Sex Ratio with Males	50	0.631	0.848	0.846	0.875	63.68	80.00	54.10	2.83	147
Refined Sex Ratio with Male Harvest	50	0.631	0.848	0.846	0.875	63.68	77.00	50.00	5.38	400

- Insufficient data to model

Table 14H-1e. Population model variables and results for the Grey River Caribou Herd. Initial population size was based on based on Bergerud (1959). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	1500	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	5,095
Modified Survival	1500	0.678	0.887	0.894	0.901	60.00	80.00	54.00	6.88	36,757
Modified Survival with Males	1500	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	5,882
Modified Fecundity*	1500	0.631	0.848	0.846	0.875	60.00	81.08	49.00	6.06	17,955
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	1500	0.631	0.848	0.846	0.875	68.56	80.00	54.00	2.53	4,321
Refined Survival	1500	0.735	0.848	0.846	0.875	60.00	80.00	52.00	4.86	15,252
Refined Fecundity*	1500	0.631	0.848	0.846	0.875	60.00	81.08	49.25	5.95	19,073
Refined Sex Ratio	1500	0.631	0.848	0.846	0.875	68.56	80.00	50.89	-7.92	3
Refined Sex Ratio with Males	1500	0.631	0.848	0.846	0.875	68.56	80.00	54.07	2.60	4,402
Refined Sex Ratio with Male Harvest	1500	0.631	0.848	0.846	0.875	68.56	81.08	49.00	5.81	17,952

- Insufficient data to model

Table 14H-1f. Population model variables and results for the Gros Morne Caribou Herd. Initial population size was based on based on best available records. Survival rates were calculated from radio telemetry data. Adult survival excludes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults[a]					
Simple	50	0.631	0.848	0.846	0.902	60.00	80.00	54.00	4.33	400
Modified Survival	50	0.546	0.902	0.944	0.920	60.00	80.00	56.00	6.22	916
Modified Survival with Males	50	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.875 (M)	0.902 (F) 0.902 (M)	60.00	80.00	54.00	4.83	506
Modified Fecundity*	50	0.631	0.848	0.846	0.902	60.00	81.14	49.00	7.73	1,341
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	50	0.631	0.848	0.846	0.902	63.98	80.00	54.00	4.33	347
Refined Survival	50	0.367	0.848	0.846	0.902	60.00	80.00	59.00	-2.93	12
Refined Fecundity*	50	0.631	0.848	0.846	0.902	60.00	81.14	49.77	7.60	1,243
Refined Sex Ratio	50	0.631	0.848	0.846	0.902	63.98	80.00	55.07	5.20	461
Refined Sex Ratio with Males	50	0.631	0.848	0.846	0.902	63.98	80.00	54.49	4.23	308
Refined Sex Ratio with Male Harvest	-	-	-	-	-	-	-	-	-	-

[a] Unhunted herd - has higher adult survival

- Insufficient data to model

Table 14H-1g. Population model variables and results for the Hampden Downs Caribou Herd. Initial population size was based on based on Bergerud (1959). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	150	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	509
Modified Survival	-	-	-	-	-	-	-	-	-	-
Modified Survival with Males	150	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	588
Modified Fecundity*	-	-	-	-	-	-	-	-	-	-
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	150	0.631	0.848	0.846	0.875	54.64	80.00	54.00	2.53	4.32
Refined Survival	-	-	-	-	-	-	-	-	-	-
Refined Fecundity*	-	-	-	-	-	-	-	-	-	-
Refined Sex Ratio	150	0.631	0.848	0.846	0.875	54.64	80.00	54.17	3.38	635
Refined Sex Ratio with Males	150	0.631	0.848	0.846	0.875	54.64	80.00	54.14	2.51	441
Refined Sex Ratio with Male Harvest	-	-	-	-	-	-	-	-	-	-

- Insufficient data to model

Table 14H-1h. Population model variables and results for the Humber Caribou Herd. Initial population size was based on based on Bergerud (1971). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	105	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	357
Modified Survival	-	-	-	-	-	-	-	-	-	-
Modified Survival with Males	105	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	412
Modified Fecundity*	-	-	-	-	-	-	-	-	-	-
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	105	0.631	0.848	0.846	0.875	77.67	80.00	54.00	2.53	302
Refined Survival	-	-	-	-	-	-	-	-	-	-
Refined Fecundity*	-	-	-	-	-	-	-	-	-	-
Refined Sex Ratio	105	0.631	0.848	0.846	0.875	77.67	80.00	54.10	2.74	343
Refined Sex Ratio with Males	105	0.631	0.848	0.846	0.875	77.67	80.00	54.03	2.47	307
Refined Sex Ratio with Male Harvest	-	-	-	-	-	-	-	-	-	-

- Insufficient data to model

Table 14H-1i. Population model variables and results for the La Poile Caribou Herd. Initial population size was based on based on Bergerud (1971). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	500	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	1,698
Modified Survival	500	0.659	0.798	0.740	0.842	60.00	80.00	53.00	-1.84	206
Modified Survival with Males	500	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	1,961
Modified Fecundity*	500	0.631	0.848	0.846	0.875	60.00	79.00	50.00	5.57	4,817
Modified Fecundity* using Radioed Females	500	0.631	0.848	0.846	0.875	60.00	59.00	57.00	0.58	476
Modified Sex Ratio	500	0.631	0.848	0.846	0.875	71.10	80.00	54.00	2.53	1,440
Refined Survival	500	0.632	0.848	0.846	0.875	60.00	80.00	54.00	2.55	1,714
Refined Fecundity*	500	0.631	0.848	0.846	0.875	60.00	79.00	49.89	5.53	5,217
Refined Sex Ratio	500	0.631	0.848	0.846	0.875	71.10	80.00	52.96	0.11	282
Refined Sex Ratio with Males	500	0.631	0.848	0.846	0.875	71.10	80.00	54.06	2.64	1,467
Refined Sex Ratio with Male Harvest	500	0.631	0.848	0.846	0.875	71.10	79.00	50.00	5.46	4,841

- Insufficient data to model

Table 14H-1j. Population model variables and results for the Middle Ridge Caribou Herd. Initial population size was based on based on Bergerud (1959). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	365	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	1,240
Modified Survival	365	0.550	0.762	0.752	0.842	60.00	80.00	55.00	-4.69	37
Modified Survival with Males	365	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	1,431
Modified Fecundity*	365	0.631	0.848	0.846	0.875	60.00	83.04	48.00	6.50	5,344
Modified Fecundity* using Radioed Females	365	0.631	0.848	0.846	0.875	60.00	61.00	56.00	1.12	447
Modified Sex Ratio	365	0.631	0.848	0.846	0.875	64.15	80.00	54.00	2.53	1,051
Refined Survival	365	0.657	0.848	0.846	0.875	60.00	80.00	54.00	3.13	1,651
Refined Fecundity*	365	0.631	0.848	0.846	0.875	60.00	83.04	48.66	6.48	5,571
Refined Sex Ratio	365	0.631	0.848	0.846	0.875	64.15	80.00	54.94	5.13	2,527
Refined Sex Ratio with Males	365	0.631	0.848	0.846	0.875	64.15	80.00	54.09	2.73	1,073
Refined Sex Ratio with Male Harvest	365	0.631	0.848	0.846	0.875	64.15	83.04	48.00	6.33	5,401

- Insufficient data to model

Table 14H-1k. Population model variables and results for the Mount Peyton Caribou Herd. Initial population size was based on based on Bergerud (1971). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	150	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	509
Modified Survival	150	0.852	0.796	0.846	0.900	60.00	80.00	51.00	7.85	5,669
Modified Survival with Males	150	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	588
Modified Fecundity*	150	0.631	0.848	0.846	0.875	60.00	77.48	50.00	5.22	1,230
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	150	0.631	0.848	0.846	0.875	66.19	80.00	54.00	2.53	432
Refined Survival	-	-	-	-	-	-	-	-	-	-
Refined Fecundity*	150	0.631	0.848	0.846	0.875	60.00	77.48	50.41	5.04	1,351
Refined Sex Ratio	150	0.631	0.848	0.846	0.875	66.19	80.00	53.69	-1.10	66
Refined Sex Ratio with Males	150	0.631	0.848	0.846	0.875	66.19	80.00	54.08	2.57	440
Refined Sex Ratio with Male Harvest	150	0.631	0.848	0.846	0.875	66.19	77.48	50.00	4.91	1,230

- Insufficient data to model

Table 14H-11. Population model variables and results for the Northern Peninsula Caribou Herd. Initial population size was based on based on Bergerud (1971). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	375	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	1,274
Modified Survival	-	-	-	-	-	-	-	-	-	-
Modified Survival with Males	375	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	1,470
Modified Fecundity*	375	0.631	0.848	0.846	0.875	60.00	89.28	47.00	7.90	10,217
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	375	0.631	0.848	0.846	0.875	53.62	80.00	54.00	2.53	1,080
Refined Survival	375	0.535	0.848	0.846	0.875	60.00	80.00	56.00	0.16	406
Refined Fecundity*	375	0.631	0.848	0.846	0.875	60.00	89.28	46.85	7.90	10,108
Refined Sex Ratio	375	0.631	0.848	0.846	0.875	53.62	80.00	54.49	2.72	1,054
Refined Sex Ratio with Males	375	0.631	0.848	0.846	0.875	53.62	80.00	54.15	2.95	1,106
Refined Sex Ratio with Male Harvest	375	0.631	0.848	0.846	0.875	53.62	89.28	47.00	7.80	10,218

- Insufficient data to model

Table 14H-1m. Population model variables and results for the Pot Hill Caribou Herd. Initial population size was based on based on Bergerud (1959). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	1300	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	4,415
Modified Survival	1300	0.709	0.732	0.846	0.890	50.00	80.00	53.00	3.08	5,579
Modified Survival with Males	1300	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	5,098
Modified Fecundity*	1300	0.631	0.848	0.846	0.875	60.00	83.37	48.00	6.58	19,684
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	1300	0.631	0.848	0.846	0.875	66.08	80.00	54.00	2.53	3,745
Refined Survival	-	-	-	-	-	-	-	-	-	-
Refined Fecundity*	1300	0.631	0.848	0.846	0.875	60.00	83.37	48.56	6.52	20,499
Refined Sex Ratio	1300	0.631	0.848	0.846	0.875	66.08	80.00	54.01	3.10	4,565
Refined Sex Ratio with Males	1300	0.631	0.848	0.846	0.875	66.08	80.00	54.08	2.63	3,817
Refined Sex Ratio with Male Harvest	1300	0.631	0.848	0.846	0.875	66.08	83.37	48.00	6.37	19,680

- Insufficient data to model

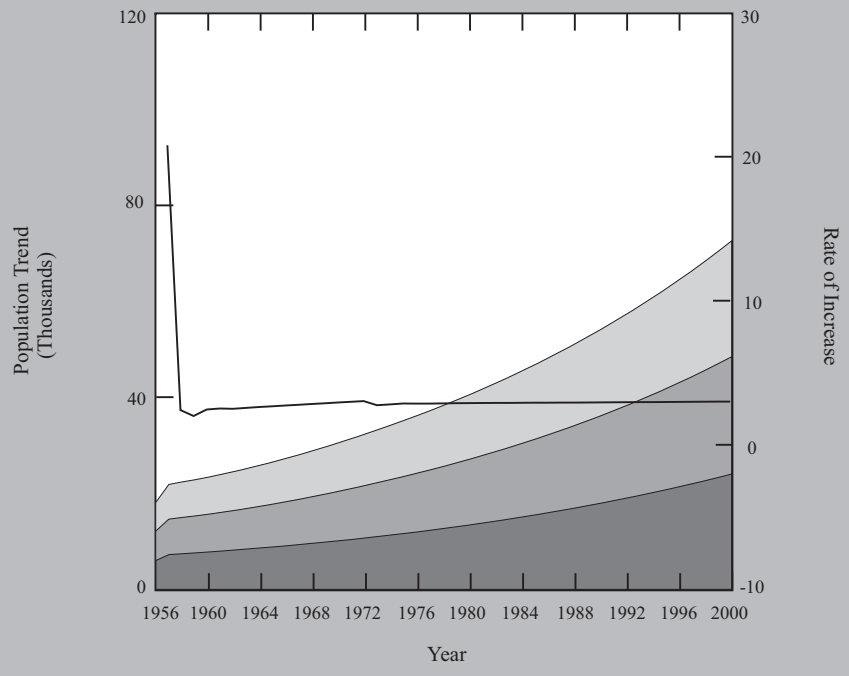
Table 14H-1n. Population model variables and results for the Sandy Lake Caribou Herd. Initial population size was based on based on Bergerud (1971). Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. Equilibrium values for percent reproductive does and rate of increase are given for simple and modified models, whereas average values are given for refined models. F = female, M = male.

Model	Inputs							Outputs		
	Initial Population Size (1956)	Survival				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	75	0.631	0.848	0.846	0.875	60.00	80.00	54.00	2.53	255
Modified Survival	75	0.604	0.848	0.846	0.877	60.00	80.00	55.00	2.02	196
Modified Survival with Males	75	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806 (M)	0.872 (F) 0.816 (M)	60.00	80.00	54.00	2.83	294
Modified Fecundity*	75	0.631	0.848	0.846	0.875	60.00	78.93	50.00	5.56	726
Modified Fecundity* using Radioed Females	-	-	-	-	-	-	-	-	-	-
Modified Sex Ratio	75	0.631	0.848	0.846	0.875	67.81	80.00	54.00	2.53	216
Refined Survival	-	-	-	-	-	-	-	-	-	-
Refined Fecundity*	75	0.631	0.848	0.846	0.875	60.00	78.93	49.91	5.53	778
Refined Sex Ratio	75	0.631	0.848	0.846	0.875	67.81	80.00	53.63	5.13	438
Refined Sex Ratio with Males	75	0.631	0.848	0.846	0.875	67.81	80.00	54.08	2.81	221
Refined Sex Ratio with Male Harvest	-	-	-	-	-	-	-	-	-	-

- Insufficient data to model

Table 14H-1o. Population model variables and results for all Insular Newfoundland caribou herds combined. This model is the sum of the population models for individual herds (Tables 14G-1a-n). When input variables differed among herds, the range of input values used for the individual models are listed. Initial population size was based on population estimates given by Bergerud (1959, 1971) or the best available data. Survival rates were calculated from radio telemetry data. Adult survival includes losses to hunting and poaching. Fecundity applies to females greater than two years of age, unless fecundity was manipulated in the model (*) then fecundity applies to females greater than one year of age. For model results, the range of values from individual herd models is listed for percent reproductive does. Equilibrium values for rate of increase are given for simple and modified models, whereas average rates of increase are given for refined models. Final predicted population size in the year 2000 represents the sum of predicted population sizes for all individual herds. F = female, M = male.

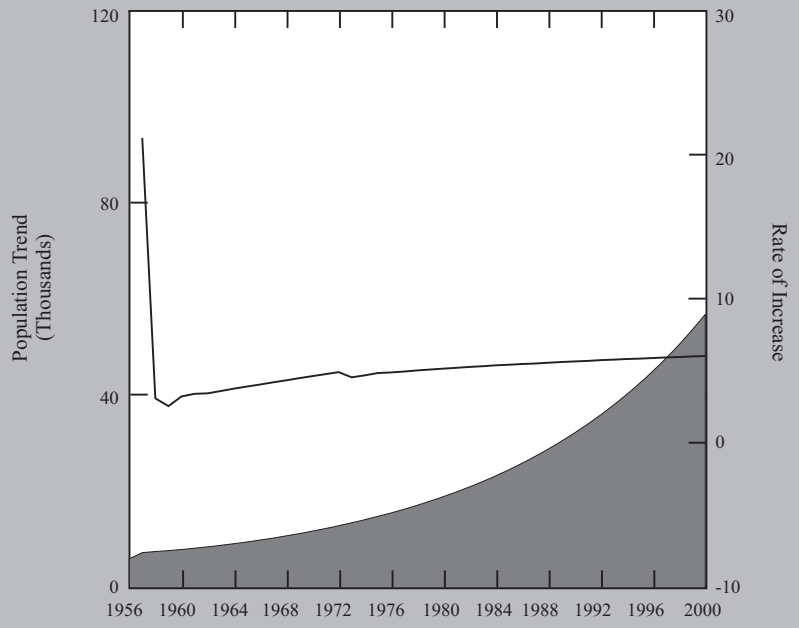
Model	Input Variables							Results		
	Initial Population Size (1956)	Survival Rate				Sex Ratio (% Does)	Fecundity (%)	Reproductive Does (%)	Rate of Increase (r_s)	Final Population Size (2000)
		Calves	Yearlings	Two-year olds	Adults					
Simple	6,045	0.631	0.848	0.846	0.875-0.902	60.00	80.00	54.00	3.24	24,217
Modified Survival	6,045	0.546-0.852	0.732-0.902	0.671-0.944	0.842-0.920	60.00	80.00	51.00-56.00	5.24	56,948
Modified Survival with Males	6,045	0.631 (F) 0.631 (M)	0.848 (F) 0.848 (M)	0.875 (F) 0.806-0.875(M)	0.872-0.902(F) 0.816-0.902(M)	60.00	80.00	54.00	3.64	28,663
Modified Fecundity	6,045	0.631	0.848	0.846	0.875-0.902	60.00	76.42-89.28	47.00-51.00	5.91	75,638
Modified Fecundity using Radioed Females	6,045	0.631	0.848	0.846	0.875-0.902	60.00	59.00-77.00	51.00-57.00	3.66	29,338
Modified Sex Ratio	6,045	0.631	0.848	0.846	0.875-0.902	53.62-77.67	80.00	54.00	2.83	20,663
Refined Survival	6,045	0.328-0.735	0.848	0.846	0.875-0.902	60.00	80.00	52.00-60.00	3.86	31,694
Refined Fecundity	6,045	0.631	0.848	0.846	0.875-0.902	60.00	76.42-89.28	46.85-50.75	6.01	78,704
Refined Sex Ratio	6.045	0.631	0.848	0.846	0.875-0.902	53.62-77.67	80.00	50.89-56.26	3.77	29,028
Refined Sex Ratio with Males	6,045	0.631	0.848	0.846	0.875-0.902	53.62-77.67	80.00	54.03-54.53	2.82	20,354
Refined Sex Ratio with Male Harvest	6,045	0.631	0.848	0.846	0.875	53.62-71.10	76.42-89.28	47.00-51.00	6.11	81,784



a. Simple Model

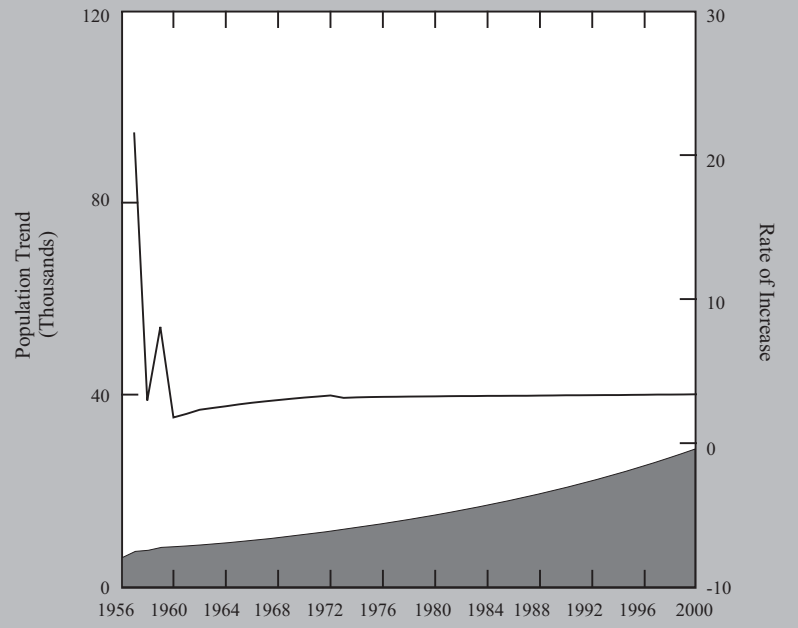
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-1. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for all Newfoundland caribou herds combined. Model parameters were herd size in 1956, age structure, survival, fecundity and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959, 1971) or best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data from individual herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

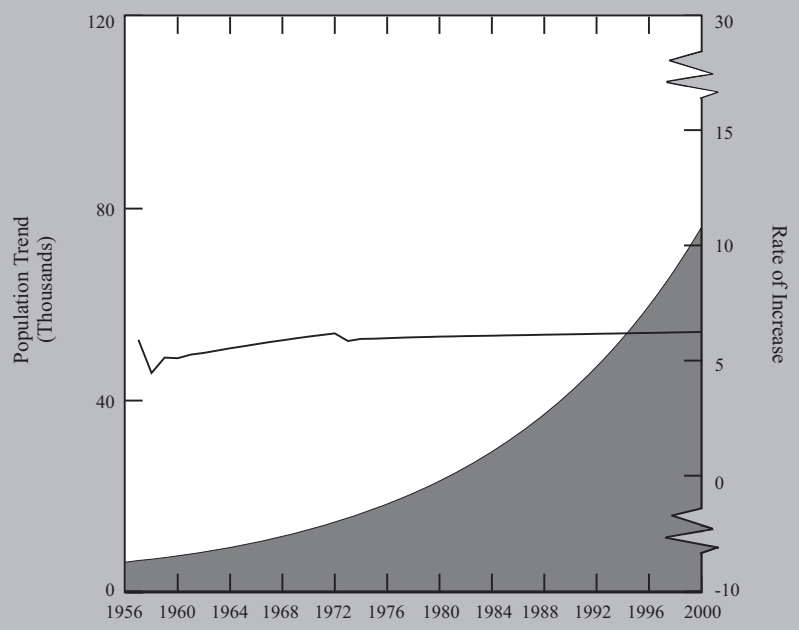


Year

c. Modified Survival Model with Males

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

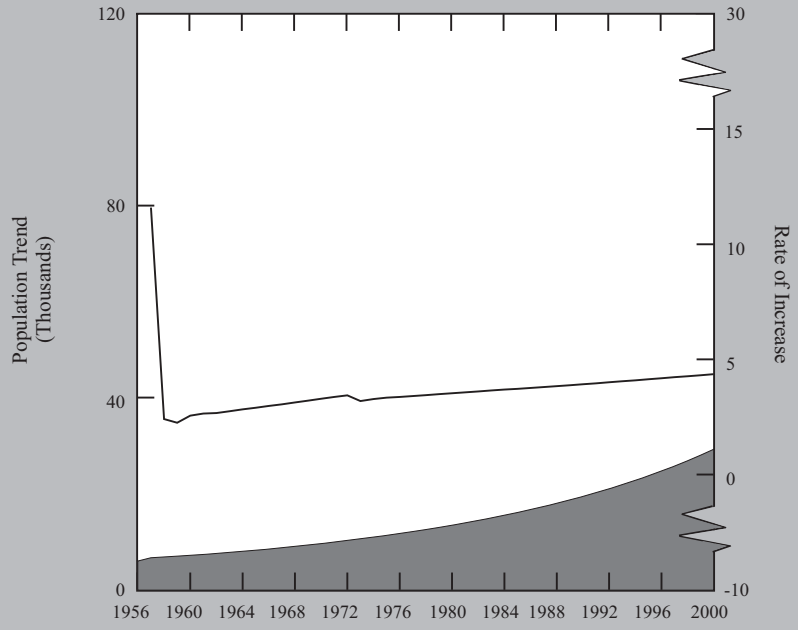
Fig. 14H-1 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for all Newfoundland caribou herds combined. Model parameters were herd size in 1956, age structure, survival, fecundity and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959, 1971) or best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed from mean productivity estimates based on spring composition surveys of females ≥ 2 years old in individual herds
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

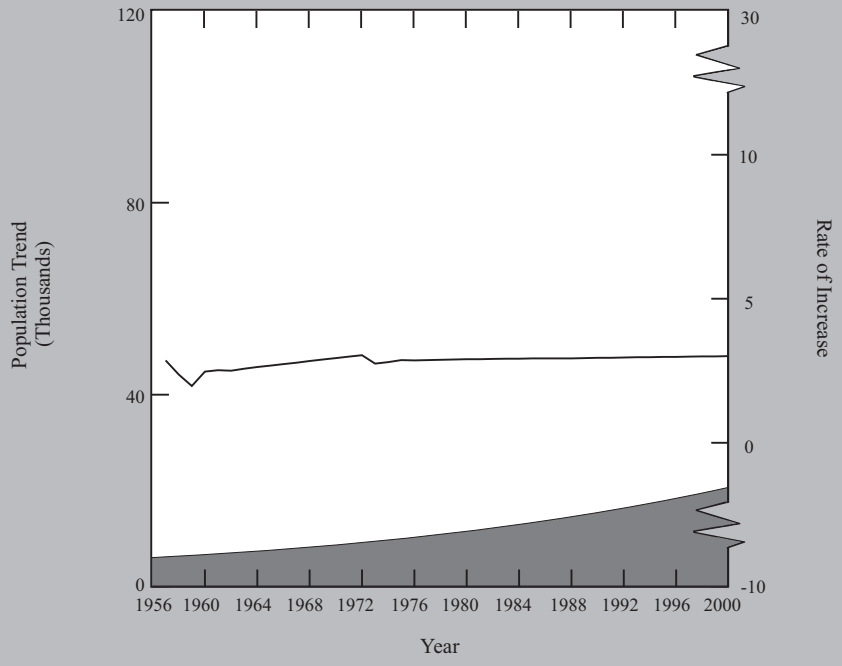
Year



e. Modified Fecundity Model using Radioed Females

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed from mean productivity estimates based on observations of radio-collared females ≥ 2 years old
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

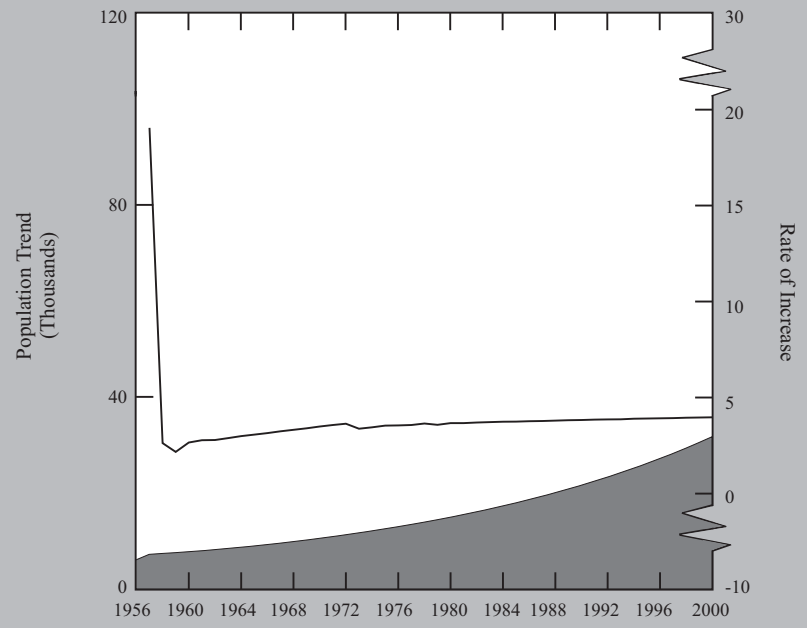
Fig. 14H-1 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for all Newfoundland caribou herds combined. Model parameters were herd size in 1956, age structure, survival, fecundity and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959, 1971) or best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Modified Sex Ratio Model

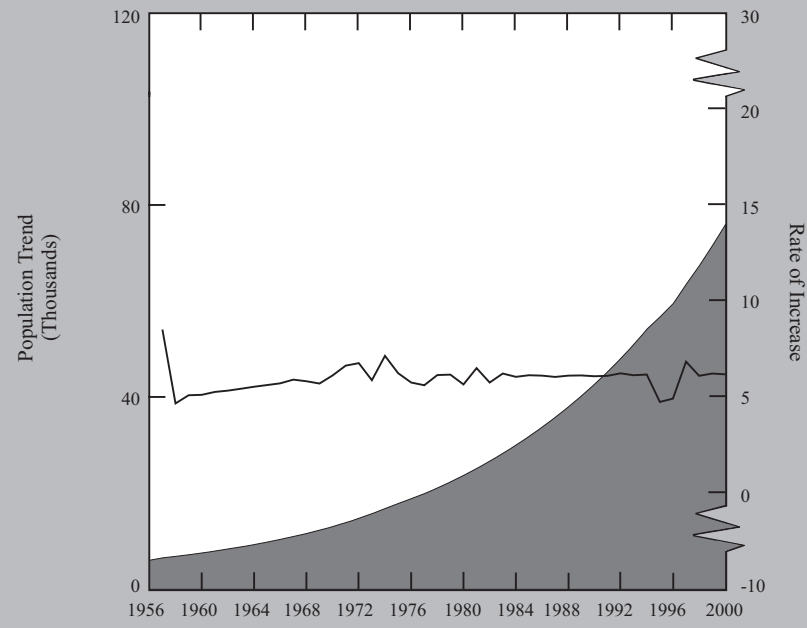
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** females fixed based on mean of all classifications during fall composition surveys of individual herds (adults & yearlings) and 50% (calves)

Fig. 14H-1 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for all Newfoundland caribou herds combined. Model parameters were herd size in 1956, age structure, survival, fecundity and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959, 1971) or best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



g. Refined Survival Model

***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for an individual herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

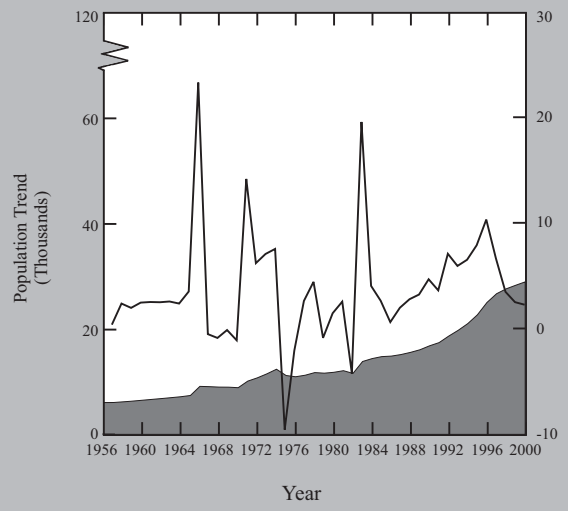


h. Refined Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

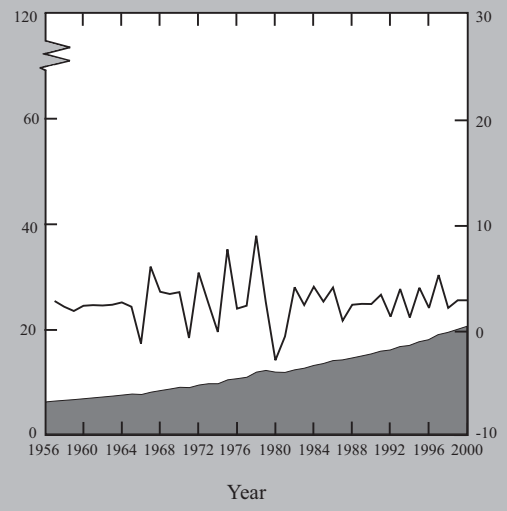
Year

Fig. 14H-1 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for all Newfoundland caribou herds combined. Model parameters were herd size in 1956, age structure, survival, fecundity and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959, 1971) or best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



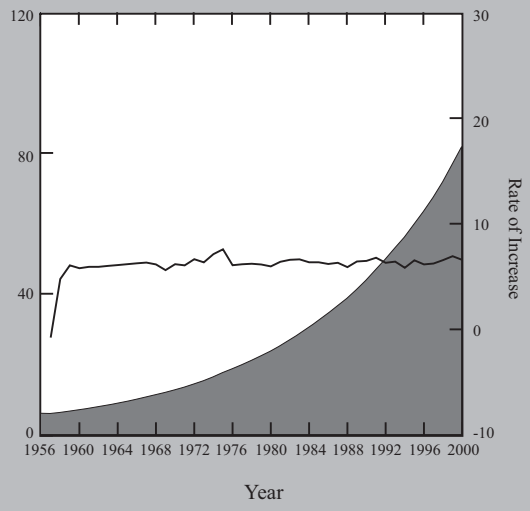
i. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of individual herds; fixed at 50% for calves



j. Refined Sex Ratio Model with Males

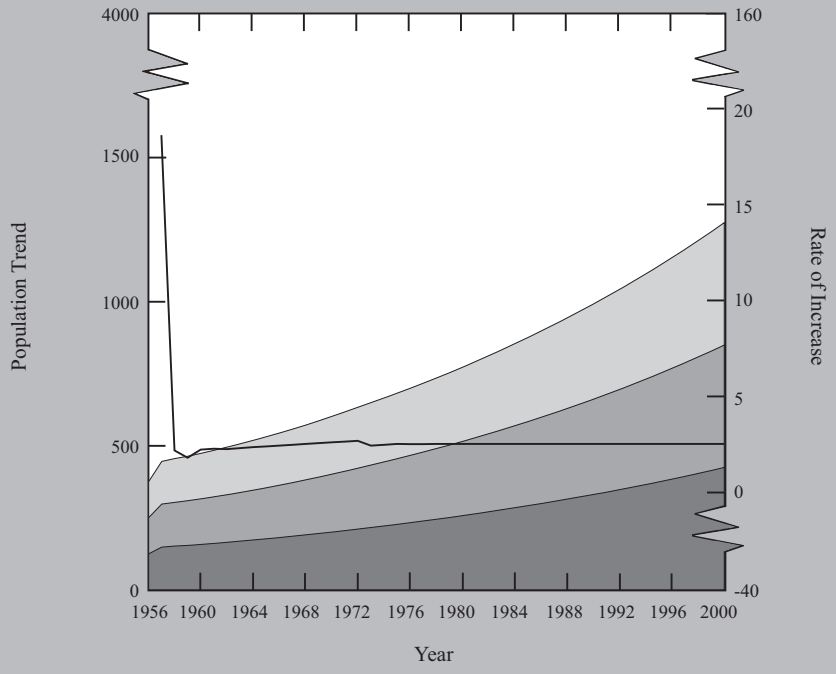
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of individual herds; fixed at 50% for calves



k. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed from mean productivity estimates based on spring composition surveys of females ≥ 2 years old in individual herds
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags; fixed at 50% for calves

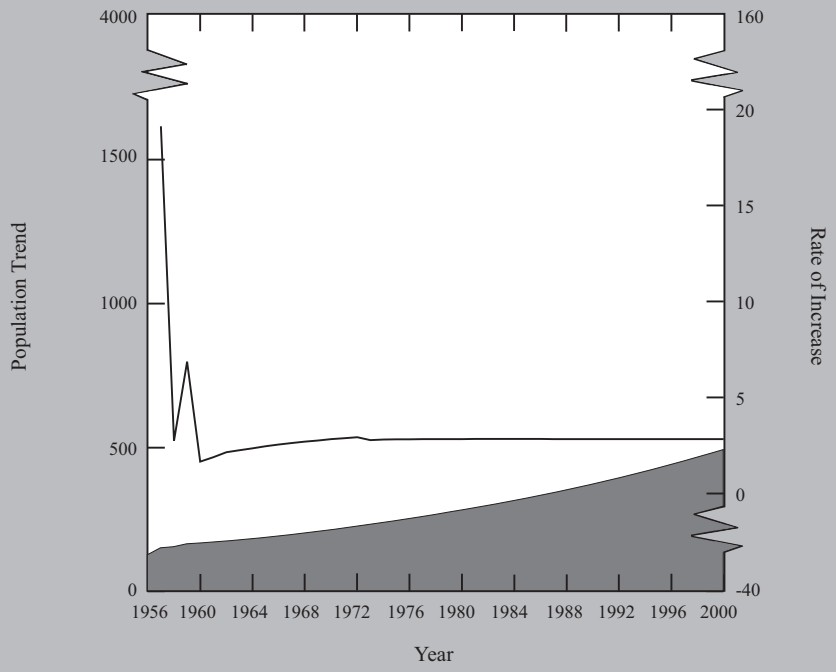
Fig. 14H-1 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for all Newfoundland caribou herds combined. Model parameters were herd size in 1956, age structure, survival, fecundity and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959, 1971) or best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



a. Simple Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

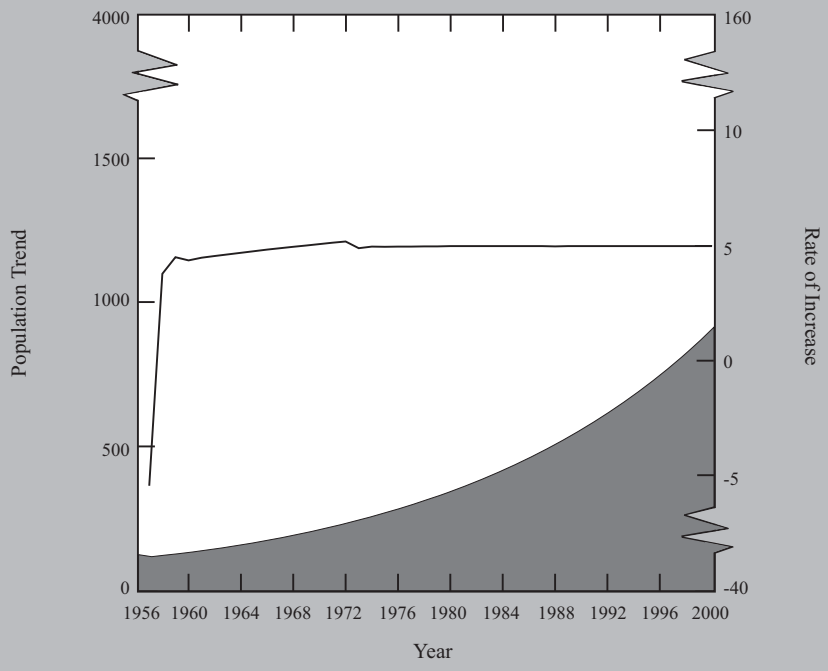
Fig. 14H-2. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Avalon Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model with Males

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

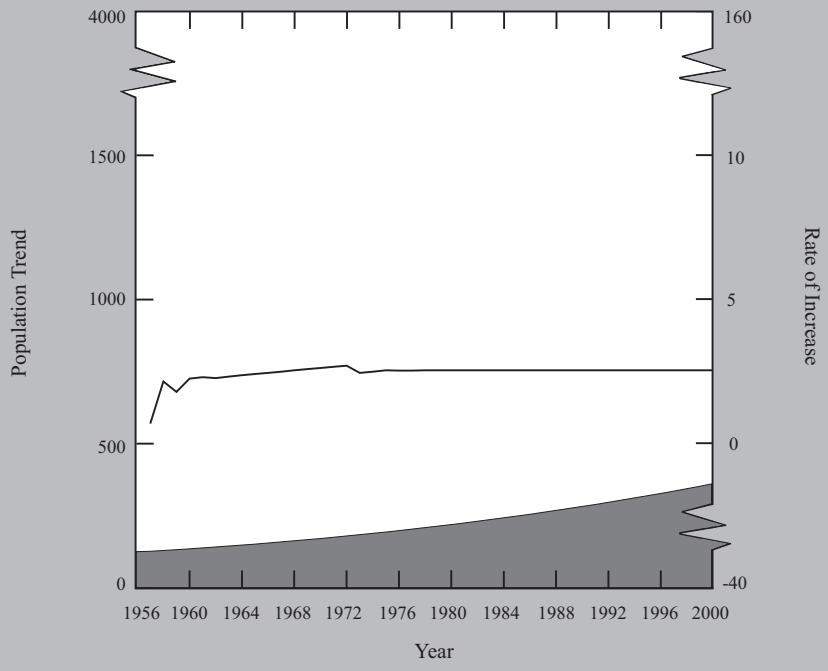
Fig. 14H-2 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Avalon Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



c. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 76.42% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Avalon Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

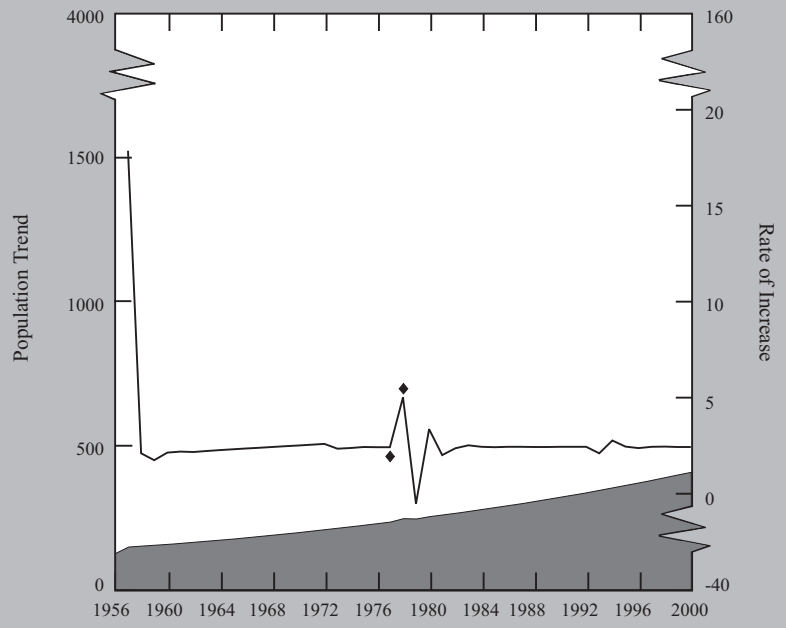
Fig. 14H-2 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Avalon Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Sex Ratio Model

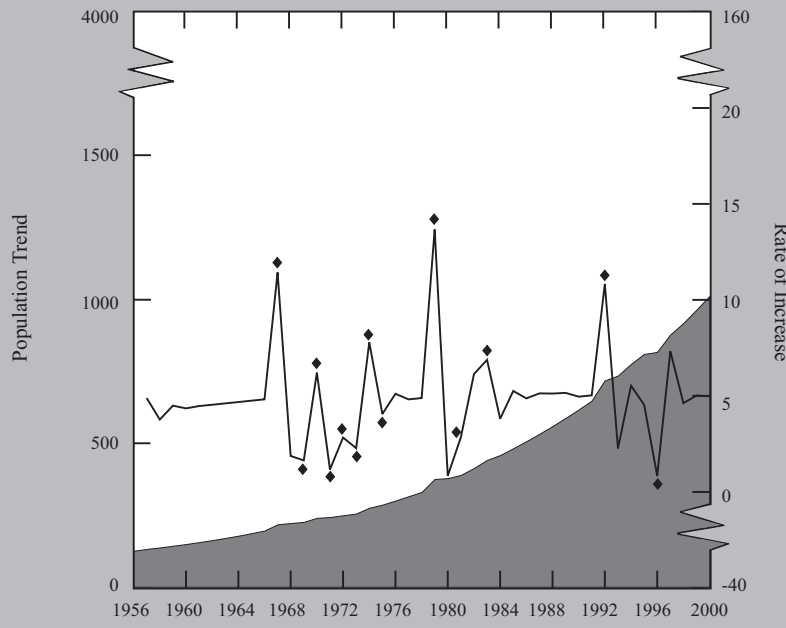
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 65.13% based on mean of all classifications during fall composition surveys of the Avalon Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-2 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Avalon Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Refined Survival Model

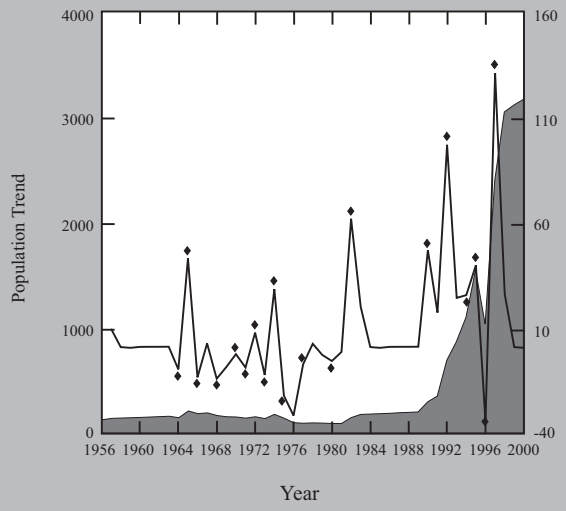
***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for the Avalon Caribou Herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)



f. Refined Fecundity Model

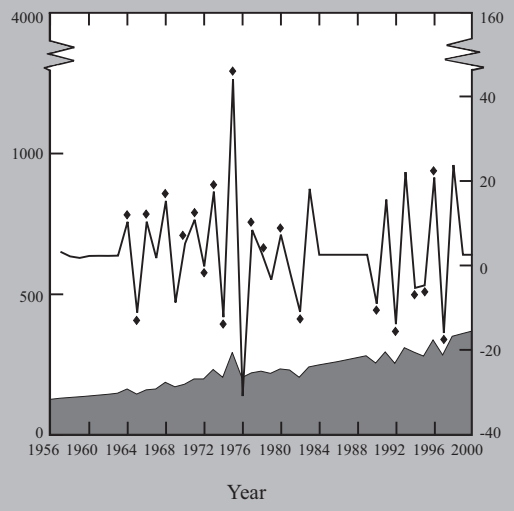
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old in the Avalon Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-2 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Avalon Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



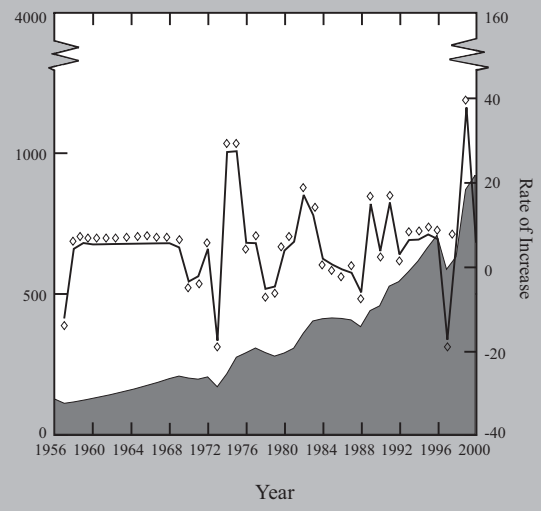
g. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Avalon Caribou Herd; fixed at 50% for calves



h. Refined Sex Ratio Model with Males

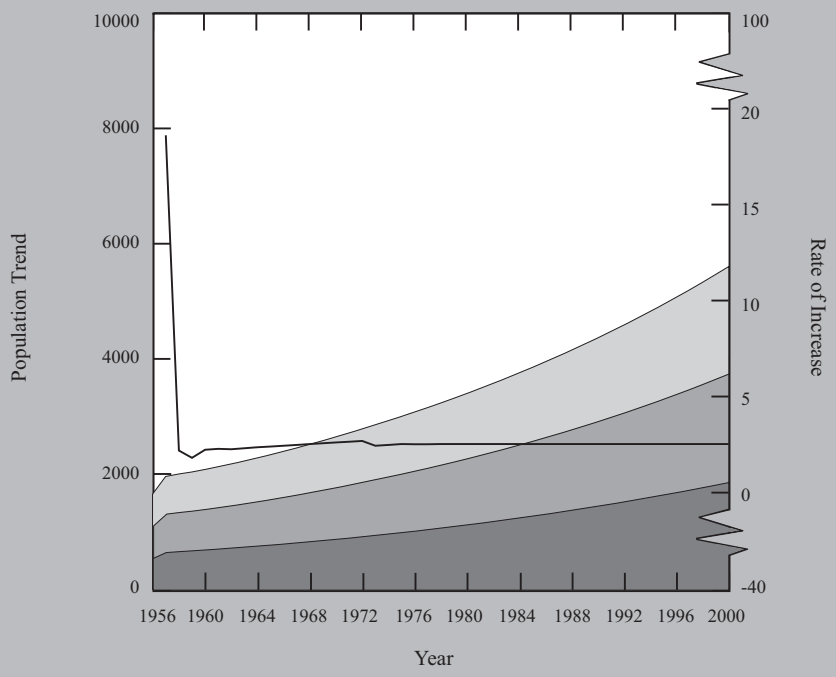
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Avalon Caribou Herd; fixed at 50% for calves



i. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 76.42% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Avalon Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 65; fixed at 50% for calves

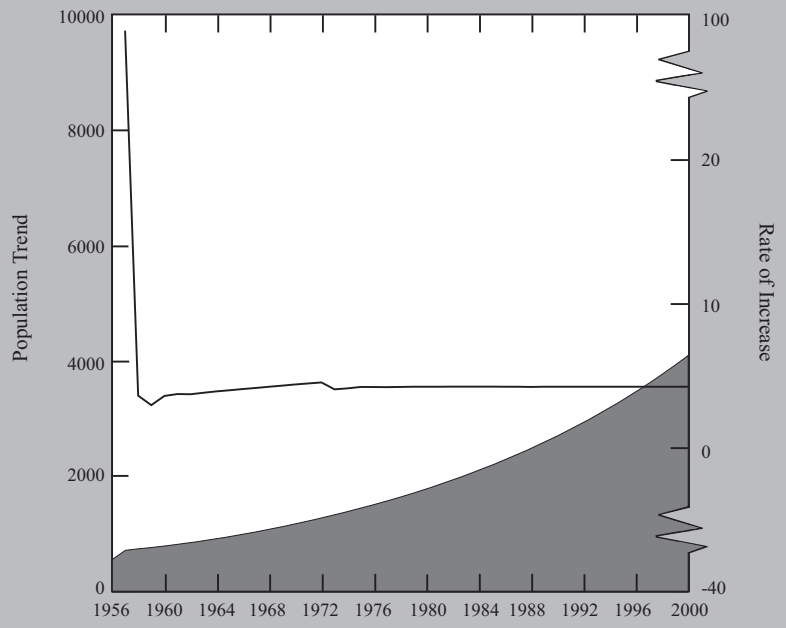
Fig. 14H-2 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Avalon Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information were used where available; herd averages were applied in all other years.



a. Simple Model

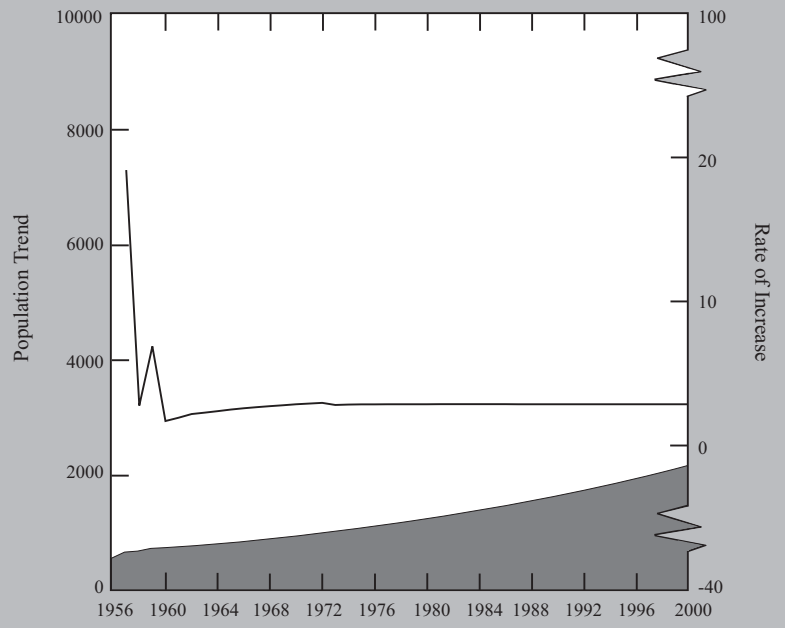
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-3. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Buchans Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data for the Buchans Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

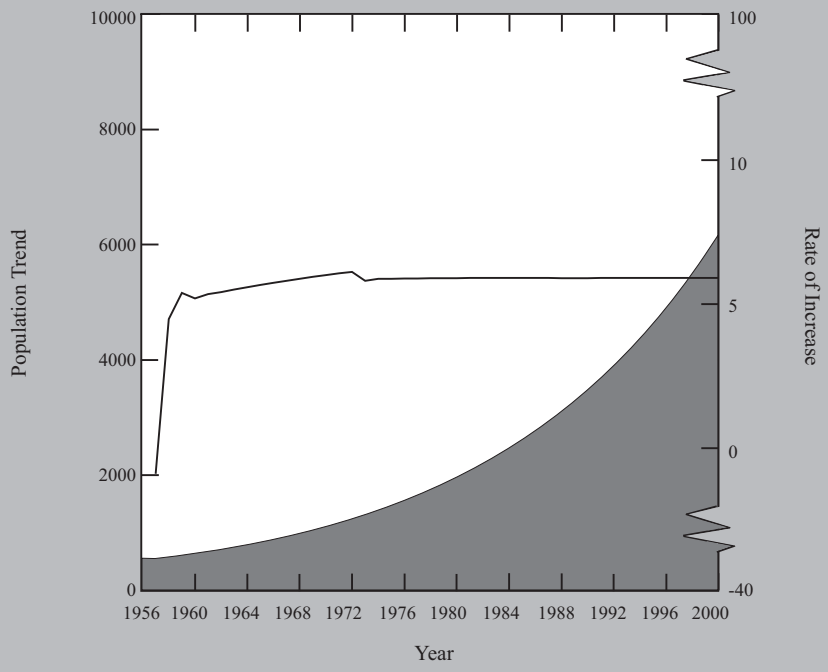


c. Modified Survival Model with Males

Year

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

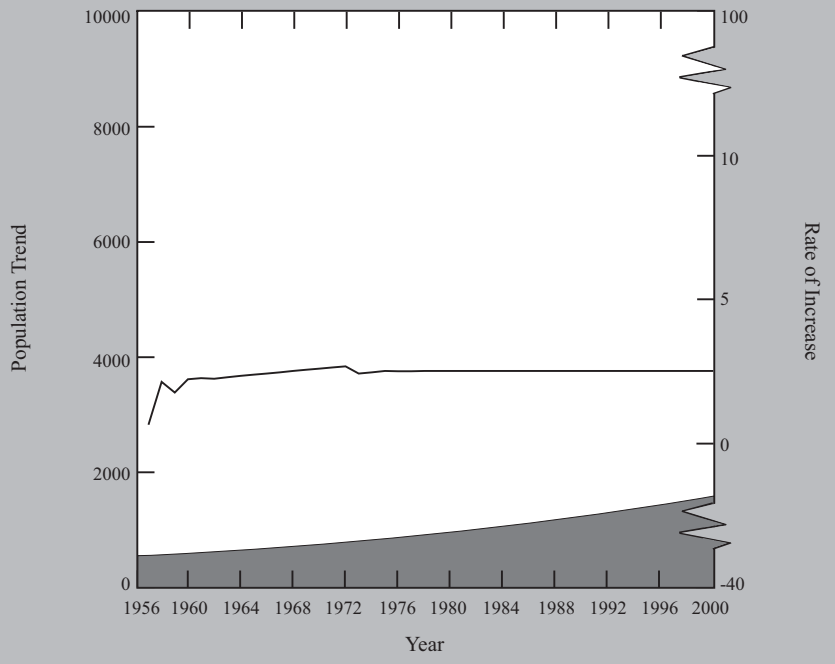
Fig. 14H-3 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Buchans Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 80.43% of females ≥ 2 years, based on mean productivity estimates from spring composition surveys of the Buchans Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

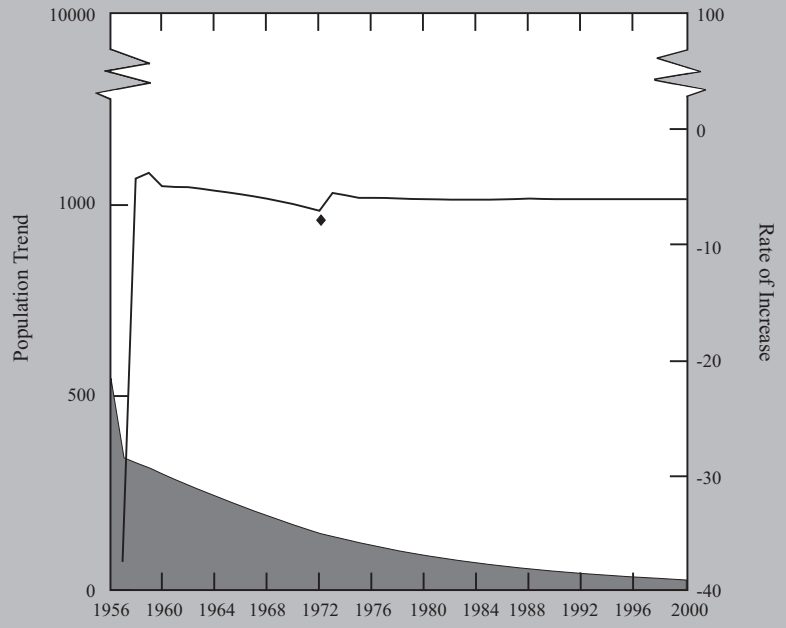
Fig. 14H-3 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Buchans Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Modified Sex Ratio Model

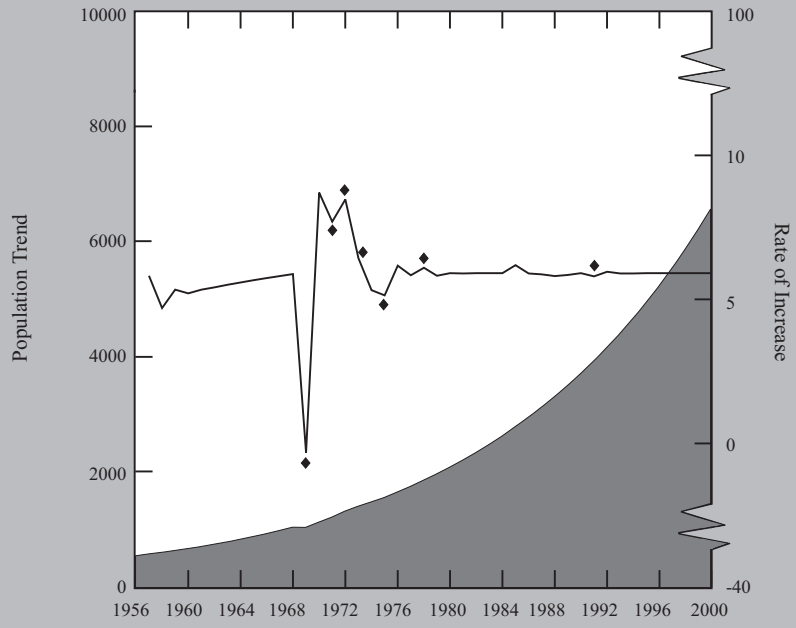
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 64.28% based on mean of all classifications during fall composition surveys of the Buchans Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-3 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Buchans Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Refined Survival Model

***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for the Buchans Caribou Herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

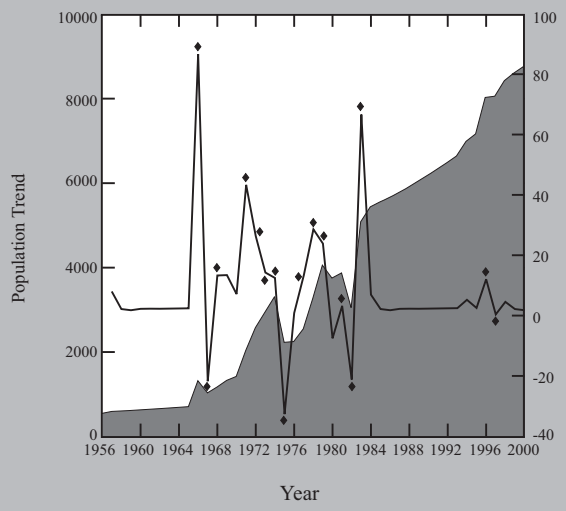


g. Refined Fecundity Model

Year

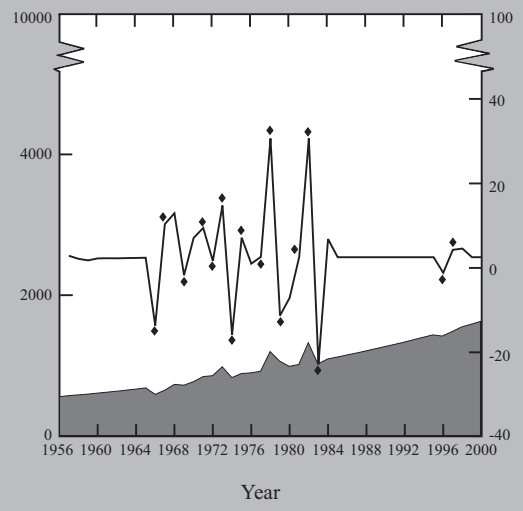
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old in the Buchans Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-3 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Buchans Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



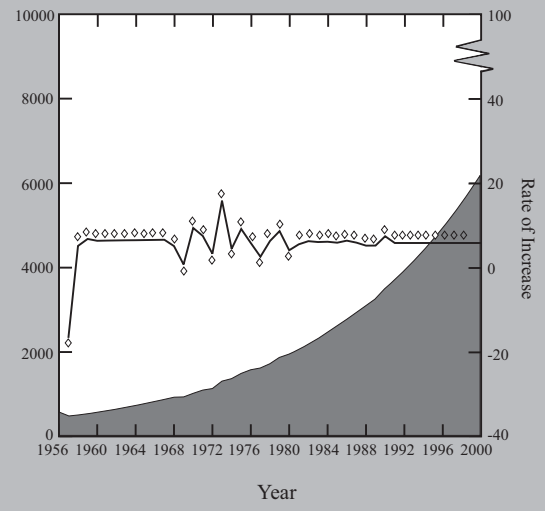
h. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Buchans Caribou Herd; fixed at 50% for calves



i. Refined Sex Ratio Model with Males

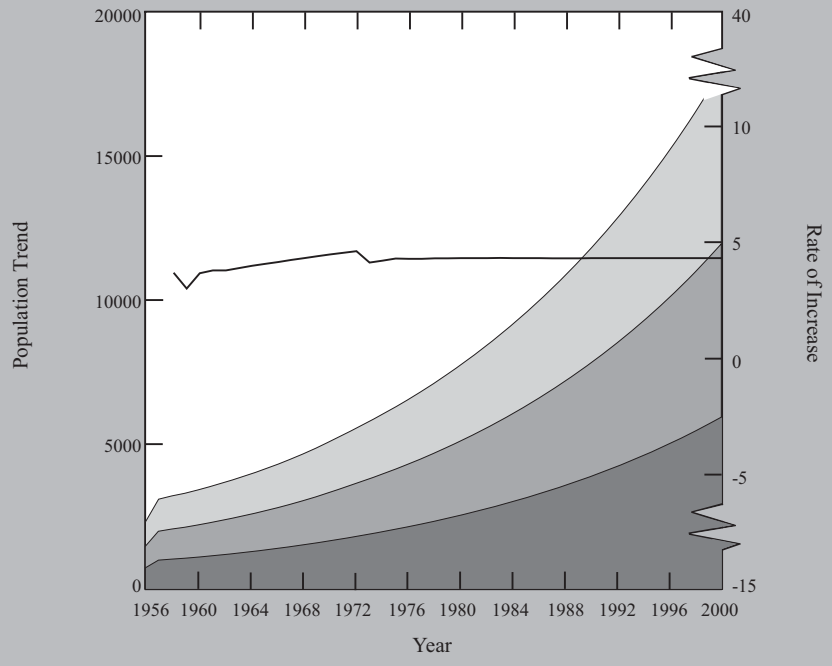
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Buchans Caribou Herd; fixed at 50% for calves



j. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 80.43% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Buchans Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 62; fixed at 50% for calves

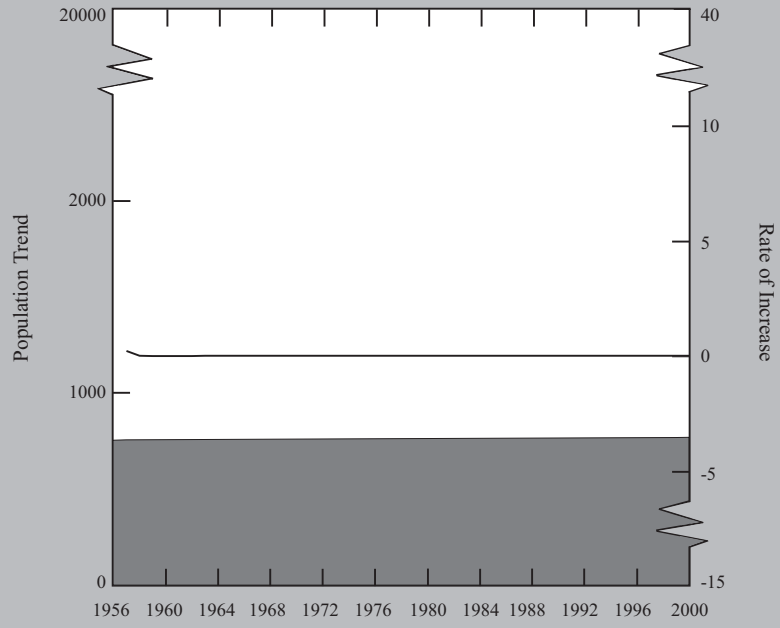
Fig. 14H-3 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Buchans Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information were used where available; herd averages were applied in all other years.



a. Simple Model

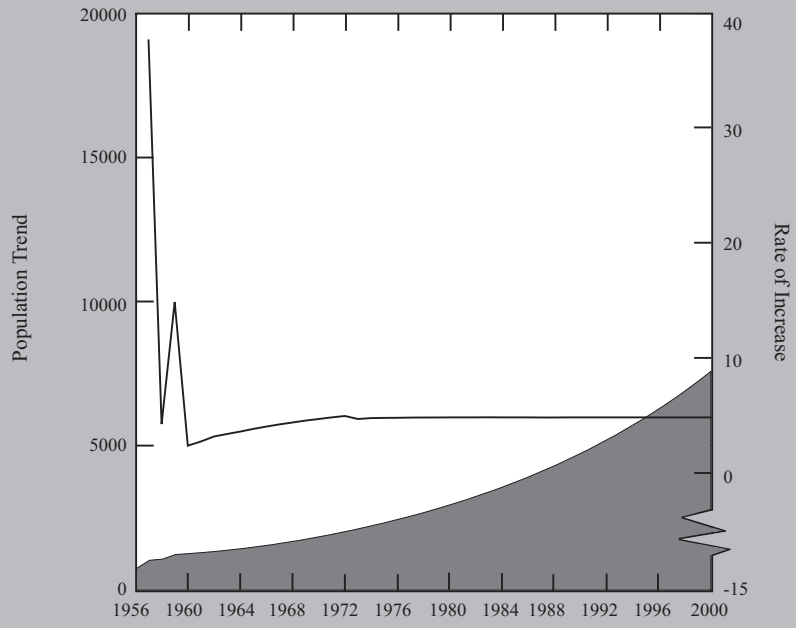
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-4. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Corner Brook Lakes Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data for the Corner Brook Lakes Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

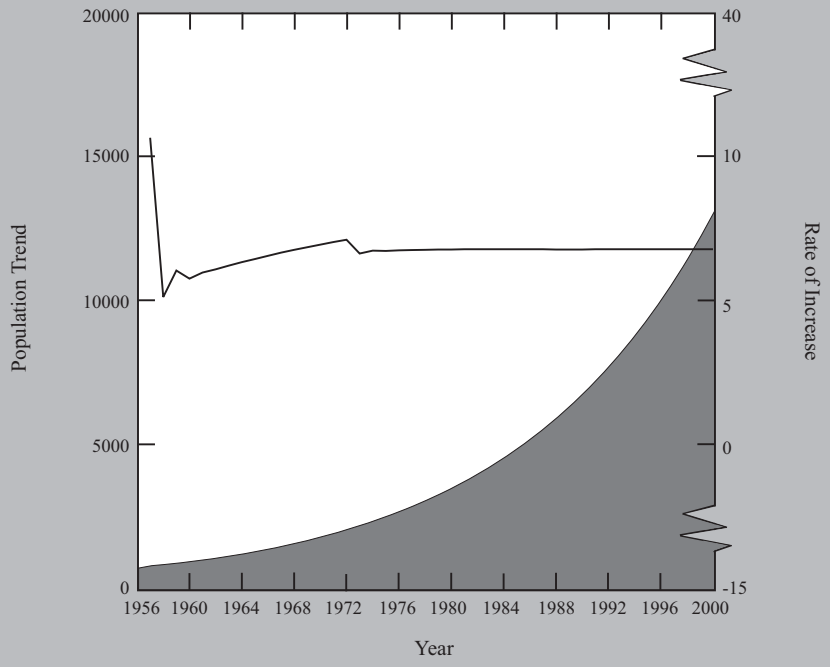


c. Modified Survival Model with Males

Year

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

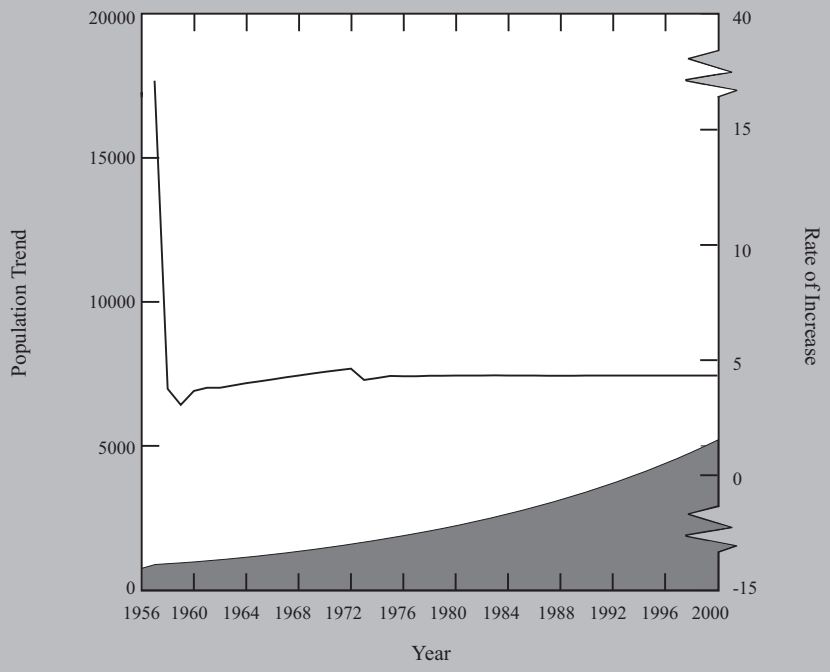
Fig. 14H-4 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Corner Brook Lakes Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model using Radioed Females

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 77% of females ≥ 2 years old, based on observations of radio-collared females ≥ 2 years old
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

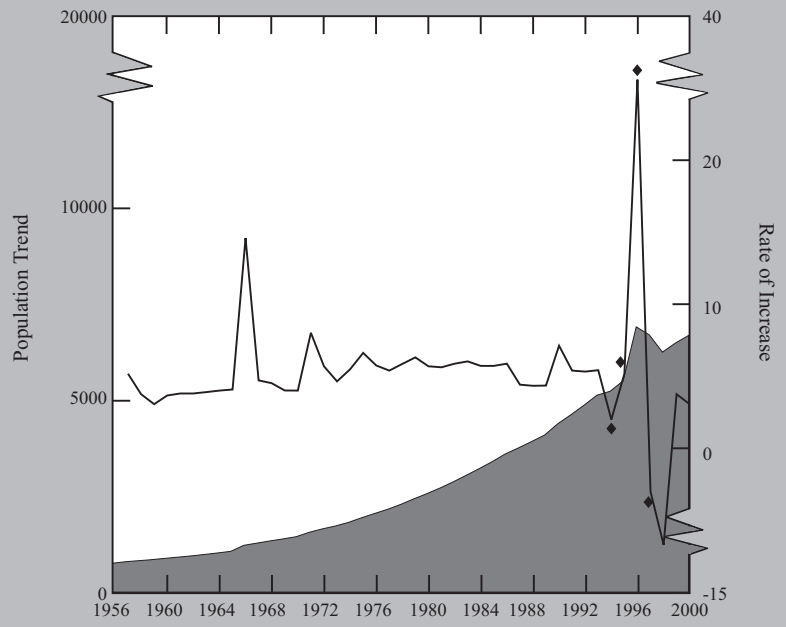
Fig. 14H-4 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Corner Brook Lakes Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Modified Sex Ratio Model

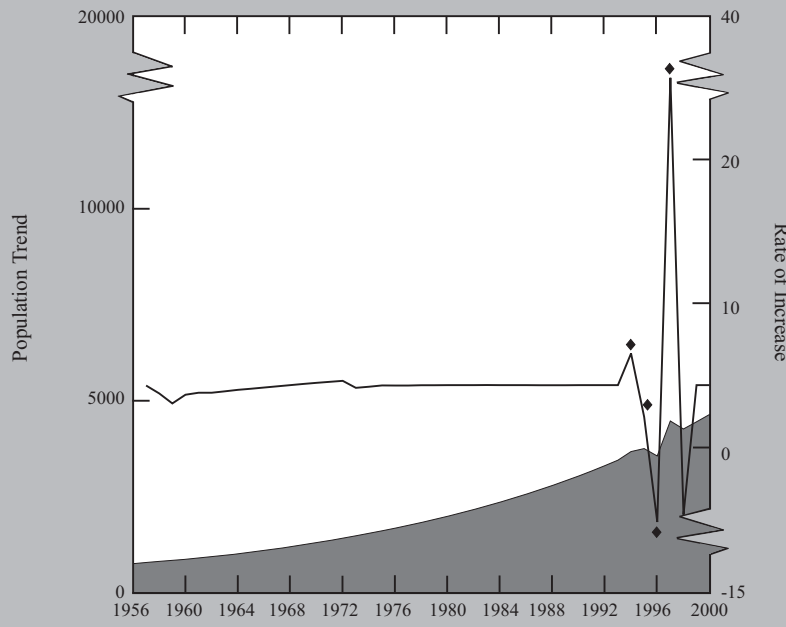
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 57.11% based on mean of all classifications during fall composition surveys of the Corner Brook Lakes Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-4 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Corner Brook Lakes Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Refined Sex Ratio Model

Survival: fixed based on radio telemetry data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Corner Brook Lakes Caribou Herd; fixed at 50% for calves

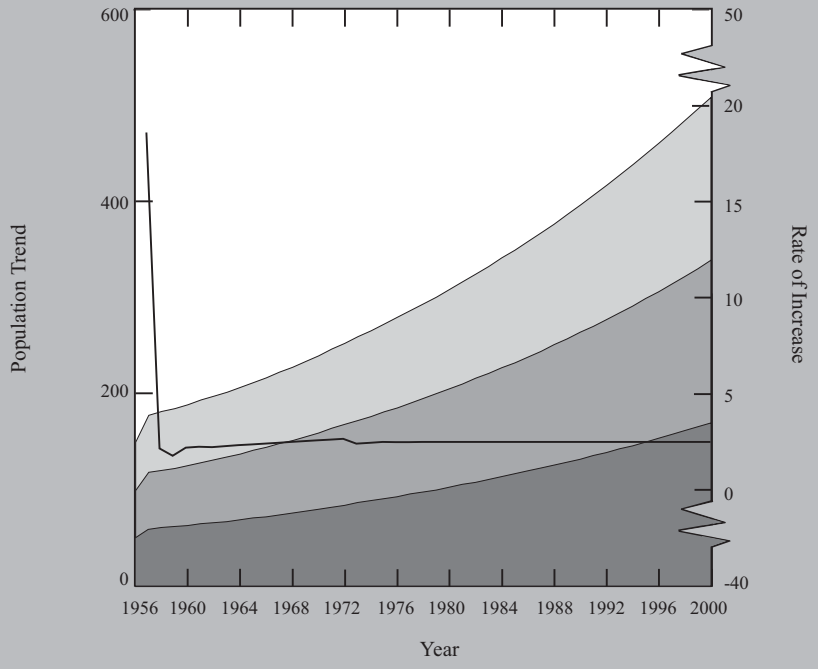


g. Refined Sex Ratio Model with Males

Year

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Corner Brook Lakes Caribou Herd; fixed at 50% for calves

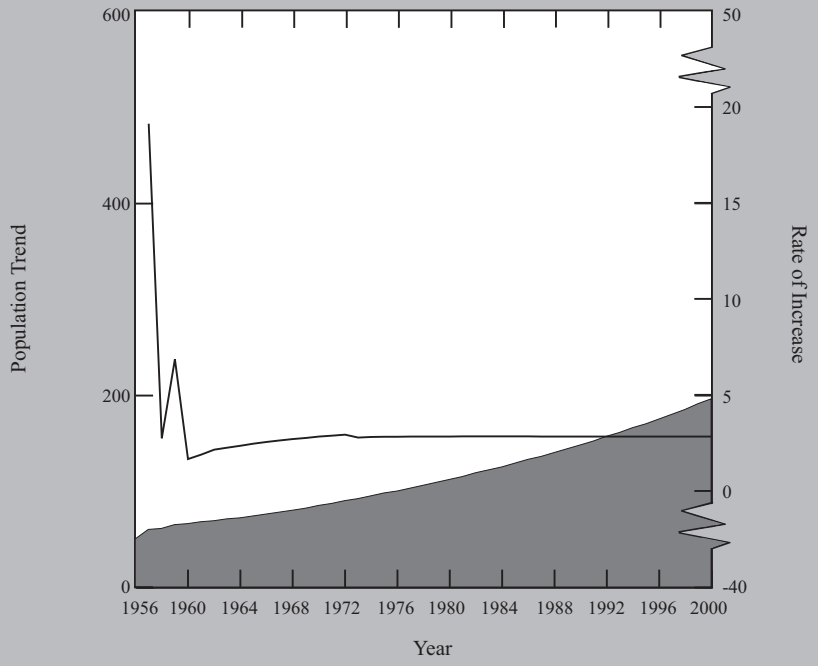
Fig. 14H-4 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Corner Brook Lakes Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



a. Simple Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

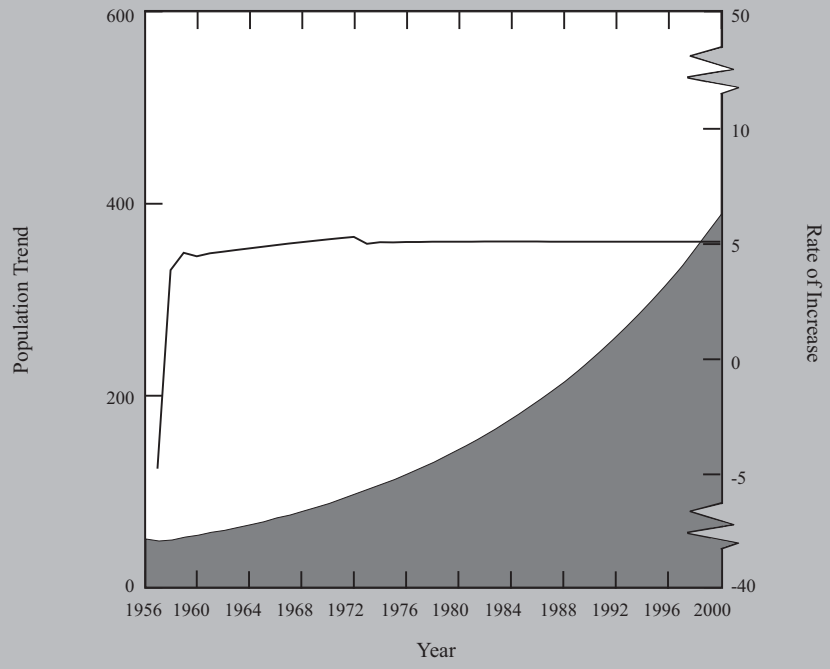
Fig. 14H-5. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gaff Topsails Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model with Males

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

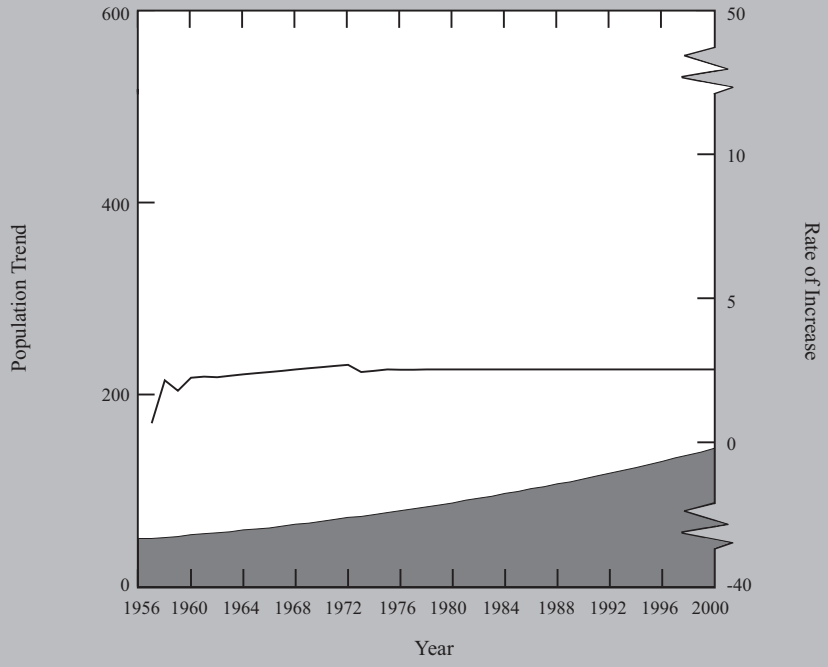
Fig. 14H-5 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gaff Topsails Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



c. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 77% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Gaff Topsails Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

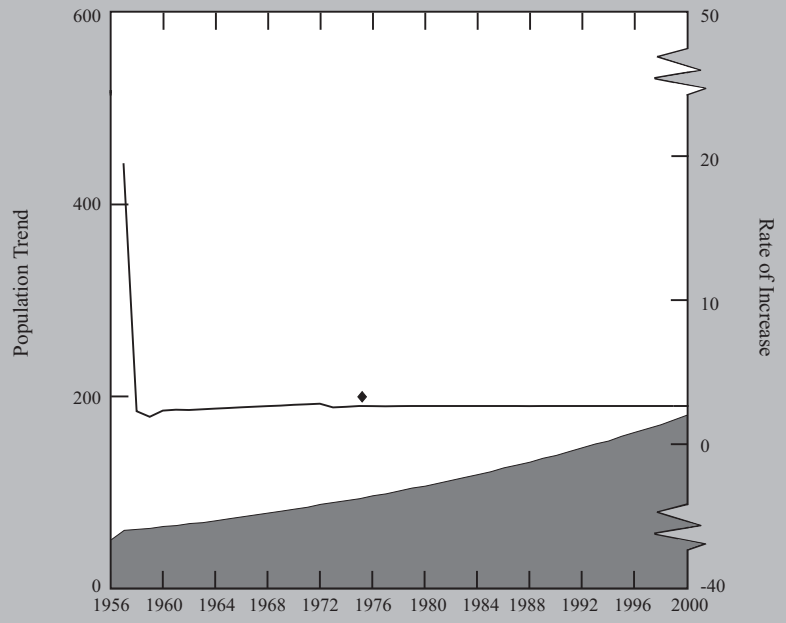
Fig. 14H-5 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gaff Topsails Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Sex Ratio Model

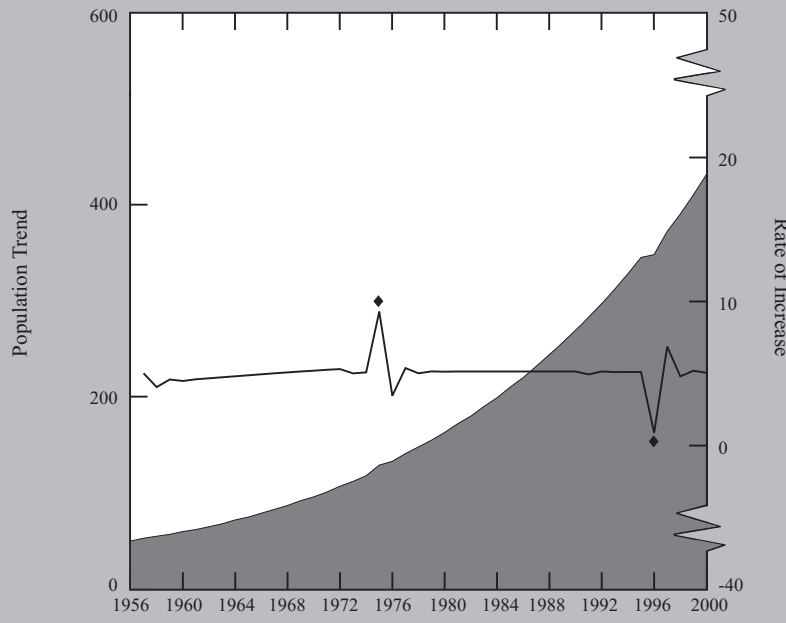
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 63.68% based on mean of all classifications during fall composition surveys of the Gaff Topsails Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-5 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gaff Topsails Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Refined Survival Model

***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for the Gaff Topsails Caribou Herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

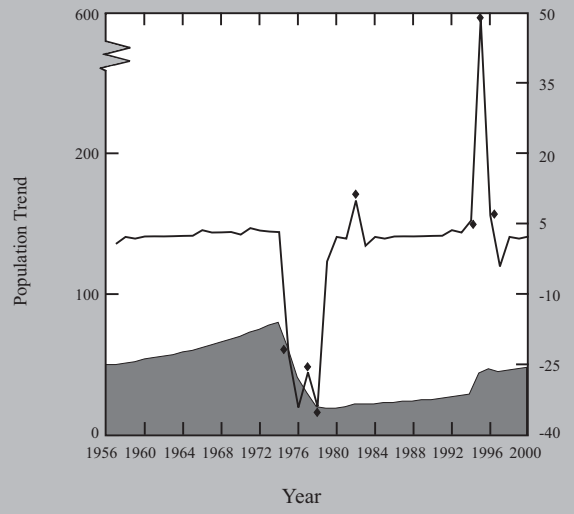


f. Refined Fecundity Model

Year

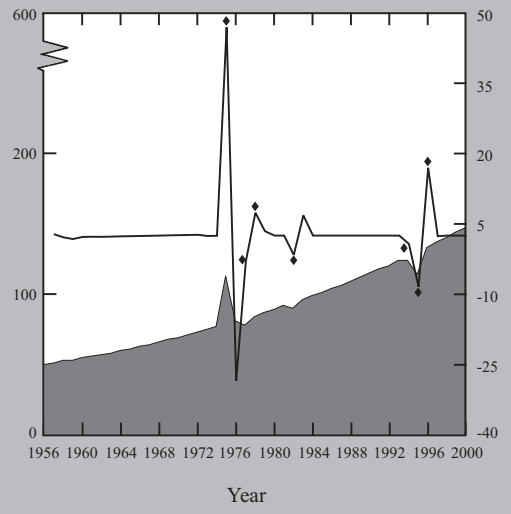
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old in the Gaff Topsails Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-5 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gaff Topsails Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



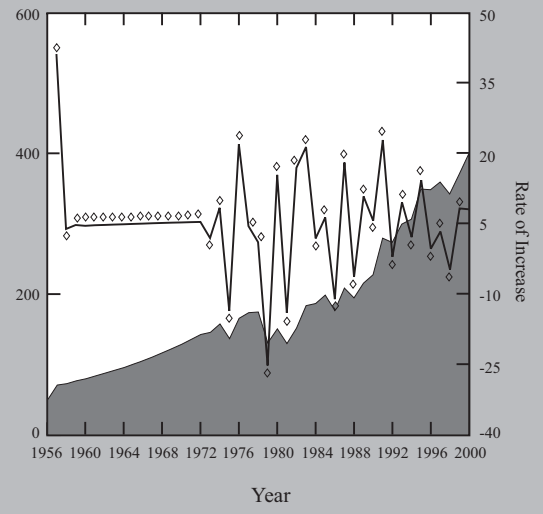
g. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Gaff Topsails Caribou Herd; fixed at 50% for calves



h. Refined Sex Ratio Model with Males

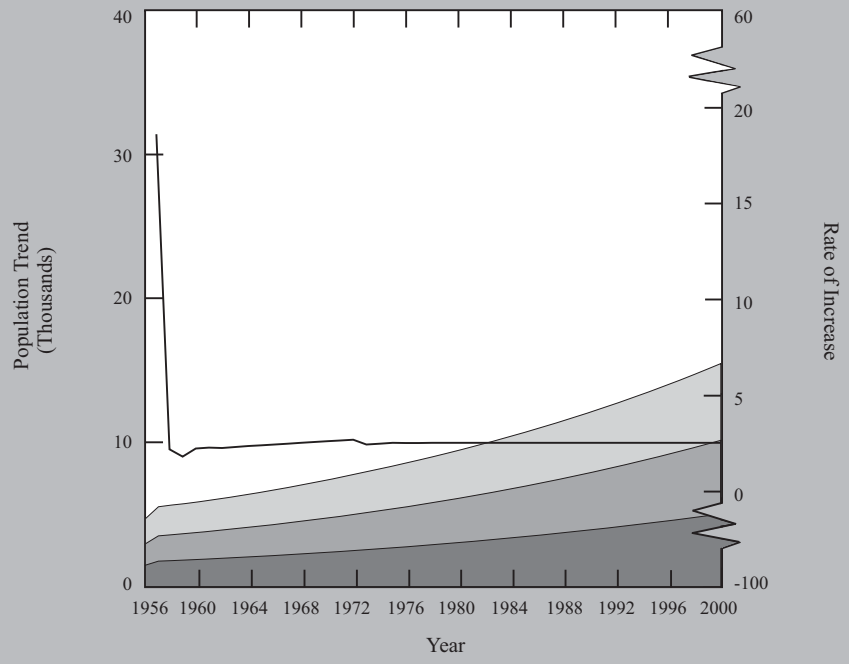
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Gaff Topsails Caribou Herd; fixed at 50% for calves



i. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 77% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Gaff Topsails Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 66; fixed at 50% for calves

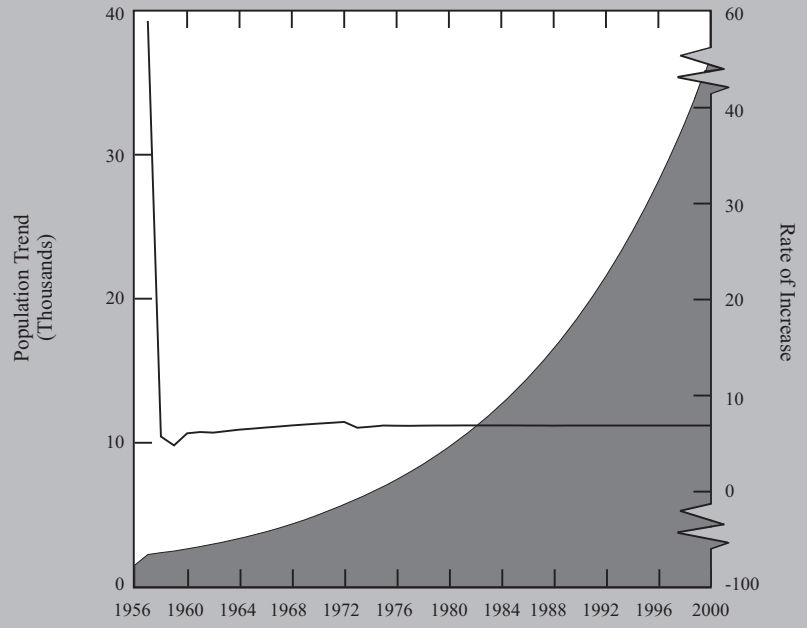
Fig. 14H-5 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gaff Topsails Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information were used where available; herd averages were applied in all other years.



a. Simple Model

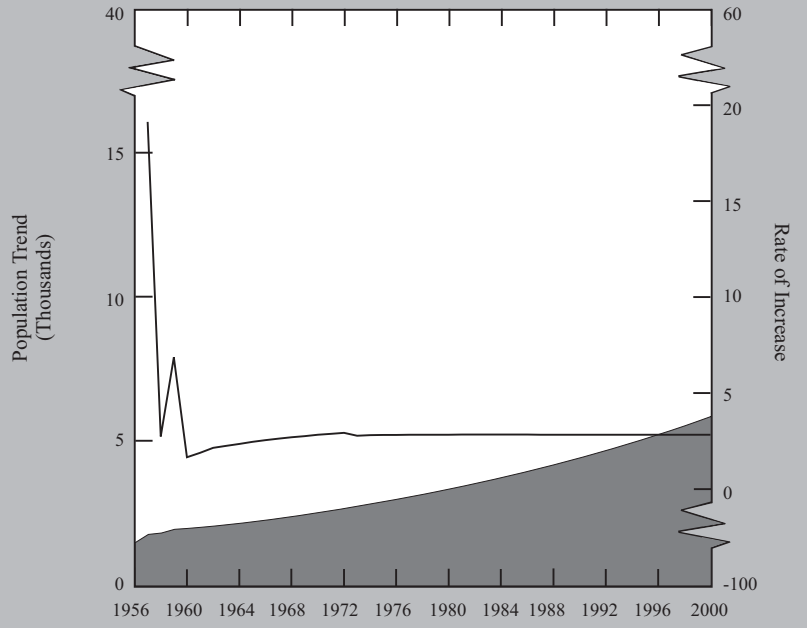
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-6. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Grey River Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data for the Grey River Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

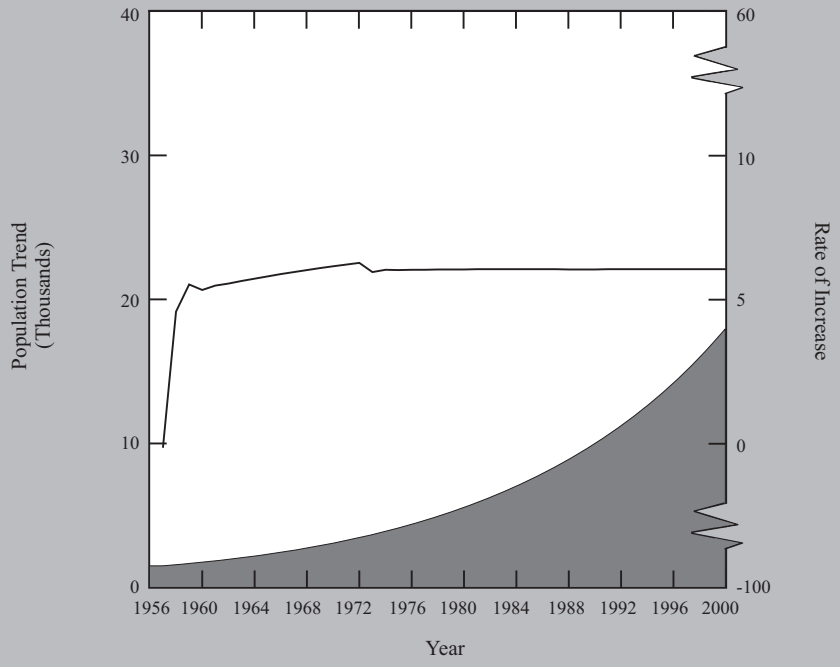


c. Modified Survival Model with Males

Year

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

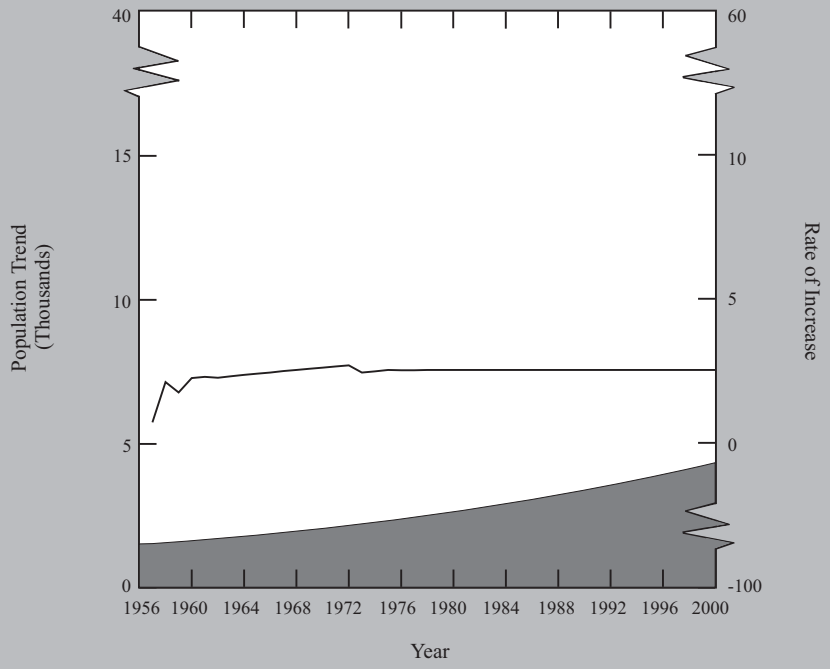
Fig. 14H-6 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Grey River Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 81.08% of females ≥ 2 years, based on mean productivity estimates from spring composition surveys of the Grey River Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

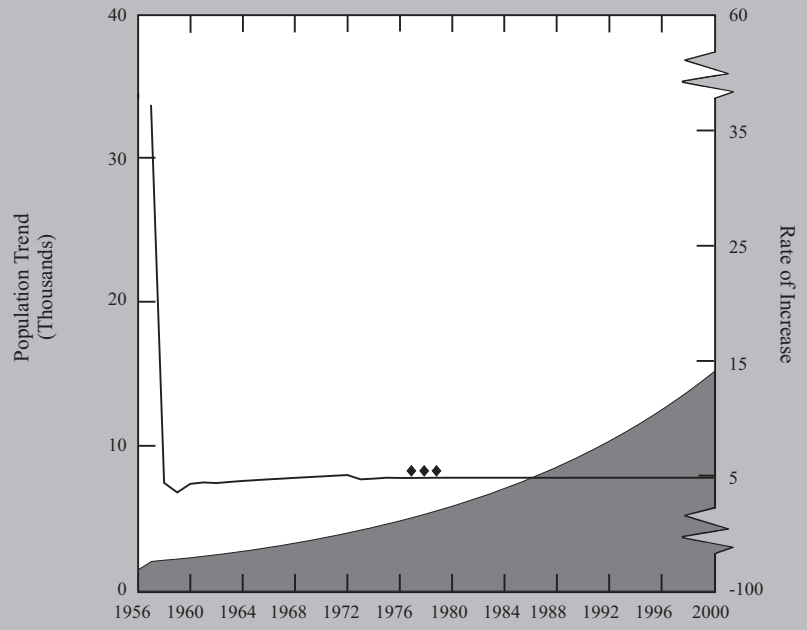
Fig. 14H-6 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Grey River Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Modified Sex Ratio Model

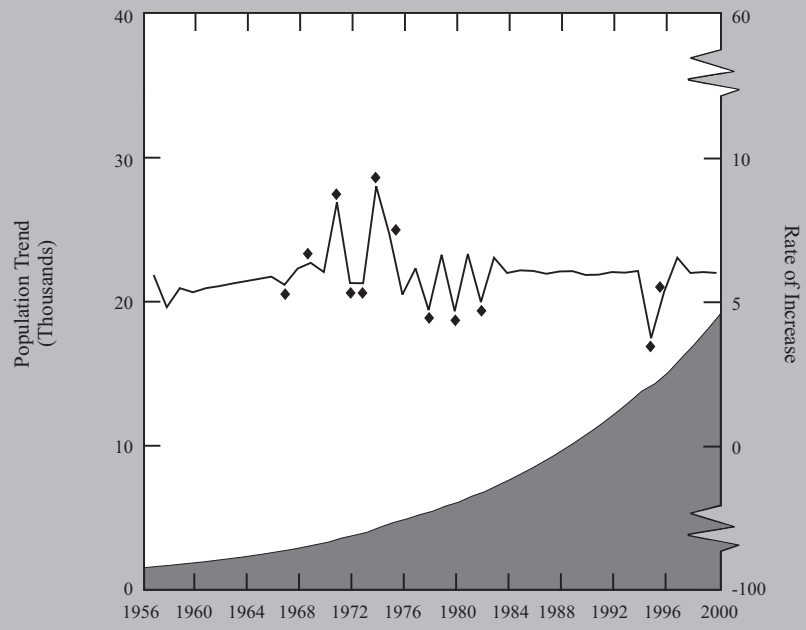
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 68.56% based on mean of all classifications during fall composition surveys of the Grey River Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-6 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Grey River Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Refined Survival Model

***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for the Grey River Caribou Herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

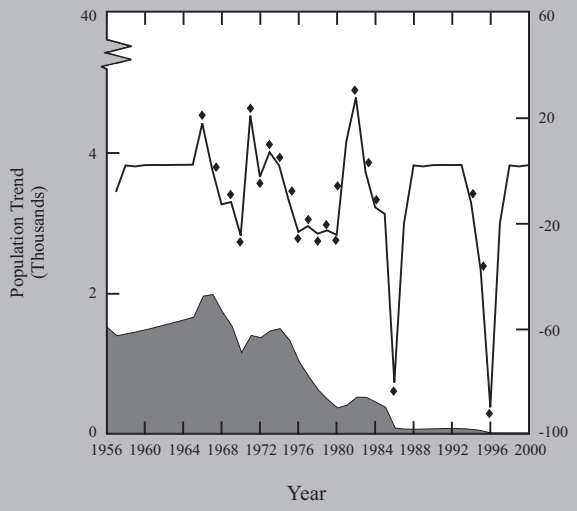


g. Refined Fecundity Model

Year

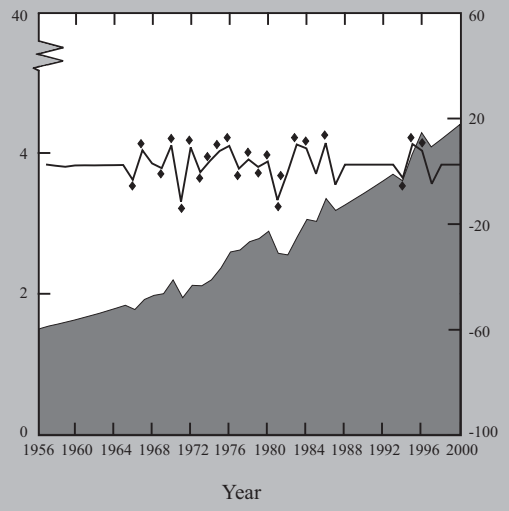
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old in the Grey River Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-6 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Grey River Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



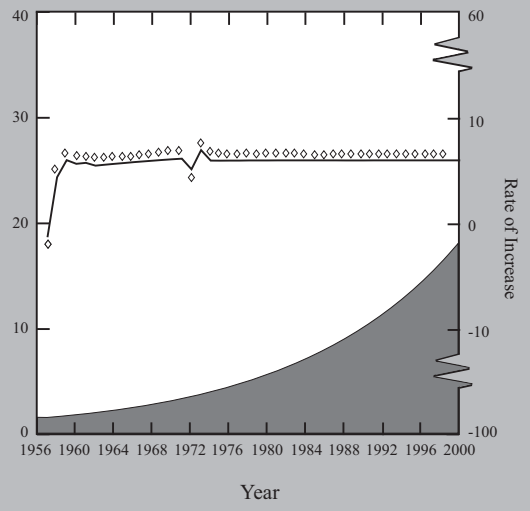
h. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Grey River Caribou Herd; fixed at 50% for calves



i. Refined Sex Ratio Model with Males

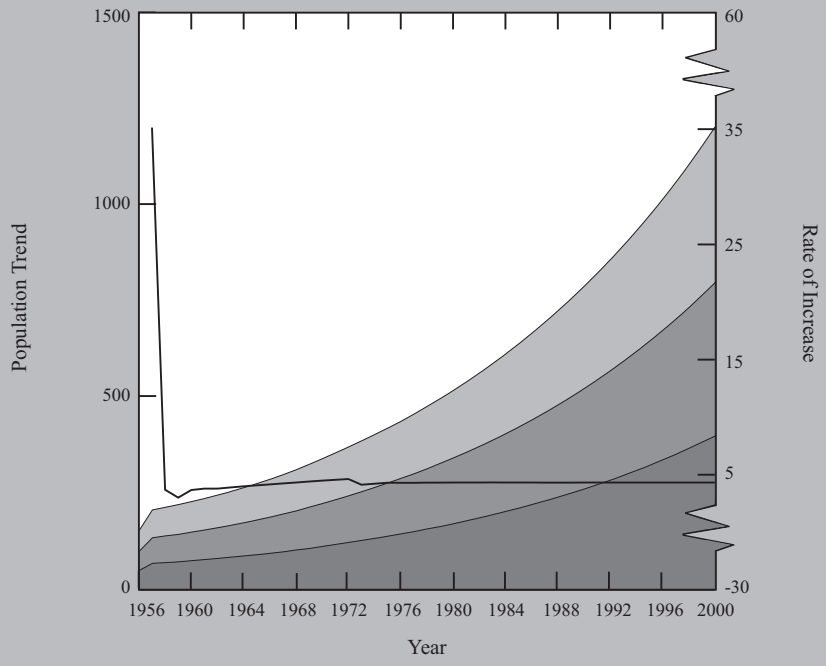
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Grey River Caribou Herd; fixed at 50% for calves



j. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 81.08% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Grey River Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 63; fixed at 50% for calves

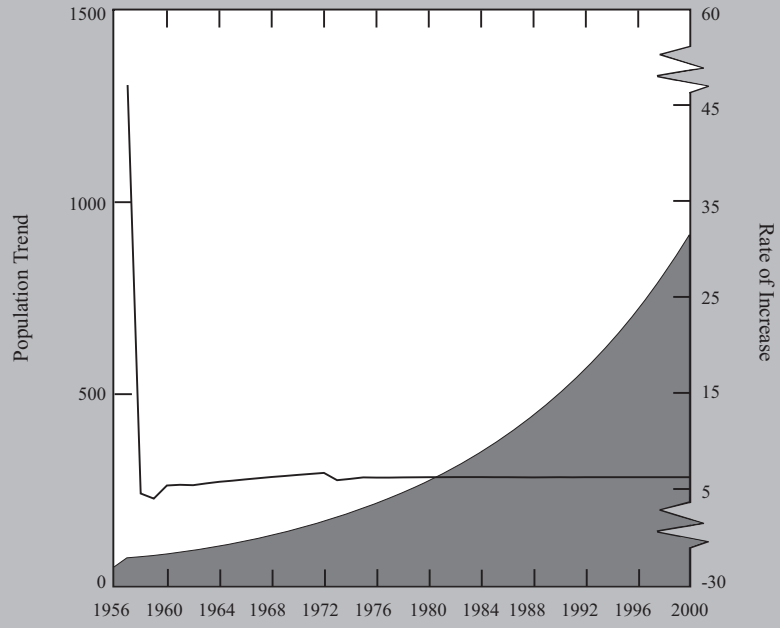
Fig. 14H-6 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Grey River Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information were used where available; herd averages were applied in all other years.



a. Simple Model

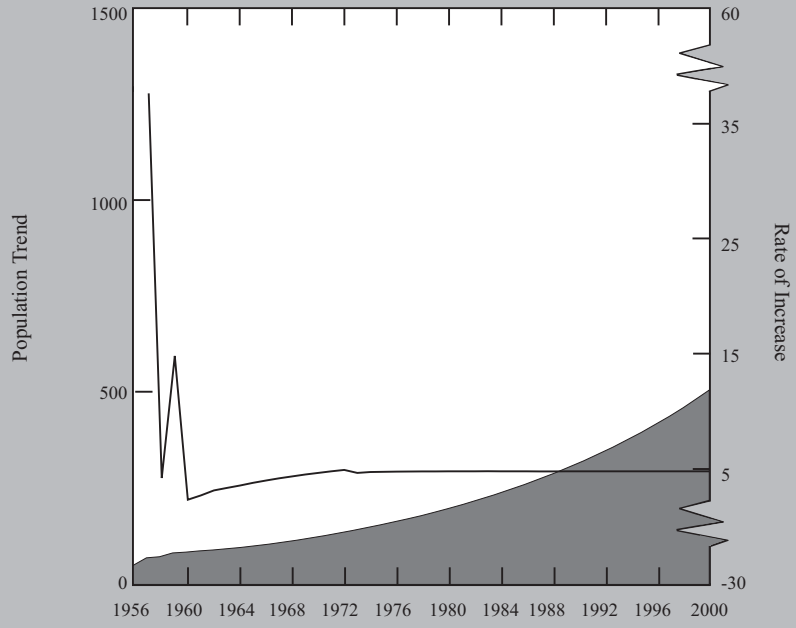
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-7. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gros Morne Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

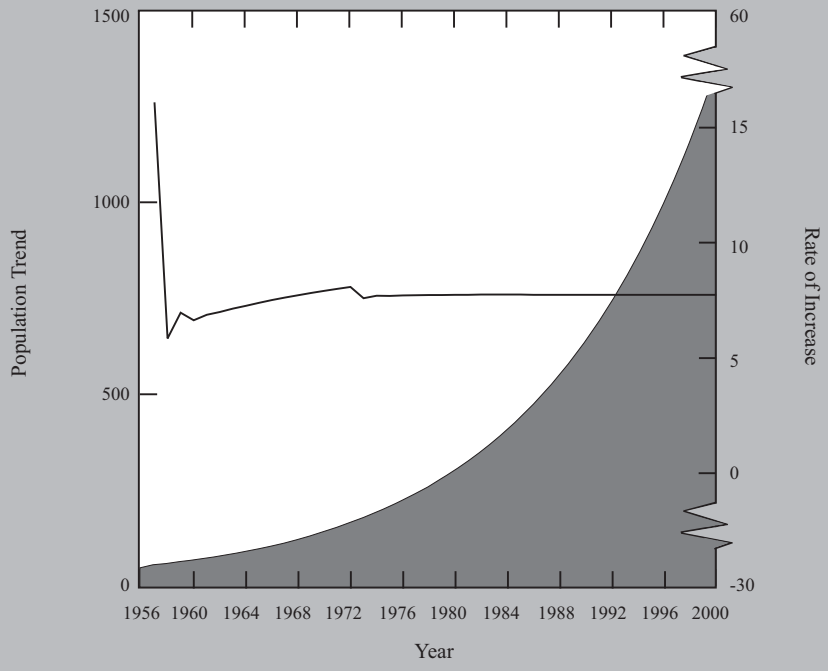
***Survival*:** fixed based on radio telemetry data for the Gros Morne Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)



c. Modified Survival Model with Males

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

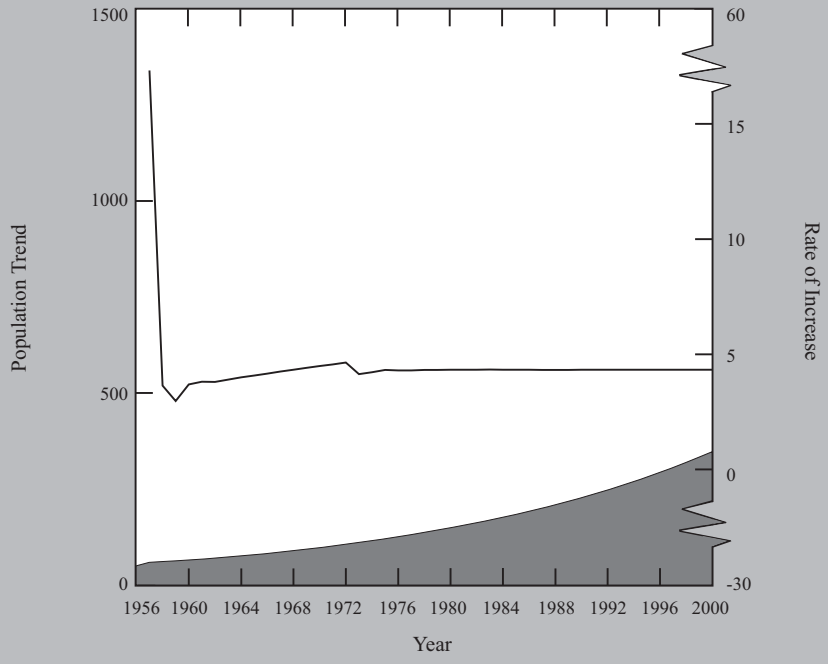
Fig. 14H-7 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gros Morne Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 81.14% of females ≥ 2 years, based on mean productivity estimates from spring composition surveys of the Gros Morne Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

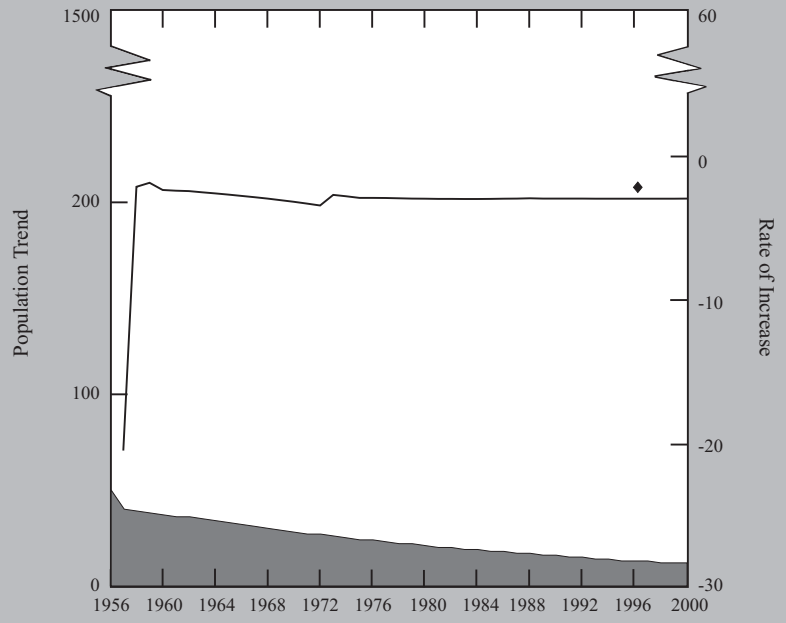
Fig. 14H-7 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gros Morne Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Modified Sex Ratio Model

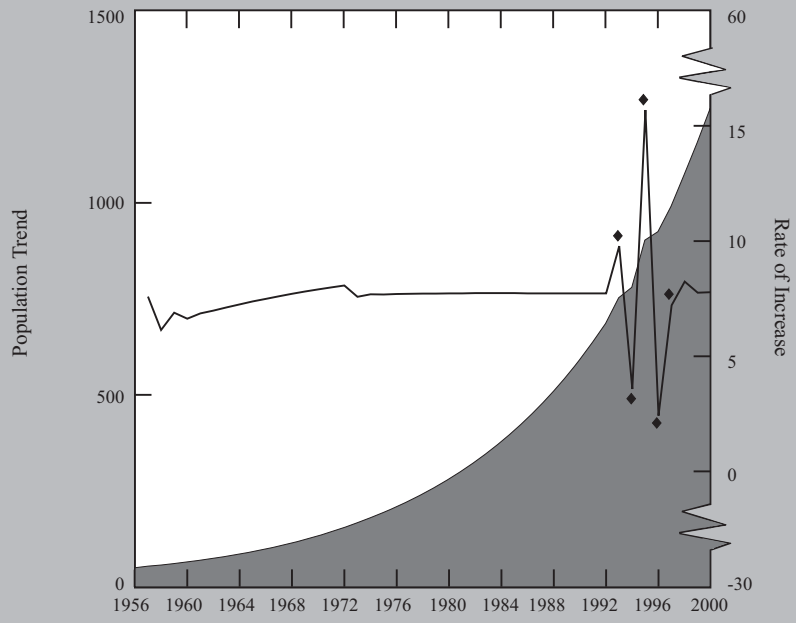
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 63.98% based on mean of all classifications during fall composition surveys of the Gros Morne Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-7 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gros Morne Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Refined Survival Model

***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for the Gros Morne Caribou Herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

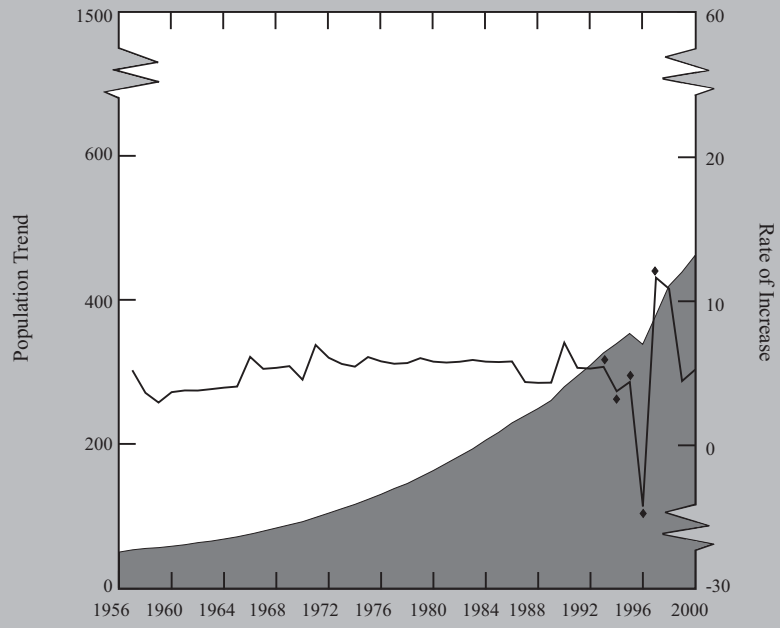


g. Refined Fecundity Model

Year

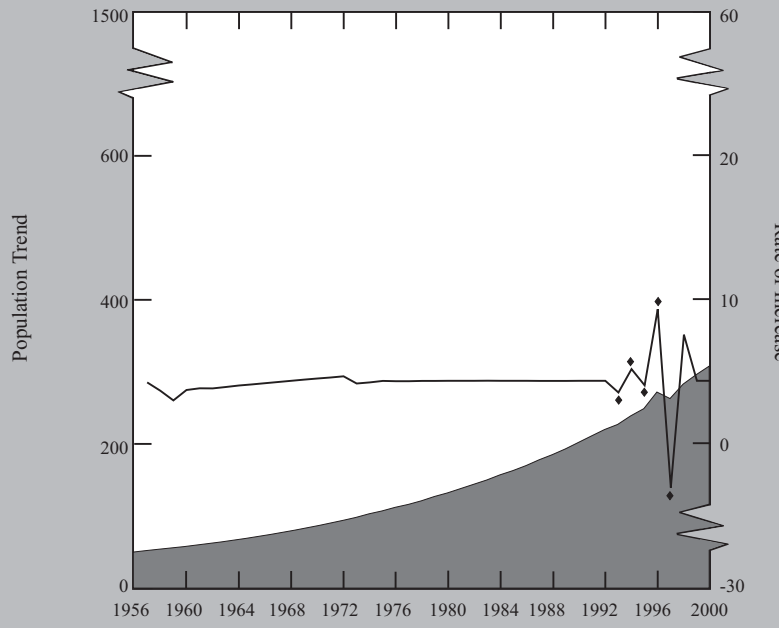
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old in the Gros Morne Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-7 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gros Morne Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



h. Refined Sex Ratio Model

Survival: fixed based on radio telemetry data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Gros Morne Caribou Herd; fixed at 50% for calves

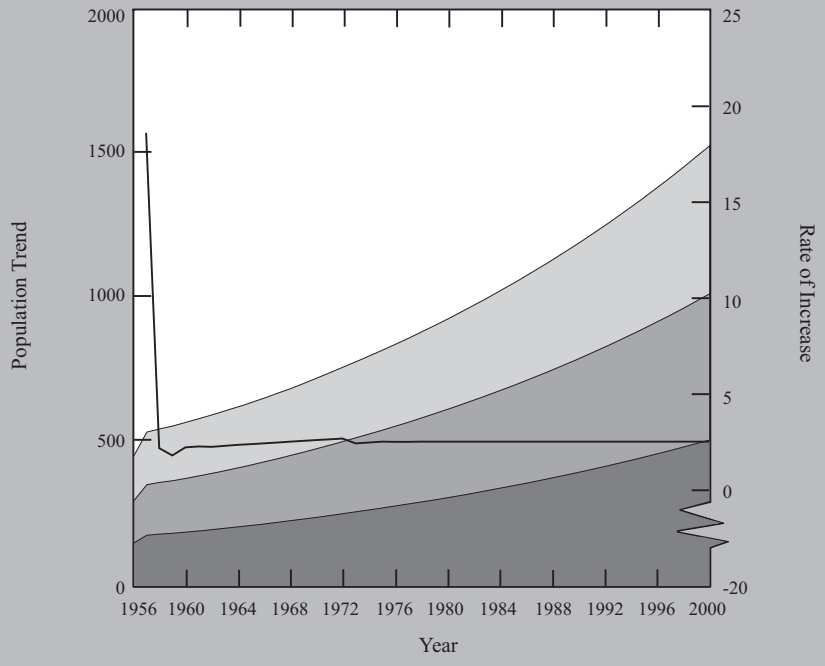


i. Refined Sex Ratio Model with Males

Year

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Gros Morne Caribou Herd; fixed at 50% for calves

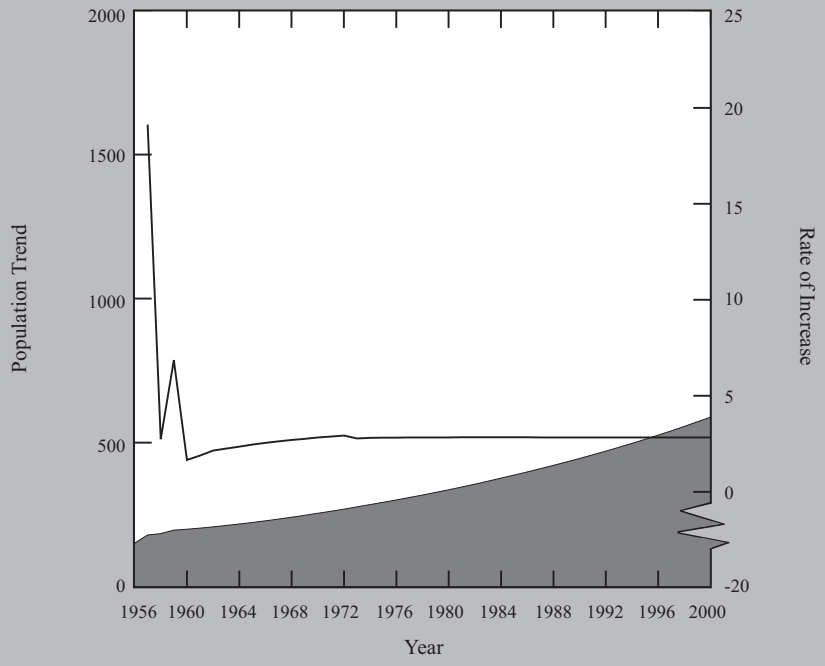
Fig. 14H-7 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Gros Morne Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were based on best available records. Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



a. Simple Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

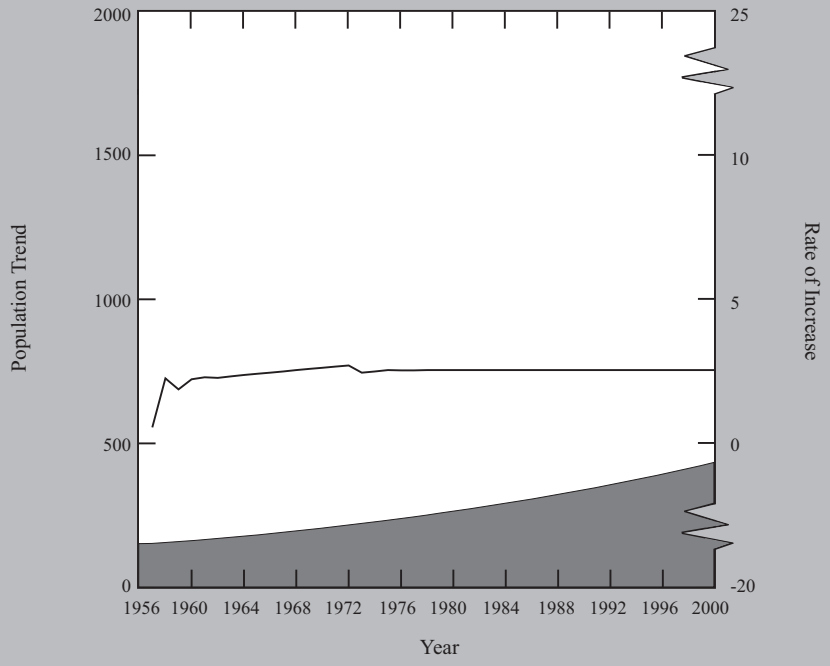
Fig. 14H-8. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Hampden Downs Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model with Males

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

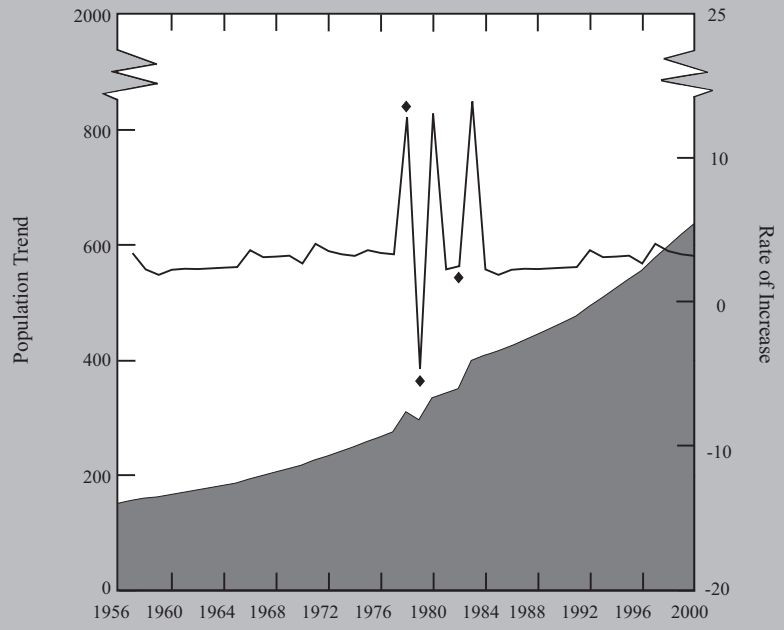
Fig. 14H-8 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Hampden Downs Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



c. Modified Sex Ratio Model

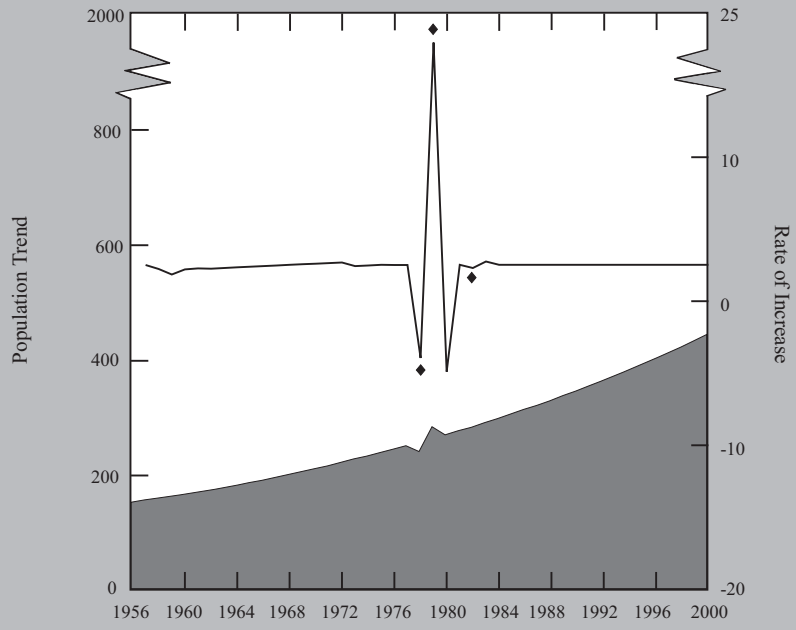
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 54.64% based on mean of all classifications during fall composition surveys of the Hampden Downs Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-8 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Hampden Downs Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Refined Sex Ratio Model

Survival: fixed based on radio telemetry data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Hampden Downs Caribou Herd; fixed at 50% for calves

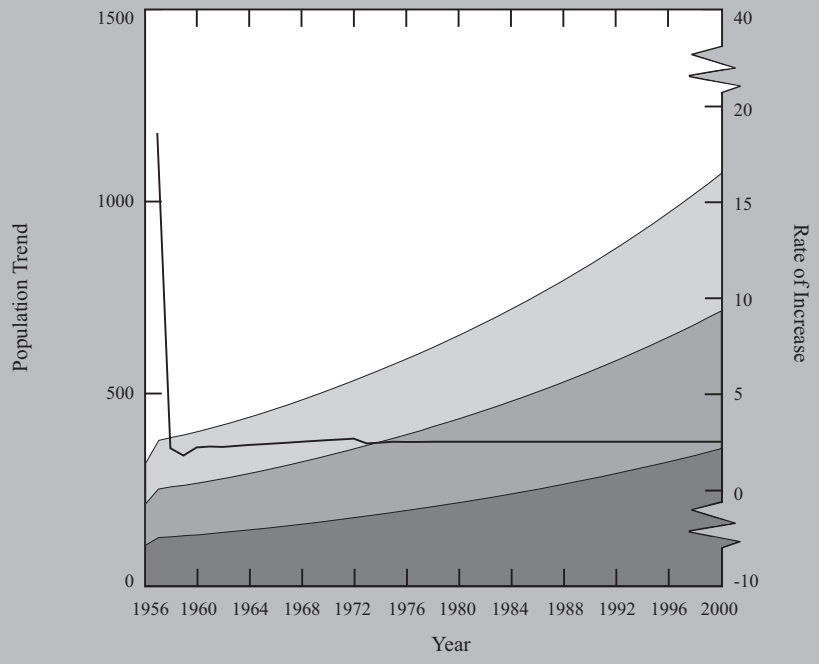


e. Refined Sex Ratio Model with Males

Year

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Hampden Downs Caribou Herd; fixed at 50% for calves

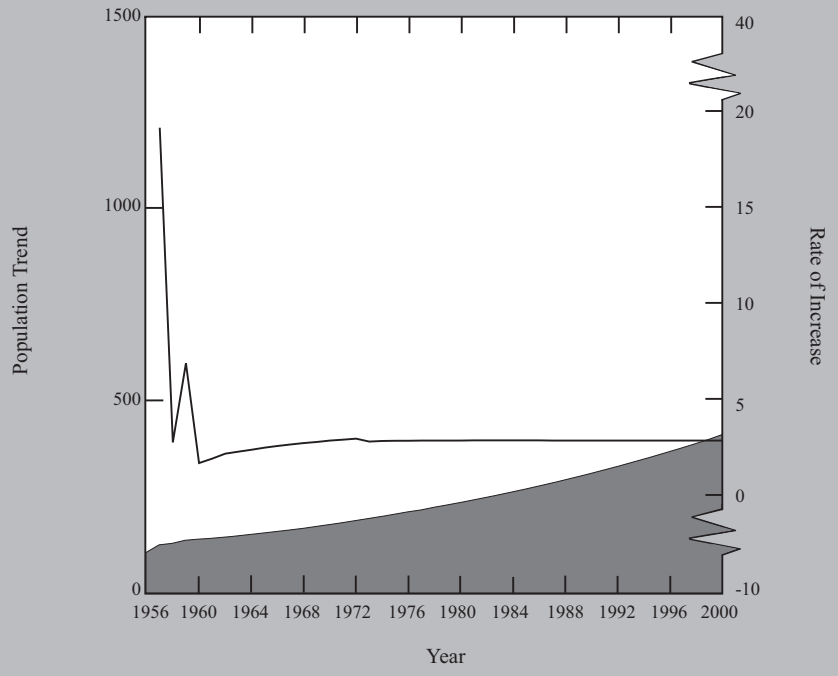
Fig. 14H-8 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Hampden Downs Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



a. Simple Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

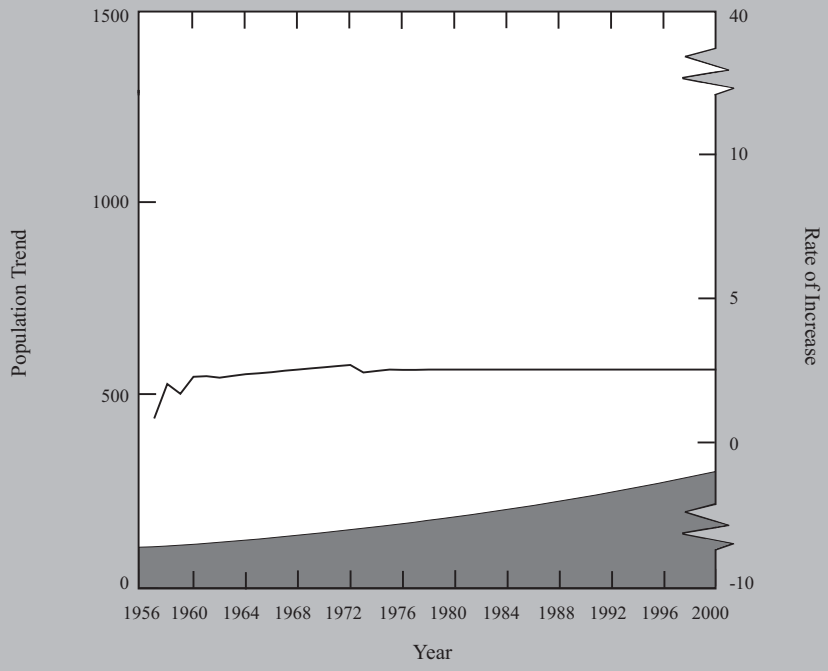
Fig. 14H-9. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Humber Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model with Males

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

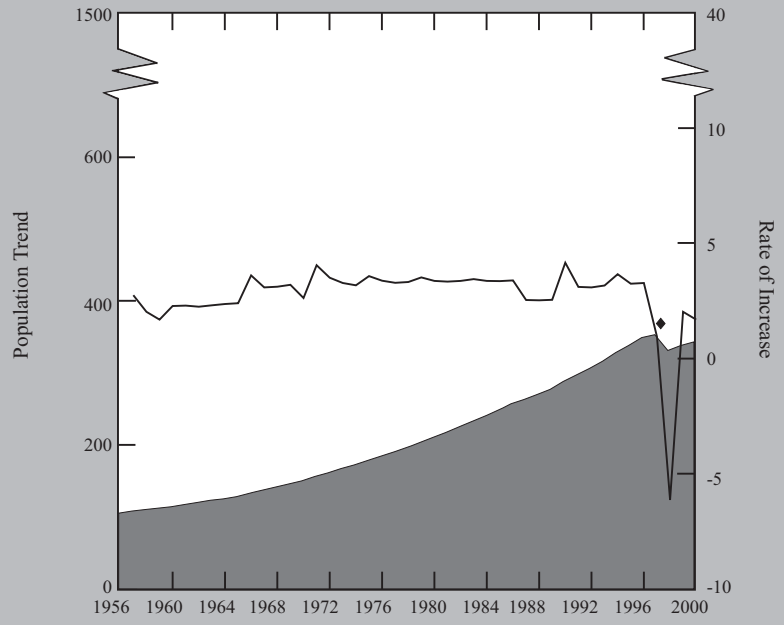
Fig. 14H-9 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Humber Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



c. Modified Sex Ratio Model

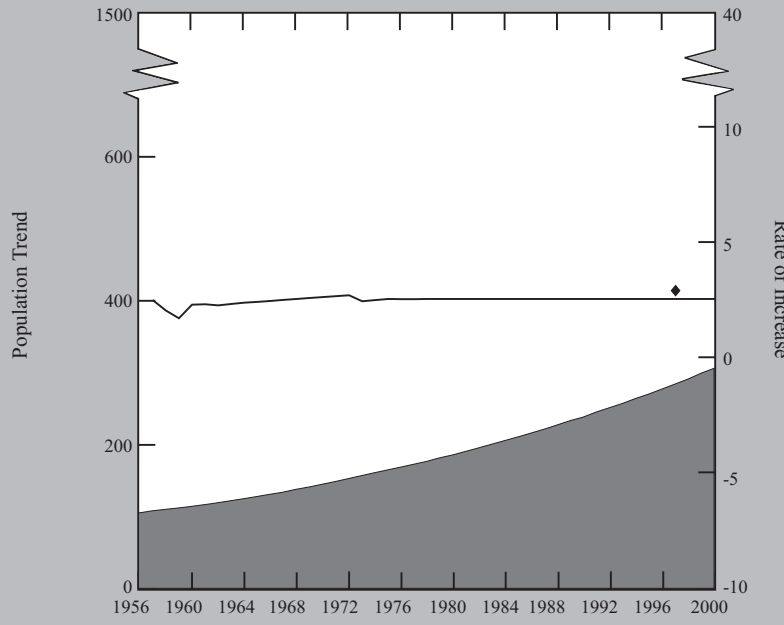
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 77.67% based on mean of all classifications during fall composition surveys of the Humber Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-9 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Humber Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Refined Sex Ratio Model

Survival: fixed based on radio telemetry data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Humber Caribou Herd; fixed at 50% for calves

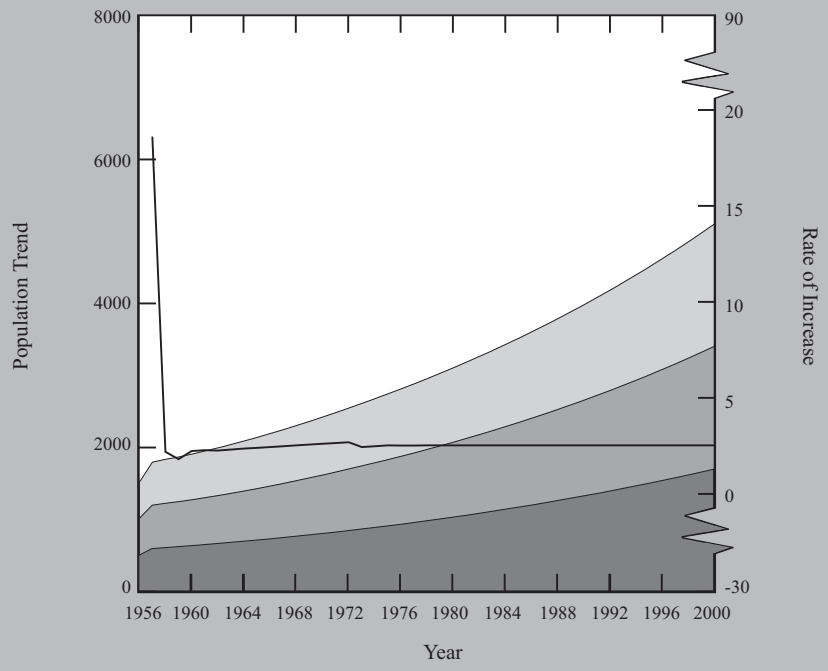


e. Refined Sex Ratio Model with Males

Year

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Humber Caribou Herd; fixed at 50% for calves

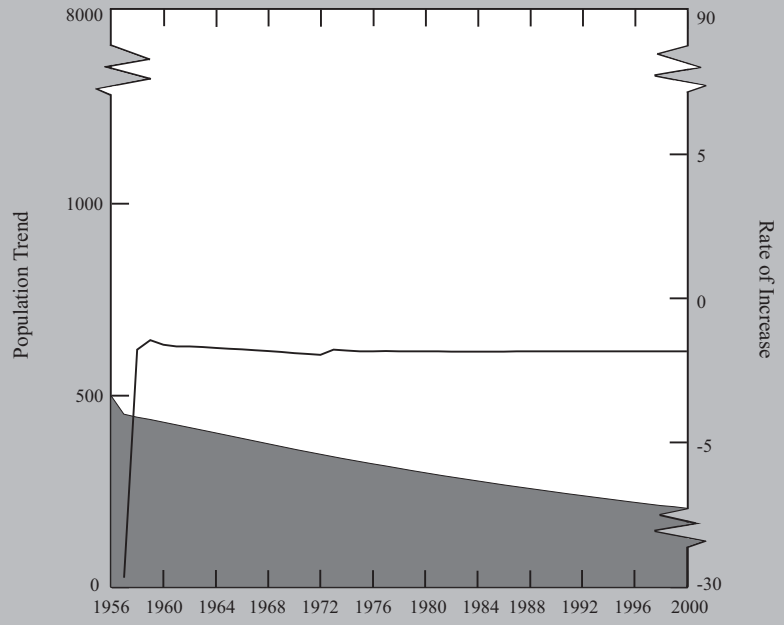
Fig. 14H-9 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Humber Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



a. Simple Model

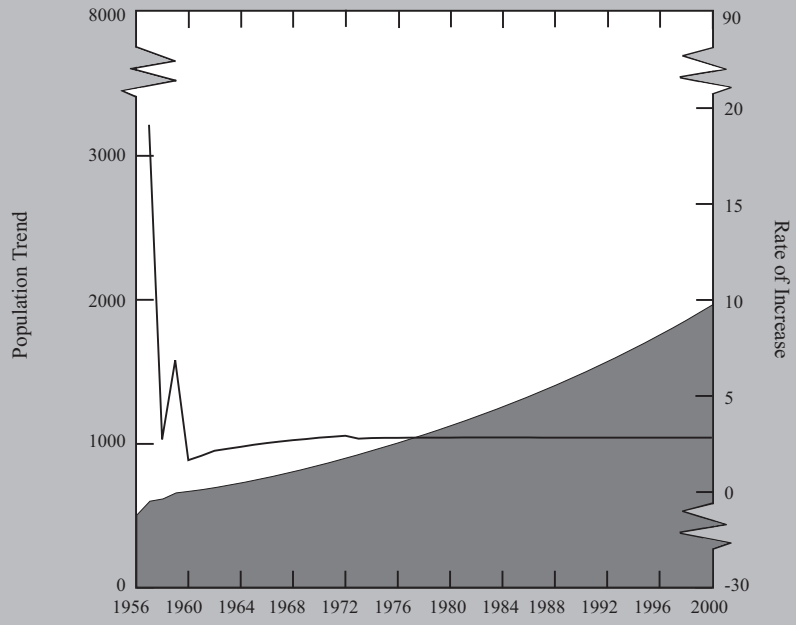
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-10. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the La Poile Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data for the La Poile Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

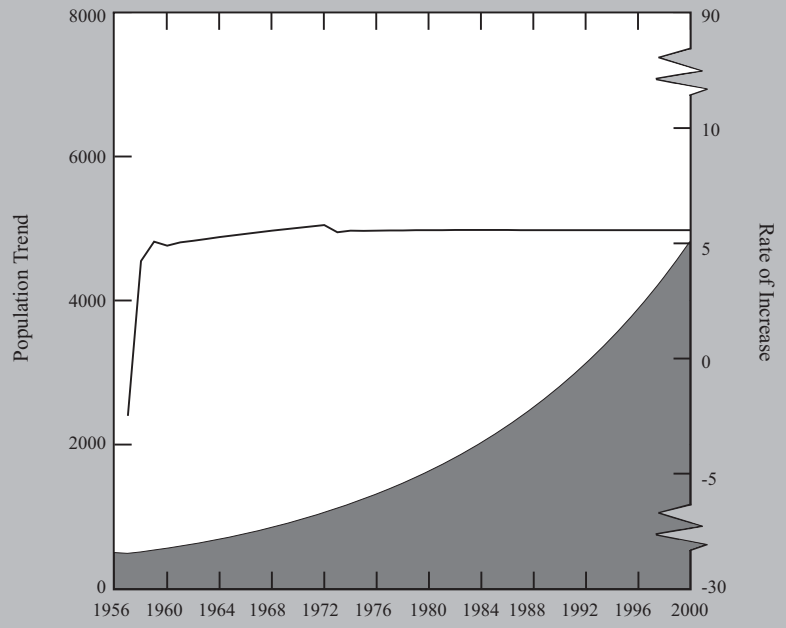


c. Modified Survival Model with Males

Year

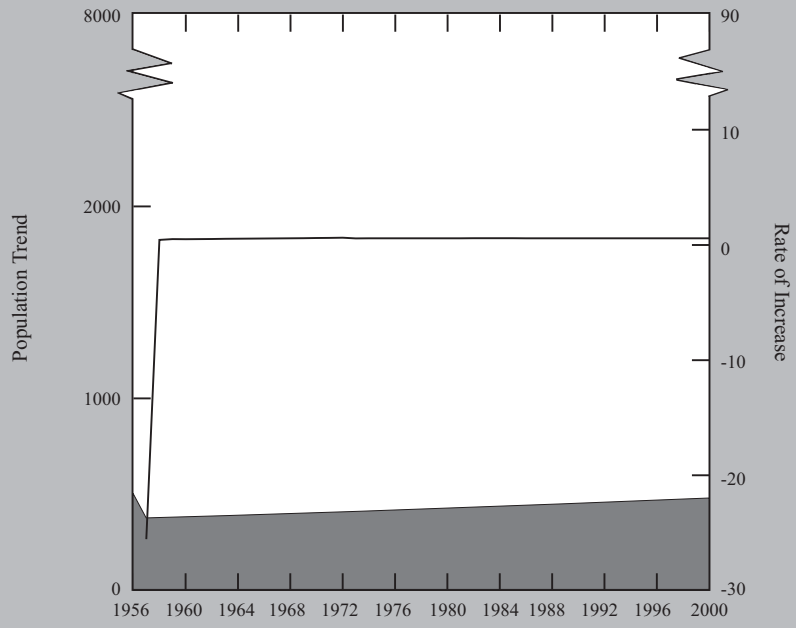
***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-10 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the La Poile Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

***Survival*:** fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 79% of females ≥ 2 years old, based on mean productivity estimates in spring composition surveys of the La Poile Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

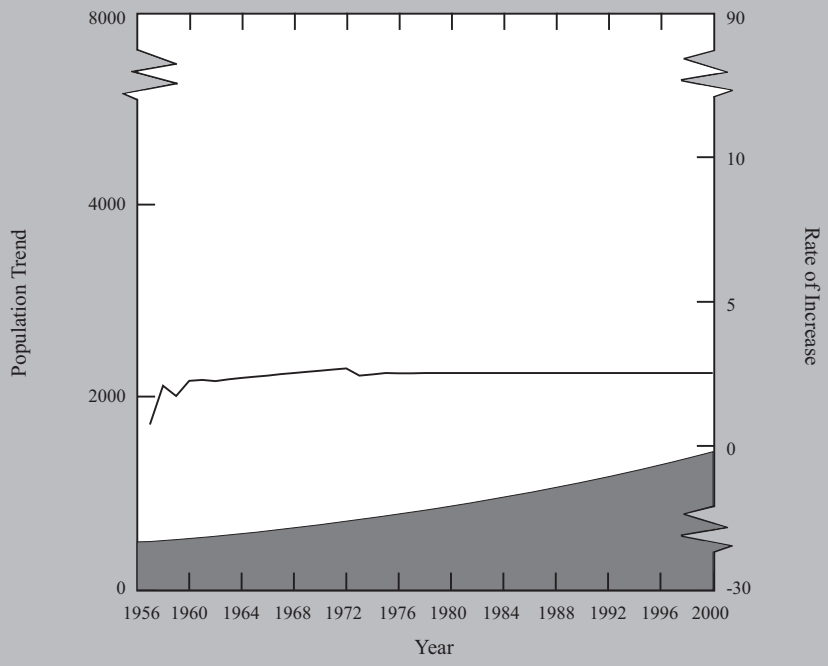


e. Modified Fecundity Model using Radioed Females

Year

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 59% of females ≥ 2 years old, based on observations of radio-collared females ≥ 2 years old
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

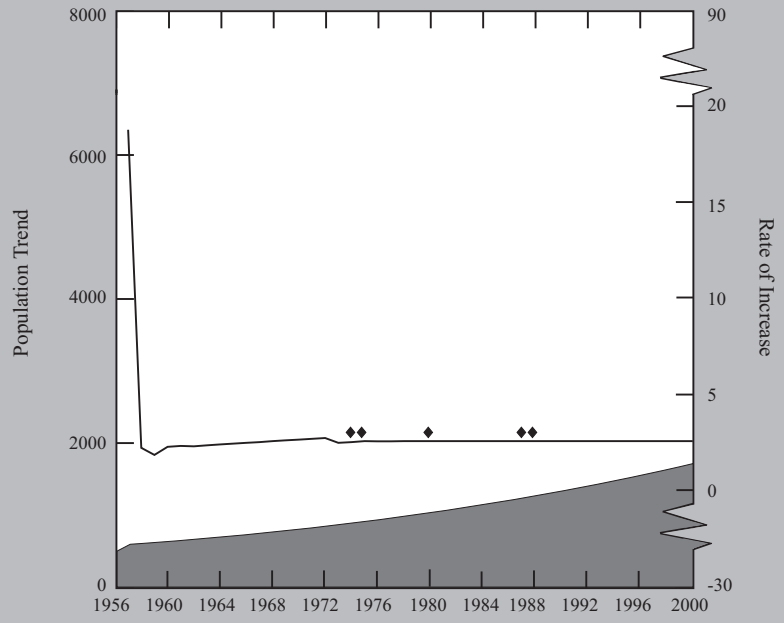
Fig. 14H-10 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the La Poile Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Modified Sex Ratio Model

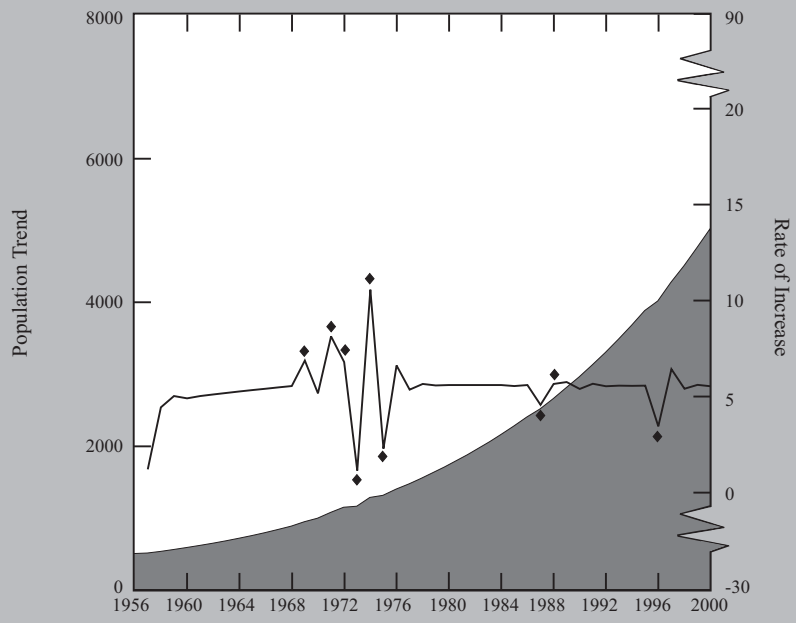
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 71.10% based on mean of all classifications during fall composition surveys of the La Poile Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-10 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the La Poile Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



g. Refined Survival Model

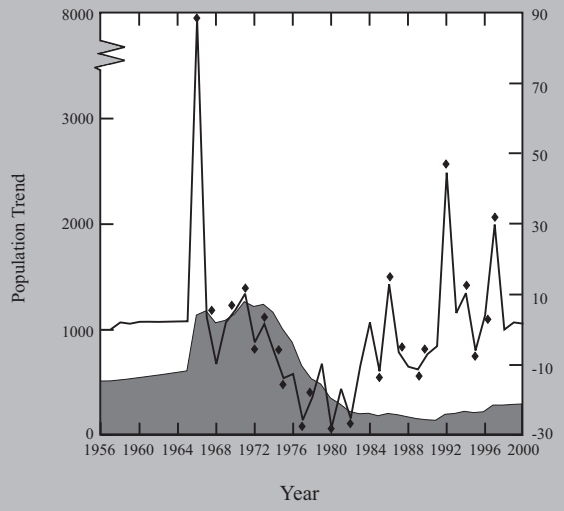
***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for the La Poile Caribou Herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)



h. Refined Fecundity Model

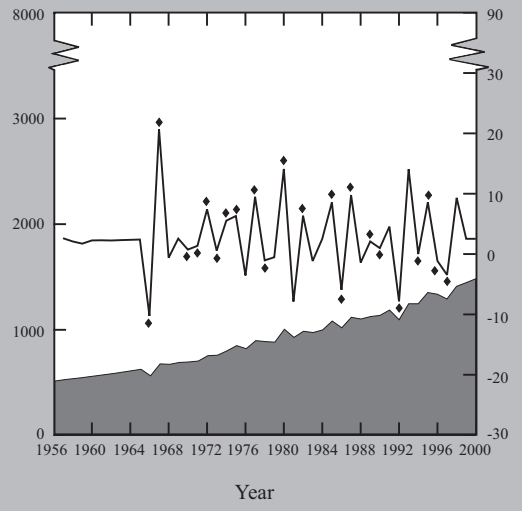
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old in the La Poile Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-10 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the La Poile Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



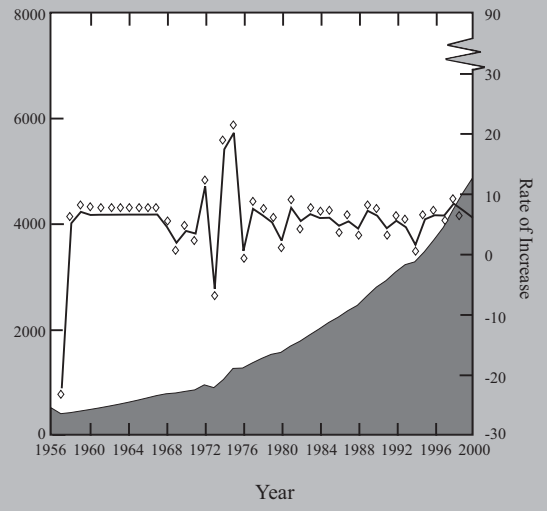
i. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the La Poile Caribou Herd; fixed at 50% for calves



j. Refined Sex Ratio Model with Males

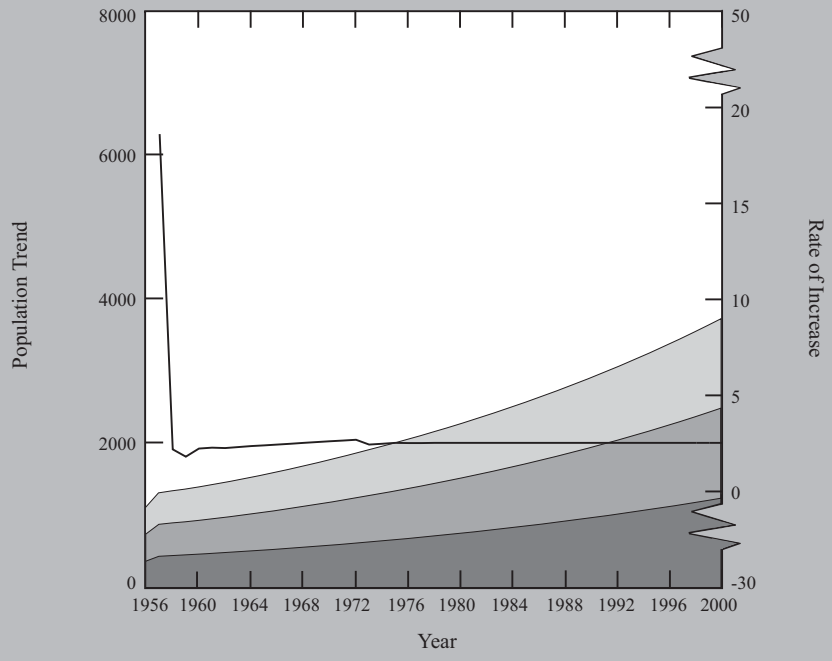
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the La Poile Caribou Herd; fixed at 50% for calves



k. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 79% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the La Poile Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 61; fixed at 50% for calves

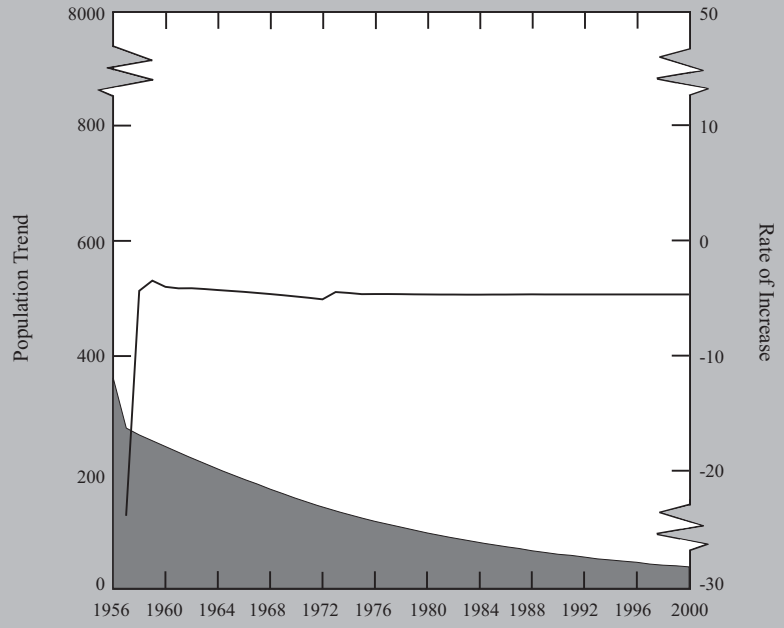
Fig. 14H-10 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the La Poile Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information were used where available; herd averages were applied in all other years.



a. Simple Model

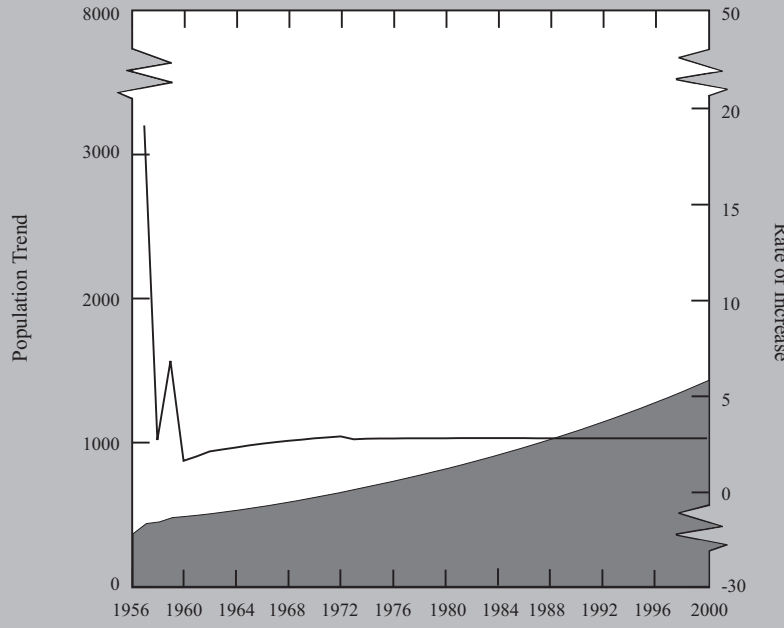
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-11. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Middle Ridge Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data for the Middle Ridge Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

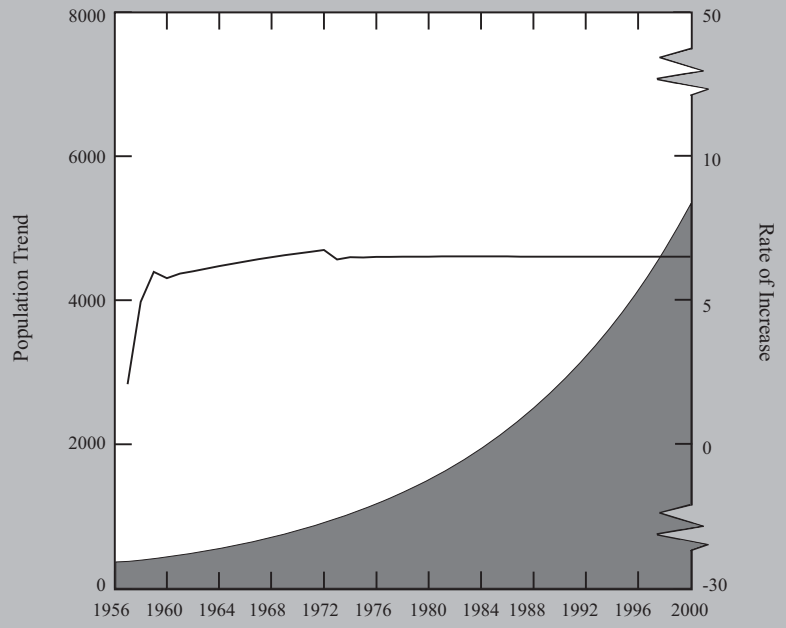


c. Modified Survival Model with Males

Year

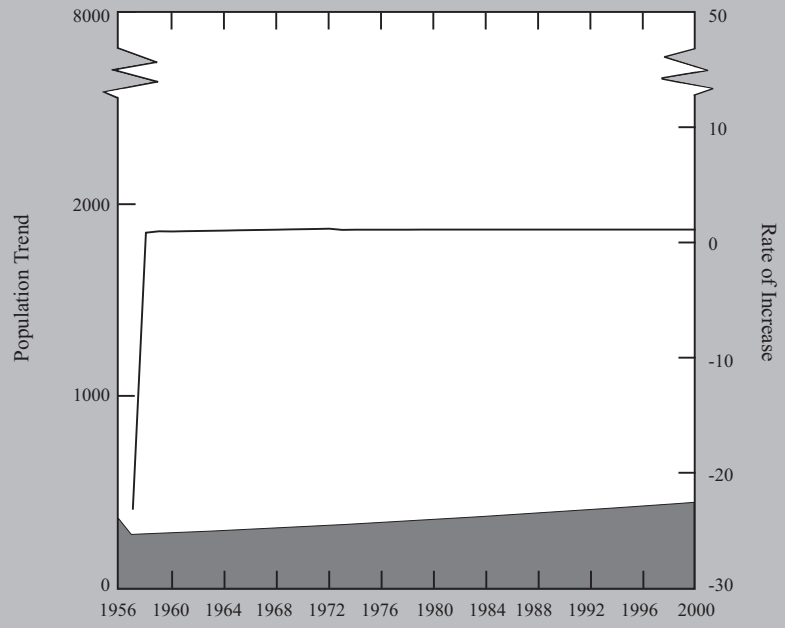
***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-11 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Middle Ridge Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

***Survival*:** fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 83.04% of females ≥ 2 years old, based on mean productivity estimates in spring composition surveys of the Middle Ridge Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

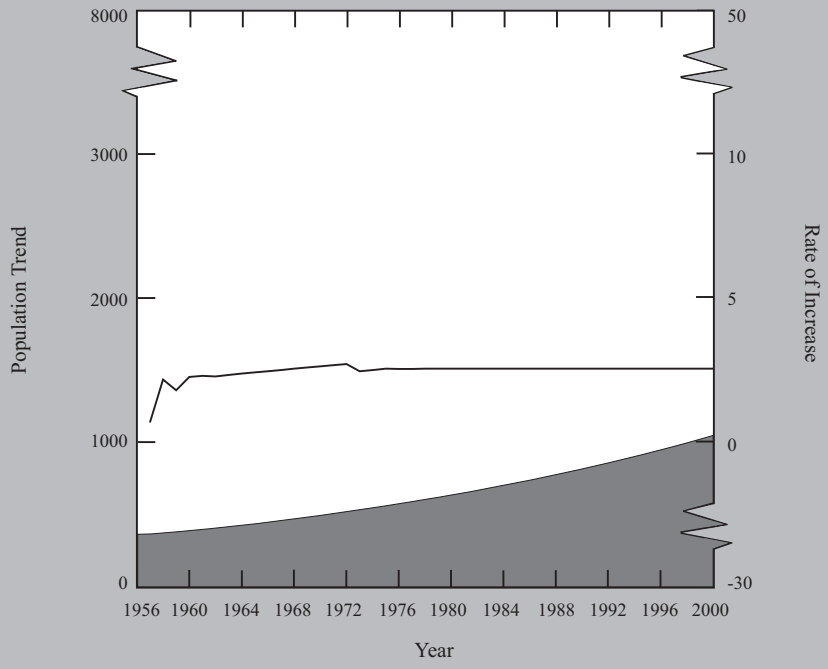


e. Modified Fecundity Model using Radioed Females

Year

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 61% of females ≥ 2 years old, based on observations of radio-collared females ≥ 2 years old
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

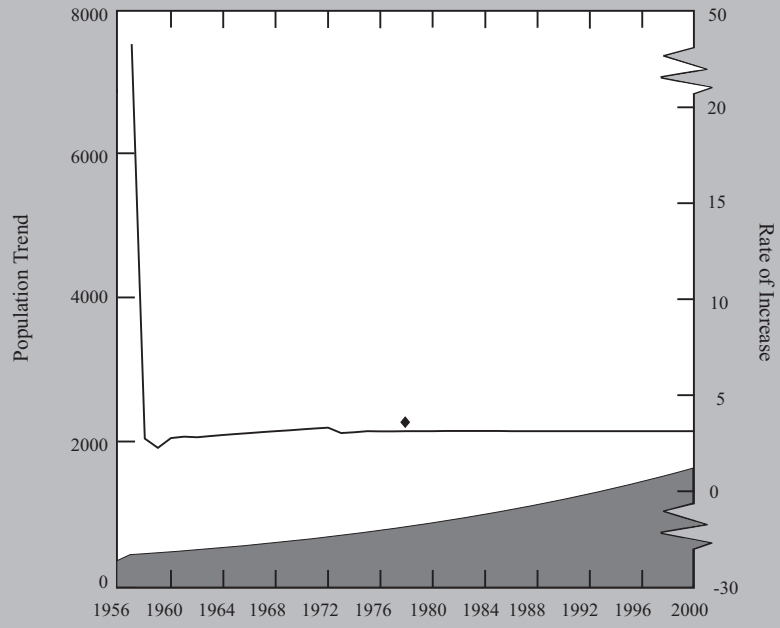
Fig. 14H-11 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Middle Ridge Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Modified Sex Ratio Model

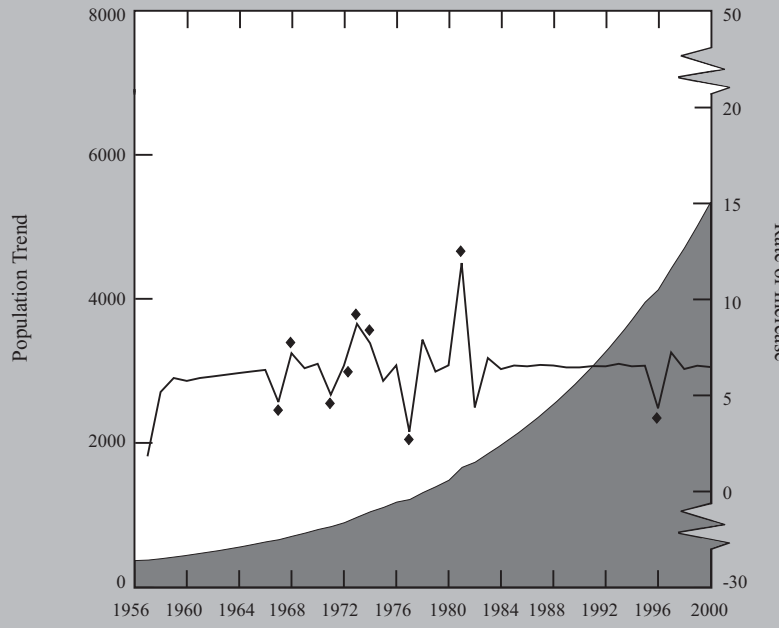
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 64.15% based on mean of all classifications during fall composition surveys of the Middle Ridge Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-11 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Middle Ridge Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



g. Refined Survival Model

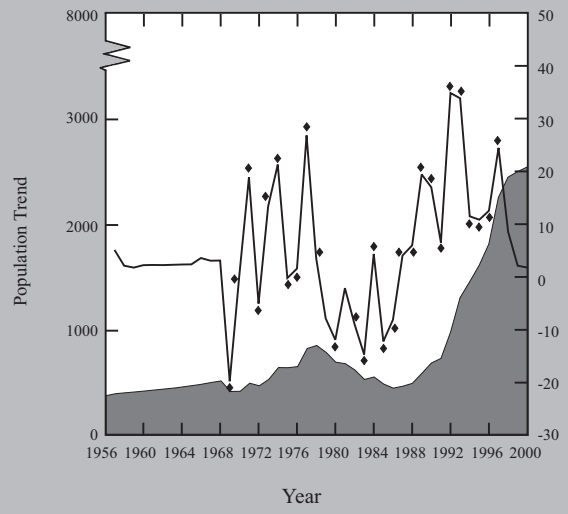
***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for the Middle Ridge Caribou Herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)



h. Refined Fecundity Model

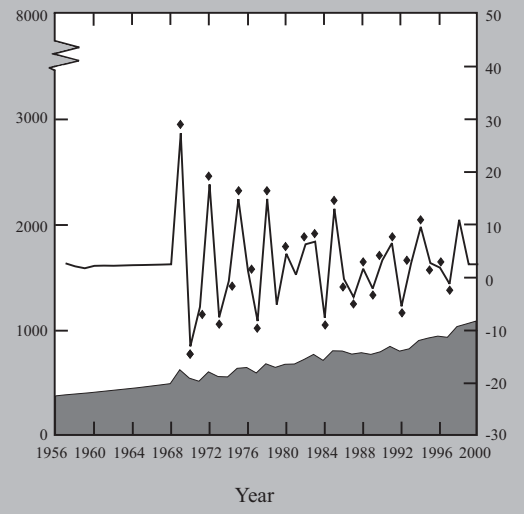
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old in the Middle Ridge Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-11 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Middle Ridge Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



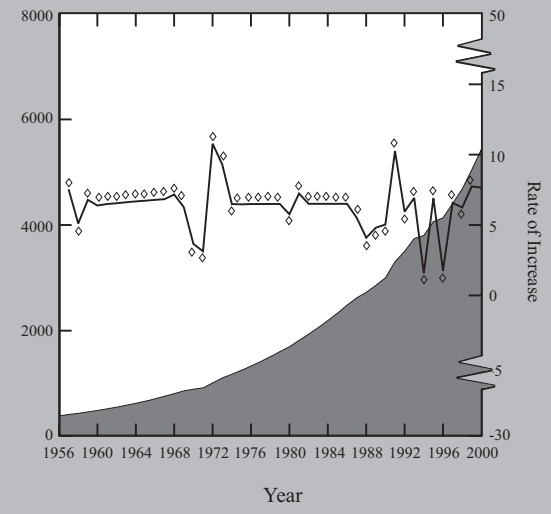
i. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Middle Ridge Caribou Herd; fixed at 50% for calves



j. Refined Sex Ratio Model with Males

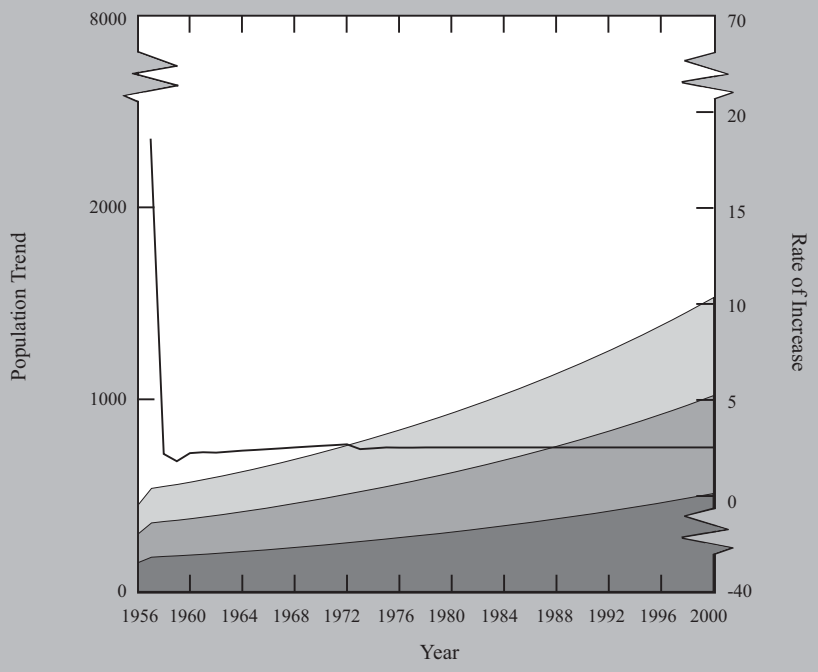
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Middle Ridge Caribou Herd; fixed at 50% for calves



k. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 83.04% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Middle Ridge Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 64; fixed at 50% for calves

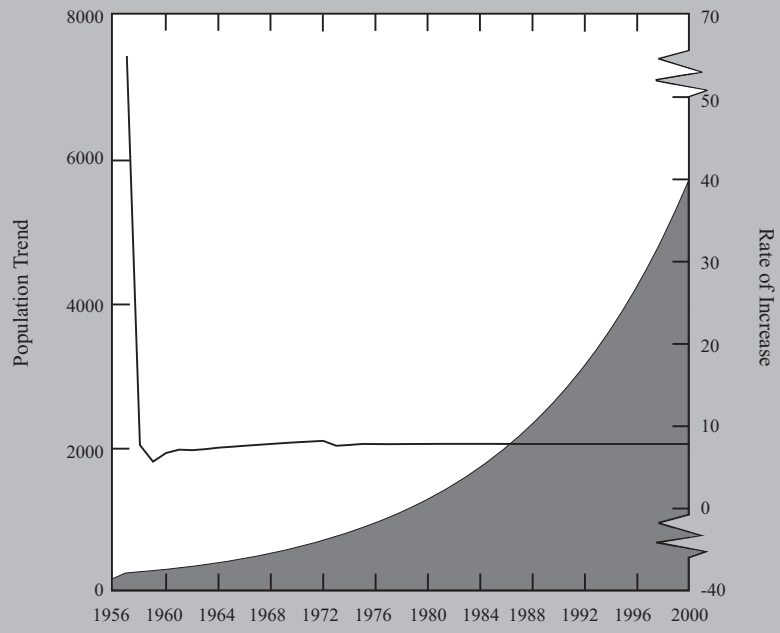
Fig. 14H-11 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Middle Ridge Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information were used where available; herd averages were applied in all other years.



a. Simple Model

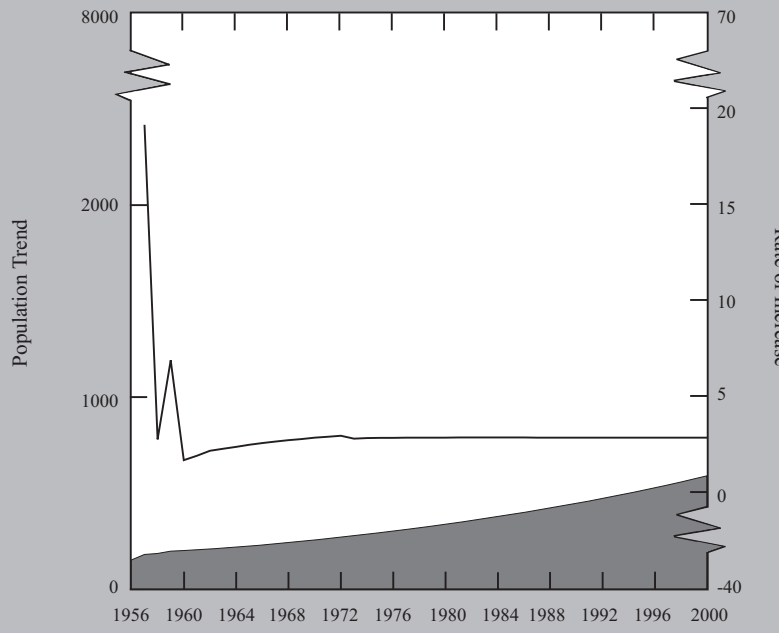
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-12. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Mount Peyton Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data for the Mount Peyton Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

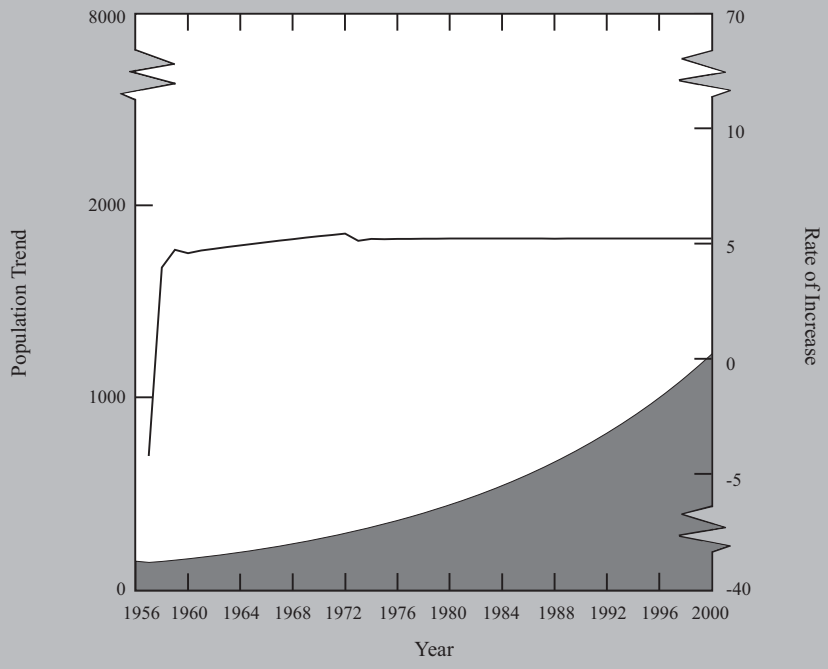


c. Modified Survival Model with Males

Year

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

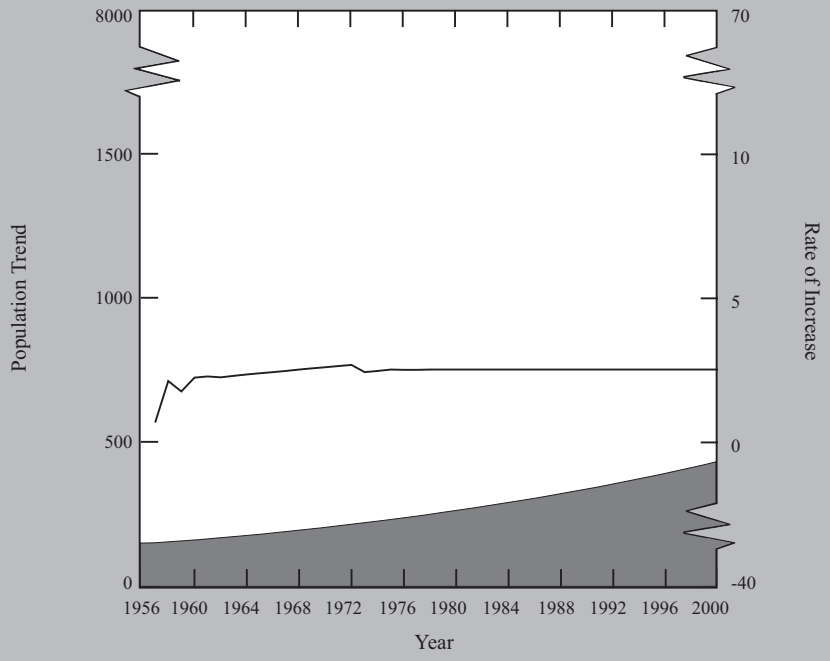
Fig. 14H-12 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Mount Peyton Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 77.48% of females ≥ 2 years, based on mean productivity estimates from spring composition surveys of the Mount Peyton Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

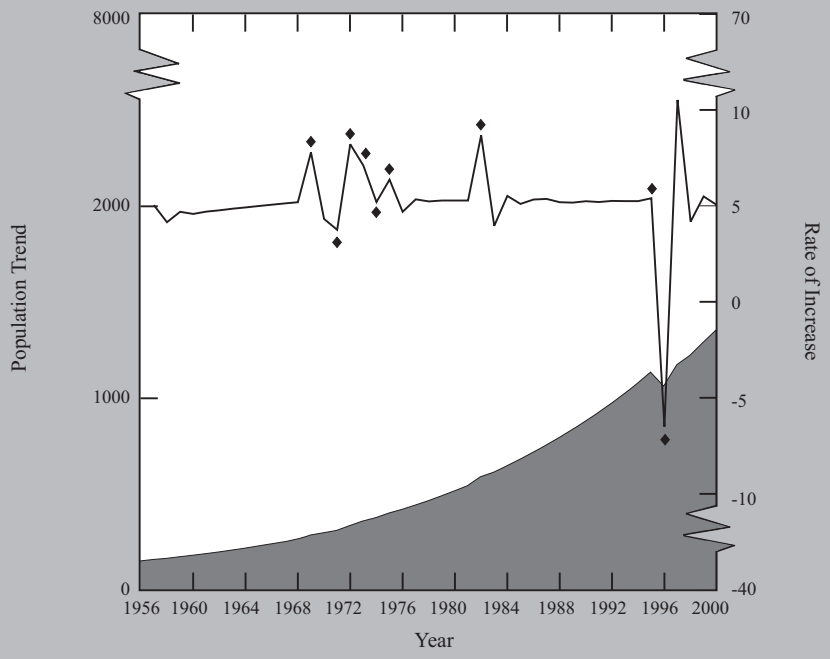
Fig. 14H-12 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Mount Peyton Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Modified Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 66.19% based on mean of all classifications during fall composition surveys of the Mount Peyton Caribou Herd (adults & yearlings) and 50% (calves)

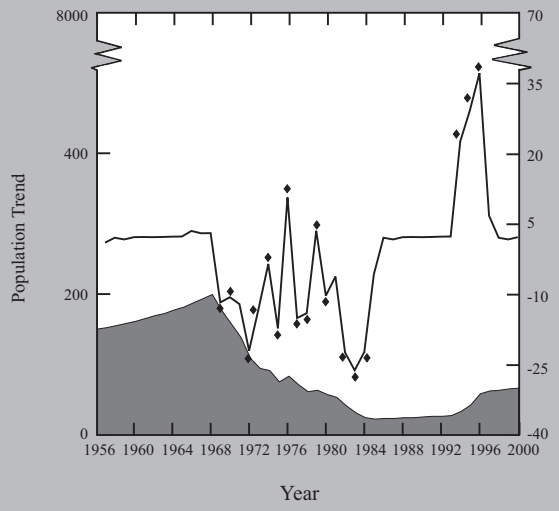
Fig. 14H-12 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Mount Peyton Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Refined Fecundity Model

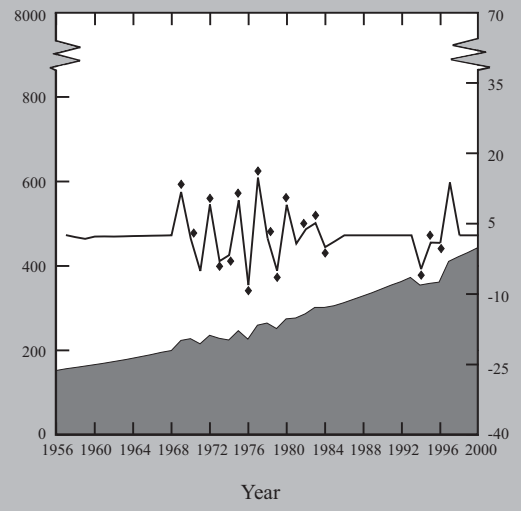
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted from productivity estimates based on spring composition surveys of females ≥ 2 years old in the Mount Peyton Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-12 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Mount Peyton Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



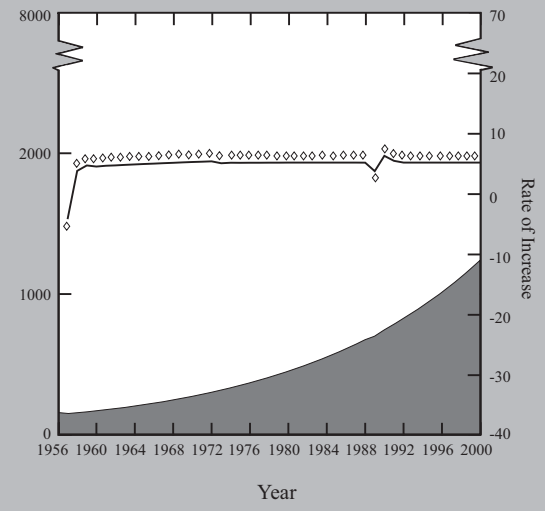
g. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Mount Peyton Caribou Herd; fixed at 50% for calves



h. Refined Sex Ratio Model with Males

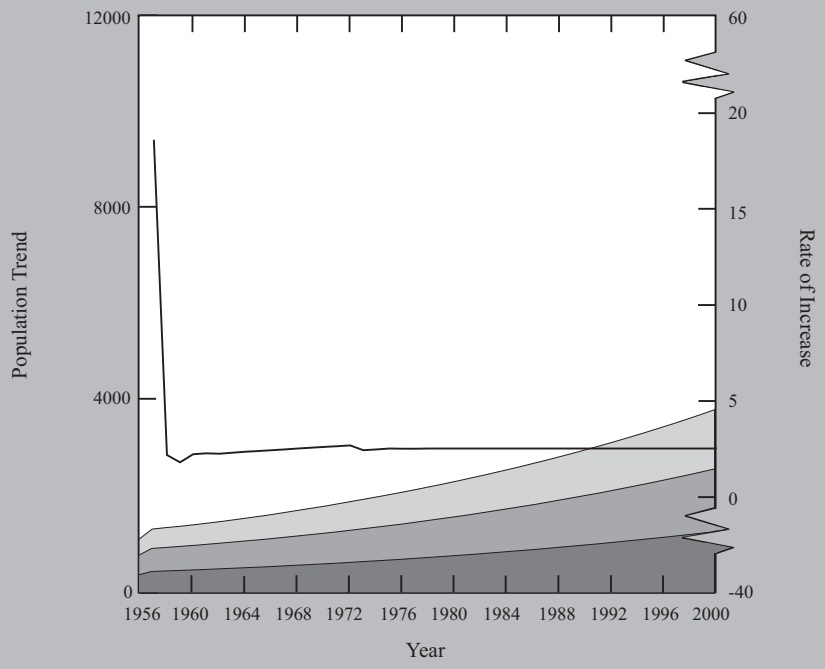
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Mount Peyton Caribou Herd; fixed at 50% for calves



i. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 77.48% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Mount Peyton Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 68; fixed at 50% for calves

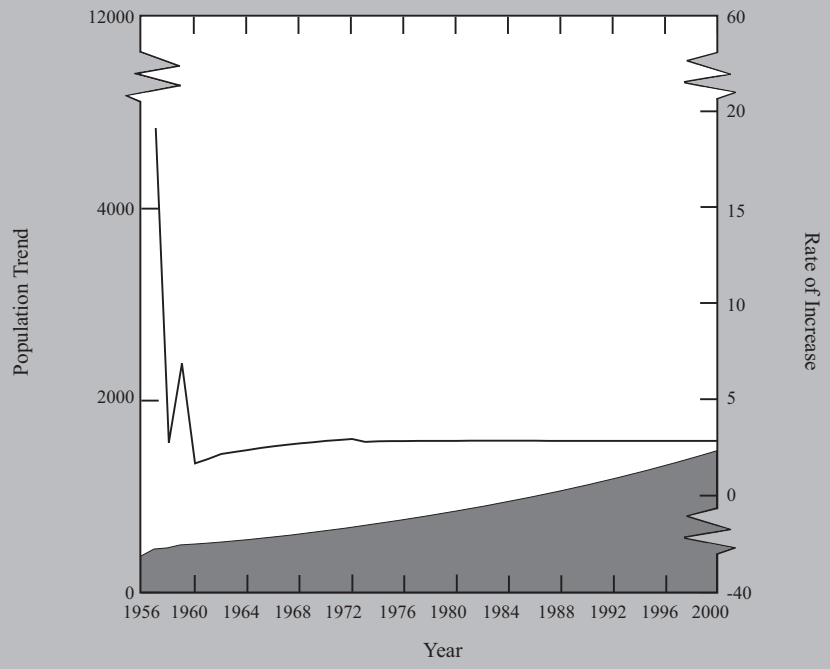
Fig. 14H-12 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Mount Peyton Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information was used where available; herd averages were applied in all other years.



a. Simple Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

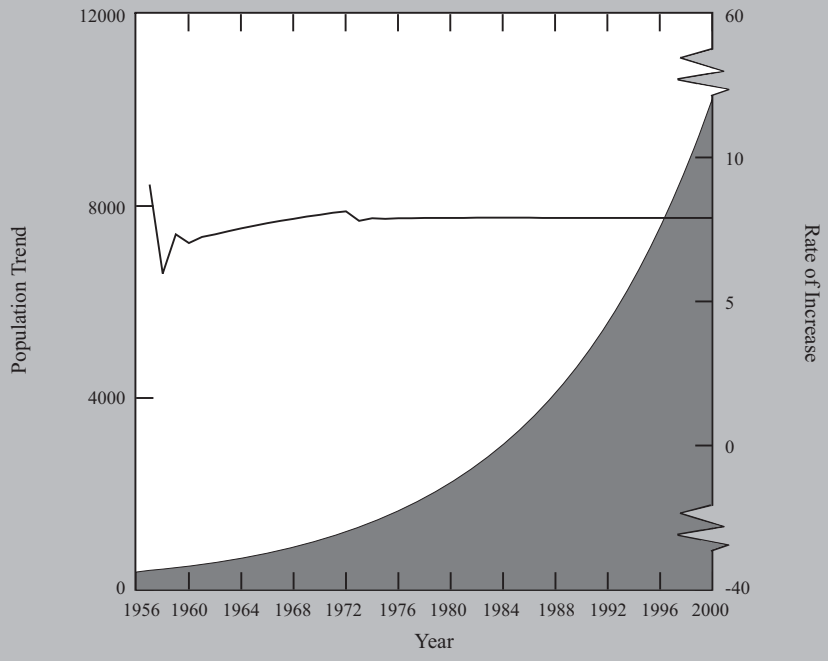
Fig. 14H-13. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Northern Peninsula Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model with Males

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

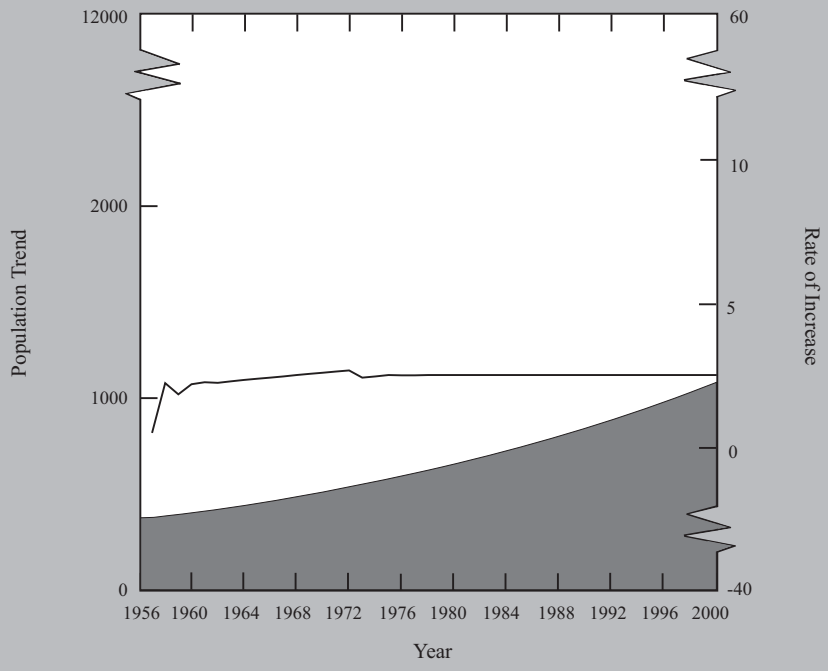
Fig. 14H-13 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Northern Peninsula Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



c. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 89.28% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Northern Peninsula Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

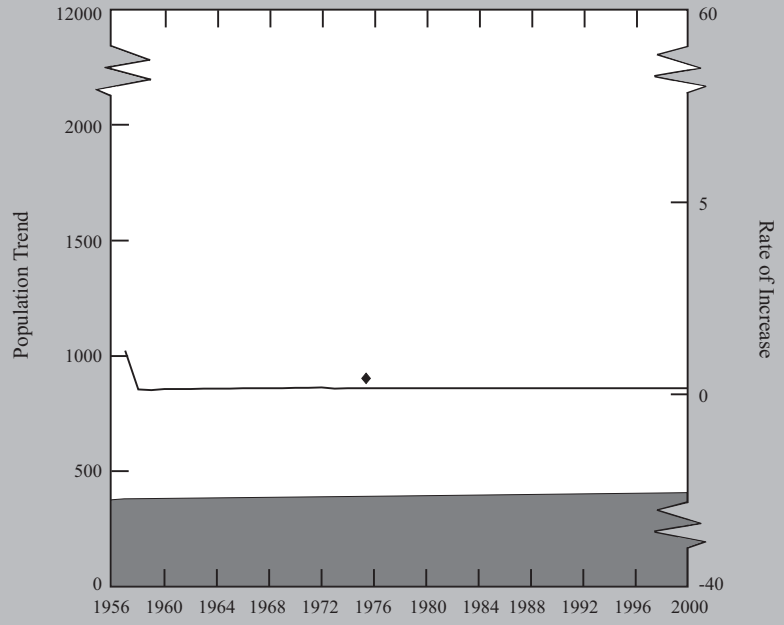
Fig. 14H-13 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Northern Peninsula Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Sex Ratio Model

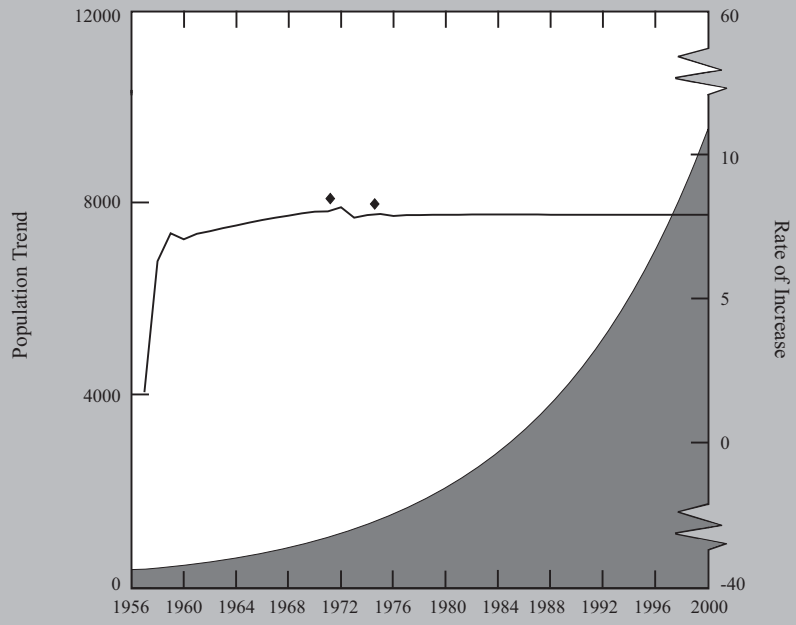
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 53.62% based on mean of all classifications during fall composition surveys of the Northern Peninsula Caribou Herd (adults & yearlings) and 50% (calves)

Fig. 14H-13 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Northern Peninsula Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Refined Survival Model

***Survival*:** adjusted with calf survival based on paired spring and winter composition surveys in which the same calf cohorts were classified twice for the Northern Peninsula Caribou Herd; for all other cohorts survival was fixed from radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

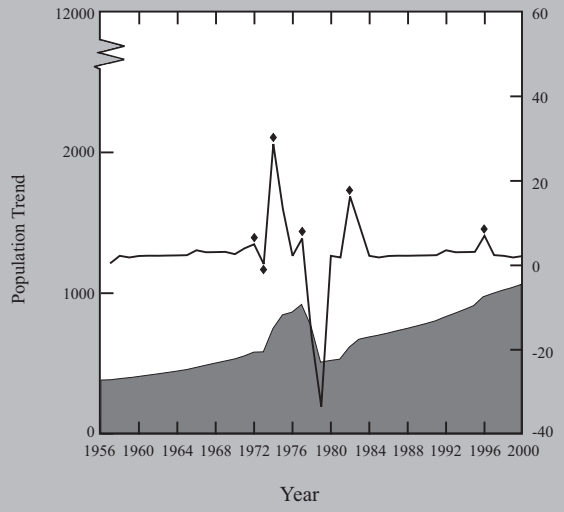


f. Refined Fecundity Model

Year

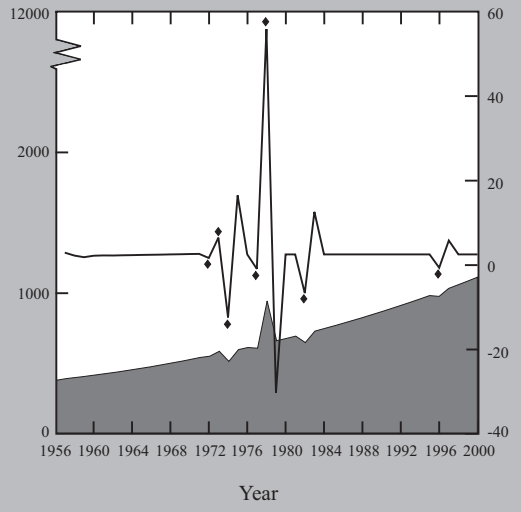
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted with productivity estimates based on spring composition surveys of females ≥ 2 years old in the Northern Peninsula Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-13 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Northern Peninsula Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



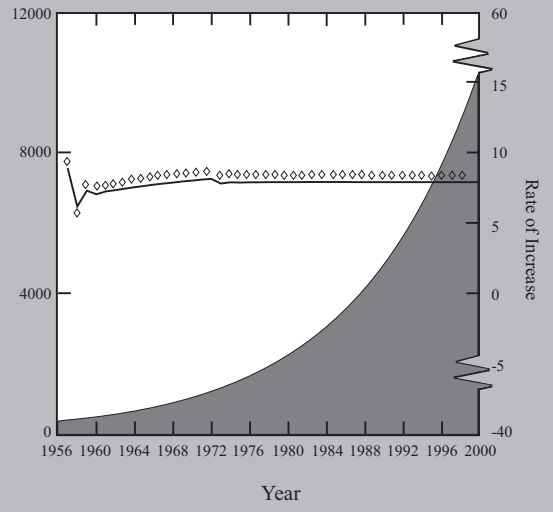
g. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Northern Peninsula Caribou Herd; fixed at 50% for calves



h. Refined Sex Ratio Model with Males

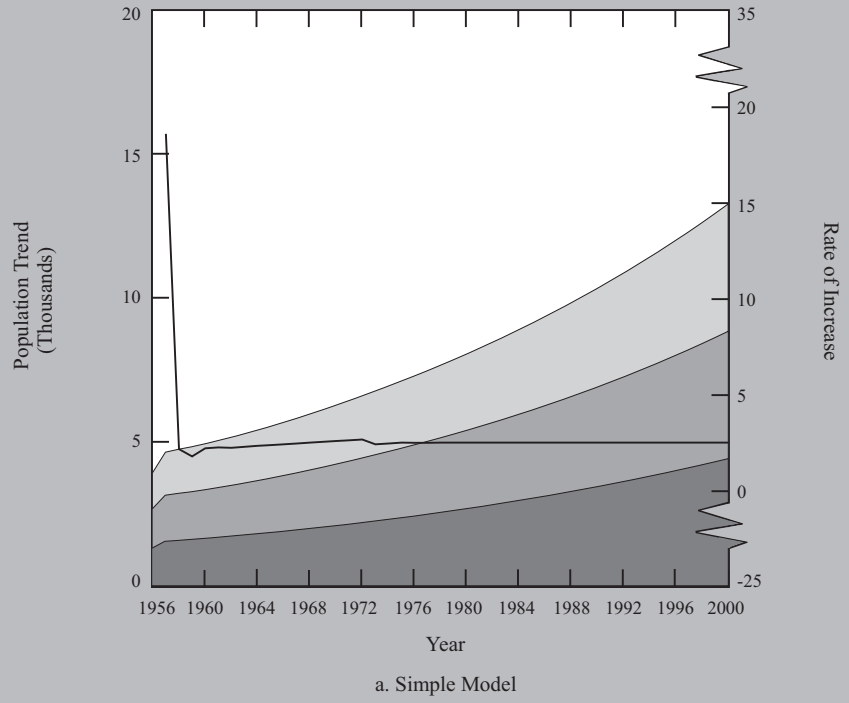
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Northern Peninsula Caribou Herd; fixed at 50% for calves



i. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 89.28% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Northern Peninsula Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 69; fixed at 50% for calves

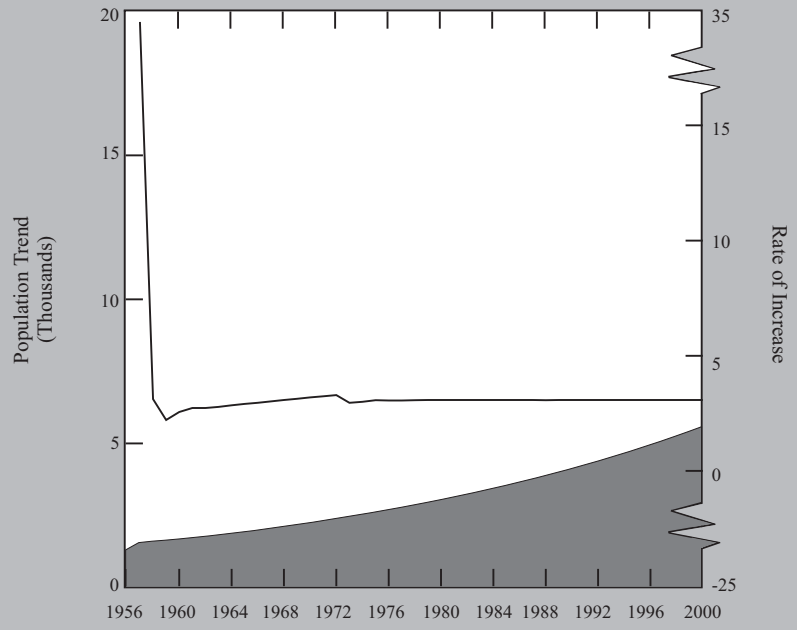
Fig. 14H-13 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Northern Peninsula Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information were used where available; herd averages were applied in all other years.



a. Simple Model

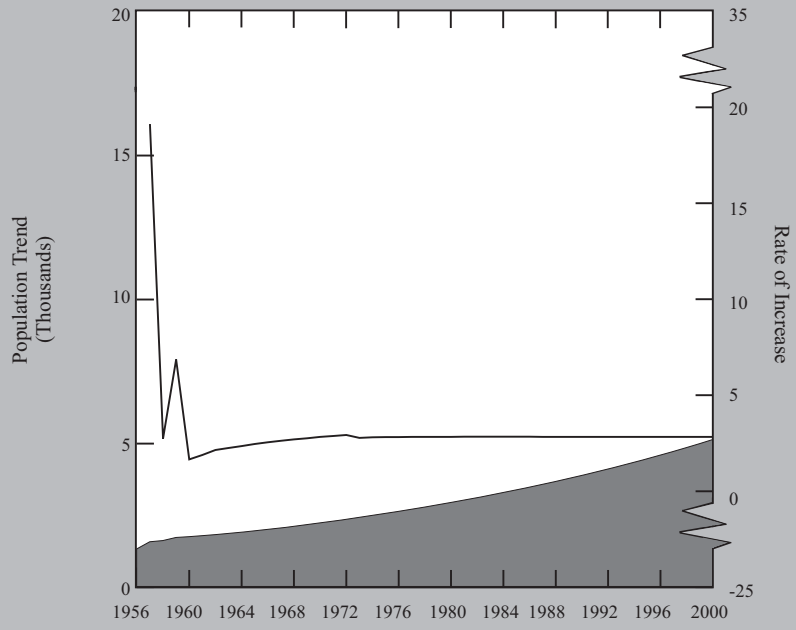
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-14. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Pot Hill Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data for the Pot Hill Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

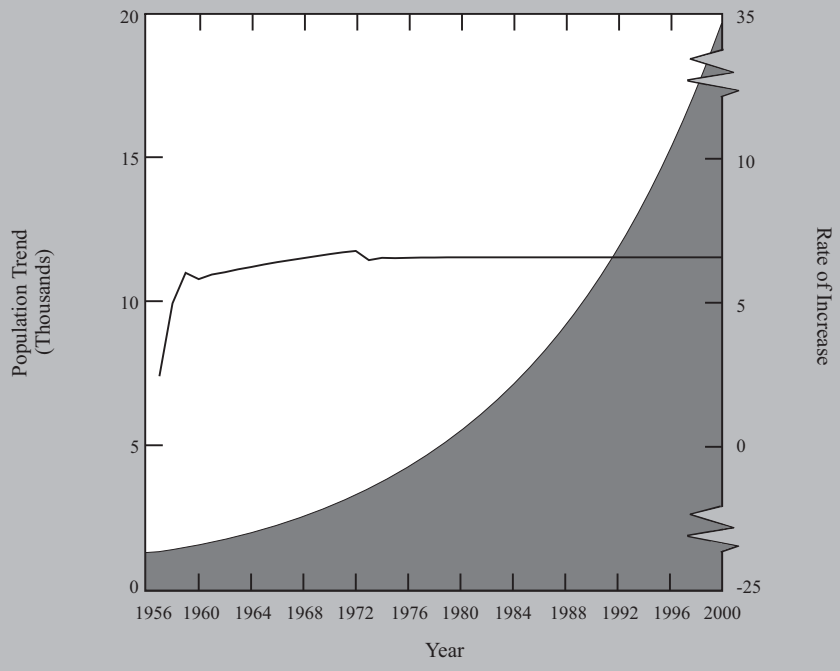


c. Modified Survival Model with Males

Year

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

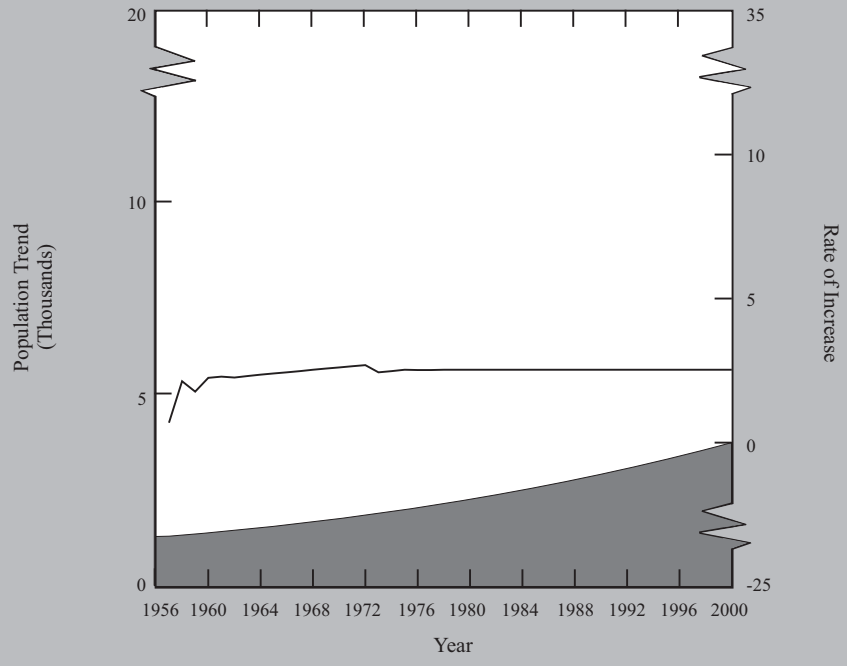
Fig. 14H-14 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Pot Hill Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 83.37% of females ≥ 2 years, based on mean productivity estimates from spring composition surveys of the Pot Hill Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

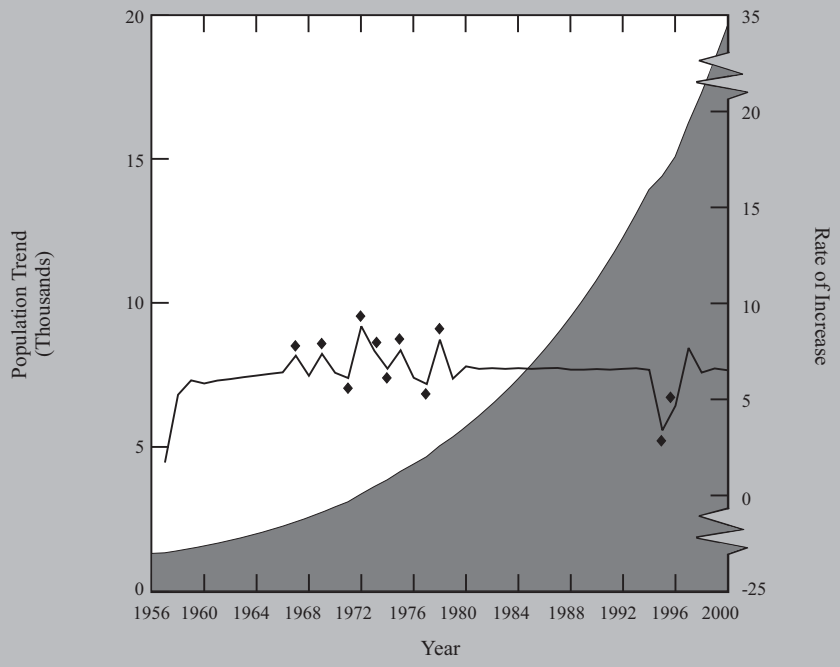
Fig. 14H-14 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Pot Hill Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Modified Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 66.08% based on mean of all classifications during fall composition surveys of the Pot Hill Caribou Herd (adults & yearlings) and 50% (calves)

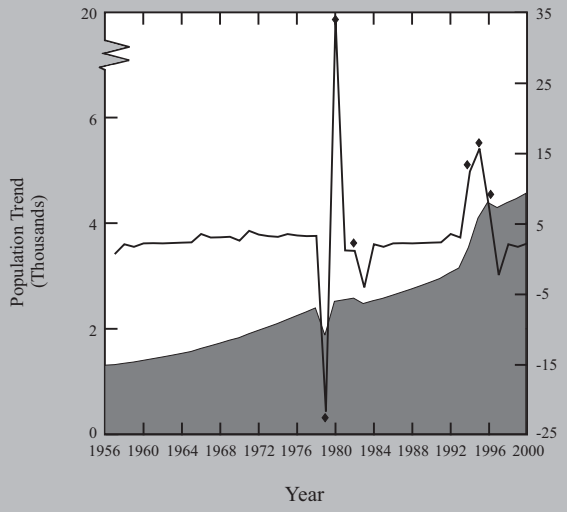
Fig. 14H-14 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Pot Hill Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Refined Fecundity Model

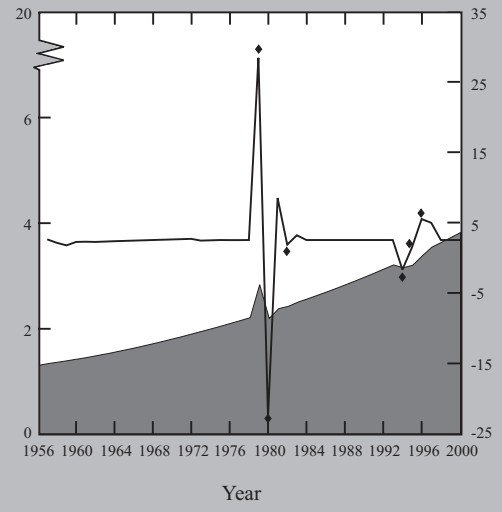
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted from productivity estimates based on spring composition surveys of females ≥ 2 years old in the Pot Hill Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-14 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Pot Hill Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.



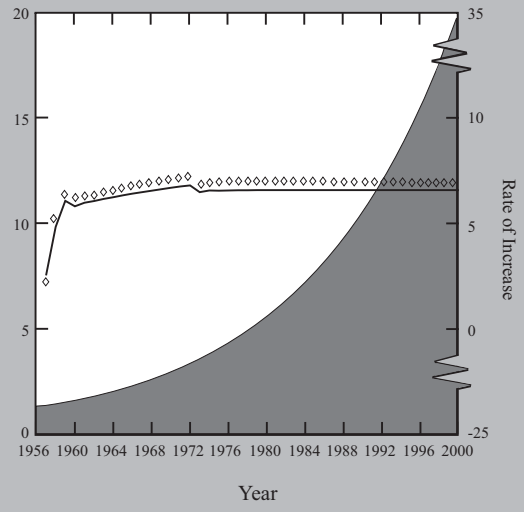
g. Refined Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Pot Hill Caribou Herd; fixed at 50% for calves



h. Refined Sex Ratio Model with Males

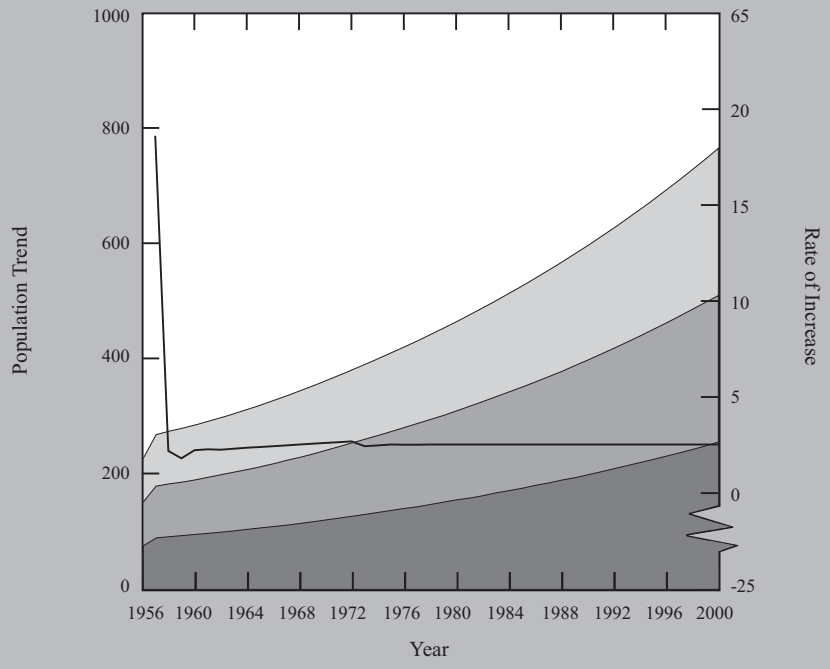
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Pot Hill Caribou Herd; fixed at 50% for calves



i. Refined Sex Ratio Model with Male Harvest

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 83.37% of females ≥ 2 years old, based on mean productivity estimates from spring composition surveys of the Pot Hill Caribou Herd
***Sex Ratios*:** adjusted by numerically subtracting males (adults & yearlings) to account for losses predicted by annual hunter success in harvesting stags from Caribou Management Unit 67; fixed at 50% for calves

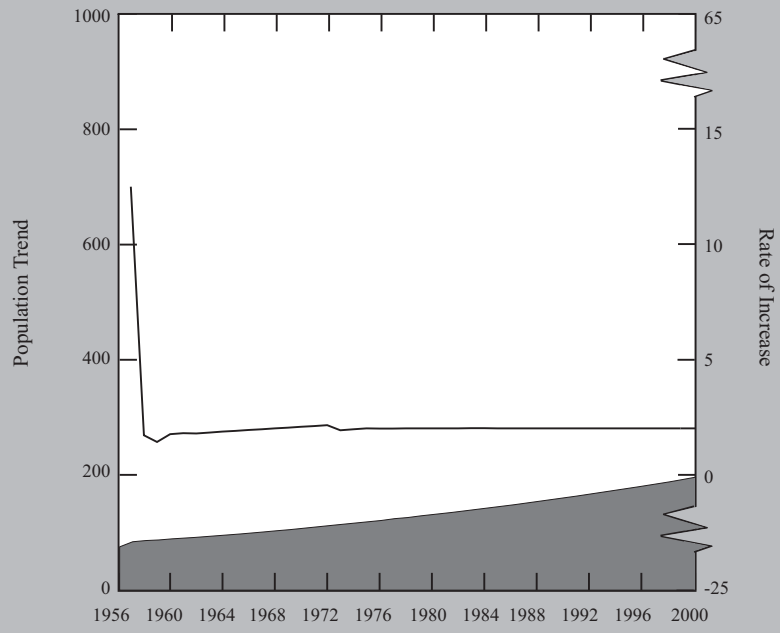
Fig. 14H-14 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Pot Hill Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1959). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) and male harvest (◇) information were used where available; herd averages were applied in all other years.



a. Simple Model

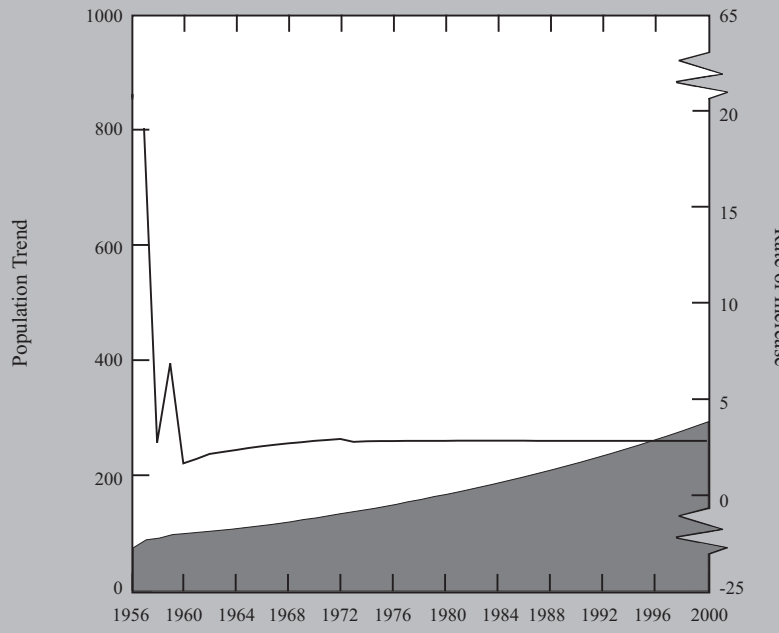
Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-15. Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Sandy Lake Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. The additional trends are based on two (▭) and three (▭) times the initial herd size estimates.



b. Modified Survival Model

***Survival*:** fixed based on radio telemetry data for the Sandy Lake Caribou Herd
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

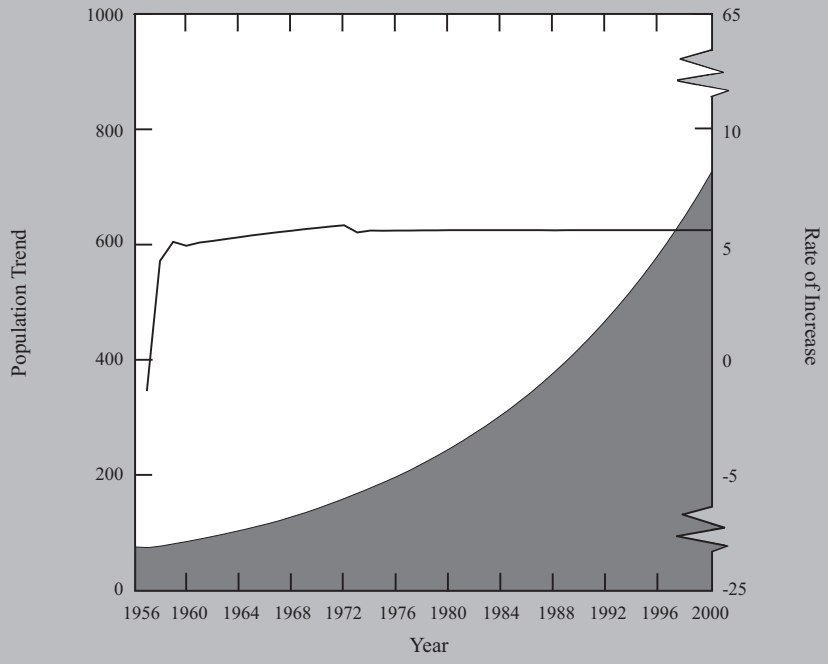


c. Modified Survival Model with Males

Year

***Survival*:** fixed based on radio telemetry combining data from all herds, with female and male two-year olds and adults modelled separately
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

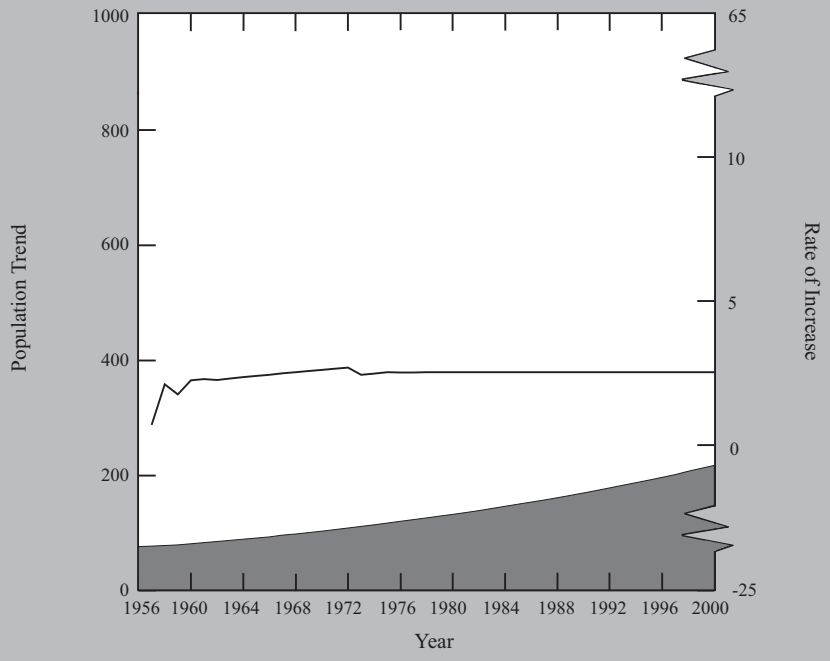
Fig. 14H-15 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Sandy Lake Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



d. Modified Fecundity Model

Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** fixed at one calf produced in 78.93% of females ≥ 2 years, based on mean productivity estimates from spring composition surveys of the Sandy Lake Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

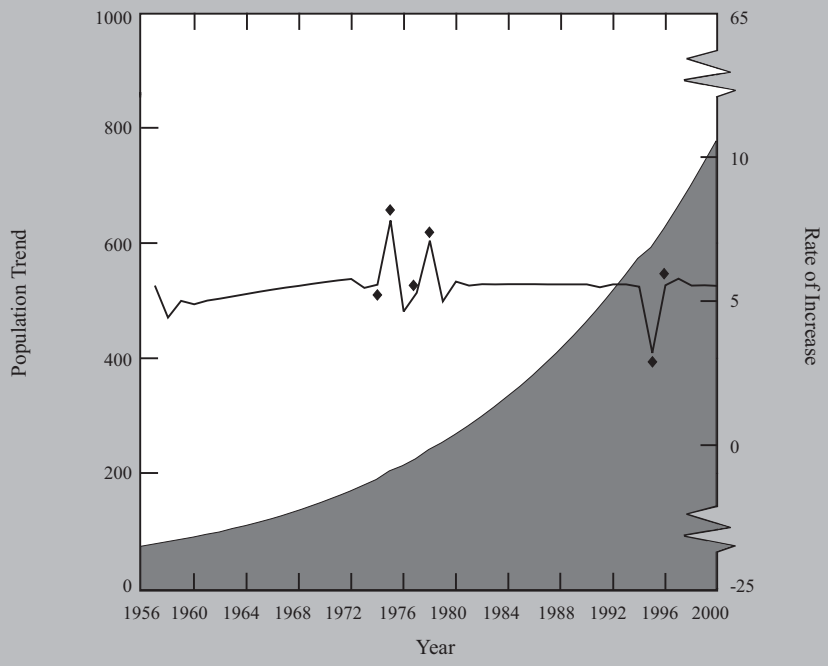
Fig. 14H-15 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Sandy Lake Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



e. Modified Sex Ratio Model

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** fixed at females 67.81% based on mean of all classifications during fall composition surveys of the Sandy Lake Caribou Herd (adults & yearlings) and 50% (calves)

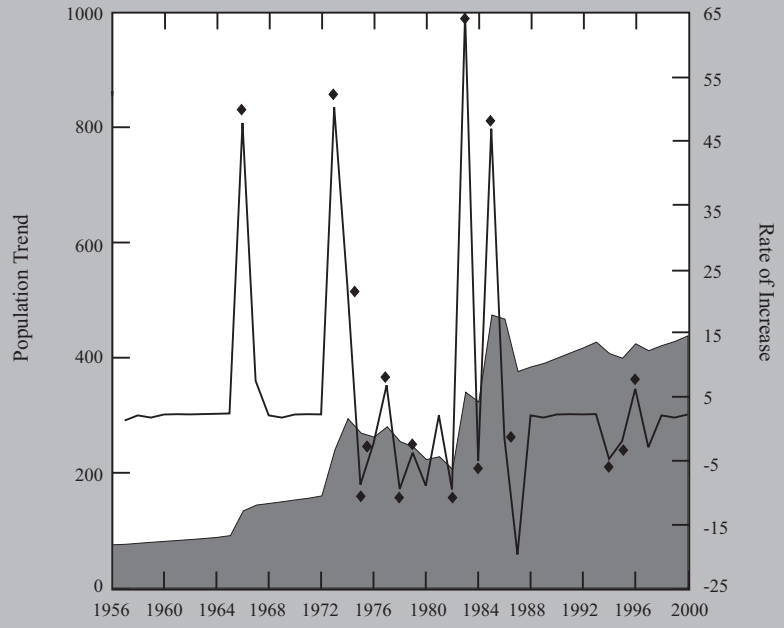
Fig. 14H-15 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Sandy Lake Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated.



f. Refined Fecundity Model

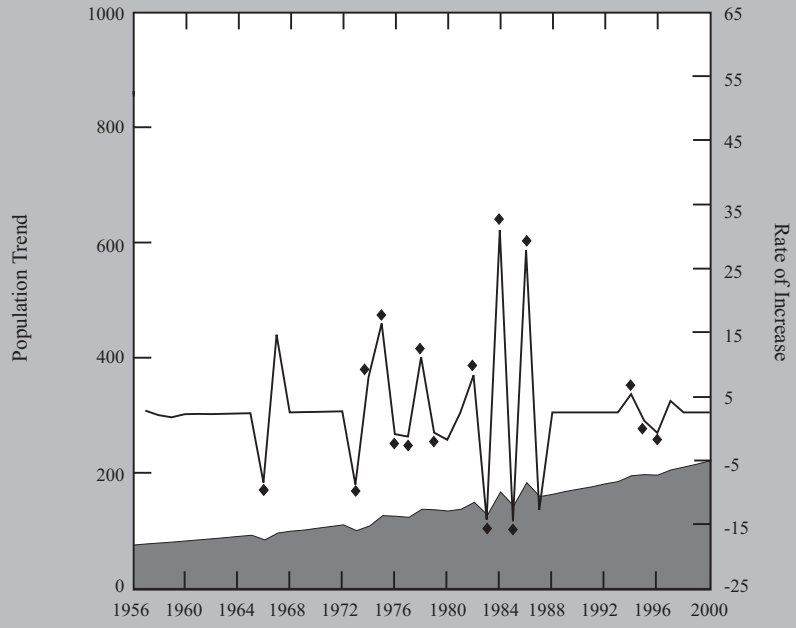
Survival: fixed based on radio telemetry combining data from all herds
***Fecundity*:** adjusted from productivity estimates based on spring composition surveys of females ≥ 2 years old in the Sandy Lake Caribou Herd
Sex Ratios: fixed at females 60% (adults & yearlings) and 50% (calves)

Fig. 14H-15 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Sandy Lake Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; ;herd averages were applied in all other years.



g. Refined Sex Ratio Model

Survival: fixed based on radio telemetry data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting females (adults & yearlings) based on classifications during fall composition surveys of the Sandy Lake Caribou Herd; fixed at 50% for calves



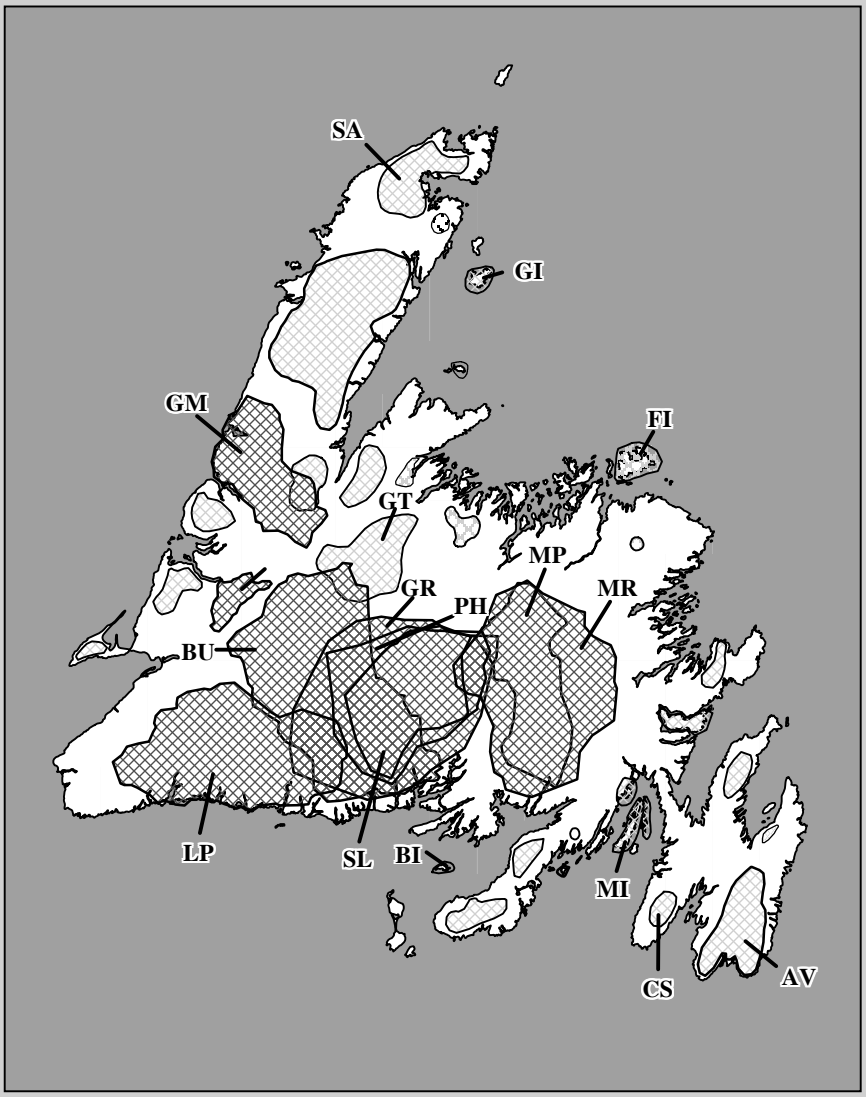
h. Refined Sex Ratio Model with Males

Year

Survival: fixed based on radio telemetry combining data from all herds
Fecundity: fixed at 80% of females ≥ 3 years old producing one calf
***Sex Ratios*:** adjusted by numerically adding or subtracting males (adults & yearlings) based on classifications during fall composition surveys of the Sandy Lake Caribou Herd; fixed at 50% for calves

Fig. 14H-15 (con'd). Predicted population trends (▭) and rates of increase (——) from 1957 to 2000 for the Sandy Lake Caribou Herd. Model parameters were herd size in 1956, age structure, survival, and sex ratio (Caughley 1977). Initial herd size estimates were from Bergerud (1971). Age structure for 16 cohorts was manipulated where necessary to attempt an equilibrium rate of increase based on fixed survival rates and parameter inputs as indicated below each graph. Survival was based on radio telemetry data for calves, yearlings, two-year olds and female adults, unless otherwise indicated. Annual herd composition (◆) information was used where available; herd averages were applied in all other years.

Section 14I:
Classification Survey Results



Caribou Herds

Avalon (AV)
Brunette Island (BI)
Buchans (BU)
Cape Shore (CS)
Fogo Island (FI)
Gaff Topsails (GT)
Grey Islands (GI)
Grey River (GR)
Gros Morne (GM)
La Poile (LP)
Merasheen Island (MI)
Middle Ridge (MR)
Mount Peyton (MP)
Pot Hill (PH)
Sandy Lake (SL)
St. Anthony (SA)

Table 14I-1a: Avalon Caribou Herd group composition from classification surveys, October 29, 1964.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			12						7	0	19			1			1	21
			67						96	0	163			0			0	163
			2						5	0	7			2			3	12
			4						4	0	8			0			3	11
			5						3	0	8			1			1	10
			1						8	0	9			0			1	10
			3						4	0	7			3			1	11
			5						5	0	10			0			4	14
			5						5	0	10			0			3	13
			2						2	0	4			2			2	8
			1						3	0	4			3			2	9
			2						3	0	5			0			2	7
			0						3	0	3			2			1	6
			2						2	0	4			2			0	6
			0						4	0	4			0			2	6
			1						4	0	5			0			2	7
			0						4	0	4			0			2	6
			2						2	0	4			1			2	7
			3						3	0	6			0			1	7
			1						4	0	5			0			0	5
			2						3	0	5			0			0	5
			2						2	0	4			0			0	4
			0						3	0	3			0			1	4
			3						1	0	4			0			0	4
			0						2	0	2			0			2	4
			1						2	0	3			0			0	3
			0						2	0	2			0			1	3
			1						2	0	3			0			0	3
			0						2	0	2			0			1	3
			0						1	0	1			0			1	2
			2						0	0	2			0			0	2
			134						192	0	326			17			39	382

Table 14I-1b: Avalon Caribou Herd group composition from classification surveys, October 6, 1965.

Stags				**Does**						**Adults**		**Yearlings**			**Calves**			**Total Caribou**
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						0	0	0			0			1	1
			0						0	0	0			0			1	1
			0						0	0	0			0			1	1
			0						0	0	0			0			1	1
			0						0	0	0			0			1	1
			0						0	0	0			0			1	1
			0						0	0	0			0			1	1
			0						0	0	0			0			1	1
			0						0	0	0			0			1	1
			0						0	0	0			0			3	3
			0						0	0	0			0			3	3
			0						0	0	0			0			2	2
			0						0	0	0			0			2	2
			0						0	0	0			0			2	2
			0						0	0	0			0			21	21

Table 14I-1c: Avalon Caribou Herd group composition from classification surveys, October 15 and 16, 1966.

Stags				**Does**						**Adults**		**Yearlings**			**Calves**			**Total Caribou**
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2			0			1	3
			1						4	0	5			1			2	8
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			5						8	0	13			3			5	21
			3						9	0	12			1			5	18
			7						11	0	18			3			7	28
			5						16	0	21			3			8	32
			7						19	0	26			6			13	45
			8						19	0	27			2			9	38
			3						11	0	14			2			3	19
			8						17	0	25			0			7	32
			8						8	0	16			2			5	23
			3						5	0	8			2			3	13
			3						5	0	8			1			2	11
			2						6	0	8			1			3	12
			2						4	0	6			1			3	10
			2						4	0	6			1			3	10
			3						5	0	8			1			3	12
			1						6	0	7			1			4	12
			2						4	0	6			1			3	10
			3						4	0	7			0			3	10
			2						3	0	5			0			3	8
			1						5	0	6			0			2	8
			4						2	0	6			1			1	8
			2						4	0	6			0			3	9
			0						6	0	6			1			2	9
			3						3	0	6			0			2	8
			3						3	0	6			1			2	9
			2						3	0	5			1			3	9
			1						4	0	5			0			2	7
			2						2	0	4			0			2	6

Table 14I-1c (con'd) Avalon Caribou Herd group composition from classification surveys, October 15 and 16, 1966.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						3	0	4			0			3	7
			1						4	0	5			1			1	7
			0						3	0	3			1			2	6
			2						2	0	4			0			2	6
			2						2	0	4			0			2	6
			2						1	0	3			1			1	5
			1						2	0	3			1			1	5
			1						2	0	3			0			2	5
			2						2	0	4			0			1	5
			2						2	0	4			0			1	5
			2						2	0	4			0			1	5
			3						1	0	4			0			1	5
			1						2	0	3			0			2	5
			1						2	0	3			0			2	5
			0						2	0	2			0			2	4
			2						1	0	3			0			1	4
			1						2	0	3			0			1	4
			1						2	0	3			0			1	4
			0						2	0	2			0			1	3
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			0						1	0	1			1			1	3
			1						1	0	2			0			1	3
			0						2	0	2			0			1	3
			1						1	0	2			0			1	3
			0						2	0	2			0			1	3
			1						1	0	2			0			1	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			1						1	0	2			0			0	2
			0						1	0	1			0			1	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			149						272	0	421			41			164	626

Table 14I-1d: Avalon Caribou Herd group composition from classification surveys, May 26, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0						1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1	2	3	5			0	6
			2						0	0	2	3	1	4			0	6
			0						0	0	0	3	3	6			0	6
			0			3	1	0	4	0	4	1	1	2			0	6
			0						0	0	0	3	2	5			0	5
			0			3	0	0	3	0	3	0	2	2			0	5
			0						1	0	1	0	2	2			0	3
			0						1	0	1	1	1	2			0	3
			0						0	0	0	2	1	3			0	3
			0			3	0	0	3	0	3			0			0	3
			2						0	0	2	1	0	1			0	3
			0			3	0	0	3	0	3			0			0	3
			0						1	0	1	0	1	1			0	2
			0						0	0	0	1	1	2			0	2

Table 14I-1d (con'd): Avalon Caribou Herd group composition from classification surveys, May 26, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1	0	1	1			0	2
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			0						0	0	0	1	1	2			0	2
			0						0	0	0	0	2	2			0	2
			0			1	0	0	1	0	1	0	1	1			0	2
			0						1	0	1	0	1	1			0	2
			0						0	0	0	1	1	2			0	2
			0						0	0	0	1	1	2			0	2
			0			0	1	0	2	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			0						2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0						2	0	2			0			0	2
			0			1	0	0	1	0	1	0	1	1			0	2
			17			33	4	0	56	0	73	21	28	49			0	122

Table 14I-1e: Avalon Caribou Herd group composition from classification surveys, May 31, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						0	0	0	0	1	1			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			1						0	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0						0	0	0	1	0	1			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0						0	0	0	4	5	9			0	9
			2						0	0	2	1	3	4			0	6
			0			5	1	0	6	0	6	0	1	1			0	7
			0			5	0	0	5	0	5	1	0	1			0	6
			0			5	1	0	6	0	6	0	1	1			0	7
			0			5	1	0	6	0	6	0	1	1			0	7
			0			6	1	0	7	0	7			0			0	7
			0						0	0	0	3	3	6			0	6
			0						0	0	0	4	3	7			0	7
			0			5	0	0	5	0	5			0			0	5
			0						0	0	0	2	2	4			0	4
			0						0	0	0	1	3	4			0	4
			0						0	0	0	2	2	4			0	4
			0			2	1	0	3	0	3			0			0	3

Table 14I-1e (con'd): Avalon Caribou Herd group composition from classification surveys, May 31, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						0	0	0	1	2	3			0	3
			1						0	0	1	1	1	2			0	3
			0			3	0	0	3	0	3			0			0	3
			1						0	0	1	1	0	1			0	2
			1			1	0	0	1	0	2			0			0	2
			0						0	0	0	1	1	2			0	2
			0						0	0	0	0	2	2			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						0	0	0	0	2	2			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						0	0	0	1	1	2			0	2
			0						0	0	0	1	1	2			0	2
			0			1	0	0	1	0	1	0	1	1			0	2
			2						0	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			1	0	0	1	0	1	0	1	1			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0						1	0	1	0	1	0			0	2
			32			59	5	1	67	0	99	30	42	71			0	171

Table 14I-1f: Avalon Caribou Herd group composition from classification surveys, June 21, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			11	0	0	11	0	11			0			0	11
			0			12	2	0	14	0	14	1	0	1			0	15
			0			5	1	0	6	0	6	1	1	2			0	8
			0			1	1	0	2	0	2	1	2	3			0	5
			0			0	1	0	1	0	1	3	0	3			0	4
			0						0	0	0	2	1	3			0	3
			3						0	0	3			0			0	3
			0			2	1	0	3	0	3			0			0	3
			0			0	1	0	1	0	1	1	1	2			0	3
			0			3	0	0	3	0	3			0			0	3
			0			0	1	1	2	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						0	0	0	2	0	2			0	2
			12			38	9	3	50	0	62	11	7	18			0	80

Table 14I-1g: Avalon Caribou Herd group composition from classification surveys, October 7, 1967.

Stags				**Does**						**Adults**		**Yearlings**			**Calves**			**Total Caribou**
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			0			1	1
			0						0	0	0			1			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			2						5	0	7			5			4	16
			8						9	1	18			9			7	34
			4						8	0	12			7			5	24
			9						16	2	27			10			10	47
			4						12	2	18			6			8	32
			5						7	0	12			4			5	21
			2						6	0	8			4			5	17
			5						10	2	17			5			6	28
			4						6	0	10			2			5	17
			6						11	1	18			6			7	31
			2						5	0	7			3			3	13
			3						4	0	7			0			3	10
			2						6	0	8			3			4	15
			3						4	0	7			3			3	13
			3						3	0	6			5			3	14
			1						5	0	6			1			3	10
			3						4	0	7			4			4	15
			1						3	0	4			0			2	6
			1						3	0	4			1			2	7
			2						2	0	4			0			2	6
			2						2	0	4			0			2	6
			1						2	0	3			2			1	6
			1						3	0	4			2			1	7
			1						3	0	4			0			2	6
			1						2	0	3			1			2	6
			1						3	0	4			0			2	6

Table 14I-1g (con'd): Avalon Caribou Herd group composition from classification surveys, October 7, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						3	0	5			0			2	7
			1						3	0	4			0			2	6
			1						2	0	3			0			2	5
			1						2	0	3			1			1	5
			1						1	0	2			2			1	5
			1						2	0	3			0			2	5
			1						2	0	3			0			2	5
			3						1	0	4			0			1	5
			1						1	0	2			1			1	4
			1						1	0	2			1			1	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			2						1	0	3			0			1	4
			0						2	0	2			1			1	4
			2						1	0	3			0			1	4
			0						2	0	2			0			2	4
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			2						1	0	3			0			0	3
			1						1	0	2			0			1	3
			0						2	0	2			0			1	3
			0						1	0	1			1			1	3
			1						1	0	2			0			1	3
			0						1	0	1			1			1	3
			0						2	0	2			0			1	3
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			0						1	0	2			0			1	3
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						0	0	1			1			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			1						1	0	2			0			0	2
			136						197	8	341			93			141	575

Table 14I-1h: Avalon Caribou Herd group composition from classification surveys, June 16, 1968.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1

Table 14I-1h (con’d): Avalon Caribou Herd group composition from classification surveys, June 16, 1968.

Stags				**Does**						**Adults**		**Yearlings**			**Calves**			**Total Caribou**
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						9	0	9			0			8	17
			0						12	0	12			0			12	24
			0						10	0	10			0			8	18
			0						10	0	10			0			8	18
			0						9	0	9			0			9	18
			0						9	0	9			0			7	16
			2						0	3	5	2	3	5			0	10
			0						7	0	7			0			5	12
			0						6	0	6			0			6	12
			0						6	0	6			0			4	10
			0						5	0	5			0			3	8
			0						4	0	4			0			4	8
			0						5	0	5			0			3	8
			0						4	0	4			0			4	8
			0						5	0	5			0			4	9
			0						5	0	5			0			3	8
			2						0	2	4	1	1	2			0	6
			0						4	0	4			0			3	7
			0						3	0	3			0			3	6
			1						0	2	3	2	2	4			0	7
			0						3	0	3			0			3	6
			0						1	2	3	2	1	3			0	6
			0						3	0	3			0			3	6
			3						0	1	4			3			0	7
			0						4	0	4			0			3	7
			0						3	0	3			0			3	6
			0						3	0	3			0			3	6
			0						3	0	3			0			3	6
			0						2	2	4	1	0	1			1	6

Table 14I-1h (con'd): Avalon Caribou Herd group composition from classification surveys, June 16, 1968.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						4	0	4			0			2	6
			0						0	4	4	1	1	2			0	6
			0						3	0	3			0			2	5
			0						2	0	2	0	1	1			2	5
			0						0	2	2	2	1	3			0	5
			0						3	0	3			0			2	5
			2						0	1	3	1	1	2			0	5
			0						3	0	3			0			2	5
			0						2	0	2			0			2	4
			0						0	3	3	1	0	1			0	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			2						0	0	2	1	1	2			0	4
			0						0	3	3	1	0	1			0	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			2						0	0	2	1	0	1			0	3
			2						0	0	2			1			0	3
			1						0	0	1	1	1	2			0	3
			2						0	0	2	0	1	1			0	3
			2						0	0	2	0	1	1			0	3
			2						0	0	2	0	1	1			0	3
			1						0	0	1			2			0	3
			1						0	0	1	1	1	2			0	3
			1						0	1	2	0	1	1			0	3
			1						0	2	3			0			0	3
			1						0	0	1	1	1	2			0	3
			1						0	0	1	1	1	2			0	3
			3						0	0	3			0			0	3
			2						1	0	3			0			0	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			0						1	0	1	1	0	1			1	3
			0						0	1	1	2	0	2			0	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			3						0	0	3			0			0	3
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2

Table 14I-1h (con'd): Avalon Caribou Herd group composition from classification surveys, June 16, 1968.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						0	0	0	1	1	2			0	2
			0						0	0	0	1	1	2			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						0	2	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1	1	0	1			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			1						0	0	1	1	0	1			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			1						0	0	1	0	1	1			0	2
			0						1	0	1			0			1	2
			0						0	2	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			0						0	0	0	1	1	2			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			1						0	0	1	0	1	1			0	2
			1						0	0	1	0	1	1			0	2
			1						0	0	1	0	1	1			0	2
			1						0	0	1	1	0	1			0	2
			1						0	0	1	0	1	1			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			125						223	33	381	29	30	65			169	615

Table 14I-1i: Avalon Caribou Herd group composition from classification surveys, October 21, 1968.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						8	0	10	2	2	4	2	3	5	19
			4						7	0	11	1	3	4	1	3	4	19
			4						7	0	11	2	1	3	2	2	4	18
			4						8	0	12	2	1	3	2	2	4	19
			5						4	0	9	3	2	5	1	1	2	16
			4						6	0	10	2	1	3	1	1	2	15
			0						5	0	5	2	2	4	0	3	3	12
			2						4	0	6	1	1	2	2	1	3	11
			2						4	0	6	2	1	3	1	1	2	11
			2						4	0	6	0	1	1	1	2	3	10
			4						5	0	9	1	1	2	1	1	2	13
			1						4	0	5	1	2	3	0	2	2	10
			3						6	0	9	2	2	4	1	1	2	15
			3						5	0	8	2	2	4	1	0	1	13
			0						5	0	5	1	2	3	1	2	3	11
			4						2	0	6	1	0	1	1	1	2	9
			2						4	0	6	1	1	2	1	0	1	9
			1						3	0	4	1	2	3	1	1	2	9
			2						3	0	5	1	1	2	0	2	2	9
			2						3	0	5	1	1	2	0	1	1	8
			3						2	0	5	0	1	1	1	0	1	7
			2						2	0	4	1	0	1	1	1	2	7
			1						3	0	4			0	1	1	2	6
			1						3	0	4	1	1	2	1	0	1	7
			1						2	0	3	1	1	2	1	1	2	7
			2						2	0	4			0	2	0	2	6
			2						2	0	4			0	0	2	2	6
			1						3	0	4			0	1	1	2	6
			2						1	0	3	1	1	2	0	1	1	6
			1						2	0	3	0	1	1	1	0	1	5
			1						2	0	3			0	1	1	2	5
			0						3	0	3	1	0	1	1	0	1	5
			0						1	0	1	2	1	3			0	4
			0						2	0	2			0	0	2	2	4
			0						2	0	2			0	1	1	2	4
			1						2	0	3			0	0	1	1	4
			1						2	0	3			0	0	1	1	4
			1						1	0	2			0	1	0	1	3
			1						1	0	2	1	0	1			0	3
			0						1	0	1	1	0	1	0	1	1	3
			0						2	0	2			0	0	1	1	3
			0						0	0	0	2	1	3			0	3
			0						1	0	1	0	1	1	1	0	1	3
			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			73						145	0	218	40	37	77	35	47	82	377

Table 14I-1j: Avalon Caribou Herd group composition from classification surveys, October 24, 1968.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			3						6	0	9	2	3	5	0	3	3	17
			2						6	0	8	2	2	4	3	1	4	16
			7						7	0	14	1	3	4	2	2	4	22
			5						5	0	10	2	1	3	1	2	3	16
			3						4	0	7	2	1	3	1	1	2	12
			2						4	0	6	1	2	3	1	1	2	11
			2						4	0	6	2	3	5	1	1	2	13
			3						5	0	8	1	2	3	1	2	3	14
			3						2	0	5	1	0	1	1	1	2	8
			3						0	0	3	1	2	3	1	1	2	8
			3						2	0	5	0	2	2	0	2	2	9
			2						3	0	5			0	0	2	2	7
			1						2	0	3	0	1	1	1	1	2	6
			1						2	0	3	0	2	2	1	0	1	6
			4						2	0	6			0			0	6
			1						3	0	4			0	0	2	2	6
			1						3	0	4	0	1	1	1	1	2	7
			1						3	0	4			0	0	2	2	6
			2						3	0	5			0	1	1	2	7
			1						2	0	3	1	1	2			0	5
			2						3	0	5			0			0	5
			1						0	0	1	2	1	3	0	1	1	5
			1						2	0	3			0	1	1	2	5
			1						2	0	3			0	1	0	1	4
			1						0	0	1	0	1	1	1	1	2	4
			2						1	0	3			0	1	0	1	4
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	1	0	1	3
			2						0	0	2			0	0	1	1	3
			62						78	0	140	18	28	46	22	30	52	238

Table 14I-1k: Avalon Caribou Herd group composition from classification surveys, June 1, 1969.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0			1	0	0	1	0	1			0			0	1
			0						1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			7	1	1	9	0	9	1	1	2			0	11
			2					2	2	0	4	3	1	4			0	8
			3					3	3	0	6	2	1	3			0	9
			3					2	2	0	5	2	2	4			0	9
			0					2	2	0	2	3	4	7			0	9
			0			2	1	3	6	0	6	2	1	3			0	9
			0					1	1	0	1	4	5	9			0	10
			1					3	3	0	4	2	2	4			0	8
			4					1	1	0	5	2	1	3			0	8
			0					1	1	0	1	3	2	5			0	6
			2					4	4	0	6			0			0	6
			5						0	0	5	1	1	2			0	7
			2					2	2	0	4	2	0	2			0	6
			0			3	1	0	4	0	4	1	1	2			0	6
			3					2	2	0	5	1	1	2			0	7
			4						0	0	4	0	2	2			0	6
			0			3	2	0	5	0	5	1	1	2			0	7
			0			3	1	2	6	0	6	1	0	1			0	7
			0			7	0	0	7	0	7			0			0	7
			0			5	2	0	7	0	7			0			0	7
			0			6	0	0	6	0	6			0			0	6
			2					1	1	0	3	2	1	3			0	6
			2					2	2	0	4	1	1	2			0	6
			2						0	0	2	2	2	4			0	6
			2					2	2	0	4	2	1	3			0	7
			4						0	0	4	0	1	1			0	5
			2					2	2	0	4	0	1	1			0	5
			2						0	0	2	2	1	3			0	5
			0			5	0	0	5	0	5			0			0	5
			0					2	2	0	2	2	1	3			0	5
			0			5	0	0	5	0	5			0			0	5
			2					1	1	0	3	1	1	2			0	5
			1					2	2	0	3	1	0	1			0	4
			1					1	1	0	2	1	1	2			0	4

Table 14I-1k (con'd): Avalon Caribou Herd group composition from classification surveys, June 1, 1969.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			4	0	0	4	0	4			0			0	4
			0			4	0	0	4	0	4			0			0	4
			2					2	2	0	4			0			0	4
			2					2	2	0	4			0			0	4
			3						0	0	3	0	1	1			0	4
			2						0	0	2	1	1	2			0	4
			0					1	1	0	1	2	1	3			0	4
			3					1	1	0	4			0			0	4
			2						0	0	2	1	1	2			0	4
			0			2	0	0	2	0	2	1	1	2			0	4
			4						0	0	4			0			0	4
			0					1	1	0	1	2	1	3			0	4
			0					1	1	0	1	1	2	3			0	4
			0			2	2	0	4	0	4			0			0	4
			0			3	0	1	4	0	4			0			0	4
			0			2	0	1	3	0	3	0	1	1			0	4
			0						0	0	0	3	1	4			0	4
			0			2	0	0	2	0	2	1	1	2			0	4
			2					2	2	0	4			0			0	4
			1						0	0	1	1	1	2			0	3
			0			3	0	0	3	0	3			0			0	3
			2						0	0	2	0	1	1			0	3
			2						0	0	2	1	0	1			0	3
			3						0	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			0					2	2	0	2	1	0	1			0	3
			0			2	1	0	3	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			3						0	0	3			0			0	3
			1					1	1	0	2	1	0	1			0	3
			0			3	0	0	3	0	3			0			0	3
			2					1	1	0	3			0			0	3
			2					1	1	0	3			0			0	3
			0			2	0	0	2	0	2	1	0	1			0	3
			0			1	0	0	1	0	1	1	0	1			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0					1	1	0	1	0	1	1			0	2
			0			2	0	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			1	0	0	1	0	1	1	0	1			0	2

Table 14I-1k (con'd): Avalon Caribou Herd group composition from classification surveys, June 1, 1969.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						0	0	0	1	1	2			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0						0	0	0	1	1	2			0	2
			0					1	1	0	1	0	1	1			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			1					1	1	0	2			0			0	2
			1					1	1	0	2			0			0	2
			1					1	1	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0					1	1	0	1	1	0	1			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			1						0	0	1	1	0	1			0	2
			1					1	1	0	2			0			0	2
			2						0	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			1						0	0	1	1	0	1			0	2
			1						0	0	1	1	0	1			0	2
			0					2	2	0	2			0			0	2
			2						0	0	2			0			0	2
			113			128	14	70	215	0	328	70	56	126			0	454

Table 14I-11: Avalon Caribou Herd group composition from classification surveys , May 18, 1979.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						9	0	9	3	1	4			0	13
			0						5	0	5	2	1	3			0	8
			1						3	0	4	1	3	4			0	8
			3						3	0	6	2	1	3			0	9
			2						0	0	2	4	2	6			0	8
			4						4	0	8	0	2	2			0	10
			2						3	0	5	1	1	2			0	7
			0						6	0	6			0			0	6
			0						5	0	5	0	1	1			0	6
			0						2	0	2	2	2	4			0	6
			0						1	0	1	3	3	6			0	7
			2						2	0	4	0	2	2			0	6
			2						2	0	4	0	2	2			0	6
			0						5	0	5			0			0	5
			0						5	0	5			0			0	5
			0						3	0	3	2	0	2			0	5
			0						5	0	5			0			0	5
			1						2	0	3	1	1	2			0	5
			0						3	0	3	0	2	2			0	5
			4						0	0	4	1	0	1			0	5
			0						5	0	5			0			0	5
			0						0	0	0	2	3	5			0	5
			3						0	0	3	2	0	2			0	5
			0						3	0	3	0	2	2			0	5
			0						3	0	3	0	2	2			0	5
			2						2	0	4	0	1	1			0	5
			0						5	0	5			0			0	5
			3						0	0	3	2	0	2			0	5
			0						3	0	3	1	1	2			0	5
			0						2	0	2	2	1	3			0	5
			3						0	0	3	1	0	1			0	4
			0						2	0	2	1	1	2			0	4
			4						0	0	4			0			0	4
			2						0	0	2	1	1	2			0	4
			0						2	0	2	1	1	2			0	4
			0						2	0	2	1	1	2			0	4
			0						4	0	4			0			0	4
			0						3	0	3	1	0	1			0	4
			0						2	0	2	2	0	2			0	4
			0						0	0	0	2	2	4			0	4
			0						4	0	4			0			0	4
			0						1	0	1	1	1	2			0	3
			0						3	0	3			0			0	3
			0						2	0	2	1	0	1			0	3
			0						2	0	2	1	0	1			0	3

Table 14I-11 (con'd): Avalon Caribou Herd group composition from classification surveys, May 18, 1979.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2	1	0	1			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			1						2	0	3			0			0	3
			0						3	0	3			0			0	3
			2						0	0	2	1	0	1			0	3
			2						0	0	2	1	0	1			0	3
			2						0	0	2	0	1	1			0	3
			3						0	0	3			0			0	3
			0						1	0	1	0	1	1			0	2
			0						2	0	2			0			0	2
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1	1	0	1			0	2
			0						2	0	2			0			0	2
			0						1	0	1	0	1	1			0	2
			0						2	0	2			0			0	2
			52						151	0	203	48	44	92			0	295

Table 14I-1m: Avalon Caribou Herd group composition from classification surveys, May 27, 1979.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			15	0	0	15	0	15			0			0	15
			1			0	6	0	6	0	7	0	1	1			0	8
			0			0	5	0	5	0	5	1	1	2			0	7
			0			0	6	0	6	0	6			0			0	6
			0			0	5	0	5	0	5			0			0	5
			0			1	4	0	5	0	5			0			0	5
			1			0	1	0	1	0	2	2	1	3			0	5
			1			0	2	0	2	0	3	1	1	2			0	5
			0			3	1	0	4	0	4	0	1	1			0	5
			1						0	0	1	1	3	4			0	5
			0			4	0	0	4	0	4			0			0	4
			0			3	1	0	4	0	4			0			0	4
			2			0	1	0	1	0	3	1	0	1			0	4
			4						0	0	4			0			0	4
			4						0	0	4			0			0	4
			1						0	0	1	1	2	3			0	4
			1			1	0	0	1	0	2	1	1	2			0	4
			0			1	1	0	2	0	2	1	1	2			0	4
			0			0	2	0	2	0	2	1	1	2			0	4
			0			0	2	0	2	0	2	0	1	1			0	3
			1			0	1	0	1	0	2	0	1	1			0	3
			0			1	1	0	2	0	2	0	1	1			0	3
			0			3	0	0	3	0	3			0			0	3
			3						0	0	3			0			0	3
			0			0	3	0	3	0	3			0			0	3
			0			0	2	0	2	0	2	1	0	1			0	3
			0			0	2	0	2	0	2	1	0	1			0	3
			0			1	1	0	2	0	2			0			0	2
			2						0	0	2			0			0	2
			0			1	1	0	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			0	2	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2

Table 14I-1m (con'd): Avalon Caribou Herd group composition from classification surveys, May 27, 1979.

Stags				**Does**						**Adults**		**Yearlings**			**Calves**			**Total Caribou**
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						0	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			27			44	61	0	105	0	132	13	18	31			0	163

Table 14I-1n: Avalon Caribou Herd group composition from classification surveys, November 13, 1970.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			4						11	0	15			0			1	16
			9						22	0	31			0			12	43
			4						12	0	16			0			8	24
			1						10	0	11			0			2	13
			1						6	0	7			0			3	10
			1						8	0	9			0			4	13
			3						9	0	12			0			0	12
			1						8	0	9			0			3	12
			1						7	0	8			0			2	10
			2						6	0	8			0			2	10
			2						7	0	9			0			1	10
			1						6	0	7			0			4	11
			0						7	0	7			0			2	9
			1						7	0	8			0			1	9
			2						5	0	7			0			2	9
			3						3	0	6			0			2	8
			1						6	0	7			0			1	8
			3						1	0	4			0			2	6
			0						5	0	5			0			1	6
			0						4	0	4			0			2	6
			0						5	0	5			0			1	6
			2						2	0	4			0			2	6
			0						4	0	4			0			2	6
			1						4	0	5			0			1	6
			1						4	0	5			0			1	6
			3						2	0	5			0			2	7
			2						3	0	5			0			2	7
			2						4	0	6			0			1	7
			1						5	0	6			0			1	7
			1						3	0	4			0			3	7
			1						3	0	4			0			3	7
			0						3	0	3			0			3	6
			1						2	0	3			0			2	5
			0						3	0	3			0			2	5
			2						2	0	4			0			1	5
			3						1	0	4			0			1	5
			0						3	0	3			0			2	5
			1						1	0	2			0			3	5
			1						2	0	3			0			2	5
			1						4	0	5			0			0	5
			0						3	0	3			0			2	5
			0						3	0	3			0			2	5
			2						3	0	5			0			0	5
			0						3	0	3			0			1	4
			2						2	0	4			0			0	4
			1						1	0	2			0			2	4
			0						2	0	2			0			2	4
			0						2	0	2			0			1	3
			1						2	0	3			0			0	3
			0						3	0	3			0			0	3

Table 14I-1n (con'd): Avalon Caribou Herd group composition from classification surveys, November 13, 1970.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2			0			1	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			1						2	0	3			0			0	3
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			73						247	0	320			0			105	425

Table 14I-1o: Avalon Caribou Herd group composition from classification surveys, December 5, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						8	0	10			0	3	8	11	21
			5						9	0	14			0	2	0	2	16
			2						12	0	14			0	4	4	8	22
			1						9	0	10			0	0	6	6	16
			3						14	0	17			0	7	5	12	29
			3						9	0	12			0	2	4	6	18
			1						8	0	9			0	2	7	9	18
			1						9	0	10			0	3	7	10	20
			1						11	0	12			0	1	7	8	20
			4						11	0	15			0	4	5	9	24
			7						12	0	19			0	2	3	5	24
			3						15	0	18			0	3	5	8	26
			4						10	0	14			0	1	3	5	19
			1						8	0	9			0	4	3	7	16
			1						6	0	7			0	0	3	3	10
			0						8	0	8			0	2	5	7	15
			1						8	0	9			0	2	4	6	15
			0						9	0	9			0	1	5	6	15
			1						5	0	6			0	1	8	9	15
			0						6	0	6			0	2	2	4	10
			0						5	0	5			0	1	4	5	10
			1						9	0	10			0	2	2	4	14
			3						6	0	9			0	2	3	5	14
			5						6	0	11			0	2	2	4	15
			1						5	0	6			0	1	3	4	10
			0						9	0	9			0	1	1	2	11
			0						7	0	7			0	2	2	4	11
			2						7	0	9			0	1	1	2	11
			0						7	0	7			0	1	3	4	11
			3						5	0	8			0	1	2	3	11
			1						6	0	7			0	1	5	6	13
			0						8	0	8			0	1	4	5	13
			6						2	0	8			0	2	3	5	13
			0						7	0	7			0	1	4	5	12
			3						7	0	10			0	2	0	2	12
			0						7	0	7			0	0	5	5	12
			0						4	0	4			0	2	3	5	9
			1						4	0	5			0	0	3	3	8
			0						3	0	3			0	2	3	5	8
			1						4	0	5			0	0	3	3	8
			1						3	0	4			0	1	3	4	8
			0						5	0	5			0	0	3	3	8
			1						2	0	3			0	1	3	5	8
			0						3	0	3			0	3	2	5	8
			0						3	0	3			0	2	3	5	8
			2						4	0	6			0	1	2	3	9
			1						5	0	6			0	1	2	3	9
			2						2	0	4			0	3	2	5	9
			1						4	0	5			0	1	3	4	9
			0						4	0	4			0	0	3	3	7

Table 14I-1o (con'd): Avalon Caribou Herd group composition from classification surveys, December 5, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						3	0	4			0	2	1	3	7
			1						3	0	4			0	2	1	3	7
			0						3	0	3			0	2	2	4	7
			0						5	0	5			0	0	2	2	7
			0						4	0	4			0	1	2	3	7
			0						3	0	3			0	2	2	4	7
			0						4	0	4			0	2	1	3	7
			0						4	0	4			0	0	3	3	7
			0						4	0	4			0	0	3	3	7
			1						3	0	4			0	0	1	2	6
			0						4	0	4			0	0	1	2	6
			0						3	0	3			0	1	2	4	7
			3						3	0	6			0	0	1	1	7
			2						2	0	4			0	1	1	2	6
			2						3	0	5			0	1	1	2	7
			0						3	0	3			0	1	2	3	6
			0						2	0	2			0	1	3	4	6
			0						2	0	2			0	2	2	4	6
			0						3	0	3			0	1	2	3	6
			0						3	0	3			0	1	2	3	6
			1						1	0	2			0	1	3	4	6
			0						2	0	2			0	2	2	4	6
			0						3	0	3			0	1	2	3	6
			2						1	0	3			0	0	2	2	5
			0						4	0	4			0	1	0	1	5
			1						2	0	3			0	1	1	2	5
			0						2	0	2			0	0	3	3	5
			1						3	0	4			0			1	5
			1						2	0	3			0	1	1	2	5
			0						4	0	4			0	0	1	1	5
			0						2	0	2			0	1	1	2	4
			0						2	0	2			0	1	1	2	4
			0						2	0	2			0	1	1	2	4
			0						1	0	1			1	2	0	2	4
			0						3	0	3			0	0	1	1	4
			0						2	0	2			0	0	2	2	4
			0						3	0	3			0	0	1	1	4
			0						3	0	3			0	1	0	1	4
			0						2	0	2			0	0	1	1	3
			0						1	0	1			0	0	2	2	3
			0						1	0	1			0	0	2	2	3
			0						1	0	1			0	1	1	2	3
			0						1	0	1			0	1	1	2	3
			0						2	0	2			0	0	1	1	3
			0						0	0	0			0	2	1	3	3
			0						2	0	2			0	0	1	1	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2

Table 14I-1o (con'd): Avalon Caribou Herd group composition from classification surveys, December 5, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			2						0	0	2			0			0	2
			94						468	0	562			1	123	245	374	937

Table 14I-1p: Avalon Caribou Herd group composition from classification surveys, October 19, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
1			1						6	0	7			0	0	0	1	8
1	1		2						5	0	7			0	1	0	1	8
1	1		2						3	0	5			0	1	1	2	7
1	1		2						3	0	5			0	1	1	2	7
1		1	2						3	0	5			0	1	0	1	6
1			1						3	0	4			0	0	1	1	5
	1		1						2	0	3			0	0	1	1	4
	1		1						1	0	2			0	0	1	1	3
	1		1						1	0	2			0	1	0	1	3
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
	1		1						1	0	2			0			0	2
7	8	3	18						34	1	53			0	6	8	15	68

Table 14I-2a: Brunette Island Caribou Herd group composition from classification surveys, October 19, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0	0	1				1	0	1			0			0	1
			0						0	1	1			0			0	1
			0	0	1				1	0	1			0			0	1
		1	1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1	1		2	2	3				5	0	7			0	1	0	1	8
1			1	1	5				6	0	7			0	1	0	1	8
1		1	2	0	3				3	0	5			0	1	0	1	6
1	1		2	1	2				3	0	5			0	1	1	2	7
			2						3	0	5			0			2	7
1			1	0	3				3	0	4			0	1	0	1	5
	1		1	0	2				2	0	3			0	0	1	1	4
	1		1	0	1				1	0	2			0	0	1	1	3
	1		1	0	1				1	0	2			0	1	0	1	3
			0	0	1				1	0	1			0	0	1	1	2
			0	1	0				1	0	1			0	0	1	1	2
			0	0	1				1	0	1			0	0	1	1	2
			0	0	1				1	0	1			0	0	1	1	2
			0	0	1				1	0	1			0	0	1	1	2
6	6	3	17	5	26				34	1	52			0	6	8	16	68

Table 14I-3a: Buchans Caribou Herd group composition from classification surveys, October 9, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			4						9	0	13			0			3	16
			3						12	0	15			0			1	16
			6						18	0	24			0			2	26
			1						6	0	7			0			4	11
			2						5	0	7			0			4	11
			1						8	0	9			0			5	14
			3						8	0	11			0			2	13
			2						6	0	8			0			3	11
			3						6	0	9			0			3	12
			2						8	0	10			0			2	12
			2						5	0	7			0			2	9
			3						3	0	6			0			3	9
			2						4	0	6			0			2	8
			3						3	0	6			0			3	9
			1						5	0	6			0			3	9
			0						5	0	5			0			2	7
			1						3	0	4			0			3	7
			2						2	0	4			0			3	7
			1						4	0	5			0			2	7
			1						4	0	5			0			2	7
			1						3	0	4			0			1	5
			1						2	0	3			0			2	5
			1						3	0	4			0			1	5
			1						2	0	3			0			2	5
			1						2	0	3			0			1	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			1						2	0	3			0			1	4
			1						2	0	3			0			1	4
			1						2	0	3			0			1	4
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			0						2	0	2			0			1	3
			1						1	0	2			0			1	3
			0						2	0	2			0			1	3
			0						1	0	1			0			1	2
			1						1	0	2			0			0	2
			56						155	0	211			0			74	285

Table 14I-3b: Buchans Caribou Herd group composition from classification surveys, June 9, 1970.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						40	0	41			5			24	70
			0						47	0	47			8			32	87
			1						28	0	29			5			17	51
			0						47	0	47			6			30	83
			3						13	0	16			8			1	25
			1						57	0	58			1			47	106
			6						16	0	22			7			6	35
			1						26	0	27			4			12	43
			13						274	0	287			44			169	500

Table 14I-4a: Cape Shore Caribou Herd group composition from classification surveys, October 20, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			2						13	0	15			0	1	3	4	19
			1						7	0	8			0	2	1	3	11
			5						8	0	13			0	2	0	1	14
			1						8	0	9			0	0	1	1	10
			3						5	0	8			0	3	1	2	10
			3						6	0	9			0	0	1	1	10
			4						3	0	7			0	1	1	1	8
			2						4	0	6			0	2	0	2	8
			2						5	0	7			0	1	2	1	8
			3						3	0	6			0	1	1	2	8
			1						5	0	6			0			2	8
			1						4	0	5			0	1	2	1	6
			3						2	0	5			0	0	1	1	6
			3						4	0	7			0	1	1	0	7
			2						3	0	5			0	0	2	2	7
			4						1	0	5			0			1	6
			1						4	0	5			0	0	1	1	6
			2						3	0	5			0	3	0	1	6
			2						2	0	4			0	0	2	1	5
			2						2	0	4			0	0	1	1	5
			2						2	0	4			0	0	1	0	4
			2						2	0	4			0	0	2	0	4
			0						3	0	3			0	1	0	1	4
			0						4	0	4			0	1	1	0	4
			1						3	0	4			0			0	4
			2						2	0	4			0	1	1	0	4
			1						2	0	3			0	1	1	0	3
			1						0	0	1			0			2	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			2						0	0	2			0			1	3
			1						0	0	1			0	1	0	1	2
			63						112	0	175			0	23	29	36	211

Table 14I-4b: Cape Shore Caribou Herd group composition from classification surveys, October 5, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			0			1	1
			0						0	0	0			0	1	0	1	1
			1						0	0	1			0	1	0	0	1
			9						15	0	24			0			1	25
			6						9	0	15			0	0	1	1	16
			4						6	0	10			0	1	0	6	16
			3						6	0	9			0			3	12
			4						5	0	9			0	0	1	3	12
			3						5	0	8			0	1	2	5	13
			3						10	0	13			0			2	15
			4						8	0	12			0	1	1	3	15
			1						9	0	10			0			1	11
			1						5	0	6			0	0	1	3	9
			3						5	0	8			0	0	1	1	9
			3						3	0	6			0			3	9
			2						5	0	7			0	0	3	2	9
			1						8	0	9			0	1	1	1	10
			5						4	0	9			0	1	0	1	10
			0						5	0	5			0			2	7
			3						3	0	6			0			0	6
			2						4	0	6			0			0	6
			4						2	0	6			0			0	6
			4						1	0	5			0			1	6
			2						3	0	5			0	0	1	2	7
			2						2	0	4			0	2	0	1	5
			0						3	0	3			0	1	0	2	5
			1						2	0	3			0	0	2	1	4
			1						2	0	3			0	1	0	1	4
			0						2	0	2			0	0	1	0	2
			1						3	0	4			0	0	1	0	4
			0						3	0	3			0			1	4
			3						1	0	4			0	0	1	0	4
			2						1	0	3			0	0	1	1	4
			1						2	0	3			0	1	0	1	4
			2						1	0	3			0	1	0	1	4
			1						1	0	2			0			1	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			1						2	0	3			0			0	3
			1						2	0	3			0	0	1	0	3
			1						1	0	2			0			1	3

Table 14I-4b (con'd): Cape Shore Caribou Herd group composition from classification surveys, October 5, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2			0			1	3
			1						2	0	3			0	0	1	0	3
			1						1	0	2			0	1	0	0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			2						0	0	2			0			0	2
			1						1	0	2			0			0	2
			97						165	0	262			0	16	20	61	323

Table 14I-4c: Cape Shore Caribou Herd group composition from classification surveys, April 26, 1996.

Stags				**Does**						**Adults**		**Yearlings**			**Calves**			**Total Caribou**
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			1			1	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			1			1	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			1			1	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			1			1	1
			0						0	0	0			1			1	1
			0						11	0	11			1			1	12
			0						7	0	7			1			1	8
			3						5	0	8			1			1	9
			2						7	0	9			1			1	10
			6						0	0	6			2			2	8
			1						3	0	4			4			4	8
			0						6	0	6			2			2	8
			4						1	0	5			2			2	7
			2						4	0	6			1			1	7
			4						1	0	5			1			1	6

Table 14I-4c (con'd): Cape Shore Caribou Herd group composition from classification surveys, April 26, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						6	0	6			1			1	7
			2						4	0	6			0			0	6
			2						1	0	3			2			2	5
			2						2	0	4			1			1	5
			3						2	0	5			0			0	5
			1						3	0	4			1			1	5
			0						0	0	0			4			4	4
			0						3	0	3			1			1	4
			4						0	0	4			0			0	4
			0						4	0	4			0			0	4
			0						3	0	3			1			1	4
			0						4	0	4			0			0	4
			4						0	0	4			0			0	4
			2						1	0	3			1			1	4
			2						2	0	4			0			0	4
			4						0	0	4			0			0	4
			4						0	0	4			0			0	4
			4						0	0	4			0			0	4
			2						1	0	3			1			1	4
			1						3	0	4			0			0	4
			3						0	0	3			0			0	3
			0						2	0	2			1			1	3
			0						2	0	2			1			1	3
			3						0	0	3			0			0	3
			2						1	0	3			0			0	3
			2						1	0	3			0			0	3
			3						0	0	3			0			0	3
			0						2	0	2			1			1	3
			3						0	0	3			0			0	3
			2						0	0	2			1			1	3
			1						0	0	1			2			2	3
			0						2	0	2			1			1	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						2	0	2			1			1	3
			1						1	0	2			0			0	2
			1						0	0	1			1			1	2
			0						1	0	1			1			1	2
			0						1	0	1			1			1	2
			0						2	0	2			0			0	2
			0						1	0	1			1			1	2
			0						1	0	1			1			1	2
			0						2	0	2			0			0	2
			1						0	0	1			1			1	2
			0						2	0	2			0			0	2
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1			1			1	2
			104						135	0	239			49			49	288

Table 14I-4d: Cape Shore Caribou Herd group composition from classification surveys, October 12, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
2		2	4						13	0	17			0	1	1	2	19
3	2	4	9						6	0	15			0	0	4	4	19
2		1	3						11	0	14			0	3	5	8	22
3	1		4						8	0	12			0	4	2	6	18
2	1	5	8						12	0	20			0	3	0	3	23
3		1	4						11	0	15			0	4	4	8	23
2	2	2	6						11	0	17			0	4	1	5	22
1	2	3	6						14	0	20			0	3	3	6	26
2	1		3						6	0	9			0	3	1	4	13
1	2	1	4						4	0	8			0	3	1	4	12
		1	1						9	0	10			0	5	0	5	15
1	1	1	3						4	0	7			0	2	2	4	11
	1	1	2						9	0	11			0	1	3	4	15
1			1						6	0	7			0	2	2	4	11
1	1	2	4						6	0	10			0	1	3	4	14
1	1	2	4						4	0	8			0	0	2	2	10
	1		1						5	0	6			0	2	0	2	8
1	1	1	3						4	0	7			0	1	1	2	9
1	2		3						2	0	5			0	1	1	2	7
1		1	2						4	0	6			0	1	0	1	7
	1	1	2						4	0	6			0	0	1	1	7
	1	2	3						3	0	6			0	0	1	1	7
1		1	2						2	0	4			0	1	0	1	5
	1		1						2	0	3			0	1	1	2	5
	1		1						3	0	4			0	1	0	1	5
1			1						2	0	3			0	1	0	1	4
2			2						1	0	3			0	0	1	1	4
1			1						2	0	3			0			0	3
			0						2	0	2			0	0	1	1	3
1		1	2						1	0	3			0			0	3
1			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
41	23	34	98						174	0	272			0	49	41	90	362

Table 14I-4e: Cape Shore Caribou Herd group composition from classification surveys, October 7, 1997.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						0	0	1			0			0	1
1	2	2	5	0	6				6	0	11			0			5	16
1		1	2	0	10				10	0	12			0			7	19
1			1	0	10				10	0	11			0			7	18
1		2	3	0	9				9	0	12			0			6	18
2	1	7	10	0	12				12	0	22			0	1	0	3	25
2	2	1	5	0	5				5	0	10			0			3	13
1		1	2	0	5				5	0	7			0			4	11
	2	1	3	0	6				6	0	9			0	1	0	2	11
2			2	0	5				5	0	7			0			5	12
1	1		2	0	8				8	0	10			0			2	12
1	1	1	3	0	8				8	0	11			0			2	13
2		1	3	0	9				9	0	12			0			3	15
1	1	4	6	0	5				5	0	11			0			2	13
	2	3	5	0	6				6	0	11			0			2	13
		1	1	0	7				7	0	8			0			5	13
3			3	0	7				7	0	10			0			4	14
		2	2	0	4				4	0	6			0			3	9
1			1	0	4				4	0	5			0			3	8
1		1	2	0	4				4	0	6			0	1	0	4	10
	1	2	3	0	4				4	0	7			0			1	8
2	1	2	5	0	2				2	0	7			0			1	8
	1		1	0	4				4	0	5			0			3	8
		1	1	0	4				4	0	5			0			4	9
1	2	1	4	0	3				3	0	7			0			0	7
			0	0	5				5	0	5			0			2	7
			0	0	3				3	0	3			0			3	6
	1		1	0	3				3	0	4			0			3	7
		1	1	0	3				3	0	4			0			2	6
1	1	2	4	0	2				2	0	6			0			1	7
1	1		2	0	3				3	0	5			0			1	6
1		1	2	0	3				3	0	5			0			2	7
1			1	0	4				4	0	5			0			2	7
	1	5	6	0	1				1	0	7			0			0	7
1	1		2	0	2				2	0	4			0			2	6
	1		1	0	3				3	0	4			0			2	6
1	1	2	4	0	3				3	0	7			0			0	7
	1		1	0	2				2	0	3			0			2	5
		1	1	0	2				2	0	3			0			2	5
1			1	0	3				3	0	4			0			1	5
2			2	0	2				2	0	4			0			1	5
2			2	0	3				3	0	5			0			0	5
			0	0	3				3	0	3			0			2	5
		1	1	0	2				2	0	3			0			1	4
	1		1	0	2				2	0	3			0			1	4
			0	0	2				2	0	2			0			2	4
		1	1	0	1				1	0	2			0			1	3
	1		1	0	1				1	0	2			0			1	3
		1	1	0	1				1	0	2			0			1	3
		1	1	0	1				1	0	2			0			1	3
	1		1	0	1				1	0	2			0			1	3

Table 14I-4e (con'd): Cape Shore Caribou Herd group composition from classification surveys, October 7, 1997.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0	0	1				1	0	1			0			2	3
		1	1	0	1				1	0	2			0			1	3
	1		1	0	1				1	0	2			0			1	3
1		2	3						0	0	3			0			0	3
		2	2						0	0	2			0			0	2
		2	2						0	0	2			0			0	2
	1		1	0	1				1	0	2			0			0	2
		2	2						0	0	2			0			0	2
1			1	0	1				1	0	2			0			0	2
1			1	0	1				1	0	2			0			0	2
1			1	0	1				1	0	2			0			0	2
		2	2						0	0	2			0			0	2
		1	1	0	1				1	0	2			0			0	2
40	30	62	132	0	216				216	0	348			0	3	0	122	470

Table 14I-5a: Fogo Island Caribou Herd group composition from classification surveys, January 4, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			1						8	0	9			7	2	5	7	16
			2						11	0	13			6	2	4	6	19
			5						9	0	14			10	4	6	10	24
			2						11	0	13			11	2	9	11	24
			1						13	0	14			9	5	4	9	23
			2						5	0	7			7	0	7	7	14
			3						4	0	7			6	2	4	6	13
			1						4	0	5			6	5	1	6	11
			1						3	0	4			6	3	3	6	10
			0						7	0	7			2	0	2	2	9
			0						5	0	5			3	2	1	3	8
			3						0	0	3			4	1	3	4	7
			0						2	0	2			2	1	1	2	4
			3						0	0	3			0			0	3
			0						1	0	1			1	0	1	1	2
			25						83	0	108			80	29	51	80	188

Table 14I-6a: Gaff Topsails Caribou Herd group composition from classification surveys, December 3, 1982.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
2	2	1	5						10	0	15			0	2	8	10	25
		1	1						5	0	6			0	1	2	3	9
			0						7	0	7			0	0	1	1	8
	1	1	2						6	0	8			0	2	0	2	10
1	2	1	4						0	0	4			0	1	0	1	5
			0						2	0	2			0	0	2	2	4
	1		1						1	0	2			0	2	0	2	4
			0						2	0	2			0	0	1	1	3
1	2		3						0	0	3			0			0	3
4	8	4	16						33	0	49			0	8	14	22	71

Table 14I-6b: Gaff Topsails Caribou Herd group composition from classification surveys, October 12, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			3						10	0	13			0	2	1	3	16
			5						19	0	24			0	9	1	10	34
			3						9	0	12			0	3	2	5	17
			13						19	0	32			0	3	1	4	36
			12						21	0	33			0			0	33
			8						17	0	25			0	6	1	8	33
			4						20	0	24			0	3	2	5	29
			3						12	0	15			0	2	3	5	20
			2						4	0	6			0	5	1	6	12
			4						7	0	11			0	1	0	1	12
			4						6	0	10			0	2	0	2	12
			3						7	0	10			0	1	0	1	11
			2						9	0	11			0			0	11
			1						6	0	7			0	2	1	4	11
			4						4	0	8			0	2	1	3	11
			4						5	0	9			0	0	2	2	11
			2						6	0	8			0	4	0	4	12
			3						8	0	11			0	2	1	3	14
			4						7	0	11			0	0	2	2	13
			4						7	0	11			0	2	1	3	14
			2						5	0	7			0	1	1	2	9
			3						4	0	7			0	1	1	2	9
			2						6	0	8			0			2	10
			3						2	0	5			0	0	1	3	8
			1						4	0	5			0	3		4	9
			1						6	0	7			0	0		3	10
			6						2	0	8			0	2		0	8
			2						3	0	5			0			2	7
			3						4	0	7			0			0	7
			2						2	0	4			0	2		1	5
			0						3	0	3			0	1		2	5
			2						2	0	4			0			1	5
			3						2	0	5			0	2		0	5
			1						2	0	3			0			2	5
			2						4	0	6			0	1		0	6
			2						1	1	4			0			1	5
			3						3	0	6			0	0		0	6
			1						2	0	3			0	2		3	6

Table 14I-6b (con'd): Gaff Topsails Caribou Herd group composition from classification surveys, October 12, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						3	0	4			0	1		2	6
			0						3	0	3			0	1		1	4
			1						2	0	3			0	1		1	4
			1						1	0	2			0			1	3
			3						0	0	3			0	1		0	3
			2						0	0	2			0			1	3
			2						1	0	3			0	0		0	3
			1						1	0	2			0	1		1	3
			0						2	0	2			0	1		1	3
			1						1	0	2			0			1	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			152						287	1	440			0	72	23	110	550

Table 14I-6c: Gaff Topsails Caribou Herd group composition from classification surveys, October 12, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			4						12	0	16			0	0	3	3	19
			2						16	0	18			0	2	0	2	20
			2						13	0	15			0	2	2	4	19
			4						17	0	21			0			0	21
			5						18	0	23			0	2	2	4	27
			1						13	0	14			0	2	2	4	18
			4						18	0	22			0	0	1	1	23
			4						17	0	21			0	1	2	3	24
			1						7	0	8			0	2	1	3	11
			1						7	0	8			0	1	2	3	11
			4						10	0	14			0			0	14
			1						7	0	8			0	2	3	5	13
			2						11	0	13			0	1	1	2	15
			1						9	0	10			0	1	2	3	13
			4						7	0	11			0	2	1	3	14
			1						6	0	7			0	0	1	1	8
			1						6	0	7			0	1	0	1	8
			4						3	0	7			0	0	1	1	8
			1						6	0	7			0	0	1	1	8
			1						5	0	6			0	1	1	2	8
			1						5	0	6			0	1	0	1	7
			1						4	0	5			0	2	0	2	7
			2						4	0	6			0	0	1	1	7
			0						5	0	5			0	1	1	2	7
			1						3	0	4			0	1	0	1	5
			2						2	0	4			0	0	1	1	5
			2						4	0	6			0			0	6
			5						1	0	6			0			0	6
			2						2	0	4			0	1	0	1	5
			1						4	0	5			0	0	1	1	6
			1						4	0	5			0	0	1	1	6
			1						3	0	4			0	1	0	1	5
			1						4	0	5			0			0	5
			2						2	0	4			0	1	0	1	5
			1						3	0	4			0			0	4
			1						2	0	3			0	1	0	1	4
			1						2	0	3			0	1	0	1	4

Table 14I-6c (con'd): Gaff Topsails Caribou Herd group composition from classification surveys, October 12, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						1	0	3			0	0	1	1	4
			0						2	0	2			0	0	2	2	4
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			2						1	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			93						299	0	392			0	35	42	77	469

Table 14I-6d: Gaff Topsails Caribou Herd group composition from classification surveys, June 20, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						0	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			2	0	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			0			0	1	0	1	0	1	1	0	1			0	2
			0			1	0	0	1	0	1	0	1	1			0	2
			1			0	1	0	1	0	2			0			0	2
			1					1	1	0	2			0			0	2
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1			13	0	2	15	0	16	1	2	3			0	19
			6			2	2	10	14	0	20	3	4	8			0	28
			1			5	4	3	12	0	13	3	1	4			0	17
			4			34	0	5	39	0	43	3	2	5			0	48
			0			24	1	4	29	0	29	3	5	8			0	37
			4			6	1	9	16	0	20	0	2	2			0	22
			2			1	0	10	11	0	13	0	1	1			0	14
			4			1	2	2	5	0	9	0	3	3			0	12
			0			6	1	1	8	0	8	1	4	5			0	13
			4					5	5	0	9	0	2	2			0	11
			2			5	1	4	10	0	12	0	1	1			0	13
			4			1	0	1	2	0	6	1	1	2			0	8
			6					2	2	0	8			0			0	8
			6					2	2	0	8	0	1	1			0	9
			8					1	1	0	9			0			0	9
			0			10	0	0	10	0	10			0			0	10
			5					4	4	0	9	1	0	1			0	10
			2			0	3	3	6	0	8	2	0	2			0	10
			2			0	2	2	4	0	6	1	0	1			0	7
			1			4	0	1	5	0	6	0	1	1			0	7
			5					1	1	0	6			0			0	6
			6						0	0	6			0			0	6
			0			2	0	3	5	0	5	1	0	1			0	6
			3					1	1	0	4	0	1	1			0	5
			4					1	1	0	5			0			0	5
			2					1	1	0	3	1	1	2			0	5
			0			3	0	0	3	0	3	1	0	1			0	4
			1			2	0	1	3	0	4			0			0	4
			0			4	0	0	4	0	4			0			0	4
			4						0	0	4			0			0	4
			0					1	1	0	1	1	1	2			0	3

Table 14I-6d (con'd): Gaff Topsails Caribou Herd group composition from classification surveys, June 20, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1					2	2	0	3			0			0	3
			2						0	0	2	1	0	1			0	3
			2					1	1	0	3			0			0	3
			0					1	1	0	1	2	0	2			0	3
			3						0	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			3						0	0	3			0			0	3
			3						0	0	3			0			0	3
			110			132	23	88	243	0	353	27	36	64			0	417

Table 14I-6e: Gaff Topsails Caribou Herd group composition from classification surveys, October 1, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
	1		1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
2			2						0	0	2			0			0	2
	1	1	2						0	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
1			1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
1			1						0	0	1			0			0	1
1	3	3	7						9	0	16			0	1	2	3	19
	1		1						8	0	9			0	1	3	4	13
1		1	2						11	0	13			0	1	0	1	14
1	2		3						6	0	9			0	1	1	2	11
1		2	3						4	0	7			0	2	1	3	10
1	1		2						7	0	9			0	1	0	1	10
2		1	3						4	0	7			0	0	1	1	8
1	1	3	5						3	0	8			0	0	1	1	9
1		1	2						4	0	6			0	1	0	1	7
1	1		2						5	0	7			0			0	7
		3	3						2	0	5			0	0	2	2	7
		2	2						3	0	5			0	0	1	1	6
	1	1	2						3	0	5			0	0	1	1	6
1		1	2						2	0	4			0	1	0	1	5
2			2						3	0	5			0			0	5

Table 14I-6e (con'd): Gaff Topsails Caribou Herd group composition from classification surveys, October 1, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
2			2						2	0	4			0	1	0	1	5
		2	2						2	0	4			0	0	1	1	5
1	1	1	3						2	0	5			0	1	0	1	6
1			1						3	0	4			0	1	1	2	6
1			1						4	0	5			0	0	1	1	6
1	1		2						3	0	5			0	1	0	1	6
		1	1						2	0	3			0	0	2	2	5
		1	1						2	0	3			0	1	1	2	5
1			1						2	0	3			0	0	2	2	5
1			1						2	0	3			0	2	0	2	5
2			2						2	0	4			0	1	1	2	6
		1	1						2	0	3			0	0	1	1	4
		1	1						2	0	3			0	0	1	1	4
1			1						3	0	4			0			0	4
		1	1						3	0	4			0			0	4
			0						2	0	2			0	1	1	2	4
1			1						2	0	3			0	1	0	1	4
			0						2	0	2			0	0	2	2	4
1			1						3	0	4			0			0	4
	1		1						2	0	3			0	1	0	1	4
			0						2	0	2			0	1	1	2	4
1			1						2	0	3			0	0	1	1	4
1		1	2						2	0	4			0			0	4
1			1						2	0	3			0	0	1	1	4
1		1	2						1	0	3			0	1	0	1	4
		1	1						2	0	3			0			0	3
			0						2	0	2			0	1	0	1	3
		2	2						1	0	3			0			0	3
			0						2	0	2			0	0	1	1	3
1			1						2	0	3			0			0	3
1			1						2	0	3			0			0	3
	1		1						1	0	2			0	1	0	1	3
1			1						1	0	2			0	0	1	1	3
1			1						1	0	2			0	1	0	1	3
		1	1						2	0	3			0			0	3
		1	1						1	0	2			0	0	1	1	3
			0						2	0	2			0	0	1	1	3
	1		1						1	0	2			0	0	1	1	3
		1	1						1	0	2			0	0	1	1	3
			0						2	0	2			0	1	0	1	3
	1		1						1	0	2			0	0	1	1	0
40	26	36	102						178	0	280			0	29	42	71	348

Table 14I-7a: Grey Islands Caribou Herd group composition from classification surveys, April 1, 1993.

Stags				**Does**						**Adults**		**Yearlings**			**Calves**			**Total Caribou**
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						0	0	0			1	0	1	1	1
			0						1	0	1			0			0	1
			0						0	0	0			1	0	1	1	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
	5		5						13	0	18			6	2	4	6	24
			0						4	0	4			7	2	5	7	11
	3		3						3	0	6			2	0	2	2	8
			0						5	0	5			5	1	4	5	10
	1		1						4	1	6			3	0	3	3	9
			0						4	0	4			3	1	2	3	7
			0						4	0	4			2	1	1	2	6
	1		1						3	0	4			3	1	2	3	7
			0						3	0	3			2	1	1	2	5
			0						3	0	3			1	0	1	1	4
			0						2	0	2			2	1	1	2	4
			0						3	0	3			1	0	1	1	4
			0						2	0	2			2	0	2	2	4
			0						1	0	1			2	0	1	2	3
			0						2	0	2			1	0	1	1	3
			0						1	0	1			2	0	2	2	3
			0						1	0	1			2	0	2	2	3
			0						2	0	2			1	1	0	1	3
			0						1	0	1			2	0	2	2	3
			0						1	0	1			2	1	1	2	3
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	1	0	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	0	1	2
	10		10						79	2	91			64	13	49	64	155

Table 14I-7b: Grey Islands Caribou Herd group composition from classification surveys, November 5, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
	5		5	2	11				13	0	18			0			6	24
	1		1	1	3				4	1	6			0			3	9
0	3	0	3	1	2				3	0	6			0			2	8
	1		1	2	1				3	0	4			0			3	7
			0	0	2				2	0	2			0			1	3
			0	1	0				1	0	1			0			1	2
0	10	0	10	7	19				26	1	37			0			16	53

Table 14I-8a: Grey River Caribou Herd group composition from classification surveys, June 19, 1966.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						21	0	22			1			6	29
			23						12	0	35			4			7	46
			2						19	0	21			2			10	33
			1						22	0	23			0			10	33
			2						21	0	23			3			12	38
			1						20	0	21			4			6	31
			6						13	0	19			1			7	27
			0						11	0	11			1			5	17
			1						45	0	46			4			30	80
			0						20	0	20			1			10	31
			5						4	0	9			1			1	11
			0						9	0	9			0			4	13
			2						9	0	11			1			3	15
			8						4	0	12			1			2	15
			3						6	0	9			1			1	11
			0						6	0	6			1			5	12
			0						5	0	5			0			3	8
			3						4	0	7			0			3	10
			1						5	0	6			1			1	8
			0						5	0	5			0			5	10
			0						7	0	7			1			2	10
			0						4	0	4			1			2	7
			3						3	0	6			0			1	7
			0						7	0	7			0			0	7
			0						3	0	3			1			3	7
			0						3	0	3			1			3	7
			2						2	0	4			0			1	5
			0						3	0	3			0			3	6
			0						4	0	4			0			2	6
			0						4	0	4			1			1	6
			1						2	0	3			2			1	6
			2						2	0	4			0			0	4
			0						2	0	2			0			2	4
			0						2	0	2			0			2	4
			0						1	0	1			1			1	3
			3						0	0	3			0			0	3
			0						2	0	2			0			1	3
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			1						0	0	1			1			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			71						321	0	392			36			161	589

Table 14I-8b: Grey River Caribou Herd group composition from classification surveys, June 28, and October 13, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			1	2
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			4						11	0	15			0			2	17
			2						11	0	13			0			5	18
			4						13	0	17			0			4	21
			9						22	0	31			0			6	37
			2						9	0	11			0			2	13
			2						8	0	10			0			2	12
			3						6	0	9			0			2	11
			2						5	0	7			0			1	8
			1						5	0	6			0			2	8
			1						5	0	6			0			3	9
			2						3	0	5			0			2	7
			1						3	0	4			0			2	6
			1						3	0	4			0			1	5
			1						3	0	4			0			2	6
			2						2	0	4			0			1	5
			3						1	0	4			0			1	5
			2						1	0	3			0			1	4
			2						1	0	3			0			1	4
			2						1	0	3			0			1	4
			1						2	0	3			0			1	4
			1						2	0	3			0			1	4
			1						2	0	3			0			1	4
			1						3	0	4			0			0	4
			1						2	0	3			0			1	4
			2						2	0	4			0			0	4
			1						3	0	4			0			0	4
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			1						2	0	3			0			0	3
			1						1	0	2			0			1	3
			0						2	0	2			0			1	3
			1						1	0	2			0			0	2
			0						1	0	1			0			1	2
			2						0	0	2			0			0	2
			0						1	0	1			0			1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			0						1	0	1			0			1	2
			1						1	0	2			0			0	2
			0						1	0	1			0			1	2
			66						147	0	213			0			54	267

Table 14I-8c: Grey River Caribou Herd group composition from classification surveys, June 20, 1968.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			4						10	0	14			2			5	21
			0						15	0	15			1			9	25
			0						13	0	13			2			8	23
			0						9	0	9			3			6	18
			2						12	0	14			0			10	24
			0						17	0	17			6			7	30
			3						65	0	68			4			42	114
			2						14	0	16			0			6	22
			0						8	0	8			0			3	11
			0						8	0	8			0			3	11
			1						9	0	10			1			0	11
			1						5	0	6			1			3	10
			1						6	0	7			0			3	10
			0						3	0	3			3			2	8
			0						6	0	6			0			4	10
			0						6	0	6			0			3	9
			0						3	0	3			5			2	10
			0						3	0	3			2			1	6
			0						2	0	2			3			1	6
			0						3	0	3			0			0	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			0						2	0	2			0			0	2
			14						224	0	238			33			120	391

Table 14I-8d: Grey River Caribou Herd group composition from classification surveys, June 12, 1970.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						46	0	46			3			39	88
			1						35	0	36			5			21	62
			3						14	0	17			8			7	32
			0						59	0	59			3			50	112
			1						59	0	60			3			41	104
			0						57	0	57			4			43	104
			5						270	0	275			26			201	502

Table 14I-8e: Grey River Caribou Herd group composition from classification surveys, March 30, 1979.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			53						78	0	131	26	16	42			0	173
			6						8	0	14	6	7	13			0	27
			13						10	0	23	2		2			0	25
			27						37	0	64	6	5	11			0	75
			11						9	0	20	5	4	9			0	29
			25						38	0	63	12	8	20			0	83
			13						1	0	14	2	3	5			0	19
			6						23	0	29	4	7	11			0	40
			30						12	0	42	3	5	8			0	50
			5						3	0	8	2	2	4			0	12
			189						219	0	408	68	57	125			0	533

Table 14I-8f: Grey River Caribou Herd group composition from classification surveys, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			2						0	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			0	1	0	1	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			0	0	1	1	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			0	0	1	1	1
			0						1	0	1			0			0	1

Table 14I-8f (con'd): Grey River Caribou Herd group composition from classification surveys, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			4						4	0	8	2	0	2	0	1	1	11
			4						6	0	10			0	0	1	1	11
			1						8	0	9			0	1	1	2	11
			3						6	0	9			0	0	3	3	12
			3						7	0	10	1	0	1	2	0	2	13
			4						4	0	8	3	0	3	1	1	2	13
			1						5	0	6	1	0	1	1	2	3	10
			3						4	0	7			0	1	1	2	9
			4						4	0	8			0			0	8
			2						3	0	5			0	1	2	4	9
			3						5	0	8			0	1	0	1	9
			1						7	0	8			0	0	1	1	9
			2						7	0	9			0			0	9
			2						7	0	9			0	0	1	1	10
			1						6	0	7			0	2	0	2	9
			0						6	0	6			0	0	2	2	8
			3						4	0	7			0	1	0	1	8
			1						5	0	6	1	0	1	1	0	1	8
			1						5	0	6			0	1	1	2	8
			2						6	0	8			0	1	1	2	10
			2						4	0	6			0	1	1	2	8
			2						4	0	6			0	1	1	2	8
			1						4	0	5			0	2	1	3	8
			2						4	0	6	1	0	1			0	7
			2						5	0	7			0			0	7
			1						3	0	4			0	1	2	3	7
			1						6	0	7			0			0	7
			1						4	0	5	1	0	1	1	0	1	7
			1						4	0	5			0	1	1	2	7
			3						2	0	5			0	1	1	2	7
			1						3	0	4	1	0	1	1	1	2	7
			0						4	0	4			0	2	1	3	7
			0						5	0	5			0	1	1	2	7
			2						1	0	3	1	0	1	1	0	1	5
			0						4	0	4			0	0	1	1	5
			0						2	1	3			0	2	0	2	5
			1						3	0	4			0	0	1	1	5
			0						3	0	3			0	1	1	2	5
			1						3	0	4			0	0	1	1	5
			2						3	0	5			0			0	5
			1						4	0	5			0	1	0	1	6

Table 14I-8f (con'd): Grey River Caribou Herd group composition from classification surveys, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						5	0	5			0			0	5
			1						5	0	6			0			0	6
			4						2	0	6			0			0	6
			1						4	0	5			0	0	1	1	6
			2						3	0	5			0	0	1	1	6
			0						3	0	3			0	2	1	3	6
			3						3	0	6			0			0	6
			0						5	0	5			0	1	0	1	6
			1						1	0	2	2	0	2	0	1	1	5
			3						2	0	5			0	1	0	1	6
			1						2	0	3			0	2	0	2	5
			1						3	0	4	1	0	1			0	5
			1						2	0	3			0	0	2	2	5
			1						3	0	4	1	0	1			0	5
			0						3	0	3			0	1	1	2	5
			1						4	0	5			0			0	5
			1						3	0	4			0	1	1	2	6
			0						3	0	3	1	0	1	2	0	2	6
			0						2	0	2			0	1	1	2	4
			1						2	0	3	1	0	1			0	4
			0						3	0	3			0	0	1	1	4
			1						2	0	3			0	1	0	1	4
			0						4	0	4			0			0	4
			1						2	0	3			0	0	1	1	4
			0						3	0	3			0	1	0	1	4
			0						2	0	2			0	0	2	2	4
			0						2	1	3			0	0	1	1	4
			0						3	0	3			0	0	1	1	4
			1						2	0	3			0	0	1	1	4
			1						3	0	4			0			0	4
			1						2	0	3			0	0	1	1	4
			1						2	0	3			0	0	1	1	4
			1						2	0	3	1	0	1			0	4
			0						3	0	3			0	1	0	1	4
			0						2	0	2	1	0	1	1	0	1	4
			1						1	0	2	1	0	1	0	1	1	4
			1						2	0	3	1	0	1			0	4
			1						2	0	3			0	0	1	1	4
			1						2	0	3			0	1	0	1	4
			1						3	0	4			0			0	4
			0						3	0	3	1	0	1			0	4
			2						1	0	3			0	1	0	1	4
			2						2	0	4			0			0	4
			3						1	0	4			0			0	4
			1						2	0	3			0	1	0	1	4
			1						2	0	3			0	1	0	1	4
			0						2	0	2			0	2	0	2	4
			0						3	1	4			0			0	4
			0						3	0	3			0			0	3
			0						1	0	1	1	0	1	0	1	1	3

Table 14I-8f (con'd): Grey River Caribou Herd group composition from classification surveys, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						2	0	2			0	0	1	1	3
			0						2	0	2	1	0	1			0	3
			0						2	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			0						2	0	2			0	0	1	1	3
			0						3	0	3			0			0	3
			0						2	0	2	1	0	1			0	3
			0						2	0	2			0	1	0	1	3
			0						1	0	1			0	1	1	2	3
			0						1	0	1			0	1	1	2	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	0	1	1	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0	1	0	1	3
			1						1	0	2			0	0	1	1	3
			0						3	0	3			0			0	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			0						1	0	1			0	1	1	2	3
			1						2	0	3			0			0	3
			0						2	0	2			0	1	0	1	3
			0						1	0	1			0	1	1	2	3
			0						1	1	2			0	0	1	1	3
			0						1	1	2			0			1	3
			2						1	0	3			0			0	3
			0						2	0	2			0	1	0	1	3
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	1	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1	1	0	1			0	2
			1						1	0	2			0			0	2
			1						0	0	1			0	0	1	1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			148						428	0	582	28	0	28	74	79	155	765

Table 14I-8g: Grey River Caribou Herd group composition from classification surveys, June 16, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			0	1	0	1	0	1			0			0	1
			0			9	7	8	24	0	24	3	2	5			9	38
			0			8	1	0	9	0	9			0			8	17
			4			13	3	5	21	0	25	1	0	2			13	40
			0			10	1	0	11	0	11	0	1	1			10	22
			10			22	19	9	50	0	60	2	1	3			22	85
			13			24	18	15	57	0	70	5	2	9			24	103
			10			9	15	8	32	0	42	3	1	5			9	56
			4			1	7	8	16	0	20	3	4	7			1	28
			1			13	13	9	35	0	36	0	1	1			13	50
			4			2	4	7	13	0	17	1	0	1			2	20
			3			3	1	3	7	0	10	0	2	2			3	15
			0			5	0	2	7	0	7	2	1	3			5	15
			0			4	2	0	6	0	6	0	1	1			4	11
			0			5	1	0	6	0	6	2	2	4			5	15
			4			3	2	0	5	0	9	1	0	1			3	13
			0			4	1	1	6	0	6	1	0	2			4	12
			8			0	3	2	5	0	13	0	0	1			0	14
			0			4	1	0	5	0	5			0			4	9
			2			0	2	2	4	0	6	2	0	2			0	8
			0			3	1	2	6	0	6			0			3	9
			4					1	1	0	5			0			0	5
			2					1	1	0	3			0			0	3
			0					2	2	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			69			144	103	85	332	0	401	26	18	50			144	595

Table 14I-8h: Grey River Caribou Herd group composition from classification surveys, October 10, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			1	1	0	1	0	1			0	0	0	1	2
			1			0	0	0	1	0	2			0			0	2
	1		1			0	0	0	1	0	2			0			0	2
	1		1			0	0	0	1	0	2			0			0	2
			0			1	1	0	1	0	1			0	1	0	1	2
			1			0	0	0	1	0	2			0			0	2
1		2	0			0	0	0	2	0	2			0			0	2
			1			0	0	0	1	0	2			0			0	2
1			1			0	0	0	1	0	2			0			0	2
			1			0	0	0	1	0	2			0			0	2
		1	0			0	0	0	2	0	2			0			0	2
			1			0	0	0	1	0	2			0			0	2
			1			0	0	0	1	0	2			0			0	2
	1	3	0			1	1	0	1	0	1			0	0	1	1	2
		1	1			0	0	0	1	0	2			0			0	2
			0			1	1	0	1	0	1			0	0	1	1	2
1			1			0	0	0	1	0	2			0			0	2
			1						0	0	1			0	1	0	1	2
	1		1			0	0	0	1	0	2			0			0	2
1			0			1	1	0	1	0	1			0	1	0	1	2
	1		1			0	0	0	1	0	2			0			0	2
	1		1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
1	1		0						0	0	0			0	1	0	1	1
	1		1						0	0	1			0			0	1
1			0			0	0	0	1	0	1			0			0	1
	1		1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
1			0			0	0	0	1	0	1			0			0	1
1	1	2	0			0	0	0	1	0	1			0			0	1
			0			0	0	0	1	0	1			0			0	1
1		1	0			0	0	0	1	0	1			0			0	1
			0			0	0	0	1	0	1			0			0	1
1			0						0	0	0			0	0	0	1	1
			1						0	0	1			0			0	1
		2	0			0	0	0	1	0	1			0			0	1
1		4	0			0	0	0	16	0	16			0			0	16
			1			1	1	0	9	0	10			0	1	0	1	11
1	1		5			1	1	0	2	0	7			0	0	1	1	8
1			4			1	1	0	2	0	6			0	1	0	1	7
		1	4			1	1	0	2	0	6			0	1	0	1	7
1			1			1	1	0	5	0	6			0	1	0	1	7
		1	0			3	3	0	4	0	4			0	0	1	3	7
1		1	0			0	0	0	7	0	7			0			0	7
1		1	2			1	1	0	2	0	4			0	0	1	1	5
1			2			0	0	0	3	0	5			0			0	5
			2			1	1	0	2	0	4			0	0	1	1	5
	1		0			1	1	0	4	0	4			0	1	0	1	5
1			0			2	2	0	3	0	3			0	1	1	2	5
1			1			0	0	0	4	0	5			0			0	5

Table 14I-8h (con'd): Grey River Caribou Herd group composition from classification surveys, October 10, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1			0	0	0	4	0	5			0			0	5
1		1	1			0	0	0	4	0	5			0			0	5
			2			1	1	0	2	0	4			0	1	0	1	5
			1			2	2	0	2	0	3			0	1	1	2	5
1			1			1	1	0	3	0	4			0	0	0	1	5
			1			2	2	0	2	0	3			0	0	0	2	5
			1			0	0	0	4	0	5			0			0	5
		1	5			0	0	0	1	0	6			0			0	6
1	2		1			1	1	0	4	0	5			0	0	1	1	6
	1		2			2	2	0	2	0	4			0	1	1	2	6
1			1			0	0	0	3	0	4			0			0	4
1			1			0	0	0	3	0	4			0			0	4
1			1			1	1	0	2	0	3			0	1	0	1	4
1			0			1	1	0	3	0	3			0	0	1	1	4
		2	0			1	1	0	3	0	3			0	1	0	1	4
			0			1	1	0	3	0	3			0	0	1	1	4
			3			0	0	0	1	0	4			0			0	4
	1		0			2	2	0	2	0	2			0	0	0	2	4
			0			1	1	0	3	0	3			0	1	0	1	4
1			3			0	0	0	1	0	4			0			0	4
			1			1	1	0	2	0	3			0	0	1	1	4
			2			1	1	0	1	0	3			0	1	0	1	4
	2		2			0	0	0	2	0	4			0			0	4
			0			1	1	0	3	0	3			0	1	0	1	4
			1			1	1	0	1	0	2			0	0	1	1	3
			1			1	1	0	1	0	2			0	0	1	1	3
			1			1	1	0	1	0	2			0	1	0	1	3
			1			1	1	0	1	0	2			0			1	3
			1			0	0	0	2	0	3			0			0	3
		1	1			0	0	0	2	0	3			0			0	3
			1			0	0	0	2	0	3			0			0	3
	1		1			0	0	0	2	0	3			0			0	3
1			1			0	0	0	2	0	3			0			0	3
			1			1	1	0	1	0	2			0	0	0	1	3
			1			1	1	0	1	0	2			0	0	0	1	3
1			3						0	0	3			0			0	3
1			0			1	1	0	2	0	2			0			1	3
1	2		0			1	1	0	2	0	2			0	0	0	1	3
			2			1	1	0	1	0	3			0			0	3
2	2	1	0			0	0	0	3	0	3			0			0	3
	1		2						0	0	2			0			0	2
34	24	28	90			46	46	0	178	0	268			0	19	15	48	316

Table 14I-8i: Grey River Caribou Herd group composition from classification surveys, June 20, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			0	2	0	2	0	2			0			0	2
			0					1	1	0	1	0	1	1			0	2
			0					1	1	0	1	0	1	1			0	2
			0			0	1	0	1	0	1	1	0	1			0	2
			0			0	1	1	2	0	2			0			0	2
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			10	4	3	17	0	17	1	0	1			0	18
			0			11	5	8	24	0	24	1	1	2			0	26
			0			12	2	4	18	0	18			0			0	18
			0			15	6	4	25	0	25	1	1	4			0	29
			0			13	5	0	18	0	18	0	0	2			0	20
			0			6	5	4	15	0	15	0	0	1			0	16
			0			7	2	2	11	0	11	0	0	1			0	12
			0			2	2	4	8	0	8	1	2	4			0	12
			0			7	4	1	12	0	12			0			0	12
			0			8	2	3	13	0	13	1	0	2			0	15
			0			6	2	0	8	0	8			0			0	8
			0			7	0	1	8	0	8	0	1	1			0	9
			0			5	1	2	8	0	8	0	1	1			0	9
			0			2	3	3	8	0	8			0			0	8
			0			6	0	2	8	0	8	1	0	1			0	9
			0			1	3	2	6	0	6	1	1	2			0	8
			0			5	3	0	8	0	8			0			0	8
			1			3	1	3	7	0	8			0			0	8
			0			5	2	2	9	0	9	0	0	1			0	10
			0			5	1	1	7	0	7	1	1	3			0	10
			0			1	2	4	7	0	7			0			0	7
			0			2	3	0	5	0	5	0	1	1			0	6
			0			1	2	1	4	0	4	0	1	1			0	5
			0			0	3	2	5	0	5			0			0	5
			0			2	2	1	5	0	5			0			0	5
			0			5	0	0	5	0	5			0			0	5
			0			3	0	1	4	0	4	1	0	1			0	5
			0			2	0	1	3	0	3	0	1	1			0	4
			0			2	1	1	4	0	4			0			0	4
			0			1	0	2	3	0	3	0	1	1			0	4
			0			1	2	0	3	0	3	0	1	1			0	4
			0			0	1	2	3	0	3	0	1	1			0	4
			0			3	0	1	4	0	4			0			0	4
			0			1	0	1	2	0	2	2	0	2			0	4
			0			1	0	2	3	0	3			0			0	3
			0			0	2	1	3	0	3			0			0	3
			0			0	1	2	3	0	3			0			0	3
			0			2	0	1	3	0	3			0			0	3

Table 14I-8i (con'd): Grey River Caribou Herd group composition from classification surveys, June 20, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			2	1	0	3	0	3			0			0	3
			0			0	2	0	2	0	2			0			0	2
			0			1	0	1	2	0	2			0			0	2
			0			1	1	0	2	0	2			0			0	2
			0					1	1	0	1	0	1	1			0	2
			0			1	0	0	1	0	1	1	0	1			0	2
			0			0	1	1	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			1			172	84	80	336	0	2	13	17	40			0	377

Table 14I-8j: Grey River Caribou Herd group composition from classification surveys, October 16, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	0						1	0	1			0			0	1
	1		1						0	0	1			0			0	1
		3	1						0	0	1			0			0	1
	2		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
5	5	4	4						26	0	30			0	2	4	6	36
1	1		1						16	0	17			0	1	0	1	18
1	2	2	1						13	0	14			0	1	3	4	18
1		1	14						7	0	21			0	1	2	4	25
2	2		1						12	0	13			0	3	3	6	19
3	4	2	2						17	0	19			0	0	2	2	21
	1		9						1	0	10			0	0	1	1	11
1	2	1	0						12	0	12			0	1	1	2	14
1		1	4						5	0	9			0	3	0	3	12
1	1		2						7	0	9			0	0	2	2	11
1		1	6						1	0	7			0	0	1	1	8
1		3	5						1	0	6			0	1	1	2	8
1			1						6	0	7			0	1	0	1	8
1		1	1						7	0	8			0			0	8
1		1	4						2	0	6			0	1	1	2	8
1		1	2						6	0	8			0	1	0	1	9
2	1	3	1						8	0	9			0	0	1	1	10
2	2		2						7	0	9			0			0	9
1			4						3	0	7			0	2	0	2	9
			5						1	0	6			0	0	1	1	7
1		1	1						4	0	5			0	2	0	2	7
1			2						5	0	7			0			0	7
	1		1						4	0	5			0	1	0	1	6
1	3	1	2						3	0	5			0	1	1	2	7
		1	4						1	0	5			0	1	0	1	6
1			2						4	0	6			0			0	6
1			2						2	0	4			0	1	0	1	5
1			2						2	0	4			0	1	0	1	5
1		1	2						3	0	5			0			0	5
		2	2						2	0	4			0	1	0	1	5
	1		2						2	0	4			0	1	0	1	5
			3						1	0	4			0	1	0	1	5
1	2		1						3	0	4			0	0	1	1	5
1		1	1						2	0	3			0	0	1	1	4
1			1						2	0	3			0	0	1	1	4
		1	2						2	0	4			0			0	4
1	1		1						3	0	4			0			0	4
2			2						1	0	3			0	0	1	1	4
1			1						3	0	4			0			0	4

Table 14I-8j (con'd): Grey River Caribou Herd group composition from classification surveys, October 16, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			0						3	0	3			0	1	0	1	4
1			0						3	0	3			0	1	0	1	4
1			1						1	0	2			0	1	0	1	3
1			3						0	0	3			0			0	3
1			1						2	0	3			0			0	3
	1		1						2	0	3			0			0	3
1			1						1	0	2			0	0	1	1	3
1		1	1						2	0	3			0			0	3
1		1	0						2	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
1			2						0	0	2			0	0	1	1	3
	1		1						1	0	2			0	1	0	1	3
		1	1						1	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
1		1	2						1	0	3			0			0	3
1			1						1	0	2			0	0	1	1	3
1		1	2						1	0	3			0			0	3
	1		1						1	0	2			0	0	1	1	3
		1	2						1	0	3			0			0	3
1	2	1	0						2	0	2			0			0	2
1	1		0						0	0	0			0	2	0	2	2
1			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
	1		2						0	0	2			0			0	2
1			2						0	0	2			0			0	2
	1		2						0	0	2			0			0	2
			1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
			1						0	0	1			0	0	1	1	2
1			1						1	0	2			0			0	2
			1						0	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
64	42	40	148						242	0	390			0	36	36	73	463

Table 14I-9a: Gros Morne Caribou Herd group composition from classification surveys, June 10, 1993.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						0	0	0	0	1	1			0	1
			0					1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0					1	1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0			8	1	0	9	0	9	0	2	2			8	19
			0			15	1	1	17	0	17			0			15	32
			0			10	4	1	15	0	15	0	3	3			10	28
			0			23	4	2	29	0	29	0	2	2			23	54
			0			28	6	0	34	0	34	0	1	1			28	63
			1			2	6	3	11	0	12	5	6	11			2	25
			0			9	5	2	16	0	16			0			9	25
			0			24	15	3	42	0	42	8	3	12			24	78
			0			6	1	4	11	0	11	2	8	10			6	27
			0			22	5	0	27	0	27	1	0	1			22	50
			0			3	3	1	7	0	7	1	1	2			3	12
			0			3	4	0	7	0	7	0	1	1			3	11
			4					1	1	0	5	4	1	6			0	11
			0			5	3	1	9	0	9			0			5	14
			0			6	1	0	7	0	7			1			6	14
			0			2	5	0	7	0	7	1	3	4			2	13
			0			4	0	0	4	0	4			0			4	8
			0			4	1	0	5	0	5			0			4	9
			2			0	2	1	3	0	5	3	1	4			0	9
			0			2	5	0	7	0	7	1	0	1			2	10
			0			4	0	0	4	0	4			0			4	8
			4					1	1	0	5	0	2	2			0	7
			0			1	3	0	4	0	4	1	0	1			1	6
			0			3	0	0	3	0	3			0			3	6
			0			2	0	0	2	0	2	1	1	2			2	6
			2						0	0	2	2	2	4			0	6
			0						0	0	0	1	5	6			0	6
			0			3	0	0	3	0	3			0			3	6
			0			2	1	0	3	0	3	1	1	2			2	7
			1			0	1	3	4	0	5	0	2	2			0	7
			0			1	1	0	2	0	2	0	2	2			1	5
			0					2	2	0	2	0	3	3			0	5
			0			2	1	0	3	0	3			0			2	5
			0			2	0	0	2	0	2	1	0	1			2	5
			0			1	0	3	4	0	4			0			1	5
			0			2	0	0	2	0	2			0			2	4
			0			2	0	0	2	0	2			0			2	4
			0			1	0	1	2	0	2			1			1	4
			0			1	0	0	1	0	1	2	0	2			1	4
			1						0	0	1			3			0	4
			1			0	1	0	1	0	2	0	1	1			0	3
			0			1	0	1	2	0	2			0			1	3

Table 14I-9a (con'd): Gros Morne Caribou Herd group composition from classification surveys, June 10, 1993.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			1	1	0	2	0	2			0			1	3
			0			1	1	0	2	0	2			0			1	3
			0					1	1	0	1	0	2	2			0	3
			0			1	0	0	1	0	1	1	0	1			1	3
			0			0	1	2	3	0	3			0			0	3
			0			1	1	0	2	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0						0	0	0	0	2	2			0	2
			0			1	0	0	1	0	1			0			1	2
			0					2	2	0	2			0			0	2
			0					1	1	0	1			1			0	2
			0						0	0	0	1	1	2			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			0	2	0	2	0	2			0			0	2
			0					1	1	0	1			1			0	2
			0					1	1	0	1	0	1	1			0	2
			0					1	1	0	1	0	1	1			0	2
			18			212	87	42	341	0	359	39	59	107			211	677

Table 14I-9b: Gros Morne Caribou Herd group composition from classification surveys, June 11, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						0	0	0	1	0	1			0	1
			0					1	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0						0	0	0	0	0	1			0	1
			0			0	1	0	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0						0	0	0	1	0	1			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0					1	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			10	2	1	13	0	13	1	0	1			10	24
			0			7	3	3	13	0	13	2	2	4			7	24
			0			7	0	2	9	0	9			0			7	16
			0			4	6	1	11	0	11	0	1	1			4	16
			1			7	4	0	11	0	12	0	2	2			7	21
			0			5	4	0	9	0	9	0	3	3			5	17
			0			8	1	0	9	0	9	0	2	2			8	19
			0			4	1	1	6	0	6	0	1	1			4	11
			0			3	4	0	7	0	7	0	2	2			3	12
			0			4	3	1	8	0	8			0			4	12
			0			4	2	1	7	0	7	0	1	1			4	12
			0			5	4	0	9	0	9			0			5	14
			0			4	1	2	7	0	7			0			4	11
			1			3	1	4	8	0	9	0	3	3			3	15
			0			6	1	0	7	0	7			0			6	13
			2			1	0	2	3	0	5	2	4	7			1	13
			0			5	2	0	7	0	7	0	1	1			5	13
			0			2	3	1	6	0	6	0	5	5			2	13
			0			3	2	1	6	0	6	0	1	1			3	10
			0			1	5	0	6	0	6	1	0	1			1	8
			1			2	0	3	5	0	6	0	1	1			2	9
			2			0	1	2	3	0	5	1	2	3			0	8
			0			0	1	3	4	0	4	2	2	4			0	8
			0			0	1	4	5	0	5	3	0	3			0	8
			0			5	0	0	5	0	5			0			5	10
			0			3	2	1	6	0	6			0			3	9
			2			0	1	2	3	0	5	1	0	1			0	6

Table 14I-9b (con'd): Gros Morne Caribou Herd group composition from classification surveys, June 11, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1					4	4	0	5	0	1	1			0	6
			1			1	0	3	4	0	5	1	0	1			1	7
			0			2	1	1	4	0	4			0			2	6
			0			4	0	0	4	0	4			0			2	6
			0			3	0	1	4	0	4			0			3	7
			0			3	0	0	3	0	3			0			3	6
			0					5	5	0	5			0			0	5
			1					4	4	0	5			0			0	5
			0			0	2	2	4	0	4	0	1	1			0	5
			0			1	1	0	2	0	2	0	2	2			1	5
			0			2	1	0	3	0	3			0			2	5
			0			0	4	1	5	0	5			0			0	5
			0			0	1	3	4	0	4	0	1	1			0	5
			0			1	0	2	3	0	3	0	1	1			1	5
			0			2	0	0	2	0	2	0	1	1			2	5
			0			2	1	0	3	0	3			0			2	5
			0			1	0	2	3	0	3	0	1	1			1	5
			0			2	0	0	2	0	2			0			2	4
			0			2	0	0	2	0	2			0			2	4
			0			0	2	2	4	0	4			0			0	4
			0			1	1	0	2	0	2	0	1	1			1	4
			0			0	1	2	3	0	3	0	1	1			0	4
			0			2	0	0	2	0	2			0			2	4
			0			2	0	0	2	0	2			0			2	4
			0			2	0	1	3	0	3	0	1	1			0	4
			0					2	2	0	2	1	1	2			0	4
			0			2	0	0	2	0	2			0			2	4
			0					3	3	0	3	1	0	1			0	4
			0			2	0	0	2	0	2			0			2	4
			0					2	2	0	2	0	2	2			0	4
			0			1	0	0	1	0	1	0	2	2			1	4
			0			1	0	1	2	0	2			0			1	3
			0			0	1	1	2	0	2	1	0	1			0	3
			0			1	1	0	2	0	2			0			1	3
			0			0	1	2	3	0	3			0			0	3
			0			0	1	0	1	0	1	0	2	2			0	3
			0			1	0	0	1	0	1	0	1	1			1	3
			0					3	3	0	3			0			0	3
			0			1	0	0	1	0	1	0	0	1			1	3
			0					2	2	0	2	1	0	1			0	3
			0			1	0	0	1	0	1	0	1	1			1	3
			0					1	1	0	1	0	2	2			0	3
			0			0	1	0	1	0	1	0	2	2			0	3
			0			0	3	0	3	0	3			0			0	3
			0			1	1	0	2	0	2			0			1	3
			1					1	1	0	2	0	1	1			0	3
			1					2	2	0	3			0			0	3
			0			1	0	0	1	0	1			0			1	2
			2						0	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2

Table 14I-9b (con'd): Gros Morne Caribou Herd group composition from classification surveys, June 11, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			0	1	0	1	0	1	1	0	1			0	2
			0			1	0	0	1	0	1			0			1	2
			2						0	0	2			0			0	2
			1						0	0	1	1	0	1			0	2
			1					1	1	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			1					1	1	0	2			0			0	2
			1					1	1	0	2			0			0	2
			1					1	1	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			1	0	0	1	0	1			0			1	2
			0					2	2	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0					1	1	0	1	1	0	1			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1	0	1	1			0	2
			0					1	1	0	1	0	1	1			0	2
			0					2	2	0	2			0			0	2
			0					1	1	0	1	0	1	1			0	2
			0			1	0	0	1	0	1			0			1	2
			29			159	90	104	353	0	382	24	65	92			156	630

Table 14I-9c: Gros Morne Caribou Herd group composition from classification surveys, June 4, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0	0	1	0	1	0	1	0	1			0			0	0
			0	0	1	0	1	0	1	0	1			0			0	0
			0	1	0	0	1	0	1	0	1			0			0	0
			0	1	0	0	1	0	1	0	1			0			0	0
			0	1	0	0	1	0	1	0	1			0			0	0
			0	4	14	3	14	1	18	0	18	1	2	3			3	0
			0	1	11	5	6	1	12	0	12	0	1	2			5	0
			1	0	5	5	0	0	5	0	6			0			5	0
			0	2	4	6	0	0	6	0	6			0			6	0
			0	1	6	6	1	0	7	0	7	0	1	1			6	0
			0	1	5	6	0	0	6	0	6			0			6	0
			0	3	3	6	0	0	6	0	6	1	0	1			6	0
			0	2	4	2	3	1	6	0	6	1	2	3			2	0
			0	0	5	3	2	0	5	0	5	0	1	1			3	0
			1	0	2	0	1	1	2	0	3	1	4	5			0	0
			0	0	4	3	1	0	4	0	4	1	1	2			3	0
			0	1	3	4	0	0	4	0	4	0	1	1			4	0
			0	1	3	0	1	3	4	0	4	1	4	5			0	0
			0	0	4	4	0	0	4	0	4	0	1	1			4	0
			0	2	3	4	1	0	5	0	5			0			4	0
			0	2	3	3	2	0	5	0	5	0	1	1			3	0
			0	0	4	4	0	0	4	0	4			0			4	0
			0	0	2	0	2	0	2	0	2	1	4	5			0	0
			0	2	1	3	0	0	3	0	3			0			3	0
			0	0	1	0	0	1	1	0	1	2	3	5			0	0
			0	2	2	2	2	0	4	0	4			0			2	0
			0	0	3	3	0	0	3	0	3			0			3	0
			0	0	3	2	1	0	3	0	3	1	1	2			2	0
			0	0	3	2	0	1	3	0	3	0	1	1			2	0
			0	0	1	0	0	1	1	0	1	2	2	4			0	0
			0	1	1	2	0	0	2	0	2	1	0	1			2	0
			0	1	1	2	0	0	2	0	2	1	0	1			2	0
			0	1	1	0	2	0	2	0	2	1	2	3			0	0
			0	2	1	2	1	0	3	0	3			0			2	0
			0	1	2	2	1	0	3	0	3			0			2	0
			0	0	1	0	1	0	1	0	1	0	4	4			0	0
			0	0	2	2	0	0	2	0	2			0			2	0
			0	1	0	1	0	0	1	0	1	1	1	2			1	0
			0	0	2	1	1	0	2	0	2	0	1	1			1	0
			0	0	2	2	0	0	2	0	2			0			2	0
			0	0	2	1	0	1	2	0	2	0	1	1			1	0
			0	0	2	0	1	1	2	0	2	0	2	2			0	0
			0	0	2	1	1	0	2	0	2	0	1	1			1	0
			0	1	1	2	0	0	2	0	2			0			2	0
			0	1	1	2	0	0	2	0	2			0			2	0
			1	2	0	0	2	0	2	0	3			0			0	0
			1	1	0	0	1	0	1	0	2	0	1	1			0	0
			0	1	0	0	1	0	1	0	1	1	1	2			0	0
			0	1	1	1	1	0	2	0	2			0			1	0
			0	1	0	1	0	0	1	0	1	0	1	1			1	0

Table 14I-9c (con'd): Gros Morne Caribou Herd group composition from classification surveys, June 4, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0	0	1	1	0	0	1	0	1	1	0	1			1	0
			0	0	2	0	1	1	2	0	2	1	0	1			0	0
			0	2	0	0	2	0	2	0	2	1	0	1			0	0
			0	0	2	1	1	0	2	0	2			0			1	0
			0	0	1	0	1	0	1	0	1	2	0	2			0	0
			0	1	0	0	1	0	1	0	1	1	0	2			0	0
			0	0	1	0	1	0	1	0	1	1	1	2			0	0
			0	0	1	1	0	0	1	0	1			0			1	0
			0	0	1	0	1	0	1	0	1	0	1	1			0	0
			0	0	1	1	0	0	1	0	1			0			1	0
			0	1	0	0	1	0	1	0	1	1	0	1			0	0
			0	1	0	1	0	0	1	0	1			0			1	0
			0	1	0	1	0	0	1	0	1			0			1	0
			0	1	0	0	1	0	1	0	1	0	1	1			0	0
			0	0	1	0	1	0	1	0	1	0	1	1			0	0
			0	0	1	0	1	0	1	0	1	0	1	1			0	0
			0	0	1	1	0	0	1	0	1			0			1	0
			0	0	1	0	1	0	1	0	1	0	1	1			0	0
			0	1	0	0	1	0	1	0	1	0	1	1			0	0
			0	0	1	1	0	0	1	0	1			0			1	0
			0	1	0	1	0	0	1	0	1			0			1	0
			0	0	2	0	0	2	2	0	2			0			0	0
			0	1	1	0	2	0	2	0	2			0			0	0
			0	0	1	0	1	0	1	0	1	1	0	1			0	0
			0	0	1	1	0	0	1	0	1			0			1	0
			0	2	0	0	2	0	2	0	2			0			0	0
			0	1	0	1	0	0	1	0	1			0			1	0
			4	55	143	109	74	15	198	0	202	26	52	80			109	0

Table 14I-9d: Gros Morne Caribou Herd group composition from classification surveys, June 11, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			0	1	0	1	0	1			0			0	1
			0			0	0	1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	0	1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	0	1	1	0	1			0			0	1
			0			0	0	0	0	0	0	0	1	1			0	1
			0			0	0	0	0	0	0	1	0	1			0	1
			1			0	0	0	0	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			5	2	0	7	0	7	4	1	5			5	17
			0			8	3	1	12	0	12			0			8	20
			0			5	5	2	12	0	12	1	1	2			5	19
			0			3	2	1	6	0	6	2	2	4			3	13
			3			2	2	1	5	0	8	0	1	1			2	11
			0			5	2	0	7	0	7			0			5	12
			0			2	5	1	8	0	8	1	0	1			2	11
			0			2	2	1	5	0	5	1	0	1			2	8
			1			4	0	0	4	0	5			0			4	9
			0			4	1	0	5	0	5			0			4	9
			0			1	4	2	7	0	7			0			1	8
			0			5	0	0	5	0	5			0			5	10
			0			3	1	0	4	0	4	1	0	1			3	8
			0			1	1	2	4	0	4	0	1	1			1	6
			2			2	0	0	2	0	4			0			2	6
			0			2	0	1	3	0	3	1	0	1			2	6
			0			1	4	1	6	0	6			0			1	7
			0			2	1	1	4	0	4			0			2	6
			0			2	2	0	4	0	4			0			2	6
			0			2	1	0	3	0	3			0			2	5
			0			2	1	0	3	0	3			0			2	5
			0			1	2	1	4	0	4			0			1	5
			1			1	1	0	2	0	3	1	0	1			1	5
			0			2	1	0	3	0	3			0			2	5
			0			2	0	1	3	0	3			0			2	5
			0			2	1	0	3	0	3			0			2	5
			0			2	1	0	3	0	3			0			2	5
			0			2	0	1	3	0	3			0			2	5
			0			2	0	0	2	0	2			0			2	4
			0			0	3	0	3	0	3	1	0	1			0	4
			2			0	0	2	2	0	4			0			0	4
			0			0	3	1	4	0	4			0			0	4
			0			2	0	0	2	0	2			0			2	4
			2			0	0	1	1	0	3	1	0	1			0	4
			0			0	2	1	3	0	3	0	1	1			0	4
			0			0	1	1	2	0	2	1	1	2			0	4
			0			0	2	1	3	0	3	0	1	1			0	4
			0			1	1	1	3	0	3			0			1	4
			0			0	1	0	1	0	1	2	0	2			0	3
			0			1	1	0	2	0	2			0			1	3

Table 14I-9d (con'd): Gros Morne Caribou Herd group composition from classification surveys, June 11, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			1	0	0	1	0	1	0	1	1			1	3
			1			0	1	0	1	0	2	0	1	1			0	3
			1			0	1	1	2	0	3			0			0	3
			0			0	1	1	2	0	2	0	1	1			0	3
			0			0	1	1	2	0	2	0	1	1			0	3
			0			0	0	2	2	0	2	1	0	1			0	3
			2			0	0	0	0	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0			0	0	0	0	0	0	0	2	2			0	2
			0			1	0	0	1	0	1			0			1	2
			0			0	0	1	1	0	1	0	1	1			0	2
			0			0	0	1	1	0	1	1	0	1			0	2
			0			0	0	2	2	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			0	0	0	0	0	0	0	2	2			0	2
			0			1	0	0	1		1			0			1	2
			16			88	67	37	192	0	208	20	19	39			88	335

Table 14I-9e: Gros Morne Caribou Herd group composition from classification surveys, November 10, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0	1	0				1	0	1						0	0
			0	1	0				1	0	1						0	0
			0	0	1				1	0	1						0	0
			0						0	0	1				0	1	0	1
			3	6	5				11	0	21				4	2	0	7
			3	4	4				8	0	18				3	4	0	7
			9	4	4				8	0	20				0	3	0	3
			7	9	3				12	0	23				3	1	0	4
			8	10	16				26	0	38				3	1	0	4
			2	1	6				7	0	14				4	1	0	5
			3	5	4				9	0	14				0	2	0	2
			4	3	5				8	0	15				2	1	0	3
			6	2	3				5	0	13				1	1	0	2
			3	3	2				5	1	11				2	0	0	2
			5	2	1				3	0	11				3	0	0	3
			2	2	4				6	0	12				1	2	0	4
			5	1	2				3	0	9				0	1	0	1
			3	2	3				5	0	10				2	0	0	2
			3	3	2				5	0	9				0	1	0	1
			6	1	1				2	0	9				1	0	0	1
			2	2	3				5	1	9				1	0	0	1
			1	3	4				7	0	9				1	0	0	1
			5	3	2				5	0	10						0	0
			2	2	4				6	0	10				1	1	0	2
			2	3	0				3	0	6				0	1	0	1
			3	2	2				4	0	7						0	0
			2	2	1				3	0	6				1	0	0	1
			1	1	2				3	0	6				1	1	0	2
			1	2	2				4	0	6				0	1	0	1
			2	2	0				2	0	7				2	1	0	3
			1	1	2				3	0	5						0	1
			1	2	1				3	0	5				1	0	0	1
			1	1	2				3	0	5				0	1	0	1
			1	0	2				2	0	4				1	0	0	1
			0	3	0				3	0	4				0	1	0	1
			0	0	1				1	0	3				2	0	0	2
			0	1	1				2	0	3				0	1	0	1
			1	1	0				1	0	3				0	1	0	1
			1	1	0				1	0	3				0	1	0	1
			1	0	1				1	0	3				0	1	0	1
			1	0	2				2	0	3						0	0
			1	0	1				1	0	3				1	0	0	1
			0	1	0				1	0	2				0	1	0	1
			1	1	0				1	0	2						0	0
			0	1	0				1	0	2				0	1	0	1
			2						0	0	2						0	0
			105	95	99				194	2	379				41	34	0	78

Table 14I-9f: Gros Morne Caribou Herd group composition from classification surveys, June 12, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0					1	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0						0	1	1			0			0	1
			0					1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0			0	1	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			1						0	0	1			0			0	1
			3			8	1	1	10	0	13	1	1	2			8	23
			6					5	5	0	11	2	1	3			0	14
			8						0	0	8	3	0	3			0	11
			6			0	2	3	5	0	11	1	2	3			0	14
			0			1	2	4	7	0	7	3	0	4			1	12
			3			1	0	4	5	0	8	2	1	3			1	12
			0			1	6	2	9	0	9	2	1	3			1	13
			0			6	0	0	6	0	6	0	1	1			6	13
			0			4	1	0	5	0	5			0			4	9
			0			2	1	2	5	0	5	0	1	1			2	8
			4					3	3	0	7	0	3	3			0	10
			1			4	0	0	4	0	5			0			4	9
			0			1	4	2	7	0	7			0			1	8
			0			3	4	0	7	0	7			0			3	10
			0			4	1	0	5	0	5			0			4	9
			0			3	1	2	6	0	6	0	1	1			3	10
			0			1	6	1	8	0	8	0	1	1			1	10
			1			3	2	0	5	0	6	0	1	1			3	10
			4					1	1	0	5	0	1	1			0	6
			0			2	1	1	4	0	4			0			2	6
			1			2	1	0	3	0	4			0			2	6
			0			2	2	1	5	0	5			0			2	7
			0			3	0	0	3	0	3			0			3	6
			0			2	0	1	3	0	3	1	0	1			2	6
			0			2	1	1	4	0	4	0	1	1			2	7
			0			2	2	1	5	0	5			0			2	7
			0			1	3	1	5	0	5	1	0	1			1	7
			0			0	4	1	5	0	5	0	2	2			0	7
			0			3	1	0	4	0	4			0			3	7
			0			2	1	1	4	0	4			0			2	6
			3			0	1	0	1	0	4	1	0	1			0	5
			0			2	0	0	2	0	2	0	1	1			2	5
			0					4	4	0	4	1	0	1			0	5

Table 14I-9f (con'd): Gros Morne Caribou Herd group composition from classification surveys, June 12, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			2	0	0	2	0	2	1	0	1			2	5
			0			1	1	0	2	0	2	1	1	2			1	5
			5						0	0	5			0			0	5
			0			0	1	1	2	0	2	0	2	2			0	4
			0			1	0	1	2	0	2	0	1	1			1	4
			0			2	0	0	2	0	2			0			2	4
			0			2	0	0	2	0	2			0			2	4
			1					1	1	0	2	1	1	2			0	4
			0			2	0	0	2	0	2			0			2	4
			4						0	0	4			0			0	4
			0			0	1	0	1	0	1	1	1	3			0	4
			0			2	0	0	2	0	2			0			2	4
			0					2	2	0	2	1	1	2			0	4
			3						0	0	3			0			0	3
			0			0	1	1	2	0	2	1	0	1			0	3
			0			0	2	0	2	0	2	0	1	1			0	3
			2						0	0	2	1	0	1			0	3
			0			1	1	0	2	0	2			0			1	3
			1					1	1	0	2	0	0	1			0	3
			0			0	1	1	2	0	2	0	1	1			0	3
			0			0	3	0	3	0	3			0			0	3
			1			1	0	0	1	0	2			0			1	3
			0			1	1	0	2	0	2			0			1	3
			0			1	0	1	2	0	2			0			1	3
			0			1	0	1	2	0	2			0			1	3
			0			1	0	1	2	0	2			0			1	3
			0			1	0	0	1	0	1	0	1	1			1	3
			0			0	2	0	2	0	2	1	0	1			0	3
			0			0	3	0	3	0	3			0			0	3
			0			1	1	0	2	0	2			0			1	3
			0			1	0	0	1	0	1			0			1	2
			0						0	1	1	0	0	1			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0					2	2	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0					1	1	1	2			0			0	2
			0						0	0	0	1	1	2			0	2
			0			1	0	0	1	0	1			0			1	2
			2						0	0	2			0			0	2
			1						0	0	1	1	0	1			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2

Table 14I-9f (con'd): Gros Morne Caribou Herd group composition from classification surveys, June 12, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			0	2	0	2	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0					2	2	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			69			97	74	63	234	3	306	30	32	66			97	469

Table 14I-9g: Gros Morne Caribou Herd group composition from classification surveys, October 2, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			5						11	0	16			0	3	1	4	20
			11						14	0	25			0	2	2	5	30
			7						7	0	14			0	2	1	3	17
			4						7	0	11			0	0	1	1	12
			3						8	0	11			0	1	0	1	12
			2						6	0	8			0	2	2	4	12
			5						7	0	12			0	1	1	2	14
			4						8	0	12			0	1	1	2	14
			2						5	0	7			0	0	1	1	8
			2						5	0	7			0	0	1	1	8
			4						3	0	7			0	1	0	1	8
			3						4	0	7			0	1	1	2	9
			4						4	0	8			0	1	1	2	10
			2						4	0	6			0	1	1	2	8
			4						4	0	8			0	1	0	1	9
			3						4	0	7			0	0	1	1	8
			2						4	0	6			0	2	0	2	8
			2						4	0	6			0	2	1	4	10
			4						2	0	6			0	0	1	2	8
			3						2	0	5			0	1	1	2	7
			1						6	0	7			0			0	7
			1						5	0	6			0			0	6
			1						5	0	6			0			0	6
			1						3	0	4			0	2	0	2	6
			1						4	0	5			0	0	1	1	6
			3						2	1	6			0	1	0	1	7
			1						3	1	5			0			2	7
			1						3	0	4			0	0	1	1	5
			1						2	0	3			0	1	1	2	5
			2						2	0	4			0	1	0	1	5
			1						2	0	3			0	0	1	1	4
			1						1	1	3			0	0	1	1	4

Table 14I-9g (con'd): Gros Morne Caribou Herd group composition from classification surveys, October 2, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						2	1	4			0			0	4
			3						1	0	4			0			0	4
			4						0	0	4			0			0	4
			2						1	0	3			0	1	0	1	4
			2						1	0	3			0			1	4
			0						4	0	4			0			0	4
			0						2	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			0						2	0	2			0	1	0	1	3
			1						1	0	2			0			1	3
			0						2	0	2			0	0	1	1	3
			1						1	0	2			0	1	0	1	3
			0						3	0	3			0			0	3
			2						1	0	3			0			0	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	1	0	1	3
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			2						0	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			1						0	1	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			131						200	5	336			0	37	30	74	410

Table 14I-9h: Gros Morne Caribou Herd group composition from classification surveys, November 12, 1997.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0	1	0				1	0	1			0	0	1	0	1
			1						0	0	1			0			0	1
			0	0	1				1	0	1			0			0	1
			0	0	1				1	0	1			0			0	1
			0	1	0				1	0	1			0			0	1
			0	1	0				1	0	1			0			0	1
			0	1	0				1	0	1			0			0	1
			0	0	1				1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0	1	0				1	0	1			0	0	1	0	1
			0	1	0				1	0	1			0	0	1	0	1
			0	1	0				1	0	1			0	0	1	0	1
			1						0	0	1			0			0	1
			6	6	6				12	0	18			0	4	1	4	22
			7	7	7				14	0	21			0	2	2	2	23
			5	9	2				11	0	16			0	0	4	0	16
			4	4	8				12	0	16			0	2	4	2	18
			2	7	6				13	0	15			0	3	2	3	18
			5	5	3				8	0	13			0	3	3	3	16
			3	6	10				16	0	19			0	2	2	3	22
			2	6	7				13	0	15			0	2	4	2	17
			5	7	9				16	0	21			0	1	4	1	22
			11	0	3				3	0	14			0	0	1	0	14
			4	2	6				8	0	12			0	2	1	2	14
			1	5	7				12	0	13			0	2	2	2	15
			5	3	3				6	0	11			0	1	1	1	12
			7	3	2				5	0	12			0	1	0	1	13
			2	5	4				9	0	11			0	1	1	2	13
			5	3	3				6	0	11			0	1	0	1	12
			3	4	2				6	0	9			0	3	0	3	12
			7	5	0				5	0	12			0	0	1	0	12
			3	5	3				8	0	11			0	1	1	1	12
			1	5	4				9	0	10			0	2	2	2	12
			0	7	3				10	0	10			0	1	5	1	11
			1	2	6				8	0	9			0	2	2	2	11
			5	2	2				4	0	9			0	2	2	2	11
			5	3	1				4	0	9			0	2	1	2	11
			3	3	1				4	0	7			0	2	1	2	9
			4	1	1				2	0	6			0	2	0	2	8
			1	3	2				5	0	6			0	3	1	3	9
			1	1	5				6	0	7			0	2	0	2	9
			4	3	1				4	0	8			0	2	3	2	10
			4	3	2				5	0	9			0	1	1	1	10
			4	3	2				5	0	9			0	1	1	1	10
			1	2	5				7	0	8			0	1	2	1	9
			2	4	1				5	0	7			0	2	0	2	9
			3	0	3				3	1	7			0	3	0	3	10
			2	2	3				5	0	7			0	1	1	1	8
			1	3	3				6	0	7			0	1	2	1	8

Table 14I-9h (con'd): Gros Morne Caribou Herd group composition from classification surveys, November 12, 1997.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			3	3	2				5	0	8			0			0	8
			3	2	2				4	0	7			0	1	0	1	8
			3	2	2				4	0	7			0	1	1	1	8
			2	4	1				5	0	7			0	0	1	0	7
			2	0	4				4	0	6			0			0	6
			0	2	4				6	0	6			0			0	6
			1	3	3				6	0	7			0	0	2	0	7
			1	3	2				5	0	6			0	0	2	0	6
			2	1	2				3	0	5			0	1	0	1	6
			0	2	4				6	0	6			0	1	0	1	7
			3	1	3				4	0	7			0	0	1	0	7
			0	4	3				7	0	7			0			0	7
			2	3	1				4	0	6			0	1	2	1	7
			2	3	1				4	0	6			0	0	1	0	6
			1	2	4				6	0	7			0	0	2	0	7
			2	1	1				2	1	5			0	1	0	1	6
			4	2	0				2	0	6			0	0	2	0	6
			2	0	5				5	0	7			0	0	1	0	7
			3	1	2				3	0	6			0	0	1	0	6
			0	2	2				4	0	4			0	1	1	1	5
			3	0	2				2	0	5			0	0	1	0	5
			1	4	0				4	0	5			0	0	2	0	5
			0	2	1				3	0	3			0	1	0	2	5
			1	2	2				4	0	5			0			0	5
			1	1	3				4	0	5			0			0	5
			5						0	0	5			0			0	5
			0	3	2				5	0	5			0			0	5
			0	3	1				4	0	4			0	1	1	1	5
			0	2	2				4	0	4			0			1	5
			2	1	1				2	0	4			0	1	0	1	5
			1	3	1				4	0	5			0	0	1	0	5
			0	0	4				4	0	4			0	1	1	1	5
			1	2	1				3	0	4			0	1	1	1	5
			0	1	3				4	0	4			0	0	2	0	4
			2	1	1				2	0	4			0	0	1	0	4
			3	1	0				1	0	4			0	0	3	0	4
			2	0	1				1	0	3			0	1	0	1	4
			2	1	1				2	0	4			0			0	4
			2	0	2				2	0	4			0	0	1	0	4
			0	0	3				3	1	4			0			0	4
			1	0	2				2	0	3			0	1	1	1	4
			1	0	3				3	0	4			0	0	1	0	4
			1	2	1				3	0	4			0			0	4
			1	1	1				2	0	3			0	1	0	1	4
			0	2	1				3	0	3			0	0	2	0	3
			0	1	1				2	0	2			0	1	0	1	3
			0	1	2				3	0	3			0			0	3
			0	0	2				2	0	2			0	1	0	1	3
			0	1	2				3	0	3			0			0	3
			1	1	0				1	1	3			0			0	3

Table 14I-9h (con'd): Gros Morne Caribou Herd group composition from classification surveys, November 12, 1997.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1	0	2				2	0	3			0	0	1	0	3
			1	2	0				2	0	3			0			0	3
			0	3	0				3	0	3			0	0	1	0	3
			0	2	0				2	0	2			0	1	0	1	3
			0	2	1				3	0	3			0	0	1	0	3
			1	0	1				1	0	2			0	0	1	0	2
			0	1	1				2	0	2			0			0	2
			0	1	1				2	0	2			0			0	2
			1	0	1				1	0	2			0			0	2
			0	1	0				1	0	1			0	1	0	1	2
			0	0	1				1	0	1			0	1	0	1	2
			0	0	2				2	0	2			0	0	1	0	2
			0	0	2				2	0	2			0			0	2
			1	0	1				1	0	2			0			0	2
			0	1	1				2	0	2			0	0	2	0	2
			0	2	0				2	0	2			0	0	2	0	2
			1	0	1				1	0	2			0			0	2
			0	0	2				2	0	2			0			0	2
			206	238	250				488	4	698			0	81	106	85	783

Table 14I-10a: La Poile Caribou Herd group composition from classification surveys, October 12, 1967.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			5						10	0	15			0			5	20
			2						15	0	17			0			6	23
			1						15	0	16			0			2	18
			2						10	0	12			0			6	18
			3						6	0	9			0			4	13
			1						7	0	8			0			4	12
			6						5	0	11			0			3	14
			2						4	0	6			0			3	9
			2						4	0	6			0			3	9
			3						5	0	8			0			1	9
			3						5	0	8			0			1	9
			4						3	0	7			0			1	8
			2						4	0	6			0			2	8
			1						4	0	5			0			2	7
			3						3	0	6			0			1	7
			2						3	0	5			0			2	7
			2						2	0	4			0			1	5
			2						2	0	4			0			2	6
			2						2	0	4			0			1	5
			1						3	0	4			0			2	6
			0						3	0	3			0			3	6
			0						4	0	4			0			2	6
			2						2	0	4			0			2	6
			1						2	0	3			0			2	5
			2						1	0	3			0			2	5
			1						3	0	4			0			1	5
			1						2	0	3			0			1	4
			1						2	0	3			0			1	4
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			3						0	0	3			0			0	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			1						1	0	2			0			1	3
			67						143	0	210			0			73	283

Table 14I-10b: La Poile Caribou Herd group composition from classification surveys, June 12, 1970.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			5						19	0	24			2			15	41
			5						5	0	10			9			0	19
			0						66	0	66			0			58	124
			0						48	0	48			2			38	88
			0						27	0	27			4			18	49
			2						26	0	28			3			18	49
			0						23	0	23			8			11	42
			1						43	0	44			4			31	79
			13						257	0	270			32			189	491

Table 14I-10c: La Poile Caribou Herd group composition from classification surveys, October 11, 12, 13, and 14, 1987.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
		2	1						1	0	2			0			0	2
		2	0						2	0	2			0			0	2
		1	0						1	0	1			0			1	2
1	1		0						1	0	1			0			1	2
	1	1	0						2	0	2			0			0	2
			0						1	0	1			0			1	2
		1	0						1	0	1			0			1	2
		1	2						0	0	2			0			0	2
	1		1						0	1	2			0			0	2
			0						1	0	1			0			1	2
		1	1						1	0	2			0			0	2
1			1						0	0	1			0			0	1
1		1	0						16	0	16			0	1	0	8	24
			35						1	0	36			0	1	0	1	37
1	2	9	1						22	0	23			0	4	0	8	31
1	3		4						23	0	27			0	2	0	2	29
2	1		5						20	0	25			0	1	2	4	29
3	2	2	1						16	0	17			0	1	14	16	33
1		4	4						18	0	22			0	3	2	6	28
3	1		1						24	0	25			0	2	0	4	29
3	2	8	1						26	0	27			0	3	0	7	34
1	5	3	0						22	0	22			0	3	1	4	26
2	3	7	1						23	0	24			0	1	0	1	25
1	2		2						16	0	18			0			0	18
1	1		1						13	0	14			0	2	3	7	21
3	1	2	0						36	0	36			0	3	0	5	41
2	1	1	6						14	0	20			0	0	1	2	22
1	1	6	3						15	0	18			0	1	1	3	21
1	1		2						14	0	16			0	1	0	2	18
2	5		72						6	0	78			0	0	2	3	81
1		5	2						11	0	13			0	2	1	4	17
1			13						2	0	15			0	1	0	2	17
1			7						11	0	18			0	1	0	1	19
1	1	1	3						10	0	13			0			7	20
2	2	4	1						35	0	36			0	2	0	3	39
1		2	1						20	0	21			0			2	23
		1	1						12	0	13			0	0	1	6	19
5	14	16	9						50	0	59			0	3	3	6	65
	2		12						1	0	13			0			1	14
1	2		3						10	0	13			0	1	0	1	14
1	3		4						6	0	10			0	0	1	3	13
	1		6						4	0	10			0			3	13
			12						1	0	13			0	1	0	1	14
1		4	1						12	0	13			0	2	0	2	15
	1		1						6	0	7			0			4	11
1			2						7	0	9			0			1	10
1			1						6	0	7			0			2	9
	1	1	2						6	0	8			0	0	2	2	10
			8						1	0	9			0			1	10
1		1	5						2	0	7			0	1	0	2	9

Table 14I-10c (con'd): La Poile Caribou Herd group composition from classification surveys, October 11, 12, 13, and 14, 1987.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
	1		7						1	0	8			0			1	9
	1		2						4	0	6			0			2	8
		1	1						5	0	6			0	1	0	2	8
		1	1						6	0	7			0	1	0	1	8
1			2						4	0	6			0	1	0	2	8
			3						3	0	6			0	1	0	2	8
		4	8						0	0	8			0			0	8
1		1	1						5	0	6			0	3	1	4	10
1		2	1						5	0	6			0	1	0	2	8
1			2						5	0	7			0	1	0	1	8
1			1						7	0	8			0			0	8
3			2						5	0	7			0	0	1	2	9
1		1	2						5	0	7			0			1	8
1			1						6	0	7			0	0	1	2	9
			3						2	0	5			0	1	0	2	7
		2	1						4	0	5			0	2	0	2	7
		2	0						4	0	4			0			3	7
1			3						3	0	6			0	1	0	1	7
1			3						3	0	6			0			1	7
	1	2	1						3	0	4			0			3	7
1		1	3						3	0	6			0			1	7
2			2						3	0	5			0			2	7
	1		2						3	0	5			0			2	7
1			2						4	0	6			0			0	6
1			2						2	0	4			0	1	1	2	6
1	1		1						3	0	4			0	0	1	1	5
1		2	1						5	0	6			0			0	6
1		1	2						3	0	5			0			0	5
			4						1	0	5			0			0	5
1		1	0						3	0	3			0	0	2	2	5
1	1	1	3						3	0	6			0			0	6
			1						4	0	5			0	1	0	1	6
1			3						1	0	4			0			1	5
		1	3						1	0	4			0			1	5
1			0						5	0	5			0			1	6
			2						2	0	4			0	1	1	2	6
	1		2						4	0	6			0			0	6
		1	4						1	0	5			0			0	5
		1	2						1	0	3			0	1	0	1	4
			3						1	0	4			0			0	4
			1						2	0	3			0			1	4
			0						2	0	2			0			2	4
			2						1	0	3			0			1	4
2		1	1						2	0	3			0			1	4
			1						2	0	3			0	1	0	1	4
1			1						2	0	3			0	1	0	1	4
		1	1						2	0	3			0	1	0	1	4
1		1	0						3	0	3			0			1	4
			0						2	0	2			0			1	3

Table 14I-10c (con'd): La Poile Caribou Herd group composition from classification surveys, October 11, 12, 13, and 14, 1987.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2			0	1	0	1	3
	1	2	2						1	0	3			0			0	3
		1	1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			1						2	0	3			0			0	3
	3		3						0	0	3			0			0	3
			1						1	0	2			0			1	3
		1	1						1	0	2			0			1	3
			1						1	0	2			0	0	1	1	3
		1	0						3	0	3			0			0	3
		1	0						2	0	2			0	1	0	1	3
	2		0						2	0	2			0			1	3
	2		2						1	0	3			0			0	3
		1	0						2	0	2			0	1	0	1	3
1		1	1						1	0	2			0	1	0	1	3
78	76	123	348						720	1	1069			0	67	43	213	1282

Table 14I-10d: La Poile Caribou Herd group composition from classification surveys, April 6 and 7, 1988.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2			0			0	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	1	0	1	2
			0						2	0	2			0			0	2
			0						1	0	1			1	1	0	1	2
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			2						0	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			1						1	0	2			0			0	2
			1						0	0	1			1	0	1	1	2
			0						1	0	1			1	1	0	1	2
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			1	0	1	1	1
			0						0	0	0			1	0	1	1	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			1	1	0	1	1
			2						46	0	48			11	3	1	11	59
			6						19	26	51			6	2	1	6	57
			4						18	0	22			6	3	2	6	28
			3						42	0	45			12	4	1	12	57
			2						29	4	35			18	5	5	18	53
			0						26	0	26			3	1	0	3	29
			18						29	0	47			14	9	5	14	61
			0						17	0	17			1	0	1	1	18
			9						8	0	17			12	7	4	12	29
			2						19	3	24			5	2	0	5	29
			0						16	0	16			2			2	18
			8						3	0	11			6	5	1	6	17
			0						26	0	26			5			5	31
			2						8	1	11			5	2	2	5	16
			0						18	0	18			1	0	1	1	19
			1						14	2	17			11	5	3	11	28
			5						14	0	19			5	3	2	5	24
			2						13	3	18			5	1	3	5	23
			3						17	0	20			3	2	0	3	23
			7						18	0	25			15	8	6	15	40
			7						18	1	26			14	7	5	14	40
			2						30	0	32			8	4	0	8	40

Table 14I-10d (con'd): La Poile Caribou Herd group composition classification surveys, April 6 and 7, 1988.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			4						31	0	35			6	5	0	6	41
			1						17	1	19			6	3	3	6	25
			12						22	0	34			2			2	36
			3						13	1	17			19	7	9	19	36
			10						28	0	38			4	3	0	4	42
			11						25	5	41			4	0	3	4	45
			6						11	0	17			3	1	2	3	20
			14						3	0	17			3	2	1	3	20
			6						12	0	18			9	3	6	9	27
			1						16	0	17			3	1	1	3	20
			1						16	0	17			3	1	2	3	20
			0						20	4	24			8	4	3	8	32
			1						13	0	14			5	1	4	5	19
			1						7	3	11			2	2	0	2	13
			0						9	0	9			4	2	1	4	13
			13						1	0	14			0			0	14
			0						12	0	12			1	0	1	1	13
			1						9	0	10			2	1	0	2	12
			0						11	0	11			2	0	1	2	13
			1						8	0	9			5	2	2	5	14
			2						8	0	10			2	1	1	2	12
			4						6	0	10			2	0	2	2	12
			3						10	0	13			1	1	0	1	14
			0						11	0	11			2			2	13
			0						8	0	8			4	2	1	4	12
			3						7	0	10			2	1	0	2	12
			4						7	2	13			3	1	2	3	16
			0						10	0	10			1	0	1	1	11
			0						6	0	6			5	1	4	5	11
			0						8	0	8			5	1	3	5	13
			1						10	0	11			3	2	1	3	14
			0						10	0	10			5	1	2	5	15
			0						12	0	12			3	0	3	3	15
			0						7	2	9			2	0	1	2	11
			4						4	0	8			2	1	1	2	10
			0						5	0	5			5	3	2	5	10
			0						7	0	7			3	1	2	3	10
			0						10	0	10			0			0	10
			0						5	1	6			4	0	4	4	10
			1						5	0	6			4	2	2	4	10
			3						2	0	5			3	2	1	3	8
			3						1	0	4			4	1	3	4	8
			0						7	0	7			1	0	1	1	8
			1						5	0	6			2	1	1	2	8
			1						4	0	5			4	2	2	4	9
			1						6	0	7			2			2	9
			0						5	0	5			4	1	3	4	9

Table 14I-10d (con'd): La Poile Caribou Herd group composition classification surveys, April 6 and 7, 1988.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			4						4	0	8			0			0	8
			0						5	2	7			2	1	0	2	9
			1						6	0	7			3	2	1	3	10
			3						5	0	8			0			0	8
			1						7	0	8			0			0	8
			3						4	0	7			3	2	1	3	10
			1						4	0	5			3	1	2	3	8
			0						5	0	5			3	0	3	3	8
			0						4	0	4			4	4	0	4	8
			0						4	0	4			4	2	2	4	8
			4						2	0	6			2	1	1	2	8
			1						4	0	5			3	0	3	3	8
			2						2	0	4			6	2	4	6	10
			6						0	0	6			2	0	2	2	8
			3						6	0	9			1			1	10
			0						7	0	7			1	1	0	1	8
			4						1	0	5			2	1	1	2	7
			1						0	0	1			6	5	1	6	7
			2						3	0	5			2	1	1	2	7
			0						4	1	5			2	0	2	2	7
			1						3	0	4			3	2	1	3	7
			5						2	0	7			0			0	7
			1						4	0	5			2	0	2	2	7
			1						2	0	3			4	4	0	4	7
			0						6	0	6			1	0	1	1	7
			3						3	0	6			1	1	0	1	7
			1						3	0	4			3	2	1	3	7
			4						2	0	6			1	1	0	1	7
			3						1	0	4			1	1	0	1	5
			0						2	0	2			3	2	1	3	5
			4						1	0	5			0			0	5
			4						0	0	4			2	0	2	2	6
			3						2	0	5			1	0	1	1	6
			0						6	0	6			0			0	6
			0						3	0	3			3	3	0	3	6
			0						3	0	3			3	0	3	3	6
			0						4	0	4			2	0	2	2	6
			0						3	0	3			3	1	2	3	6
			5						0	0	5			1	1	0	1	6
			4						0	0	4			2	1	1	2	6
			0						4	0	4			1			1	5
			1						2	0	3			2	2	0	2	5
			0						3	0	3			2	1	1	2	5
			0						3	0	3			2	1	1	2	5
			0						2	0	2			3	0	3	3	5
			0						2	0	2			3	1	2	3	5
			0						4	0	4			1	1	0	1	5

Table 14I-10d (con'd): La Poile Caribou Herd group composition classification surveys, April 6 and 7, 1988.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						5	0	5			0			0	5
			0						1	0	1			4	2	2	4	5
			4						1	0	5			0			0	5
			0						3	0	3			2	1	1	2	5
			0						1	0	1			3	2	1	3	4
			1						3	0	4			1	0	1	1	5
			0						2	0	2			2	0	2	2	4
			1						3	0	4			1	0	1	1	5
			0						4	0	4			0			0	4
			0						4	0	4			1	0	1	1	5
			4						0	0	4			0			0	4
			0						4	0	4			0			0	4
			3						0	0	3			1	0	1	1	4
			0						3	0	3			1	0	1	1	4
			0						4	0	4			0			0	4
			2						3	0	5			0			0	5
			0						4	0	4			0			0	4
			2						1	0	3			1	0	1	1	4
			0						3	0	3			1	1	0	1	4
			2						2	0	4			1	0	1	1	5
			0						1	0	1			3	0	3	3	4
			0						3	0	3			1	1	0	1	4
			0						4	0	4			1	0	1	1	5
			0						4	0	4			0			0	4
			1						0	0	1			3	2	1	3	4
			1						3	0	4			0			0	4
			1						2	0	3			1	0	1	1	4
			0						2	0	2			2	1	1	2	4
			0						3	0	3			1	0	1	1	4
			0						2	0	2			1	0	1	1	3
			3						0	0	3			0			0	3
			0						3	0	3			0			0	3
			0						1	0	1			2	2	0	2	3
			0						0	0	0			3	2	1	3	3
			2						1	0	3			0			0	3
			0						3	0	3			0			0	3
			0						2	0	2			1	1	0	1	3
			1						0	0	1			2	1	1	2	3
			0						2	0	2			1	1	0	1	3
			1						1	0	2			1	1	0	1	3
			1						1	0	2			1			1	3
			0						2	0	2			1	0	1	1	3
			319						1177	0	1558			489	206	203	489	2047

Table 14I-10e: La Poile Caribou Herd group composition from classification surveys, April 25, 1989.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			50						40	0	90			101	50	50	101	191
			0						50	0	50			0			0	50
			40						50	0	90			100	50	50	100	190
			0						50	0	50			0			0	50
			0						50	0	50			0			0	50
			0						40	0	40			0			0	40
			0						40	0	40			0			0	40
			30						50	0	80			62	35	27	62	142
			40						50	0	90			14	14	0	14	104
			0						50	0	50			0			0	50
			38						60	0	98			0			0	98
			0						10	0	10			0			0	10
			198						540	0	738			277	149	127	277	1015

Table 14I-10f: La Poile Caribou Herd group composition from classification surveys, December 5, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						2	0	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			1						11	0	12			0	1	7	8	20
			1						9	0	10			0	3	7	10	20
			3						14	0	17			0	7	5	12	29
			2						8	0	10			0	3	8	11	21
			2						12	0	14			0	4	4	8	22
			7						12	0	19			0	2	3	5	24
			4						11	0	15			0	4	5	9	24
			4						10	0	14			0	1	3	5	19
			3						15	0	18			0	3	5	8	26
			5						9	0	14			0	2	0	2	16
			1						9	0	10			0	0	6	6	16
			1						8	0	9			0	2	7	9	18
			1						8	0	9			0	4	3	7	16
			3						9	0	12			0	2	4	6	18
			5						6	0	11			0	2	2	4	15
			3						7	0	10			0	2	0	2	12
			0						9	0	9			0	1	5	6	15
			0						7	0	7			0	0	5	5	12
			0						7	0	7			0	1	4	5	12
			1						6	0	7			0	1	5	6	13
			6						2	0	8			0	3	2	5	13
			0						8	0	8			0	1	4	5	13
			3						6	0	9			0	2	3	5	14
			3						5	0	8			0	1	2	3	11
			0						8	0	8			0	2	5	7	15
			1						8	0	9			0	2	4	6	15
			0						7	0	7			0	3	0	4	11
			1						9	0	10			0	2	2	4	14
			1						5	0	6			0	1	8	9	15
			2						7	0	9			0	1	1	2	11
			0						7	0	7			0	2	2	4	11
			0						9	0	9			0	1	1	2	11
			0						3	0	3			0	3	2	5	8
			0						3	0	3			0	2	3	5	8
			1						3	0	4			0	1	3	4	8
			2						4	0	6			0	1	2	3	9
			0						5	0	5			0	0	3	3	8
			0						3	0	3			0	2	3	5	8
			1						5	0	6			0	1	2	3	9
			0						4	0	4			0	2	3	5	9
			2						2	0	4			0	3	2	5	9
			0						6	0	6			0	1	3	4	10
			0						5	0	5			0	1	4	5	10
			0						6	0	6			0	2	2	4	10

Table 14I-10f (con'd): La Poile Caribou Herd group composition from classification surveys, December 5, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						6	0	7			0	0	3	3	10
			1						2	0	3			0	1	3	5	8
			1						4	0	5			0	0	3	3	8
			1						5	0	6			0	1	3	4	10
			1						4	0	5			0	0	3	3	8
			1						4	0	5			0	1	3	4	9
			0						4	0	4			0	0	3	3	7
			0						4	0	4			0	0	3	3	7
			0						3	0	3			0	2	2	4	7
			0						3	0	3			0	1	2	4	7
			0						4	0	4			0	0	3	3	7
			0						4	0	4			0	1	2	3	7
			0						4	0	4			0	2	1	3	7
			0						3	0	3			0	2	2	4	7
			1						3	0	4			0	2	1	3	7
			3						3	0	6			0	0	1	1	7
			2						3	0	5			0	1	1	2	7
			1						3	0	4			0	2	1	3	7
			0						5	0	5			0	0	2	2	7
			0						4	0	4			0	0	1	2	6
			1						3	0	4			0	0	1	2	6
			0						3	0	3			0	1	2	3	6
			0						3	0	3			0	1	2	3	6
			0						3	0	3			0	1	2	3	6
			0						2	0	2			0	1	3	4	6
			0						3	0	3			0	1	2	3	6
			0						2	0	2			0	2	2	4	6
			0						2	0	2			0	2	2	4	6
			2						2	0	4			0	1	1	2	6
			1						1	0	2			0	1	3	4	6
			1						3	0	4			0			1	5
			2						1	0	3			0	0	2	2	5
			0						4	0	4			0	0	1	1	5
			1						2	0	3			0	1	1	2	5
			1						2	0	3			0	1	1	2	5
			0						4	0	4			0	1	0	1	5
			0						2	0	2			0	0	3	3	5
			0						2	0	2			0	0	2	2	4
			0						3	0	3			0	1	0	1	4
			0						2	0	2			0	1	1	2	4
			0						2	0	2			0	1	1	2	4
			0						2	0	2			0	1	1	2	4
			0						3	0	3			0	0	1	1	4
			0						3	0	3			0	0	1	1	4
			0						1	0	1			0	0	2	2	3
			0						1	0	1			0	1	1	2	3
			0						1	0	1			0	2	0	2	3
			0						1	0	1			0	0	2	2	3
			0						3	0	3			0			0	3
			0						2	0	2			0	0	1	1	3

Table 14I-10f (con'd): La Poile Caribou Herd group composition from classification surveys, December 5, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						3	0	3			0			0	3
			0						1	0	1			0	1	1	2	3
			0						0	0	0			0	2	1	3	3
			0						2	0	2			0	0	1	1	3
			0						2	0	2			0	0	1	1	3
			94						474	0	568			0	127	244	378	946

Table 14I-10g: La Poile Caribou Herd group composition from classification surveys, December 16, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						20	0	20			0	9	8	17	37
			6						20	0	26			0	10	3	13	39
			0						22	0	22			0			1	23
			0						20	0	20			0	10	6	16	36
			0						20	0	20			0	6	0	6	26
			10						20	0	30			0	10	10	23	53
			6						20	0	26			0	10	10	20	46
			0						20	0	20			0			0	20
			0						20	0	20			0			0	20
			10						20	0	30			0	10	10	20	50
			10						23	0	33			0	10	10	20	53
			10						20	0	30			0	2	1	3	33
			10						20	0	30			0	10	10	20	50
			0						6	0	6			0			0	6
			0						3	0	3			0			0	3
			62						274	0	336			0	87	68	159	495

Table 14I-10h: La Poile Caribou Herd group composition from classification surveys, October 13, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			1						0	0	1			0			0	1
			2						11	0	13			0	4	1	5	18
			9						2	0	11			0	5	0	5	16
			3						17	0	20			0	1	3	4	24
			1						17	0	18			0	0	1	1	19
			4						11	0	15			0	4	1	5	20
			2						26	0	28			0	1	1	2	30
			8						21	0	29			0	0	6	7	36
			4						19	0	23			0	0	2	2	25
			4						12	0	16			0	3	4	7	23
			5						22	0	27			0	2	2	4	31
			17						19	0	36			0	3	1	4	40
			3						28	0	31			0			0	31
			8						28	0	36			0	1	4	5	41
			6						9	0	15			0	0	2	2	17
			3						10	0	13			0	1	3	4	17
			3						23	0	26			0	7	2	10	36
			8						18	0	26			0	1	0	1	27
			4						26	0	30			0	9	6	16	46
			3						9	0	12			0	2	3	5	17
			3						5	0	8			0	1	3	4	12
			2						7	0	9			0	0	3	3	12
			4						9	0	13			0	1	1	2	15
			4						7	0	11			0	0	1	1	12
			3						8	0	11			0	1	1	2	13
			3						12	0	15			0			0	15
			4						7	0	11			0	1	1	2	13
			4						7	1	12			0	3	0	3	15
			5						3	0	8			0	2	3	5	13
			2						8	0	10			0	0	2	2	12
			1						13	0	14			0			0	14
			2						6	0	8			0	1	2	3	11
			3						4	0	7			0	1	3	4	11
			3						4	0	7			0	1	3	4	11
			1						7	0	8			0	0	2	3	11
			3						9	0	12			0	2	0	2	14
			2						10	0	12			0	2	0	2	14
			3						8	0	11			0	1	2	3	14
			1						10	0	11			0			0	11
			1						4	0	5			0	2	1	3	8
			1						5	0	6			0	1	1	2	8
			1						4	0	5			0	1	2	3	8
			3						4	0	7			0	2	1	3	10
			1						3	1	5			0	2	1	3	8
			2						5	0	7			0	1	0	1	8
			2						4	1	7			0	0	1	1	8

Table 14I-10h (con'd): La Poile Caribou Herd group composition from classification surveys, October 13, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						4	0	5			0	1	1	2	7
			2						3	0	5			0	1	1	2	7
			2						3	0	5			0	2	0	2	7
			0						4	0	4			0	3	0	3	7
			1						4	0	5			0	2	0	2	7
			4						2	0	6			0	0	1	1	7
			0						4	0	4			0	1	1	2	6
			4						1	0	5			0	1	0	1	6
			4						1	0	5			0	0	1	1	6
			0						5	0	5			0	1	0	1	6
			2						3	0	5			0	0	1	1	6
			2						3	0	5			0	1	0	1	6
			2						3	0	5			0	0	1	1	6
			1						3	0	4			0	0	1	1	5
			1						2	0	3			0			2	5
			0						3	1	4			0	1	0	1	5
			0						3	0	3			0	1	1	2	5
			1						2	0	3			0	1	1	2	5
			1						2	1	4			0	0	1	1	5
			1						3	0	4			0	0	1	1	5
			1						2	0	3			0	1	1	2	5
			1						2	0	3			0	0	1	1	4
			2						1	0	3			0	0	1	1	4
			1						2	0	3			0	1	0	1	4
			1						2	0	3			0	0	1	1	4
			2						1	0	3			0	0	1	1	4
			0						2	0	2			0	2	0	2	4
			0						3	0	3			0	0	1	1	4
			0						2	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			0						2	0	2			0	0	1	1	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			206						589	5	800			0	93	100	199	999

Table 14I-10i: La Poile Caribou Herd group composition from classification surveys, October 13, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			1						1	0	2			0			0	2
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			3						12	0	15			0	1	0	1	16
			8						15	0	23			0	5	4	9	32
			5						21	0	26			0			1	27
			2						12	0	14			0	0	2	2	16
			4						7	0	11			0	0	2	2	13

Table 14I-10i (con'd): La Poile Caribou Herd group composition from classification surveys, October 13, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			3						4	0	7			0	1	1	2	9
			2						6	0	8			0	0	1	1	9
			1						6	0	7			0	0	1	1	8
			2						4	0	6			0	2	0	2	8
			1						6	0	7			0	0	2	2	9
			4						2	0	6			0	1	1	2	8
			2						5	0	7			0	1	1	2	9
			3						5	0	8			0	0	1	1	9
			3						3	0	6			0	0	3	3	9
			2						4	0	6			0	1	0	1	7
			2						3	0	5			0	0	2	2	7
			1						5	0	6			0	0	1	1	7
			1						4	0	5			0	1	1	2	7
			4						2	0	6			0	0	1	1	7
			1						4	0	5			0	0	1	2	7
			2						2	0	4			0	0	1	1	5
			2						2	0	4			0	1	0	1	5
			2						2	0	4			0	1	0	1	5
			2						2	0	4			0	0	1	1	5
			2						2	0	4			0	0	1	1	5
			2						1	0	3			0	0	2	2	5
			1						4	0	5			0	1	0	1	6
			1						3	0	4			0	0	1	2	6
			2						3	0	5			0	0	1	1	6
			1						4	0	5			0	0	1	1	6
			1						3	0	4			0	0	2	2	6
			3						2	0	5			0	0	1	1	6
			1						3	0	4			0	1	1	2	6
			2						3	0	5			0	0	1	1	6
			2						3	0	5			0	0	1	1	6
			2						3	0	5			0	0	1	1	6
			1						2	0	3			0	2	0	2	5
			0						4	0	4			0	1	0	1	5
			1						2	0	3			0	2	0	2	5
			1						3	0	4			0	1	0	1	5
			1						2	0	3			0	0	2	2	5
			1						2	0	3			0	0	2	2	5
			2						2	0	4			0			0	4
			1						2	0	3			0	0	1	1	4
			1						2	0	3			0	0	1	1	4
			1						2	0	3			0	0	1	1	4
			1						3	0	4			0			0	4
			1						3	0	4			0			0	4
			1						3	0	4			0			0	4
			2						1	0	3			0	0	1	1	4
			2						1	0	3			0	1	0	1	4
			2						2	0	4			0			0	4
			0						2	0	2			0	0	2	2	4
			0						3	0	3			0	0	1	1	4
			1						2	0	3			0	0	1	1	4

Table 14I-10i (con'd): La Poile Caribou Herd group composition from classification surveys, October 13, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						2	0	3			0	1	0	1	4
			1						2	0	3			0	1	0	1	4
			0						2	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			1						1	0	2			0	1	0	1	3
			0						2	0	2			0	0	1	1	3
			0						3	0	3			0			0	3
			2						1	0	3			0			0	3
			0						2	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			2						0	0	2			0	1	0	1	3
			138						293	0	431			0	38	74	116	547

Table 14I-10j: La Poile Caribou Herd group composition from classification surveys, June 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			1	0	0	1	0	1			1			0	2
			0			2	0	0	2	0	2			0			0	2
			1			1	0	0	1	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			1	0	0	1	0	1			1			0	2
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			15	0	2	17	0	17			1			0	18
			6			6	0	4	10	0	16			5			0	21
			0			29	4	1	34	0	34			1			0	35
			10			10	2	6	18	0	28			9			0	37
			1			14	0	3	17	0	18			1			0	19
			0			12	0	2	14	0	14			2			0	16
			3			4	1	4	9	0	12			4			0	16
			1			16	2	3	21	0	22			4			0	26
			0			8	1	3	12	0	12			4			0	16
			4			1	1	0	2	0	6			6			0	12
			0			5	0	2	7	0	7			4			0	11
			0			5	1	4	10	0	10			1			0	11
			0			3	4	7	14	0	14			1			0	15
			0			6	1	0	7	0	7			4			0	11
			0			5	0	4	9	0	9			6			0	15
			3			6	0	3	9	0	12			4			0	16
			0			9	0	3	12	0	12			2			0	14
			2			1	0	8	9	0	11			5			0	16
			9			2	0	1	3	0	12			2			0	14
			4			2	1	4	7	0	11			1			0	12
			1			5	0	5	10	0	11			3			0	14
			0			7	0	3	10	0	10			2			0	12
			0			7	0	1	8	0	8			2			0	10
			3			3	0	1	4	0	7			1			0	8
			1			3	1	2	6	0	7			1			0	8
			0			4	0	4	8	0	8			1			0	9
			1			5	0	2	7	0	8			2			0	10
			1			4	0	1	5	0	6			1			0	7
			0			3	0	1	4	0	4			3			0	7
			3			1	1	0	2	0	5			0			0	5
			0			2	0	2	4	0	4			2			0	6
			0			1	0	3	4	0	4			1			0	5
			0			1	0	3	4	0	4			1			0	5
			1			2	1	0	3	0	4			2			0	6
			0			4	0	1	5	0	5			1			0	6
			0			1	0	1	2	0	2			4			0	6
			1			5	0	0	5	0	6			0			0	6
			1			2	0	1	3	0	4			2			0	6
			1			3	1	0	4	0	5			1			0	6

Table 14I-10j (con'd): La Poile Caribou Herd group composition from classification surveys , June 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1			2	0	2	4	0	5			1			0	6
			0			3	0	0	3	0	3			1			0	4
			0			3	0	1	4	0	4			0			0	4
			1			1	0	2	3	0	4			0			0	4
			0					2	2	0	2			2			0	4
			2			2	0	0	2	0	4			0			0	4
			1						0	0	1			2			0	3
			0			2	1	0	3	0	3			0			0	3
			0			1	0	1	2	1	3			0			0	3
			0			0	1	0	1	0	1			2			0	3
			1			2	0	0	2	0	3			0			0	3
			0			1	0	2	3	0	3			0			0	3
			0			2	0	1	3	0	3			0			0	3
			2					1	1	0	3			0			0	3
			1						0	0	1			2			0	3
			1			0	1	1	2	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			70			258	26	108	392	1	463			109			0	572

Table 14I-10k: La Poile Caribou Herd group composition from classification surveys, October 29, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0	1	1				2	0	2			0			0	2
			0	0	2				2	0	2			0			0	2
1			1	0	1				1	0	2			0			0	2
	1		1	1	0				1	0	2			0			0	2
			1	0	1				1	0	2			0			0	2
		1	1						0	0	1			0			0	1
			0	0	1				1	0	1			0			0	1
			0	1	0				1	0	1			0			0	1
3	1	3	8	6	17				23	0	31			0	4	4	9	40
	1	3	6	1	9				10	0	16			0	4	2	6	22
2	3	1	7	2	9				11	0	18			0	1	3	4	22
1	3	3	7	2	13				15	0	22			0	3	3	7	29
4	1	3	8	1	7				8	0	16			0	1	2	3	19
3	1	3	7	5	19				24	0	31			0	4	0	4	35
1	2		3	5	5				10	0	13			0	3	0	3	16
	1	1	2	3	14				17	0	19			0	1	4	5	24
1	3		4	2	8				10	0	14			0	1	2	3	17
2	3	3	9	0	11				11	0	20			0	3	2	5	25
2	2	3	7	2	16				18	0	25			0	1	2	4	29
2	2	3	8	2	12				14	0	22			0	2	5	7	29
	4	4	9	1	10				11	0	20			0	4	2	6	26
1		3	4	2	8				10	0	14			0	4	2	6	20
1	1	1	4	5	18				23	0	27			0	3	4	7	34
1			1	4	10				14	0	15			0	0	3	3	18
3	2	2	7	4	6				10	0	17			0	4	1	5	22
3		1	4	1	7				8	2	14			0	1	3	4	18
	2	1	3	2	3				5	0	8			0	2	1	3	11
		1	1	2	10				12	0	13			0	2	1	3	16
2		1	3	2	8				10	0	13			0	1	1	2	15
		1	1	3	6				9	0	10			0	1	2	3	13
2			2	0	6				6	0	8			0	0	3	3	11
1		1	2	0	6				6	0	8			0	2	1	3	11
1	1		2	0	6				6	0	8			0	2	1	3	11
1			1	1	8				9	0	10			0	1	2	3	13
	1		2	0	6				6	0	8			0	2	4	6	14
2		1	3	2	6				8	0	11			0	0	2	2	13
3		1	4	1	4				5	0	9			0	3	1	4	13
1	1		2	2	6				8	0	10			0	1	1	2	12
	1		1	2	7				9	0	10			0	2	0	2	12
1	1		2	1	3				4	0	6			0	3	0	3	9
1		1	2	1	3				4	0	6			0	0	2	2	8
1		2	3	2	2				4	0	7			0	1	0	1	8
		1	3	1	4				5	0	8			0	1	1	2	10
1	1	1	3	1	5				6	0	9			0	0	1	1	10
		1	1	0	6				6	0	7			0	1	2	3	10
	2	1	3	1	3				4	0	7			0	0	1	1	8
	1	2	3	0	3				3	0	6			0	1	1	2	8
	1	3	4	1	3				4	0	8			0	2	0	2	10
	1		1	1	6				7	0	8			0	0	2	2	10
			0	1	6				7	0	7			0	0	1	1	8
2	1	1	4	2	1				3	0	7			0	2	0	2	9

Table 14I-10k (con'd): La Poile Caribou Herd group composition from classification surveys, October 29, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
		1	1	3	3				6	0	7			0	1	1	2	9
1			2	0	5				5	0	7			0	1	1	2	9
1			1	2	5				7	0	8			0	1	0	1	9
1		4	3	0	3				5	0	8			0	1	1	2	10
			0	2	4				6	0	6			0	0	1	1	7
1			1	3	3				6	0	7			0			0	7
	1	1	2	0	4				4	0	6			0	0	1	1	7
1		1	2	1	3				4	0	6			0	0	1	1	7
		2	2	0	3				3	0	5			0	1	1	2	7
	2	1	3	3	1				4	0	7			0			0	7
1		1	2	0	3				3	0	5			0	0	2	2	7
	1	1	3	0	3				3	0	6			0	1	0	1	7
			0	1	5				6	0	6			0			0	6
	1		1	2	2				4	0	5			0	0	1	1	6
1			1	4	0				4	0	5			0	1	0	1	6
	1		1	1	2				3	0	4			0	0	2	2	6
		1	2	0	4				4	0	6			0			0	6
	1		1	1	2				3	0	4			0	2	0	2	6
1		1	2	0	3				3	0	5			0			1	6
	1		2	1	2				3	0	5			0			0	5
		2	2	0	2				2	0	4			0	1	0	1	5
	2	3	5						0	0	5			0			0	5
			1	1	2				3	0	4			0	0	1	1	5
	1		1	0	3				3	0	4			0	0	1	1	5
1			1	1	3				4	0	5			0			0	5
1			1	1	1				2	1	4			0			1	5
1			1	1	2				3	0	4			0	0	1	1	5
1		1	2	1	0				1	0	3			0	0	1	1	4
			0	0	2				2	0	2			0	1	1	2	4
			0	3	0				3	0	3			0	0	1	1	4
			0	2	2				4	0	4			0			0	4
			0	1	2				3	0	3			0			1	4
			0	1	3				4	0	4			0			0	4
	1		1	0	2				2	0	3			0	1	0	1	4
		2	2	0	2				2	0	4			0			0	4
	2		2	1	0				1	0	3			0			0	3
	1		1	0	1				1	0	2			0	1	0	1	3
1			1	0	1				1	0	2			0	0	1	1	3
63	60	80	218	117	420				539	3	760			0	87	94	187	947

Table 14I-10l: La Poile Caribou Herd group composition from classification surveys, November 7, 1997.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0	0	2				2	0	2			0			0	2
			0	0	1				1	0	1			0	0	1	1	2
			0	0	1				1	0	1			0	0	1	1	2
			0	1	0				1	0	1			0	0	1	1	2
			0	0	2				2	0	2			0			0	2
			0	0	2				2	0	2			0			0	2
			0	0	2				2	0	2			0			0	2
		1	1	1	0				1	0	2			0			0	2
1			1	0	1				1	0	2			0			0	2
			0	0	1				1	0	1			0	0	1	1	2
			0	0	1				1	0	1			0	1	0	1	2
			0	1	0				1	0	1			0	1	0	1	2
1			1						0	0	1			0			0	1
			0	1	0				1	0	1			0			0	1
			0	0	1				1	0	1			0			0	1
			0	0	1				1	0	1			0			0	1
			0	0	1				1	0	1			0			0	1
1	1	2	4	2	10				12	0	16			0	1	2	3	19
1	1	1	3	2	15				17	0	20			0	2	2	4	24
1	1	1	3	2	18				20	0	23			0	2	2	4	27
1	1	3	5	4	4				8	0	13			0			0	13
	2	2	4	1	5				6	0	10			0	2	1	4	14
	1	1	2	1	9				10	0	12			0	0	2	2	14
1	2	3	6	1	4				5	0	11			0	0	2	2	13
	2	3	5	0	8				8	0	13			0			0	13
	1	2	3	2	7				9	0	12			0	1	0	1	13
			0	1	8				9	0	9			0	1	2	3	12
1	1		2	4	6				10	0	12			0	1	2	3	15
		2	2	4	6				10	0	12			0	1	1	2	14
1	2	3	6	1	3				4	0	10			0			0	10
1	1	3	5	3	2				5	0	10			0			0	10
	1	1	2	0	6				6	0	8			0	1	0	1	9
1			1	0	7				7	0	8			0			0	8
1		2	3	1	4				5	0	8			0	1	0	1	9
1			1	1	4				5	0	6			0	0	1	2	8
		1	1	1	6				7	0	8			0	0	1	1	9
		3	3	0	4				4	0	7			0			1	8
1			1	2	4				6	0	7			0	1	1	2	9
1	1	1	3	2	3				5	0	8			0			0	8
		1	1	2	3				5	0	6			0	1	1	2	8
	1		1	1	3				4	0	5			0	0	2	2	7
1			1	1	5				6	0	7			0			0	7
			0	1	5				6	0	6			0	0	1	1	7
		1	1	0	4				4	0	5			0	1	1	2	7
1		2	3	0	4				4	0	7			0			0	7
		1	1	0	3				3	0	4			0	1	1	2	6
			0	2	3				5	0	5			0	1	0	1	6
			0	1	4				5	0	5			0			1	6
			0	0	5				5	0	5			0	1	0	1	6
1			1	1	3				4	0	5			0	0	1	1	6
1			1	1	3				4	0	5			0	0	1	1	6

Table 14I-10l (con'd): La Poile Caribou Herd group composition from classification surveys, November 7, 1997.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
		1	1	1	2				3	0	4			0	1	0	2	6
			0	1	2				3	0	3			0	0	2	3	6
	1		1	0	4				4	0	5			0	0	1	1	6
		2	2	2	1				3	0	5			0	0	1	1	6
			0	0	4				4	0	4			0	0	1	1	5
			0	1	2				3	0	3			0	0	2	2	5
		1	1	1	2				3	0	4			0			1	5
		1	1	1	2				3	0	4			0	0	1	1	5
		1	1	0	2				2	0	3			0	1	1	2	5
1			1	0	2				2	0	3			0	2	0	2	5
1			1	1	1				2	0	3			0	0	2	2	5
		1	1	1	3				4	0	5			0			0	5
1		1	2	1	2				3	0	5			0			0	5
1	1		2	0	3				3	0	5			0			0	5
			0	1	2				3	0	3			0			1	4
			0	0	3				3	0	3			0	0	1	1	4
		2	2	0	2				2	0	4			0			0	4
			0	1	2				3	0	3			0	0	1	1	4
			0	2	2				4	0	4			0			0	4
			0	2	2				4	0	4			0			0	4
			0	0	2				2	0	2			0	0	2	2	4
			0	1	1				2	0	2			0	2	0	2	4
	1		1	1	2				3	0	4			0			0	4
1			1	1	2				3	0	4			0			0	4
			0	1	2				3	0	3			0			0	3
		1	1	0	1				1	0	2			0	0	1	1	3
1			1	1	1				2	0	3			0			0	3
			0	0	3				3	0	3			0			0	3
			0	0	3				3	0	3			0			0	3
			0	0	3				3	0	3			0			0	3
			0	0	3				3	0	3			0			0	3
			0	2	0				2	0	2			0	0	1	1	3
25	22	51	98	72	272				344	0	442			0	27	48	83	525

Table 14I-11a: Merasheen Island Caribou Herd group composition from classification surveys, May 26, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						0	0	0	1	0	1			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						6	0	7	0	0	1			0	8
			1						4	1	6			0			0	6
			1						2	1	4			0			0	4
			0						2	0	2	1	0	1			0	3
			1						2	0	3			0			0	3
			0						2	0	2	1	0	1			0	3
			0						2	0	2	0	1	1			0	3
			0						1	1	2	1	0	1			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						2	0	2			0			1	3
			0						2	0	2	1	0	1			0	3
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			0						1	1	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1	1	0	1			0	2
			0						1	0	1			0			1	2

Table 14I-11a (con'd): Merasheen Island Caribou Herd group composition from classification surveys, May 26, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1	0	1	1			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0			1	2
			1						1	0	2			0			0	2
			21						62	8	91	6	4	11			4	106

Table 14I-11b: Merasheen Island Caribou Herd group composition from classification surveys, October 20, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
			0						1	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
			0						0	1	1			0			0	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
1	1	2	4						4	1	9			0	1	0	2	11
1		1	2						6	0	8			0	2	0	2	10
1	1		2						4	0	6			0	0	2	2	8
1	1	2	4						3	0	7			0	1	0	1	8
		1	1						4	0	5			0	0	1	1	6
		2	2						3	1	6			0			0	6
	1		1						3	0	4			0	0	2	2	6
1	1	1	3						2	0	5			0	1	0	1	6
			0						6	0	6			0	1	0	1	7
1			1						5	1	7			0			0	7
1		1	2						5	0	7			0			0	7
1		1	2						2	0	4			0	1	0	1	5
	1	1	2						2	1	5			0			0	5
			0						4	0	4			0	1	0	1	5
	1		1						2	0	3			0	1	1	2	5
	1		1						4	0	5			0			0	5
	1		1						2	0	3			0	0	2	2	5
1			1						2	0	3			0	0	2	2	5
1		1	2						1	0	3			0	1	0	1	4
2			2						1	1	4			0			0	4
	1	1	2						1	0	3			0	1	0	1	4
1			1						2	0	3			0			1	4
1			1						2	0	3			0	1	0	1	4
1			1						3	0	4			0			0	4
			0						2	0	2			0	1	0	2	4
1			1						2	0	3			0			0	3
1			1						2	0	3			0			0	3
		1	1						1	0	2			0	1	0	1	3
1			1						1	0	2			0	0	1	1	3
			0						2	0	2			0	0	1	1	3
			0						0	3	3			0			0	3

Table 14I-11b (con'd): Merasheen Island Caribou Herd group composition from classification surveys, October 20, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
	1	1	2						1	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						2	0	2			0	1	0	1	3
		1	1						1	0	2			0	0	1	1	3
		2	2						0	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
1			1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0			1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
22	14	20	??						120	12	188			0	22	15	41	229

Table 14I-12a: Middle Ridge Caribou Herd group composition from classification surveys, June 3 and 5, 1966.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			1			0	2
			0						1	0	1			1			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			1			0	1
			0						10	0	10			2			16	28
			0						21	0	21			3			15	39
			0						11	0	11			3			9	23
			0						8	0	8			1			7	16
			0						6	0	6			1			4	11
			0						6	0	6			2			4	12
			0						6	0	6			2			2	10
			0						2	0	2			3			2	7
			0						4	0	4			0			3	7
			0						4	0	4			1			2	7
			1						3	0	4			0			2	6
			0						1	0	1			4			1	6
			0						3	0	3			0			3	6
			0						3	0	3			2			0	5
			0						3	0	3			1			1	5
			0						3	0	3			1			0	4
			0						2	0	2			0			2	4
			0						1	0	1			2			0	3
			0						1	0	1			1			1	3
			1						110	0	111			32			77	220

Table 14I-12b: Middle Ridge Caribou Herd group composition from classification surveys, June 3 and 5, 1968.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						2	0	2			0			0	2
			0						1	0	1			1			0	2
			0						1	0	1			1			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			0	1
			0						13	0	13			3			10	26
			4						12	0	16			0			10	26
			0						11	0	11			1			9	21
			7						8	0	15			0			0	15
			0						8	0	8			0			6	14
			0						9	0	9			1			6	16
			0						6	0	6			0			6	12
			0						7	0	7			0			6	13
			0						4	0	4			1			4	9
			0						7	0	7			0			3	10
			0						5	0	5			0			3	8
			0						4	0	4			0			2	6
			0						3	0	3			1			2	6
			0						3	0	3			1			1	5
			0						2	0	2			1			2	5
			0						4	0	4			0			1	5
			0						2	0	2			1			2	5
			0						2	0	2			0			2	4
			0						3	0	3			0			1	4
			1						2	0	3			0			1	4
			0						2	0	2			0			2	4
			0						2	0	2			0			1	3
			0						2	0	2			1			0	3
			0						3	0	3			0			0	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			12						137	0	149			13			86	248

Table 14I-12c: Middle Ridge Caribou Herd group composition from classification surveys, June 5, 1970.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						24	0	26			5			15	46
			4						26	0	30			1			17	48
			3						24	0	27			6			13	46
			0						20	0	20			5			15	40
			2						16	0	18			5			10	33
			1						17	0	18			2			11	31
			1						13	0	14			4			7	25
			13						140	0	153			28			88	269

Table 14I-12d: Middle Ridge Caribou Herd group composition from classification surveys, October 26 & 27, 1991.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			2						0	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			0	0	1	1	1
			0						0	0	0			0	1	0	1	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			0	0	1	1	1
			0						1	0	1			0			0	1
			0						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			0	0	1	1	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	1	1			0			0	1
			0						0	0	0			0	0	1	1	1
			1						0	0	1			0			0	1
			0						7	0	8			0	2	2	4	12
			4						4	0	8			0	2	2	4	12
			5						7	0	12			0	2	2	4	16
			1						6	0	7			0	3	1	4	11
			0						4	0	4			0	2	2	4	8
			3						5	0	8			0	0	2	2	10
			4						4	0	8			0			0	8
			3						5	0	8			0	1	1	2	10
			1						5	0	6			0	1	1	2	8
			0						5	0	5			0	1	2	3	8
			3						5	0	8			0	0	2	2	10
			2						3	0	5			0	1	1	2	7
			1						5	0	6			0	0	1	1	7
			3						3	0	6			0	0	1	1	7
			1						4	0	5			0	1	1	2	7
			1						3	0	4			0	0	2	2	6

Table 14I-12d (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 26 & 27, 1991.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						4	0	4			0	1	1	2	6
			3						2	0	5			0	1	0	1	6
			2						4	0	6			0			0	6
			2						3	0	5			0	1	0	1	6
			1						1	0	2			0	2	2	4	6
			1						3	0	4			0	1	1	2	6
			1						3	0	4			0	0	1	1	5
			0						3	0	3			0	1	1	2	5
			1						4	0	5			0			0	5
			1						2	0	3			0	2	0	2	5
			0						4	0	4			0	1	0	1	5
			0						4	0	4			0	1	0	1	5
			1						2	0	3			0	1	1	2	5
			1						2	0	3			0	0	1	1	4
			1						2	0	3			0	1	0	1	4
			1						2	0	3			0	0	1	1	4
			1						2	0	3			0	0	1	1	4
			0						1	0	1			0	2	1	3	4
			1						2	0	3			0	1	0	1	4
			1						3	0	4			0			0	4
			1						3	0	4			0			0	4
			0						2	1	3			0	0	1	1	4
			2						1	0	3			0	1	0	1	4
			0						3	0	3			0	0	1	1	4
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			0						1	0	1			0	1	1	2	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	1	0	1	3
			1						1	0	2			0	1	0	1	3
			80						165	3	248			0	42	49	91	339

Table 14I-12e: Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
		1	1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
		1	1						0	0	1			0			1	2
		1	1						1	0	2			0			0	2
			0						2	0	2			0			0	2
		1	1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
		1	1						1	0	2			0			0	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
	2		2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			0			1	1
			0						1	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
		1	1						0	0	1			0			0	1
2	1	1	4						13	0	17			0			0	17
1	1		2						13	0	15			0			2	17
	1		1						13	0	14			0			4	18
1			1						10	0	11			0			2	13
2	1	1	4						6	0	10			0			1	11
1		1	2						13	0	15			0			1	16
1	1	1	3						9	0	12			0			1	13
2			2						5	0	7			0			4	11
1	1		2						7	0	9			0			2	11
1		1	2						6	0	8			0			2	10
1		1	2						7	0	9			0			0	9
			0						8	0	8			0			1	9
1			1						6	0	7			0			1	8
		1	1						5	0	6			0			2	8
			0						8	0	8			0			0	8

Table 14I-12e (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1		1	2						3	0	5			0			2	7
1			1						4	0	5			0			2	7
1			1						5	0	6			0			1	7
1			1						4	0	5			0			2	7
1		2	3						3	0	6			0			1	7
1	1	1	3						2	0	5			0			2	7
1		1	2						4	0	6			0			1	7
2			2						3	0	5			0			2	7
			0						5	0	5			0			1	6
	2	1	3						2	0	5			0			1	6
1		2	3						3	0	6			0			0	6
	1		1						4	0	5			0			1	6
	1		1						4	0	5			0			0	5
	1		1						4	0	5			0			0	5
			0						4	0	4			0			1	5
1			1						4	0	5			0			0	5
		1	1						4	0	5			0			0	5
			0						4	0	4			0			1	5
	1		1						4	0	5			0			0	5
			0						4	0	4			0			1	5
			0						4	0	4			0			1	5
		1	1						3	0	4			0			1	5
1			1						3	0	4			0			1	5
			0						3	0	3			0			2	5
		2	2						2	0	4			0			0	4
1			1						3	0	4			0			0	4
		1	1						2	0	3			0			1	4
			0						3	0	3			0			1	4
1			1						2	0	3			0			1	4
		2	2						1	0	3			0			1	4
1			1						1	0	2			0			2	4
	1		1						3	0	4			0			0	4
			0						2	0	2			0			1	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						2	0	2			0			1	3
1	1		2						1	0	3			0			0	3
		2	2						1	0	3			0			0	3
			0						1	0	1			0			2	3
			0						3	0	3			0			0	3
1			1						2	0	3			0			0	3
1			1						1	0	2			0			1	3
	1		1						1	0	2			0			1	3
	1		1						1	0	2			0			1	3
		1	1						2	0	3			0			0	3
	1		1						2	0	3			0			0	3
		1	1						1	0	2			0			1	3
1			1						1	0	2			0			1	3

Table 14I-12e (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						2	0	3			0			0	3
			0						2	0	2			0			1	3
			1						0	0	1			0			1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0			0			1	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			5						13	0	18			0			2	20
			4						13	0	17			0			0	17
			1						13	0	14			0			4	18
			2						13	0	15			0			1	16
			5						7	0	12			0			2	14
			4						6	0	10			0			1	11
			3						9	0	12			0			1	13
			2						5	0	7			0			4	11
			1						10	0	11			0			2	13
			2						6	0	8			0			2	10
			0						8	0	8			0			1	9
			2						7	0	9			0			0	9
			0						8	0	8			0			0	8

Table 14I-12e (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						5	0	6			0			2	8
			1						6	0	7			0			1	8
			3						3	0	6			0			1	7
			2						3	0	5			0			2	7
			1						5	0	6			0			1	7
			1						4	0	5			0			2	7
			2						4	0	6			0			1	7
			1						4	0	5			0			2	7
			3						2	0	5			0			2	7
			2						3	0	5			0			2	7
			0						5	0	5			0			1	6
			3						2	0	5			0			1	6
			3						3	0	6			0			0	6
			1						4	0	5			0			1	6
			1						3	0	4			0			2	6
			1						4	0	5			0			0	5
			1						3	0	4			0			1	5
			1						3	0	4			0			1	5
			0						3	0	3			0			2	5
			0						4	0	4			0			1	5
			1						4	0	5			0			0	5
			0						4	0	4			0			1	5
			1						4	0	5			0			0	5
			0						4	0	4			0			1	5
			0						4	0	4			0			1	5
			1						4	0	5			0			0	5
			1						4	0	5			0			0	5
			2						2	0	4			0			0	4
			0						3	0	3			0			1	4
			1						3	0	4			0			0	4
			2						1	0	3			0			1	4
			1						2	0	3			0			1	4
			1						2	0	3			0			1	4
			1						1	0	2			0			2	4
			2						1	0	3			0			0	3
			0						2	0	2			0			1	3
			0						2	0	2			0			1	3
			1						1	0	2			0			1	3
			1						1	0	2			0			1	3
			1						2	0	3			0			0	3
			1						1	0	2			0			1	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			0						2	0	2			0			1	3
			2						1	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						1	0	1			0			2	3

Table 14I-12e (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						2	0	3			0			0	3
			1						1	0	2			0			1	3
			0						3	0	3			0			0	3
			1						1	0	2			0			0	2
43	23	35	207						588	0	795			0			134	929

Table 14I-12f: Middle Ridge Caribou Herd group composition from classification surveys, October 22, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			1	2
			2						0	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			5						23	0	28			0			1	29
			5						13	0	18			0			7	25
			5						17	0	22			0			4	26
			2						5	0	7			0			4	11
			3						8	0	11			0			3	14
			5						7	0	12			0			2	14
			2						10	0	12			0			2	14
			3						8	0	11			0			2	13
			3						6	0	9			0			0	9
			3						6	0	9			0			0	9
			1						6	0	7			0			1	8
			3						5	0	8			0			1	9
			1						7	0	8			0			1	9
			3						5	0	8			0			1	9
			0						7	0	7			0			1	8
			2						7	0	9			0			1	10
			4						5	0	9			0			1	10
			1						4	0	5			0			2	7
			1						5	0	6			0			2	8
			1						5	0	6			0			1	7
			1						4	0	5			0			2	7
			1						5	0	6			0			1	7
			2						4	0	6			0			0	6
			2						3	0	5			0			1	6
			0						3	0	3			0			2	5
			0						3	0	3			0			2	5
			1						3	0	4			0			1	5
			2						3	0	5			0			0	5
			0						2	0	2			0			2	4
			2						2	0	4			0			0	4
			2						2	0	4			0			0	4
			1						3	0	4			0			0	4
			1						1	0	2			0			1	3
			1						2	0	3			0			0	3
			0						2	0	2			0			1	3
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			5						13	0	18			0	3	4	7	25
			5						17	0	22			0	2	2	4	26
			5						23	0	28			0	0	1	1	29
			4						5	0	9			0	1	0	1	10

Table 14I-12f (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 22, 1992.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						7	0	9			0	1	0	2	11
			3						8	0	11			0	1	1	2	13
			5						7	0	12			0	1	1	2	14
			3						8	0	11			0	2	1	3	14
			2						10	0	12			0	1	1	2	14
			2						5	0	7			0	4	0	4	11
			1						5	0	6			0	1	1	2	8
			3						6	0	9			0			0	9
			1						7	0	8			0	1	0	1	9
			1						6	0	7			0	0	1	1	8
			3						6	0	9			0			0	9
			3						5	0	8			0	1	0	1	9
			3						5	0	8			0	1	0	1	9
			0						7	0	7			0	1	0	1	8
			1						4	0	5			0	1	1	2	7
			1						5	0	6			0	1	0	1	7
			1						4	0	5			0	1	1	2	7
			2						3	0	5			0	1	0	1	6
			1						5	0	6			0	1	0	1	7
			2						4	0	6			0			0	6
			2						3	0	5			0			0	5
			0						3	0	3			0	1	1	2	5
			1						3	0	4			0	0	1	1	5
			0						2	0	2			0	2	0	2	4
			1						3	0	4			0			0	4
			2						2	0	4			0			0	4
			1						2	0	3			0	0	1	1	4
			2						2	0	4			0			0	4
			1						3	0	4			0			0	4
			1						1	0	2			0	0	1	1	3
			0						1	0	1			0	1	0	2	3
			0						2	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			2						0	0	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0	1	0	1	2
			145						417	0	562			0	31	20	107	669

Table 14I-12g: Middle Ridge Caribou Herd group composition from classification surveys, October 19, 1993.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						2	0	2			0			0	2
1			1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
1	1		2						0	0	2			0			0	2
		1	1						1	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
1		1	2						0	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						2	0	2			0			0	2
1			1						1	0	2			0			0	2
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
		1	1						0	0	1			0			0	1
			0						0	0	0			0	0	1	1	1
			0						1	0	1			0			0	1
2		1	3						14	0	17			0	1	2	3	20
5	3	3	11						28	0	39			0	2	3	5	44
3	1	3	7						17	0	24			0	2	2	4	28
1	1	7	9						13	0	22			0	3	6	9	31
2	1	1	4						14	0	18			0	3	1	4	22
1		2	3						19	0	22			0	2	1	3	25
1	1	1	3						13	0	16			0	1	2	3	19
2		3	5						7	0	12			0	2	5	7	19
2		1	3						15	0	18			0	1	4	5	23
1	1	2	4						27	0	31			0	2	5	7	38
4	2	5	11						12	0	23			0	0	3	3	26
2	1	3	6						14	0	20			0	1	0	1	21
3	2	1	6						7	0	13			0	1	1	2	15
1	1	1	3						7	0	10			0	2	0	2	12
1		1	2						8	0	10			0	0	2	2	12
		1	1						10	0	11			0	1	0	1	12
1			1						9	0	10			0	2	0	2	12
1		2	3						8	0	11			0	2	0	2	13
2		2	4						10	0	14			0	2	0	2	16
1			1						11	0	12			0	0	1	1	13
2			2						9	0	11			0	1	3	4	15
1	1	2	4						7	0	11			0			0	11
			0						12	0	12			0	1	1	2	14
2	1	1	4						10	0	14			0			0	14
2		2	4						10	0	14			0			0	14
1			1						6	0	7			0	2	1	3	10
1		1	2						8	0	10			0			0	10
1			1						5	0	6			0	1	1	2	8
1			1						5	0	6			0	1	1	2	8
1	1		2						5	0	7			0	2	0	2	9

Table 14I-12g (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 19, 1993.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1		1	2						6	0	8			0			0	8
2			2						5	0	7			0	1	1	2	9
	1	1	2						6	0	8			0			0	8
1			1						4	0	5			0	1	1	2	7
1			1						5	0	6			0	1	0	1	7
1		1	2						5	0	7			0			0	7
1			1						5	0	6			0	1	0	1	7
1		1	2						3	0	5			0	0	2	2	7
1			1						4	0	5			0	0	1	1	6
1		1	2						2	0	4			0	1	1	2	6
			0						5	0	5			0	1	0	1	6
2			2						4	0	6			0			0	6
1			1						4	0	5			0	0	1	1	6
1			1						3	0	4			0	0	2	2	6
			0						5	0	5			0	1	0	1	6
1			1						3	0	4			0	0	2	2	6
		1	1						3	0	4			0	1	1	2	6
		1	1						4	0	5			0			0	5
			0						4	0	4			0	0	1	1	5
1			1						2	0	3			0	0	2	2	5
2			2						2	0	4			0	0	1	1	5
	1		1						2	0	3			0	1	1	2	5
		1	1						2	0	3			0	0	1	1	4
	1		1						1	0	2			0	0	2	2	4
1			1						2	0	3			0	1	0	1	4
1		1	2						1	0	3			0	0	1	1	4
1		1	2						1	0	3			0	1	0	1	4
1			1						2	0	3			0			0	3
1			1						1	0	2			0	1	0	1	3
1			1						1	0	2			0	1	0	1	3
		1	1						1	0	2			0	1	0	1	3
1			1						1	0	2			0	1	0	1	3
	1		1						1	0	2			0	1	0	1	3
			0						3	0	3			0			0	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0	0	1	1	3
1			1						1	0	2			0	0	1	1	3
80	22	60	162						466	0	628			0	55	72	127	755

Table 14I-12h: Middle Ridge Caribou Herd group composition from classification surveys, October 20, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	0	1	1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						0	0	1			0	1	0	1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			0						0	0	0			0	1	0	1	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			7						18	0	25			0	0	2	2	27
			3						16	0	19			0	1	2	3	22
			3						10	1	14			0	1	1	3	17
			12						16	1	29			0	1	2	3	32
			6						12	0	18			0	0	1	1	19
			11						32	0	43			0	3	1	4	47
			10						23	0	33			0	1	3	4	37
			5						8	0	13			0	3	1	4	17
			5						13	0	18			0	1	0	1	19
			5						13	0	18			0			0	18
			6						11	0	17			0	1	0	1	18
			6						12	0	18			0			0	18
			4						13	0	17			0	1	2	3	20
			7						8	0	15			0	2	2	4	19
			9						21	0	30			0	3	1	4	34
			3						11	0	14			0			0	14
			7						5	0	12			0			0	12
			7						5	0	12			0			0	12
			4						6	0	10			0	1	2	3	13
			3						7	0	10			0	1	2	3	13
			2						7	0	9			0	0	2	2	11
			3						7	0	10			0	2	0	3	13
			3						10	0	13			0	0	1	2	15

Table 14I-12h (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 20, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						12	0	13			0	1	2	3	16
			6						9	0	15			0	0	1	1	16
			2						11	0	13			0	1	2	3	16
			3						7	0	10			0	0	2	2	12
			1						8	0	9			0	1	1	3	12
			2						8	0	10			0	1	0	1	11
			4						7	0	11			0	1	0	1	12
			3						6	0	9			0	1	2	3	12
			2						3	0	5			0	2	1	3	8
			1						5	0	6			0	0	2	2	8
			3						4	0	7			0	1	0	1	8
			4						3	0	7			0	1	0	1	8
			2						4	0	6			0	1	1	2	8
			1						6	0	7			0	2	0	2	9
			1						5	0	6			0	1	2	3	9
			1						5	0	6			0	1	2	3	9
			2						4	0	6			0	3	0	3	9
			3						6	0	9			0			0	9
			2						5	0	7			0	0	2	2	9
			1						7	1	9			0			0	9
			2						7	0	9			0	1	0	1	10
			2						5	0	7			0	1	2	3	10
			1						9	0	10			0			0	10
			0						7	0	7			0	1	2	3	10
			3						3	2	8			0	0	2	2	10
			3						6	0	9			0	1	0	1	10
			2						6	0	8			0	1	1	2	10
			2						4	0	6			0	1	0	1	7
			3						3	0	6			0	0	1	1	7
			1						4	0	5			0	2	0	2	7
			2						3	0	5			0	0	2	2	7
			1						4	0	5			0	0	2	2	7
			1						4	0	5			0	3	0	3	8
			3						3	0	6			0	0	1	1	7
			2						4	0	6			0	1	1	2	8
			4						3	0	7			0	0	1	1	8
			2						2	1	5			0	0	1	1	6
			1						3	0	4			0	1	1	2	6
			3						2	0	5			0	1	0	1	6
			0						6	0	6			0			0	6
			2						2	0	4			0	2	0	2	6
			1						4	0	5			0	0	1	1	6
			1						3	0	4			0	0	2	2	6
			2						2	0	4			0	1	0	1	5
			1						3	0	4			0	0	1	1	5
			1						3	0	4			0	1	0	1	5
			2						2	0	4			0	1	0	1	5
			1						2	0	3			0	1	0	1	4
			1						3	0	4			0			0	4
			1						2	0	3			0	1	0	1	4

Table 14I-12h (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 20, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						3	0	4			0			0	4
			1						2	0	3			0	1	0	1	4
			1						1	0	2			0	1	1	2	4
			1						2	0	3			0	1	0	1	4
			2						2	0	4			0			0	4
			2						1	0	3			0	1	0	1	4
			2						1	0	3			0	1	0	1	4
			0						4	0	4			0			0	4
			1						2	0	3			0			1	4
			0						4	0	4			0			0	4
			2						1	0	3			0	1	0	1	4
			1						2	0	3			0	0	1	1	4
			4						0	0	4			0			0	4
			1						2	0	3			0	0	1	1	4
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						1	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			1						1	0	2			0	1	0	1	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			3						0	0	3			0			0	3
			1						1	0	2			0	0	1	1	3
			0						2	0	2			0	1	0	1	3
			2						1	0	3			0			0	3
			0						2	0	2			0	1	0	1	3
			0						3	0	3			0			0	3
			0						2	0	2			0			1	3
			0						2	0	2			0	1	0	1	3
			0						3	0	3			0			0	3
			2						1	0	3			0			0	3
			0						2	0	2			0	0	1	1	3
			281						601	7	889			0	77	78	161	1050

Table 14I-12i: Middle Ridge Caribou Herd group composition from classification surveys, May 13, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			1	1	0	1	2
			0						1	0	1			1	1	0	1	2
			1						1	0	2			0			0	2
			1						0	0	1			1	1	0	1	2
			1						0	0	1			1	1	0	1	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						1	0	1			1	0	1	1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			1						0	0	1			1	1	0	1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			3						19	0	22			2	1	1	2	24
			0						15	0	15			4	2	2	4	19
			1						20	0	21			4	3	1	4	25
			4						12	0	16			4	0	4	4	20
			6						17	0	23			5	3	2	5	28
			6						15	0	21			0			0	21
			14						6	0	20			0			0	20
			1						27	0	28			8	4	4	8	36
			3						22	0	25			5	2	3	5	30
			4						13	0	17			0			0	17
			2						15	0	17			0			0	17
			3						7	0	10			1	0	1	1	11
			5						5	0	10			1	1	0	1	11
			3						7	0	10			1	0	1	1	11
			0						10	0	10			4	1	3	4	14
			1						12	0	13			2	1	1	2	15
			0						11	0	11			3	0	3	3	14
			1						12	0	13			1	1	0	1	14
			3						4	0	7			4	3	1	4	11
			1						5	0	6			5	3	2	5	11
			4						8	0	12			1	1	0	1	13
			5						6	0	11			2	1	1	2	13
			3						6	0	9			4	3	1	4	13
			0						8	0	8			5	2	3	5	13
			0						10	0	10			1	1	0	1	11
			5						3	0	8			3	2	1	3	11
			2						13	0	15			0			0	15
			0						10	0	10			2	2	0	2	12
			7						4	0	11			4	4	0	4	15
			2						7	0	9			6	2	4	6	15
			2						5	0	7			3	2	1	3	10
			5						3	0	8			2	2	0	2	10
			0						5	0	5			3	1	2	3	8
			3						5	0	8			2	1	1	2	10
			2						4	0	6			2	2	0	2	8

Table 14I-12i (con'd): Middle Ridge Caribou Herd group composition from classification surveys, May 13, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			4						5	0	9			0			0	9
			1						6	0	7			3	2	1	3	10
			4						2	0	6			2	1	0	2	8
			4						5	0	9			0			0	9
			4						5	0	9			0			0	9
			5						1	0	6			3	1	2	3	9
			2						6	0	8			1	1	0	1	9
			2						5	0	7			2	2	0	2	9
			2						5	0	7			2	1	1	2	9
			1						7	0	8			1	0	1	1	9
			0						6	0	6			3	0	3	3	9
			1						4	0	5			4	3	1	4	9
			0						9	0	9			0			0	9
			1						9	0	10			0			0	10
			3						3	0	6			2	1	1	2	8
			1						6	0	7			1	1	0	1	8
			3						5	0	8			0			0	8
			2						4	0	6			1			1	7
			3						4	0	7			0			0	7
			0						7	0	7			1	1	0	1	8
			1						5	0	6			1	0	1	1	7
			2						4	0	6			1	1	0	1	7
			3						4	0	7			0			0	7
			1						3	0	4			4	3	1	4	8
			1						4	0	5			2	1	1	2	7
			3						2	0	5			2	2	0	2	7
			3						3	0	6			1	1	0	1	7
			3						3	0	6			1	1	0	1	7
			0						6	0	6			1	0	1	1	7
			3						3	0	6			0			0	6
			4						2	0	6			0			0	6
			0						4	0	4			2	2	0	2	6
			1						4	0	5			1	0	1	1	6
			0						6	0	6			0			0	6
			1						3	0	4			2	0	2	2	6
			0						5	0	5			1	0	1	1	6
			1						4	0	5			1	0	1	1	6
			0						4	0	4			2	0	2	2	6
			0						5	0	5			1	1	0	1	6
			1						3	0	4			2	1	1	2	6
			1						3	0	4			2	1	1	2	6
			2						3	0	5			1	0	1	1	6
			1						3	0	4			2	1	1	2	6
			3						3	0	6			0			0	6
			3						2	0	5			1	0	1	1	6
			1						2	0	3			2	1	1	2	5
			1						3	0	4			1	0	1	1	5
			3						1	0	4			1	1	0	1	5
			0						4	0	4			1	0	1	1	5
			0						3	0	3			2	1	1	2	5

Table 14I-12i (con'd): Middle Ridge Caribou Herd group composition from classification surveys, May 13, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						5	0	5			0			0	5
			0						3	0	3			2	1	1	2	5
			0						3	0	3			2	2	0	2	5
			1						0	0	1			3	2	1	3	4
			2						2	0	4			0			0	4
			2						2	0	4			0			0	4
			3						1	0	4			0			0	4
			2						1	0	3			1	0	1	1	4
			2						1	0	3			1	0	1	1	4
			1						1	0	2			2	2	0	2	4
			2						1	0	3			1	1	0	1	4
			2						2	0	4			0			0	4
			0						4	0	4			0			0	4
			3						1	0	4			0			0	4
			0						3	0	3			1	1	0	1	4
			0						3	0	3			1	1	0	1	4
			0						3	0	3			1	0	1	1	4
			1						2	0	3			1	1	0	1	4
			0						2	0	2			1	1	0	1	3
			2						1	0	3			0			0	3
			3						0	0	3			0			0	3
			1						1	0	2			1	1	0	1	3
			0						2	0	2			1	0	1	1	3
			2						0	0	2			1	1	0	1	3
			2						0	0	2			1	1	0	1	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						2	0	2			1	0	1	1	3
			0						2	0	2			1	0	1	1	3
			0						2	0	2			1	0	1	1	3
			0						1	0	1			2	2	0	2	3
			227						629	0	856			190	105	83	190	1046

Table 14I-12j: Middle Ridge Caribou Herd group composition from classification surveys, November 2, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						0	0	0			0			1	1
			1						0	0	1			0			0	1
			5						9	1	15			0	1	0	3	18
			2						10	1	13			0	4	1	5	18
			9						7	0	16			0	0	3	3	19
			9						20	0	29			0	1	2	3	32
			4						12	0	16			0	2	4	7	23
			19						57	3	79			0	8	3	13	92
			9						12	0	21			0			0	21
			6						11	2	19			0	0	1	2	21
			6						9	0	15			0	0	2	3	18
			5						9	0	14			0	2	2	4	18
			13						16	1	30			0	4	2	6	36
			8						13	0	21			0	4	3	7	28
			4						16	0	20			0	2	0	2	22
			6						13	0	19			0	1	2	3	22
			7						7	0	14			0	3	3	6	20
			10						21	0	31			0			0	31
			7						10	0	17			0	3	2	5	22
			6						15	0	21			0	0	1	1	22
			5						15	0	20			0	1	1	2	22
			4						9	1	14			0	2	0	3	17
			0						14	0	14			0			0	14
			5						8	1	14			0	0	1	1	15
			5						5	0	10			0	2	0	3	13
			5						7	0	12			0	1	2	3	15
			3						7	0	10			0	0	1	1	11
			3						7	0	10			0	2	1	4	14
			6						7	0	13			0	2	0	2	15
			3						10	0	13			0			0	13
			3						9	0	12			0	1	1	2	14
			3						5	0	8			0	2	1	3	11
			0						8	0	8			0	1	3	4	12
			4						7	0	11			0			0	11
			7						5	0	12			0			0	12
			5						5	0	10			0	0	1	1	11
			3						6	0	9			0	0	1	1	10
			0						8	0	8			0	1	1	2	10
			1						6	0	7			0	2	1	3	10
			0						8	0	8			0	0	1	1	9
			1						7	0	8			0	0	1	1	9
			2						4	0	6			0	2	1	3	9
			4						4	0	8			0	1	0	1	9
			0						7	0	7			0	1	1	2	9
			1						7	0	8			0			1	9

Table 14I-12j (con'd): Middle Ridge Caribou Herd group composition from classification surveys, November 2, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			3						3	0	6			0	1	1	2	8
			4						5	0	9			0	1	0	1	10
			4						6	0	10			0			0	10
			2						5	0	7			0	1	0	1	8
			2						3	0	5			0	2	1	3	8
			2						3	0	5			0	2	0	2	7
			1						6	0	7			0	1	0	1	8
			3						4	0	7			0			0	7
			2						4	0	6			0	1	0	1	7
			4						2	0	6			0	0	1	1	7
			1						6	0	7			0			0	7
			1						6	0	7			0	0	1	1	8
			1						4	0	5			0	2	0	2	7
			1						3	0	4			0	1	1	2	6
			3						2	0	5			0	0	1	1	6
			3						2	0	5			0			0	5
			3						1	0	4			0	1	0	1	5
			0						4	0	4			0	1	0	1	5
			1						4	0	5			0			0	5
			2						3	0	5			0			0	5
			2						2	0	4			0	1	0	1	5
			0						4	0	4			0	0	1	1	5
			2						1	0	3			0	0	1	1	4
			1						2	0	3			0			1	4
			1						2	0	3			0	1	0	1	4
			1						2	0	3			0	1	0	1	4
			1						3	0	4			0			0	4
			1						2	0	3			0			1	4
			0						3	0	3			0			0	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0	0	1	1	3
			1						2	0	3			0			0	3
			1						1	0	2			0	0	1	1	3
			263						564	10	837			0	75	61	150	987

Table 14I-12k: Middle Ridge Caribou Herd group composition from classification surveys, April 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			1	0	1	1	2
			0						0	0	0			2	2	0	2	2
			0						1	0	1			1	1	0	1	2
			0						1	0	1			1	1	0	1	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			1						1	0	2			0			0	2
			1						1	0	2			0			0	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			1	1	0	1	2
			0						2	0	2			0			0	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1	0	1	1	2
			0						2	0	2			0			0	2
			0						1	0	1			1	0	1	1	2
			0						1	0	1			1			0	1
			0						1	0	1			1			0	1
			0						1	0	1			1			0	1
			0						1	0	1			1			0	1
			0						1	0	1			1			0	1
			0						1	0	1			1			0	1
			0						1	0	1			1			0	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			4						12	0	16			1	1	0	1	17
			4						11	1	16			7	4	3	7	23
			0						8	0	8			3	1	1	3	11
			3						7	0	10			1	0	1	1	11
			2						6	0	8			4	2	2	4	12
			3						3	0	6			6	4	2	6	12

Table 14I-12k (con'd): Middle Ridge Caribou Herd group composition from classification surveys, April 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1						8	0	9			1	0	1	1	10
			0						12	0	12			1	0	1	1	13
			0						10	0	10			2	1	1	2	12
			2						9	0	11			3	2	1	3	14
			1						6	0	7			6	4	2	6	13
			2						9	0	11			2	2	0	2	13
			2						9	0	11			2	0	2	2	13
			1						9	0	10			2	1	1	2	12
			1						10	0	11			1	0	1	1	12
			1						12	0	13			1			1	14
			2						12	0	14			1	1	0	1	15
			3						7	0	10			2	2	0	2	12
			3						7	0	10			0			0	10
			2						6	0	8			0			0	8
			2						5	0	7			1	1	0	1	8
			1						7	0	8			1	0	1	1	9
			0						7	0	7			1	1	0	1	8
			2						6	0	8			1	1	0	1	9
			6						3	0	9			0			0	9
			2						7	0	9			0			0	9
			1						6	0	7			1	1	0	1	8
			5						5	0	10			0			0	10
			2						4	0	6			3	3	0	3	9
			0						8	0	8			2	2	0	2	10
			0						7	0	7			3	2	1	3	10
			0						9	0	9			0			0	9
			0						5	1	6			2	2	0	2	8
			5						3	0	8			2	1	1	2	10
			1						3	0	4			3	2	1	3	7
			0						6	0	6			2	2	0	2	8
			1						2	0	3			4	1	1	4	7
			0						5	1	6			2	1	1	2	8
			0						7	0	7			1	1	0	1	8
			0						5	0	5			3	1	2	3	8
			1						3	0	4			3	3	0	3	7
			1						6	0	7			0			0	7
			2						4	0	6			1	0	1	1	7
			3						4	0	7			0			0	7
			3						4	0	7			0			0	7
			1						4	0	5			1	1	0	1	6
			1						5	0	6			1	0	1	1	7
			1						5	0	6			1	0	1	1	7
			1						4	0	5			1	1	0	1	6
			1						5	0	6			1	1	0	1	7
			1						4	0	5			2	1	1	2	7
			1						5	0	6			1	1	0	1	7
			1						4	0	5			2	1	1	2	7
			0						6	0	6			0			0	6
			0						4	0	4			3	2	1	3	7
			2						4	0	6			0			0	6

Table 14I-12k (con'd): Middle Ridge Caribou Herd group composition from classification surveys, April 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						3	1	6			0			0	6
			2						3	0	5			1	1	0	1	6
			2						4	0	6			0			0	6
			2						1	0	3			3	2	1	3	6
			2						3	0	5			1	0	1	1	6
			2						3	1	6			0			0	6
			0						6	0	6			1	1	0	1	7
			0						7	0	7			1			1	8
			1						3	0	4			2	2	0	2	6
			0						4	0	4			2	0	2	2	6
			1						3	0	4			1	1	0	1	5
			1						2	0	3			2	1	1	2	5
			1						4	0	5			0			0	5
			2						2	0	4			1			1	5
			1						3	0	4			1	0	1	1	5
			0						5	1	6			0			0	6
			0						4	0	4			2	1	1	2	6
			0						6	0	6			0			0	6
			0						5	0	5			1	1	0	1	6
			0						6	0	6			0			0	6
			3						3	0	6			0			0	6
			0						3	0	3			3	2	1	3	6
			3						2	0	5			1	0	1	1	6
			0						3	0	3			3	1	2	3	6
			3						3	0	6			0			0	6
			0						5	0	5			0			0	5
			1						3	0	4			1	1	0	1	5
			1						4	0	5			0			0	5
			1						1	0	2			3	2	1	3	5
			1						2	0	3			2	0	2	2	5
			1						3	0	4			1	0	1	1	5
			1						4	0	5			0			0	5
			1						4	0	5			0			0	5
			1						3	0	4			1	1	0	1	5
			1						4	0	5			0			0	5
			1						3	0	4			1	1	0	1	5
			0						5	0	5			0			0	5
			1						2	0	3			1			1	4
			1						3	0	4			0			0	4
			1						3	0	4			0			0	4
			0						4	0	4			0			0	4
			0						5	0	5			0			0	5
			0						4	0	4			1			1	5
			0						4	0	4			1	1	0	1	5
			0						3	1	4			1	0	1	1	5
			1						3	0	4			0			0	4
			4						1	0	5			0			0	5
			1						1	0	2			2	2	0	2	4
			0						4	0	4			0			0	4
			3						1	0	4			1	1	0	1	5

Table 14I-12k (con'd): Middle Ridge Caribou Herd group composition from classification surveys, April 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						5	0	5			0			0	5
			1						1	0	2			2	0	2	2	4
			1						3	0	4			0			0	4
			0						4	0	4			0			0	4
			0						2	0	2			2	1	1	2	4
			2						1	0	3			1	1	0	1	4
			0						3	0	3			1	1	0	1	4
			0						4	0	4			0			0	4
			0						4	0	4			0			0	4
			0						3	0	3			1	1	0	1	4
			0						2	0	2			2	1	1	2	4
			3						1	0	4			0			0	4
			2						1	0	3			1	1	0	1	4
			0						2	0	2			2	1	1	2	4
			0						3	0	3			1	1	0	1	4
			2						2	0	4			0			0	4
			0						4	0	4			0			0	4
			2						1	0	3			1	1	0	1	4
			0						4	0	4			0			0	4
			0						3	0	3			1	1	0	1	4
			2						1	0	3			1	1	0	1	4
			0						4	0	4			0			0	4
			0						2	0	2			2	0	1	2	4
			1						2	0	3			0			0	3
			2						1	0	3			1			1	4
			1						2	0	3			0			0	3
			1						2	0	3			0			0	3
			0						1	0	1			2	2	0	2	3
			2						2	0	4			0			0	4
			0						2	0	2			1	0	1	1	3
			0						2	0	2			1	0	1	1	3
			0						3	0	3			1	1	0	1	4
			0						3	0	3			1	1	0	1	4
			0						4	0	4			0			0	4
			1						2	0	3			0			0	3
			1						1	0	2			1	1	0	1	3
			1						2	0	3			0			0	3
			1						1	0	2			1	1	0	1	3
			1						1	0	2			1	1	0	1	3
			0						2	0	2			1	1	0	1	3
			0						1	0	1			2	1	1	2	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						1	0	1			2	1	1	2	3
			0						3	0	3			0			0	3
			0						2	0	2			1	0	1	1	3
			2						1	0	3			0			0	3
			0						2	0	2			1	1	0	1	3
			0						3	0	3			0			0	3

Table 14I-12k (con'd): Middle Ridge Caribou Herd group composition from classification surveys, April 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						2	0	2			1	1	0	1	3
			0						2	0	2			1	1	0	1	3
			0						2	0	2			1	1	0	1	3
			0						3	0	3			0			0	3
			0						2	0	2			1	1	0	1	3
			0						3	0	3			0			0	3
			0						3	0	3			0			0	3
			0						1	0	1			1	1	0	1	2
			0						1	0	1			1	1	0	1	2
			174						717	9	900			193	114	69	193	1093

Table 14I-12l: Middle Ridge Caribou Herd group composition from classification surveys, May 30, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0					1	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0						0	0	0	0	0	1			0	1
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0			0	1	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0						0	0	0	0	0	1			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1

Table 14I-12l (con'd): Middle Ridge Caribou Herd group composition from classification surveys, May 30, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			0	1	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			1			0	3	6	9	0	10			0			0	10
			0			2	5	1	8	0	8	2	0	2			0	10
			3			0	1	5	6	0	9	2	2	4			0	13
			11					1	1	0	12	1	1	2			0	14
			6			2	0	2	4	0	10	1	0	1			0	11
			1			1	2	3	6	0	7	1	0	1			0	8
			0			5	2	0	7	0	7	0	1	1			0	8
			2			0	3	3	6	0	8			0			0	8
			4			1	0	3	4	0	8			0			0	8
			0			0	7	1	8	0	8			0			0	8
			1			2	0	3	5	0	6	1	0	2			0	8
			1			4	3	0	7	0	8			0			0	8
			0			6	1	1	8	0	8			0			0	8
			0			0	4	0	4	0	4	1	3	4			0	8

Table 14I-12l (con'd): Middle Ridge Caribou Herd group composition from classification surveys, May 30, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1			0	1	4	5	0	6			0			0	6
			0			0	2	2	4	0	4	0	2	2			0	6
			0			1	3	0	4	0	4	1	1	2			0	6
			5			1	1	0	2	0	7			0			0	7
			0			1	1	0	2	0	2	3	2	5			0	7
			0			0	2	3	5	0	5	0	1	1			0	6
			0			2	1	2	5	0	5	1	0	1			0	6
			3			0	1	2	3	0	6			0			0	6
			0			6	0	0	6	0	6			0			0	6
			1			1	3	1	5	0	6			0			0	6
			5					1	1	0	6	0	1	1			0	7
			2			0	2	1	3	0	5	0	1	1			0	6
			1			0	2	1	3	0	4	0	2	2			0	6
			0			0	3	2	5	0	5			0			0	5
			0			5	0	0	5	0	5			0			0	5
			3			2	0	0	2	0	5			0			0	5
			0			0	2	3	5	0	5			0			0	5
			0			0	4	0	4	0	4	0	1	1			0	5
			0			1	2	1	4	1	5			0			0	5
			1			4	0	0	4	0	5			0			0	5
			0			2	2	0	4	0	4	0	1	1			0	5
			1			2	2	0	4	0	5			0			0	5
			1			2	0	1	3	0	4	1	0	1			0	5
			0			1	1	3	5	0	5			0			0	5
			2			0	3	0	3	0	5			0			0	5
			0			4	1	0	5	0	5			0			0	5
			0			1	1	2	4	0	4	0	1	1			0	5
			0			2	3	0	5	0	5			0			0	5
			0			5	0	0	5	0	5			0			0	5
			1			0	3	1	4	0	5			0			0	5
			0			0	3	1	4	0	4	0	1	1			0	5
			0			1	3	0	4	0	4	0	1	1			0	5
			0			0	4	0	4	0	4	0	1	1			0	5
			0			0	1	2	3	0	3	1	1	2			0	5
			0			5	0	0	5	0	5			0			0	5
			0			2	1	1	4	0	4	1	0	1			0	5
			0			4	1	0	5	0	5			0			0	5
			0			3	0	0	3	1	4	1	0	1			0	5
			0			1	1	3	5	0	5			0			0	5
			0			0	3	2	5	0	5			0			0	5
			0			4	1	0	5	0	5			0			0	5
			0			2	1	0	3	0	3	1	1	2			0	5
			2			0	1	2	3	0	5			0			0	5
			0			3	1	0	4	0	4			0			0	4
			2					1	1	0	3	1	0	1			0	4
			0			0	2	2	4	0	4			0			0	4
			0			4	0	0	4	0	4			0			0	4
			0			4	0	0	4	0	4			0			0	4
			0			2	1	1	4	0	4			0			0	4
			0			3	1	0	4	0	4			0			0	4

Table 14I-12l (con'd): Middle Ridge Caribou Herd group composition from classification surveys, May 30, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			2	0	0	2	1	3	0	1	1			0	4
			0			2	1	1	4	0	4			0			0	4
			0			3	1	0	4	0	4			0			0	4
			3					1	1	0	4			0			0	4
			0			1	3	0	4	0	4			0			0	4
			0			1	1	0	2	0	2	0	2	2			0	4
			0			0	4	0	4	0	4			0			0	4
			0			0	4	0	4	0	4			0			0	4
			0			0	3	0	3	0	3	0	1	1			0	4
			0			2	2	0	4	0	4			0			0	4
			0					3	3	0	3	0	1	1			0	4
			0			3	1	0	4	0	4			0			0	4
			0			2	0	2	4	0	4			0			0	4
			4						0	0	4			0			0	4
			1			1	1	1	3	0	4			0			0	4
			1			0	2	1	3	0	4			0			0	4
			3						0	1	4			0			0	4
			0			0	1	3	4	0	4			0			0	4
			1			0	3	0	3	0	4			0			0	4
			0			0	3	1	4	0	4			0			0	4
			0			3	0	1	4	0	4			0			0	4
			0			4	0	0	4	0	4			0			0	4
			0			2	0	2	4	0	4			0			0	4
			0			3	0	0	3	0	3	0	1	1			0	4
			2						0	0	2	0	1	1			0	3
			2			0	1	0	1	0	3			0			0	3
			0			2	1	0	3	0	3			0			0	3
			2					1	1	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			0					2	2	0	2	0	1	1			0	3
			0			0	3	0	3	0	3			0			0	3
			1					2	2	0	3			0			0	3
			1			1	1	0	2	0	3			0			0	3
			1						0	0	1	1	1	2			0	3
			1					1	1	0	2	0	1	1			0	3
			1			0	2	0	2	0	3			0			0	3
			0			2	1	0	3	0	3			0			0	3
			0			2	1	0	3	0	3			0			0	3
			0			0	3	0	3	0	3			0			0	3
			0			1	1	1	3	0	3			0			0	3
			0			1	1	1	3	0	3			0			0	3
			0			3	0	0	3	0	3			0			0	3
			0			0	3	0	3	0	3			0			0	3
			0			0	1	2	3	0	3			0			0	3
			0			2	0	0	2	0	2	0	1	1			0	3
			0			2	0	1	3	0	3			0			0	3
			0			2	1	0	3	0	3			0			0	3
			0			2	0	1	3	0	3			0			0	3
			0			1	1	1	3	0	3			0			0	3
			0			0	1	0	1	2	3			0			0	3

Table 14I-12l (con'd): Middle Ridge Caribou Herd group composition from classification surveys, May 30, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			0	1	0	1	0	1	1	1	2			0	3
			0					1	1	0	1	1	1	2			0	3
			0			0	2	1	3	0	3			0			0	3
			0			1	2	0	3	0	3			0			0	3
			0			2	0	0	2	0	2	0	1	1			0	3
			0			1	2	0	3	0	3			0			0	3
			0			0	1	1	2	0	2	0	1	1			0	3
			0			1	0	1	2	0	2	1	0	1			0	3
			0			0	3	0	3	0	3			0			0	3
			0			0	2	0	2	0	2	0	1	1			0	3
			0			0	1	2	3	0	3			0			0	3
			0			0	2	0	2	0	2	1	0	1			0	3
			0			2	0	0	2	1	3			0			0	3
			0			2	0	0	2	0	2	0	1	1			0	3
			0			1	2	0	3	0	3			0			0	3
			0			1	1	1	3	0	3			0			0	3
			0			2	1	0	3	0	3			0			0	3
			0					2	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			1					1	1	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			1						0	0	1	1	0	1			0	2
			1			1	0	0	1	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			1					1	1	0	2			0			0	2
			1					1	1	0	2			0			0	2
			1			1	0	0	1	0	2			0			0	2
			1			1	0	0	1	0	2			0			0	2
			0			1	0	0	1	1	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			1	0	0	1	0	1	1	0	1			0	2
			0			0	2	0	2	0	2			0			0	2
			0			1	0	0	1	0	1	0	1	1			0	2
			0					2	2	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			2	0	0	2	0	2			0			0	2
			0			1	1	0	2	0	2			0			0	2
			1					1	1	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			1			1	0	0	1	0	2			0			0	2
			2						0	0	2			0			0	2
			0					1	1	0	1	1	0	1			0	2
			0			0	2	0	2	0	2			0			0	2
			2						0	0	2			0			0	2
			0			1	1	0	2	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2

Table 14I-12l (con'd): Middle Ridge Caribou Herd group composition from classification surveys, May 30, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2						0	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0					1	1	0	1	0	1	1			0	2
			0			0	2	0	2	0	2			0			0	2
			0					1	1	0	1	0	1	1			0	2
			0			2	0	0	2	0	2			0			0	2
			0			1	1	0	2	0	2			0			0	2
			0					1	1	0	1	0	1	1			0	2
			0			1	1	0	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			1	0	1	2	0	2			0			0	2
			0					1	1	0	1	1	0	1			0	2
			0			1	0	1	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			0	2	0	2	0	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0			1	1	0	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	1	0	1	0	1	0	1	1			0	2
			0			0	2	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0			1	0	1	2	0	2			0			0	2
			0					1	1	0	1	0	1	1			0	2
			0			2	0	0	2	0	2			0			0	2
			0					2	2	0	2			0			0	2
			0			1	0	1	2	0	2			0			0	2
			0			1	1	0	2	0	2			0			0	2
			0					1	1	0	1	1	0	1			0	2
			0			0	1	0	1	0	1	0	0	1			0	2
			0			0	1	0	1	1	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0					2	2	0	2			0			0	2
			0			0	2	0	2	0	2			0			0	2
			0			1	0	0	1	1	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0					2	2	0	2			0			0	2
			116			238	247	152	637	10	763	31	52	87			0	850

Table 14I-12m: Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	1	1			0			0	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1	3	1	5						16	0	21			0	1	1	2	23
2	1	1	4						16	0	20			0	2	0	2	22
1		1	2						15	0	17			0	2	0	2	19
1	1		2						17	0	19			0			0	19
2	2		4						18	1	23			0	2	2	4	27
4	6	3	13						17	0	30			0	0	1	1	31
3	1		4						5	0	9			0	3	1	4	13
1	2	3	6						5	0	11			0	1	0	1	12
		1	1						8	0	9			0	1	0	1	10
	1		1						8	0	9			0	1	2	3	12
1		2	3						9	0	12			0	0	2	2	14
1	1		2						8	0	10			0			0	10
	2	1	3						7	0	10			0			0	10
2	1		3						5	0	8			0	1	1	2	10
1		1	2						7	0	9			0	0	1	1	10
1	1	2	4						3	1	8			0	1	1	2	10
1	1		2						6	0	8			0	1	1	2	10
1	2	2	5						7	0	12			0	1	1	2	14
1	3	2	6						7	0	13			0	0	1	1	14
1	2	1	4						8	0	12			0	2	1	3	15
	1	2	3						7	0	10			0			0	10
1	1		2						7	0	9			0	2	0	2	11
1		1	2						6	0	8			0	1	1	2	10
1	4		5						6	0	11			0			0	11
1	1	1	3						7	0	10			0			0	10
1		2	3						7	0	10			0	0	1	1	11
1		1	2						5	0	7			0	3	1	4	11
1		2	3						7	0	10			0	1	0	1	11
1	1	1	3						11	0	14			0	1	0	1	15
1		2	3						4	0	7			0	0	1	1	8

Table 14I-12m (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1	1		2						5	0	7			0	0	1	1	8
1		1	2						5	0	7			0	1	1	2	9
1		1	2						5	0	7			0	0	2	2	9
1		2	3						5	0	8			0			0	8
1	1		2						5	0	7			0	0	1	1	8
1		1	2						7	0	9			0			0	9
	2	1	3						4	0	7			0	1	0	1	8
1		1	2						5	0	7			0	1	0	1	8
	1		1						4	1	6			0	1	1	2	8
1	1	1	3						4	0	7			0	1	0	1	8
1			1						5	0	6			0	0	2	2	8
1			1						5	0	6			0	1	1	2	8
1			1						4	0	5			0	1	1	2	7
2			2						4	0	6			0			1	7
1	2		3						3	0	6			0			0	6
		2	2						5	0	7			0			0	7
	2	1	3						3	0	6			0			0	6
1			1						2	0	3			0	2	1	3	6
1		2	3						1	0	4			0	0	2	2	6
	1	1	2						5	0	7			0			0	7
1			1						5	0	6			0	0	1	1	7
1			1						4	1	6			0	0	1	1	7
1			1						4	0	5			0	0	1	1	6
	1	1	2						3	0	5			0	0	1	1	6
		1	1						3	0	4			0	1	1	2	6
1		1	2						3	0	5			0	0	1	1	6
			0						6	0	6			0	0	1	1	7
1			1						3	0	4			0	1	1	2	6
1			1						5	0	6			0			0	6
1			1						5	0	6			0			0	6
1	1		2						3	0	5			0	1	0	1	6
			0						5	0	5			0	1	0	1	6
1		2	3						2	0	5			0	1	0	1	6
			0						5	0	5			0	0	2	2	7
			0						3	0	3			0	1	1	2	5
2		1	3						2	0	5			0			0	5
	1	2	3						2	0	5			0			0	5
		1	1						3	0	4			0	0	1	1	5
	1	1	2						2	0	4			0	0	1	1	5
	1		1						3	0	4			0	1	0	1	5
		1	1						4	0	5			0			0	5
	1	1	2						1	0	3			0	1	1	2	5
	1		1						2	0	3			0	0	2	2	5
1			1						3	0	4			0	0	1	1	5
1			1						3	0	4			0	0	1	1	5
1			1						3	0	4			0	0	1	1	5
	1		1						3	0	4			0	0	1	1	5
1			1						2	1	4			0	0	1	1	5
1		1	2						3	0	5			0			0	5
1	1		2						3	0	5			0			0	5

Table 14I-12m (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
2	1		3						1	0	4			0	0	1	1	5
1	1		2						3	0	5			0			0	5
		2	2						2	0	4			0	1	0	1	5
	1		1						4	0	5			0			0	5
		1	1						3	0	4			0	1	0	1	5
1			1						3	0	4			0			0	4
	1	1	2						2	0	4			0			0	4
		1	1						2	0	3			0	0	1	1	4
			0						2	0	2			0	0	2	2	4
1			1						2	0	3			0	0	1	1	4
			0						3	0	3			0	0	1	1	4
		1	1						2	0	3			0	0	1	1	4
		1	1						2	0	3			0	1	0	1	4
	1		1						2	0	3			0	1	0	1	4
1			1						2	0	3			0	1	0	1	4
		1	1						3	0	4			0			0	4
1		1	2						2	0	4			0			0	4
		1	1						2	0	3			0	1	0	1	4
1			1						3	0	4			0			0	4
1			1						2	0	3			0	0	1	1	4
		2	2						0	0	2			0	1	1	2	4
1		1	2						1	0	3			0	0	1	1	4
			0						2	0	2			0	2	0	2	4
	1		1						2	0	3			0	0	1	1	4
	1		1						2	0	3			0	0	1	1	4
1		1	2						1	0	3			0	0	1	1	4
			0						3	0	3			0	1	0	1	4
	1		1						2	0	3			0	0	1	1	4
		2	2						2	0	4			0			0	4
1			1						2	0	3			0			0	3
	1		1						1	0	2			0	1	0	1	3
1			1						1	0	2			0	0	1	1	3
			0						2	0	2			0	1	0	1	3
	1		1						1	0	2			0	0	1	1	3
	1		1						1	0	2			0	0	1	1	3
			0						2	0	2			0	1	0	1	3
1			1						1	0	2			0	1	0	1	3
	1		1						1	0	2			0	0	1	1	3
			0						1	0	1			0	0	1	2	3
1			1						2	0	3			0			0	3
		1	1						1	0	2			0	1	0	1	3
	1		1						1	0	2			0	1	0	1	3
1			1						1	0	2			0	0	1	1	3
	1		1						1	0	2			0	0	1	1	3
	1		1						1	0	2			0	0	1	1	3
1			1						2	0	3			0			0	3
		1	1						2	0	3			0			0	3
	1		1						1	0	2			0	1	0	1	3
1			1						1	0	2			0	0	1	1	3
1			1						1	0	2			0	0	1	1	3

Table 14I-12m (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						3	0	3			0			0	3
			0						2	0	2			0	0	1	1	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0	1	0	1	3
			0						2	0	2			0	1	0	1	3
1			1						1	0	2			0	0	1	1	3
	1		1						1	0	2			0	1	0	1	3
		2	2						1	0	3			0			0	3
	1		1						2	0	3			0			0	3
1			1						2	0	3			0			0	3
	1		1						1	0	2			0	1	0	1	3
	1		1						1	0	2			0	1	0	1	3
		1	1						1	0	2			0	1	0	1	3
	1		1						1	0	2			0	1	0	1	3
	1		1						1	0	2			0	1	0	1	3
	1		1						1	0	2			0	1	0	1	3
1			1						1	0	2			0	1	0	1	3
	1	1	2						1	0	3			0			0	3
		2	2						1	0	3			0			0	3
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
		1	1						1	0	2			0			0	2
			0						2	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
	1		1						1	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
	1		1						1	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
	1		1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
		1	1						1	0	2			0			0	2
2			2						0	0	2			0			0	2
	1		1						1	0	2			0			0	2
			0						2	0	2			0			0	2
1			1						1	0	2			0			0	2
1			1						0	0	1			0			1	2
			0						2	0	2			0			0	2
	1		1						1	0	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0	0	1	1	2
1	1		2						0	0	2			0			0	2
	1		1						1	0	2			0			0	2
		1	1						1	0	2			0			0	2

Table 14I-12m (con'd): Middle Ridge Caribou Herd group composition from classification surveys, October 21, 1996.

Stags				**Does**						**Adults**		**Yearlings**			**Calves**			**Total Caribou**
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
		1	1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
		1	1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						2	0	2			0			0	2
99	93	89	281						611	7	899			0	78	84	166	1065

Table 14I-13a: Mount Peyton Caribou Herd group composition from classification surveys, June 4, 1970.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			4						10	0	14			3			4	21
			6						14	0	20			3			5	28
			3						16	0	19			5			9	33
			4						31	0	35			3			24	62
			0						34	0	34			2			21	57
			0						8	0	8			1			6	15
			17						113	0	130			17			69	216

Table 14I-13b: Mount Peyton Caribou Herd group composition from classification surveys, October 11, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
		1	1						1	0	2			0			0	2
2			2						0	0	2			0			0	2
1			1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
		1	1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
		1	1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
	3		3						16	0	19			0			0	19
1	3	1	5						14	0	19			0			0	19
1	3	1	5						14	0	19			0			0	19
		1	1						19	0	20			0			0	20
1	1	1	3						15	0	18			0			0	18
1	1	2	4						27	0	31			0			0	31
1	1		2						15	0	17			0			0	17
2	1	2	5						21	0	26			0			0	26
2	1	5	8						16	0	24			0			0	24
1		4	5						9	0	14			0			0	14
2	1		3						12	0	15			0			0	15
1		1	2						11	0	13			0			0	13
1		2	3						6	0	9			0			0	9
4		1	5						3	0	8			0			0	8
1		2	3						3	1	7			0			0	7
1		1	2						4	0	6			0			0	6
1		1	2						3	0	5			0			0	5
1		1	2						2	1	5			0			0	5
			0						4	0	4			0			0	4
1	1		2						2	0	4			0			0	4
1			1						3	0	4			0			0	4
1			1						3	0	4			0			0	4
1			1						2	1	4			0			0	4
	1	1	2						1	0	3			0			0	3
1			1						2	0	3			0			0	3
1		1	2						1	0	3			0			0	3
1			1						2	0	3			0			0	3
			0						3	0	3			0			0	3
1			1						2	0	3			0			0	3
	1		1						1	1	3			0			0	3
36	19	31	86						246	4	336			0			0	336

Table 14I-13c: Mount Peyton Caribou Herd group composition from classification surveys, June 13, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			1					1	1	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0					2	2	0	2			0			0	2
			0					2	2	0	2			0			0	2
			0					1	1	0	1	1	0	1			0	2
			2						0	0	2			0			0	2
			2						0	0	2			0			0	2
			0						0	0	0	0	1	1			0	1
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			7	3	0	10	0	10	1	0	1			7	18
			2			11	3	12	26	0	28	0	1	3			11	42
			0			10	1	0	11	0	11			0			10	21
			0			10	0	1	11	0	11			0			10	21
			1			25	4	1	30	0	31	0	2	2			25	58
			0			27	0	0	27	0	27			0			0	27
			0			13	0	4	17	0	17	1	0	1			13	31
			0			10	4	10	24	0	24			0			10	34
			0			2	1	4	7	0	7	0	1	2			2	11
			5			1	4	3	8	0	13			0			1	14
			2			4	0	4	8	0	10			0			4	14
			0			3	6	2	11	0	11	0	1	1			3	15
			0			6	1	0	7	0	7			0			6	13
			0			7	0	0	7	0	7			0			7	14
			0			3	2	0	5	0	5	0	1	1			3	9
			0			4	1	0	5	0	5			0			4	9
			0			4	1	1	6	0	6			0			4	10
			0			3	0	1	4	0	4			0			3	7
			0			3	0	1	4	0	4			0			3	7
			0			3	1	0	4	0	4			0			3	7
			0			2	1	1	4	0	4	0	1	1			2	7
			0			3	0	0	3	0	3			0			3	6
			0			1	0	2	3	0	3	1	0	1			1	5
			0			2	1	0	3	0	3			0			2	5
			0			2	0	0	2	0	2	0	0	1			2	5
			0			2	0	0	2	0	2			0			2	4
			0					3	3	0	3	0	1	1			0	4
			1			1	0	0	1	0	2	0	1	1			1	4
			0			2	0	0	2	0	2			0			2	4
			16			171	38	59	268	0	284	4	10	18			144	446

Table 14I-13d: Mount Peyton Caribou Herd group composition from classification surveys, October 19, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			1	0	0	1	0	1			0	0	1	1	2
			0			1	0	0	1	0	1			0	1	0	1	2
			0			0	2	0	2	0	2			0			0	2
			0			1	0	0	1	0	1			0	0	1	1	2
			0			1	0	0	1	0	1			0	0	1	1	2
			0			1	0	0	1	0	1			0	0	1	1	2
			0			1	0	0	1	0	1			0	0	1	1	2
		1	1			0	1	0	1	0	2			0			0	2
		1	1			0	1	0	1	0	2			0			0	2
			0			0	1	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
2	3	2	7			2	15	0	17	0	24			0	0	2	2	26
2	1		3			1	12	0	13	0	16			0	0	1	1	17
1	2	2	5			0	15	0	15	0	20			0			0	20
1		2	3			7	6	0	13	0	16			0	2	4	6	22
2	1		3			2	7	0	9	0	12			0	1	1	2	14
2	1	1	4			1	9	0	10	0	14			0	0	1	1	15
1		1	2			1	0	0	1	0	3			0	0	11	11	14
	1	1	2			0	11	0	11	0	13			0			0	13
1		3	4			3	3	0	6	0	10			0	0	3	3	13
2		1	3			2	5	0	7	0	10			0	1	1	2	12
1	1		2			1	5	0	6	0	8			0	0	1	1	9
1			1			0	9	0	9	0	10			0			0	10
1			1			0	6	0	6	0	7			0			0	7
	1	1	2			0	5	0	5	0	7			0			0	7
1		1	2			2	1	0	3	0	5			0	1	1	2	7
	1	2	3			0	4	0	4	0	7			0			0	7
1			1			1	3	0	4	0	5			0	0	1	1	6
1			1			0	4	0	4	0	5			0			0	5
			0			2	1	0	3	0	3			0	0	2	2	5
1			1			0	4	0	4	0	5			0			0	5
	1	1	2			0	2	0	2	0	4			0			0	4
			0			0	4	0	4	0	4			0			0	4
			0			1	2	0	3	0	3			0	1	0	1	4
		1	1			1	1	0	2	0	3			0	0	1	1	4
1			1			0	2	0	2	0	3			0	1	0	1	4
1			1			1	1	0	2	0	3			0	0	1	1	4
			0			2	0	0	2	0	2			0	1	1	2	4
			0			0	3	0	3	0	3			0			0	3
	1		1			0	2	0	2	0	3			0			0	3
1			1			1	0	0	1	0	2			0	0	1	1	3
	1	1	2			0	1	0	1	0	3			0			0	3
1			1			0	2	0	2	0	3			0			0	3
			0			1	1	0	2	0	2			0			1	3
27	15	22	64			38	152	0	190	0	254			0	9	38	48	302

Table 14I-13e: Mount Peyton Caribou Herd group composition from classification surveys, June 15 and 16, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						2	0	2			0			0	2
			1			1	0	0	1	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			1			1	0	0	1	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						1	0	1			0			0	1
			1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
1			1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
			0			22	6	11	39	0	39	3	3	6			0	45
			1			6	4	3	13	0	14	2	1	3			0	17
			1			3	6	4	13	0	14	2	3	5			0	19
4	2	2	8						16	0	24			0	3	1	4	28
			1			9	3	6	18	0	19	0	3	3			0	22
			3			18	3	4	25	0	28	3	1	4			0	32
1	1	1	3						16	0	19			0	2	3	5	24
3	2	1	6						46	0	52			0	6	1	8	60
1		1	2						9	0	11			0	2	1	3	14
1	1		2						9	0	11			0	1	2	5	16
			0			3	1	6	10	0	10	1	2	4			0	14
			1			6	0	0	6	0	7	0	2	2			0	9
1			1						4	0	5			0	1	2	3	8
			1			4	0	3	7	0	8	1	0	1			0	9
2			2						4	0	6			0	0	1	1	7
			0			3	0	2	5	0	5			0			0	5
			1			2	1	1	4	0	5			0			0	5
			0			0	2	3	5	0	5			0			0	5
			0			0	1	2	3	0	3	0	1	1			0	4
2			2						2	0	4			0			0	4
			0			1	0	3	4	0	4			0			0	4
			0			0	2	1	3	0	3	0	1	1			0	4
1			1						2	0	3			0	1	0	1	4
1	1		2						1	0	3			0	0	1	1	4
			0			1	0	3	4	0	4			0			0	4
			0			3	1	0	4	0	4			0			0	4
			0			2	0	0	2	0	2	1	0	1			0	3
			0			0	1	1	2	0	2	0	1	1			0	3
			0						3	0	3			0			0	3

Table 14I-13e (con'd): Mount Peyton Caribou Herd group composition from classification surveys, June 15 and 16, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						1	0	2			0	0	1	1	3
			0			3	0	0	3	0	3			0			0	3
			0					3	3	0	3			0			0	3
22	8	6	49			91	33	58	299	0	348	13	18	32	16	13	32	412

Table 14I-14a: Pot Hill Caribou Herd group composition from classification surveys, June 10, 1966.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						17	0	17			0			8	25
			0						11	0	11			1			8	20
			0						10	0	10			0			6	16
			0						14	0	14			0			9	23
			2						39	0	41			3			25	69
			0						26	0	26			0			18	44
			0						12	0	12			1			10	23
			0						8	0	8			0			8	16
			0						10	0	10			1			9	20
			0						6	0	6			1			3	10
			0						4	0	4			0			4	8
			1						5	0	6			0			3	9
			0						4	0	4			0			3	7
			0						3	0	3			0			3	6
			0						3	0	3			0			2	5
			0						3	0	3			0			2	5
			0						3	0	3			0			2	5
			0						3	0	3			0			2	5
			0						2	0	2			0			2	4
			0						1	0	1			2			0	3
			0						2	0	2			0			0	2
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			0						1	0	1			0			1	2
			0						1	0	1			0			1	2
			3						195	0	198			9			131	338

Table 14I-14b: Pot Hill Caribou Herd group composition from classification surveys, June 10, 11 and 12, 1968.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
			0						12	0	12			0			6	18
			0						20	0	20			4			12	36
			0						12	0	12			0			6	18
			0						21	0	21			1			11	33
			0						10	0	10			3			4	17
			0						6	0	6			0			5	11
			0						8	0	8			1			6	15
			0						6	0	6			0			4	10
			0						8	0	8			0			4	12
			0						5	0	5			0			4	9
			0						4	0	4			0			2	6
			0						3	0	3			1			3	7
			0						4	0	4			0			3	7
			0						4	0	4			1			2	7
			0						4	0	4			1			1	6
			0						3	0	3			0			3	6
			0						4	0	4			0			2	6
			0						4	0	4			0			1	5
			0						3	0	3			0			2	5
			0						1	0	1			0			1	2
			0						2	0	2			0			0	2
			0						147	0	147			12			82	241

Table 14I-14c: Pot Hill Caribou Herd group composition from classification surveys, June 8, 1970.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						32	0	32			2			18	52
			0						27	0	27			4			19	50
			4						22	0	26			2			17	45
			1						19	0	20			1			11	32
			0						32	0	32			2			18	52
			1						31	0	32			5			17	54
			1						29	0	30			3			24	57
			7						192	0	199			19			124	342

Table 14I-14d: Pot Hill Caribou Herd group composition from classification surveys, October 12, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1		1	2						11	0	13			0	0.00	2.00	4	17
1	1	1	3						10	0	13			0	1.00	1.00	3	16
2	1	2	5						10	0	15			0	1.00	1.00	3	18
1			1						7	0	8			0	0.00	1.00	3	11
1		1	2						8	0	10			0	0.00	1.00	1	11
2		1	3						7	0	10			0	0.00	1.00	1	11
1	1	1	3						11	0	14			0			0	14
1		1	2						9	0	11			0	0.00	1.00	1	12
2			2						9	0	11			0	1.00	0.00	1	12
1		1	2						10	0	12			0	0.00	1.00	1	13
1	1		2						10	0	12			0			1	13
1	1	1	3						7	0	10			0	1.00	2.00	4	14
1			1						10	0	11			0	2.00	0.00	2	13
	1	1	2						4	0	6			0	1.00	1.00	2	8
1			1						6	0	7			0			0	7
	1		1						5	0	6			0			0	6
1			1						5	0	6			0			0	6
1			1						3	0	4			0	1.00	1.00	2	6
1			1						3	0	4			0	1.00	1.00	2	6
	1	1	2						3	0	5			0	1.00	1.00	2	7
1			1						5	0	6			0	1.00	0.00	1	7
1			1						4	0	5			0			0	5
1		1	2						2	0	4			0	0.00	1.00	1	5
	1	1	2						3	0	5			0			0	5
1	1		2						3	0	5			0			0	5
1		1	2						3	0	5			0			0	5
1			1						3	0	4			0	0.00	1.00	1	5
	1	1	2						2	0	4			0			0	4
		2	2						2	0	4			0			0	4
			0						3	0	3			0	1.00	0.00	1	4
	1		1						2	0	3			0			1	4
1			1						3	0	4			0			0	4
1	1		2						2	0	4			0			0	4
1			1						1	0	2			0	1.00	0.00	1	3
1			1						1	0	2			0			1	3
	1		1						1	0	2			0	0.00	1.00	1	3
		1	1						1	0	2			0			1	3
2			2						1	0	3			0			0	3
		1	1						1	0	2			0	0.00	1.00	1	3
		1	1						1	0	2			0	0.00	1.00	1	3
1			1						1	0	2			0	0.00	1.00	1	3

Table 14I-14d (con'd): Pot Hill Caribou Herd group composition from classification surveys, October 12, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						1	0	2			0	1.00	0.00	1	3
1	1		2						0	0	2			0			0	2
1		1	2						0	0	2			0			0	2
			0						1	0	1			0	0.00	1.00	1	2
			0						1	0	1			0	0.00	1.00	1	2
			0						1	0	1			0			1	2
		1	1						1	0	2			0			0	2
			0						1	0	1			0			1	2
	1		1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
42	22	23	87						203	0	290			0	14	23	50	340

Table 14I-14e: Pot Hill Caribou Herd group composition from classification surveys, June 15, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			2			8	11	9	28	0	30	0	1	1			8	39
			5			1	7	5	13	0	18	1	0	1			1	20
			1			9	7	5	21	0	22	1	2	3			9	34
			10			8	7	2	17	0	27	0	1	1			8	36
			3			4	6	4	14	0	17			0			4	21
			3			6	4	2	12	0	15			0			6	21
			1			7	5	5	17	0	18			0			7	25
			3			4	5	1	10	0	13			0			4	17
			2			5	4	2	11	0	13			0			5	18
			0			4	6	2	12	0	12	0	1	1			4	17
			0			5	3	4	12	0	12			0			5	17
			4			0	4	4	8	0	12	0	1	1			0	13
			2			3	1	5	9	0	11	0	1	1			3	15
			1			2	5	1	8	0	9	1	1	2			2	13
			1			3	2	0	5	0	6			0			3	9
			0			4	0	1	5	0	5			0			4	9
			1			2	2	1	5	0	6			0			2	8
			2			1	1	1	3	0	5			0			1	6
			4			0	1	1	2	0	6			0			0	6
			0			2	1	0	3	0	3	0	1	1			2	6
			0			2	2	1	5	0	5			0			2	7
			2			0	1	2	3	0	5	1	0	1			0	6
			0			3	0	0	3	0	3			0			3	6
			0			2	0	1	3	0	3			0			2	5
			3					1	1	0	4	0	1	1			0	5
			0			1	2	0	3	0	3			0			1	4
			0			0	3	1	4	0	4			0			0	4
			1					2	2	0	3			0			0	3
			0			0	1	1	2	0	2	0	0	1			0	3
			0			1	0	0	1	0	1			0			1	2
			0			0	1	1	2	0	2			0			0	2
			51			87	92	65	244	0	295	4	10	15			87	397

Table 14I-14f: Pot Hill Caribou Herd group composition from classification surveys, October 12, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
2	3	3	8			1	8	0	9	0	17			0			1	18
2		3	5			2	11	0	13	0	18			0			2	20
1		1	2			2	14	0	16	0	18			0			2	20
1		3	4			2	9	0	11	0	15			0			2	17
1	1	3	5			1	10	0	11	0	16			0			1	17
3	2	2	7			4	26	0	30	0	37			0			4	41
1	1		2			1	10	0	11	0	13			0			1	14
1	1		2			1	6	0	7	0	9			0			1	10
3			3			1	6	0	7	0	10			0			1	11
1		1	2			1	4	0	5	0	7			0			1	8
1		1	2			1	5	0	6	0	8			0			1	9
	1	1	2			2	2	0	4	0	6			0			2	8
1			1			1	5	0	6	0	7			0			1	8
1			1			2	3	0	5	0	6			0			2	8
1	1	1	3			0	5	0	5	0	8			0			0	8
2			2			0	6	0	6	0	8			0			0	8
1	1		2			1	3	0	4	0	6			0			1	7
1			1			0	5	0	5	0	6			0			0	6
2			2			1	2	0	3	0	5			0			1	6
1			1			2	0	0	2	0	3			0			2	5
1			1			0	3	0	3	0	4			0			0	4
1		1	2			1	0	0	1	0	3			0			1	4
1			1			1	1	0	2	0	3			0			1	4
1		1	2			1	0	0	1	0	3			0			1	4
1		1	2			1	0	0	1	0	3			0			1	4
1			1			0	2	0	2	0	3			0			0	3
	1		1			1	0	0	1	0	2			0			1	3
1			1			0	1	0	1	0	2			0			0	2
1			1			0	1	0	1	0	2			0			0	2
1	1		2						0	0	2			0			0	2
1	1		2						0	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			0	2	0	2	0	2			0			0	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
			0			1	0	0	1	0	1			0			1	2
40	14	22	76			36	150	0	186	0	262			0			36	298

Table 14I-14g: Pot Hill Caribou Herd group composition from classification surveys, June 15, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0					1	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0					1	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			0			12	1	4	17	0	17	1	0	1			0	18
			1			19	6	5	30	0	31	3	0	4			0	35
			1			10	5	5	20	0	21	1	1	2			0	23
			7			9	7	10	26	0	33	1	3	4			0	37
			0			10	0	5	15	0	15	1	2	3			0	18
			4			5	1	4	10	0	14	3	1	4			0	18
			0			10	1	2	13	0	13	2	1	3			0	16
			0			13	0	1	14	0	14	1	0	2			0	16
			0			7	3	7	17	0	17	0	2	2			0	19
			1			13	16	12	41	0	42	3	5	8			0	50
			2			7	1	0	8	0	10			0			0	10
			0			5	2	3	10	0	10	0	1	2			0	12
			2			2	3	3	8	0	10			0			0	10
			0			13	1	0	14	0	14	0	0	1			0	15
			1			3	2	3	8	0	9	0	2	2			0	11
			2			2	1	4	7	1	10	1	1	2			0	12
			0			5	4	0	9	0	9			0			0	9
			2			5	0	2	7	0	9			0			0	9
			2			0	2	1	3	1	6			0			0	6
			0			2	2	0	4	1	5	0	0	1			0	6
			1			0	4	1	5	0	6	0	1	1			0	7
			1			0	1	3	4	0	5	1	0	1			0	6
			0			3	1	0	4	1	5	1	0	1			0	6
			0			2	2	2	6	0	6	0	1	1			0	7
			0			3	1	1	5	0	5			0			0	5
			1			0	1	2	3	0	4			0			0	4
			0			0	3	1	4	0	4			0			0	4
			0			3	0	1	4	0	4			0			0	4
			0			1	0	1	2	0	2	1	1	2			0	4
			0			2	0	0	2	0	2	0	0	1			0	3
			0			2	0	0	2	0	2			0			0	2
			0					2	2	0	2			0			0	2
			0						0	0	0	1	1	2			0	2
			0			0	1	0	1	1	2			0			0	2
			0			2	0	0	2	0	2			0			0	2
			28			171	73	88	332	5	365	21	23	50			0	415

Table 14I-14h: Pot Hill Caribou Herd group composition from classification surveys, October 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1	1	2	4						15	0	19			0	1	1	3	22
1	1	2	4						13	0	17			0	2	1	3	20
1			1						9	0	10			0	2	4	6	16
2			2						9	0	11			0	2	1	3	14
1		2	3						8	0	11			0	2	1	3	14
1			1						6	0	7			0	2	2	4	11
1	1	1	3						8	0	11			0	1	2	3	14
1	1		2						8	0	10			0	2	1	3	13
2	1	2	5						9	0	14			0	0	1	1	15
1	1		2						7	1	10			0	0	1	1	11
1		1	2						4	0	6			0	0	2	2	8
1			1						6	0	7			0	0	1	1	8
1		2	3						3	0	6			0	2	1	3	9
	2		2						3	0	5			0	0	2	3	8
2	1		3						4	0	7			0	0	1	1	8
	1	1	2						3	0	5			0	1	0	1	6
1			1						3	1	5			0	0	1	1	6
1	1	1	3						3	0	6			0	0	1	1	7
	1	1	2						2	0	4			0	1	0	1	5
	2		2						2	0	4			0	1	0	1	5
1	1		2						2	0	4			0	1	0	1	5
	1	2	3						1	0	4			0	0	1	1	5
1	1		2						2	0	4			0	1	0	1	5
1			1						3	0	4			0	0	1	1	5
1			1						2	0	3			0	1	0	1	4
	1		1						2	0	3			0	0	1	1	4
1			1						2	0	3			0	0	1	1	4
1			1						2	0	3			0	0	1	1	4
	1	1	2						1	0	3			0	1	0	1	4
	1		1						2	0	3			0	0	1	1	4
		1	1						3	0	4			0			0	4
1			1						2	0	3			0	1	0	1	4
1			1						2	0	3			0	0	1	1	4
	1		1						2	0	3			0	0	1	1	4
			0						2	0	2			0	2	0	2	4
1			1						2	0	3			0			0	3
1			1						1	0	2			0	1	0	1	3
1			1						2	0	3			0			0	3
1			1						2	0	3			0			0	3
1			1						1	0	2			0	0	1	1	3
1			1						2	0	3			0			0	3
			0						2	0	2			0	0	1	1	3
	1		1						1	0	2			0			0	2
1			1						1	0	2			0			0	2

Table 14I-14h (con'd): Pot Hill Caribou Herd group composition from classification surveys, October 17, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
37	23	19	79						174	2	255			0	29	35	66	321

Table 14I-15a: Sandy Lake Caribou Herd group composition from classification surveys, October 12, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
			0						0	0	0			0	1	0	1	1
			0						0	1	1			0			0	1
			0						1	0	1			0			0	1
			0						1	0	1			0			0	1
1			1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
			0						1	0	1			0			0	1
		1	1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
		1	1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1	1	2	4						16	0	20			0			0	20
2	2	2	6						24	0	30			0	0	1	1	31
1	1	3	5						18	1	24			0			0	24
1	3		4						13	1	18			0	0	1	2	20
1	1	4	6						11	0	17			0	2	0	2	19
1		3	4						8	0	12			0	1	3	4	16
1		1	2						11	0	13			0	1	3	4	17
1	3	1	5						14	0	19			0	0	3	3	22
4		3	7						25	0	32			0	0	1	1	33
1	2	1	4						12	0	16			0			0	16
2	2	1	5						8	0	13			0			1	14
1	1	2	4						8	0	12			0			0	12
1	1	2	4						6	0	10			0	2	0	2	12
1		4	5						8	0	13			0	0	1	1	14
1		1	2						7	1	10			0	0	1	1	11
1		1	2						6	0	8			0			0	8
1			1						5	0	6			0	2	0	2	8
1		1	2						4	0	6			0	1	1	2	8
1	1		2						7	0	9			0			0	9
1	1		2						3	0	5			0	1	0	1	6
1			1						4	0	5			0			1	6
1			1						5	0	6			0			0	6
1			1						4	1	6			0			0	6
1			1						4	0	5			0	1	0	1	6
		3	3						3	0	6			0			0	6
1			1						3	0	4			0	0	2	2	6
1	1	1	3						2	0	5			0	1	1	2	7
1	1	2	4						1	1	6			0			1	7
1			1						4	0	5			0	1	1	2	7
1			1						3	0	4			0	0	1	1	5

Table 14I-15a (con'd): Sandy Lake Caribou Herd group composition from classification surveys, October 12, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						2	1	4			0	1	0	1	5
	1		1						2	0	3			0	1	1	2	5
	1	1	2						2	0	4			0	1	0	1	5
1		1	2						3	0	5			0			0	5
1			1						4	0	5			0			0	5
1			1						4	0	5			0			0	5
	1	1	2						1	0	3			0	0	1	1	4
1			1						3	0	4			0			0	4
1		1	2						2	0	4			0			0	4
1			1						3	0	4			0			0	4
1			1						3	0	4			0			0	4
1			1						2	0	3			0	1	0	1	4
1			1						2	0	3			0	0	1	1	4
1			1						1	1	3			0	0	1	1	4
	1		1						1	0	2			0	1	0	1	3
			0						2	0	2			0			1	3
		1	1						2	0	3			0			0	3
1			1						1	0	2			0			1	3
1			1						1	0	2			0			1	3
1			1						1	0	2			0			1	3
	1		1						1	0	2			0	0	1	1	3
1			1						1	0	2			0	0	1	1	3
	1		1						1	0	2			0	0	1	1	3
		1	1						1	0	2			0	0	1	1	3
		2	2						1	0	3			0			0	3
1		1	2						1	0	3			0			0	3
			0						2	0	2			0	1	0	1	3
1		1	2						0	0	2			0			1	3
1			1						1	1	3			0			0	3
	1		1						1	0	2			0	0	1	1	3
			0						2	0	2			0	0	1	1	3
	1		1						1	0	2			0	1	0	1	3
2			2						1	0	3			0			0	3
1		1	2						1	0	3			0			0	3
			0						1	0	1			0			1	2
1		1	2						0	0	2			0			0	2
1		1	2						0	0	2			0			0	2
	1		1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
		1	1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
1			1						0	0	1			0	1	0	1	2
1			1						1	0	2			0			0	2
	2		2						0	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						1	0	1			0	0	1	1	2

Table 14I-15a (con'd): Sandy Lake Caribou Herd group composition from classification surveys, October 12, 1994.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
1			1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
68	37	57	162						322	9	493			0	23	32	65	558

Table 14I-15b: Sandy Lake Caribou Herd group composition from classification surveys, June 13, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						0	0	0	0	0	1			0	1
			0					1	1	0	1			0			0	1
			0			0	1	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0						0	0	0	0	1	1			0	1
			0			0	1	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			1						0	0	1			0			0	1
			8			8	4	8	20	0	28			0			8	36
			26			28	7	15	50	0	76	2	5	7			28	111
			1			6	1	2	9	0	10	1	0	1			6	17
			0			4	0	2	6	0	6			0			4	10
			1			3	0	2	5	0	6	0	1	1			3	10
			1			3	1	2	6	0	7	1	1	2			3	12
			1			3	2	3	8	0	9			0			3	12
			0			2	0	2	4	0	4	0	2	2			2	8
			0			4	0	0	4	0	4	0	1	1			4	9
			0			3	2	0	5	0	5			0			3	8
			1			3	1	0	4	0	5	0	1	1			3	9
			1			3	0	0	3	0	4			0			3	7
			0			3	0	0	3	0	3			0			3	6
			0			2	0	1	3	0	3	0	1	1			2	6
			2			0	2	2	4	0	6	0	1	1			0	7
			0			2	1	1	4	0	4			0			2	6
			3					2	2	0	5			0			0	5
			0			2	0	0	2	0	2	0	0	1			2	5
			0			2	0	0	2	0	2			0			2	4
			0			2	0	0	2	0	2			0			2	4
			0			1	1	0	2	0	2			0			1	3
			0			1	1	0	2	0	2			0			1	3
			2						0	0	2	0	0	1			0	3
			0			0	1	1	2	0	2			0			0	2
			50			85	26	44	155	0	205	4	14	21			85	311

Table 14I-15c: Sandy Lake Caribou Herd group composition from classification surveys, October 11, 1995.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
	1		1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
1			1						0	0	1			0			0	1
			0						1	0	1			0			0	1
5	3	7	15						14	0	29			0			3	32
4	2	2	8						13	0	21			0			0	21
3	3	6	12						28	0	40			0			1	41
2	3	1	6						18	0	24			0			0	24
1	1		2						12	0	14			0			2	16
5		9	14						33	0	47			0			2	49
2	1	2	5						12	0	17			0			0	17
2	1		3						10	0	13			0			0	13
1			1						9	0	10			0			1	11
1	1	3	5						7	0	12			0			0	12
1			1						9	0	10			0			2	12
2		2	4						5	0	9			0			2	11
2	1		3						6	0	9			0			0	9
1		2	3						3	0	6			0			2	8
1			1						5	0	6			0			0	6
1	1		2						2	0	4			0			2	6
2		1	3						3	0	6			0			0	6
1		1	2						4	0	6			0			0	6
		1	1						4	0	5			0			0	5
1	1		2						2	0	4			0			1	5
1			1						1	1	3			0			1	4
	2		2						2	0	4			0			0	4
1			1						3	0	4			0			0	4
2			2						2	0	4			0			0	4
		1	1						2	0	3			0			0	3
1			1						1	0	2			0			1	3
1		1	2						0	0	2			0			1	3
			0						2	0	2			0			1	3
1			1						1	0	2			0			1	3
1			1						2	0	3			0			0	3
1			1						1	0	2			0			1	3
	1		1						1	0	2			0			1	3
			0						1	0	1			0			1	2
	1		1						1	0	2			0			0	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
50	23	39	112						224	1	337			0			26	363

Table 14I-15d: Sandy Lake Caribou Herd group composition from classification surveys, June 20, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			1	0	0	1	0	1			0			0	1
			0			1	0	0	1	0	1			0			0	1
			1						0	0	1			0			0	1
			0					1	1	0	1			0			0	1
			2			11	1	0	12	0	14	2	0	2			0	16
			2			5	3	5	13	1	16	0	0	1			0	17
			2			8	5	6	19	0	21	1	1	2			0	23
			3			4	1	2	7	0	10	1	0	1			0	11
			0			2	1	3	6	2	8	2	1	3			0	11
			0			6	2	2	10	0	10			0			0	10
			0			5	2	1	8	0	8	0	2	3			0	11
			0			7	3	0	10	0	10			0			0	10
			0			7	1	0	8	2	10	1	0	1			0	11
			2			6	0	2	8	0	10	0	1	1			0	11
			0			4	4	3	11	0	11	1	3	4			0	15
			0			7	3	0	10	0	10	1	1	4			0	14
			0			3	2	3	8	0	8	1	0	1			0	9
			1			3	1	2	6	0	7	0	0	1			0	8
			1			3	0	3	6	0	7	0	0	1			0	8
			1			1	1	5	7	0	8			0			0	8
			0			3	3	1	7	0	7	1	0	1			0	8
			2			4	1	1	6	0	8			0			0	8
			1			1	1	2	4	0	5	1	0	1			0	6
			0			3	1	2	6	0	6			0			0	6
			1			3	0	2	5	0	6			0			0	6
			0			2	2	2	6	0	6	0	0	1			0	7
			0			2	1	1	4	0	4	0	2	2			0	6
			1			2	1	1	4	0	5			0			0	5
			0			3	1	0	4	0	4	1	0	1			0	5
			2			1	1	1	3	0	5			0			0	5
			0			1	2	2	5	0	5			0			0	5
			0			2	2	1	5	0	5			0			0	5
			0			5	0	0	5	0	5			0			0	5
			0			3	2	0	5	0	5			0			0	5
			0			5	0	0	5	0	5			0			0	5
			0			3	0	0	3	0	3	2	0	2			0	5
			4						0	0	4			0			0	4
			0			0	2	1	3	0	3	0	1	1			0	4
			0			0	1	1	2	0	2	0	0	1			0	3
			2			0	1	0	1	0	3			0			0	3
			0			1	1	0	2	0	2	0	0	1			0	3
			0			2	0	1	3	0	3			0			0	3
			2						0	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			1			0	1	0	1	0	2			0			0	2
			0			1	0	0	1	0	1	0	1	1			0	2
			0					2	2	0	2			0			0	2
			0			1	1	0	2	0	2			0			0	2
			0			0	1	1	2	0	2			0			0	2
			0			1	0	1	2	0	2			0			0	2

Table 14I-15d (con'd): Sandy Lake Caribou Herd group composition from classification surveys, June 20, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0			2	0	0	2	0	2			0			0	2
			0			1	0	1	2	0	2			0			0	2
			0			0	1	0	1	0	1	1	0	1			0	2
			0			1	1	0	2	0	2			0			0	2
			32			137	59	62	258	5	295	16	13	38			0	333

Table 14I-15e: Sandy Lake Caribou Herd group composition from classification surveys, October 16, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						0	0	0			0	0	1	1	1
			0						1	0	1			0			0	1
	1		1						0	0	1			0			0	1
			0						0	0	0			0			1	1
	1		1						0	0	1			0			0	1
	1		1						0	0	1			0			0	1
1	1		2						11	0	13			0	2	2	7	20
2	1	1	4						12	0	16			0	1	3	4	20
2	2		4						23	0	27			0	0	1	1	28
1	1	4	6						8	0	14			0	1	0	1	15
1		1	2						7	0	9			0	1	0	1	10
1		1	2						8	0	10			0	0	2	2	12
1		3	4						7	0	11			0	1	0	1	12
1	1		2						7	1	10			0	1	2	3	13
1			1						5	1	7			0			1	8
1	1		2						4	0	6			0	1	2	3	9
1			1						5	0	6			0	0	1	1	7
	1	1	2						2	0	4			0	2	0	2	6
1	1		2						2	0	4			0	0	1	1	5
1			1						3	0	4			0	1	0	1	5
1			1						2	0	3			0	2	0	2	5
2			2						2	0	4			0	0	1	1	5
	1		1						3	0	4			0			1	5
1			1						3	0	4			0			1	5
1			1						1	0	2			0	0	1	1	3
		1	1						1	0	2			0			1	3
1			1						2	0	3			0			0	3
1			1						2	0	3			0			0	3
1			1						1	0	2			0	1	0	1	3
		1	1						2	0	3			0			0	3
1			1						2	0	3			0			0	3
		2	2						1	0	3			0			0	3
		2	2						1	0	3			0			0	3
1		1	2						1	0	3			0			0	3
1			1						2	0	3			0			0	3
			0						1	0	1			0	1	0	1	2
			0						2	0	2			0			0	2
			0						2	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
1			1						1	0	2			0			0	2
			0						1	0	1			0	0	1	1	2
			0						1	0	1			0	0	1	1	2
			0						2	0	2			0			0	2
1			1						0	1	2			0			0	2
1			1						1	0	2			0			0	2
	1		1						1	0	2			0			0	2
1			1						1	0	2			0			0	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2
			0						1	0	1			0	1	0	1	2

Table 14I-15e (con'd): Sandy Lake Caribou Herd group composition from classification surveys, October 16, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
			0						1	0	1			0	0	1	1	2
1			1						1	0	2			0			0	2
31	14	18	63						150	3	216			0	19	20	47	263

Table 14I-16a: St. Anthony Caribou Herd group composition from classification surveys, November 5, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
3	2	2	7						10	0	17			0	3	5	8	25
3	1		4						7	0	11			0	1	4	5	16
5	1	1	7						4	0	11			0	1	3	5	16
2	1	3	6						4	0	10			0	2	4	6	16
4	3	1	8						5	0	13			0	2	1	3	16
2	1	2	5						16	0	21			0	3	0	3	24
1	3		4						10	0	14			0	1	2	3	17
1	1	1	3						21	1	25			0	3	4	7	32
1			1						14	0	15			0	0	3	3	18
3	2	1	6						14	0	20			0	3	4	7	27
1	2	1	4						3	0	7			0	1	2	3	10
		2	2						6	0	8			0	1	1	2	10
	1		1						7	0	8			0	0	2	2	10
		1	1						10	0	11			0	1	2	3	14
2	1	1	4						5	0	9			0	1	3	4	13
1	3		4						3	0	7			0	1	2	3	10
1	1		2						4	0	6			0	1	3	4	10
3	1	1	5						5	0	10			0	0	3	3	13
	2	1	3						5	1	9			0	1	4	5	14
3	1	1	5						3	0	8			0	1	2	3	11
		4	4						5	0	9			0	6	0	6	15
	1		1						9	0	10			0	2	0	2	12
3	1		4						4	0	8			0	1	3	4	12
1	2		3						5	1	9			0	2	1	3	12
3	2		5						4	0	9			0	2	0	2	11
2		1	3						7	1	11			0	1	1	2	13
2	2	2	6						3	0	9			0	2	0	2	11
			0						7	0	7			0	1	0	1	8
2	2		4						2	0	6			0	2	0	2	8
1			1						4	0	5			0	2	2	4	9
1	1		2						4	0	6			0	3	0	3	9
		1	1						5	0	6			0	1	2	3	9
		1	1						6	0	7			0	1	1	2	9
2	1		3						4	0	7			0	0	2	2	9
		1	1						6	0	7			0	0	2	2	9
	2		2						4	0	6			0	2	1	3	9
2	1	1	4						3	0	7			0	1	1	2	9
1		1	2						4	0	6			0	1	2	3	9
3	1		4						3	0	7			0	1	0	1	8
3	2	1	6						1	0	7			0	0	1	1	8
			0						5	0	5			0	1	2	3	8
1	3	1	5						1	0	6			0	0	1	1	7
	1		1						3	0	4			0	0	2	2	6
1			1						3	1	5			0	1	0	1	6
1			1						4	0	5			0	1	0	1	6
2			2						3	0	5			0	0	1	1	6
3			3						2	0	5			0			1	6
	1	1	2						4	0	6			0	0	1	1	7
		1	1						4	0	5			0	1	1	2	7
3	1		4						3	0	7			0			0	7

Table 14I-16a (con'd): St. Anthony Caribou Herd group composition from classification surveys, November 5, 1996.

Stags				Does						Adults		Yearlings			Calves			Total Caribou
Large	Medium	Small	Total	Antlered	No Antlers	Uddered with calf	Uddered no calf	Barren	Total	Unknown	Total	Male	Female	Total	Male	Female	Total	
2			2						1	0	3			0	1	1	2	5
2			2						2	0	4			0	0	1	1	5
1		1	2						1	1	4			0	1	0	1	5
2		1	3						1	0	4			0	1	0	1	5
	1		1						3	1	5			0			0	5
2			2						2	0	4			0	1	0	1	5
1	1		2						1	0	3			0	0	1	1	4
1			1						2	0	3			0			1	4
			0						4	0	4			0			0	4
			0						3	0	3			0	1	0	1	4
			0						2	0	2			0	0	2	2	4
1			1						2	0	3			0	0	1	1	4
			0						2	0	2			0	0	1	1	3
2			2						1	0	3			0			0	3
	1	1	2						1	0	3			0			0	3
	1		1						1	0	2			0	1	0	1	3
			0						1	0	1			0	1	0	1	2
87	55	38	180						308	7	495			0	69	88	160	655