# 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



Distribution and Movement of the Corner Brook Lakes Caribou Herd

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

Final Report December 2000

#### VOLUME 6

### DISTRIBUTION AND MOVEMENT OF THE CORNER BROOK LAKES CARIBOU HERD

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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.

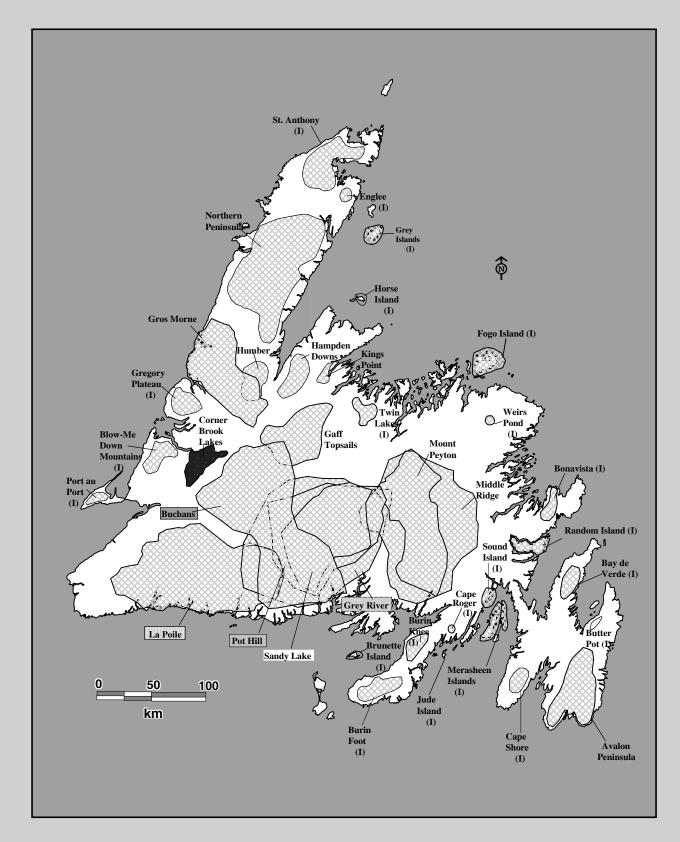


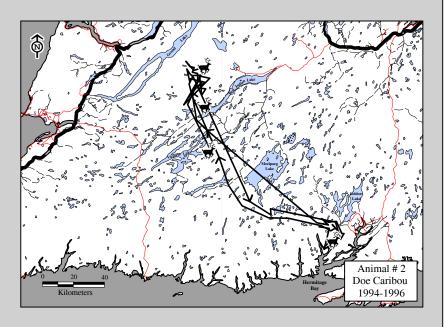
Fig 6-1. Insular Newfoundland caribou herd distribution based on radio telemetry, census, herd composition survey, and observational data. Introduced herds are indicated with an I.

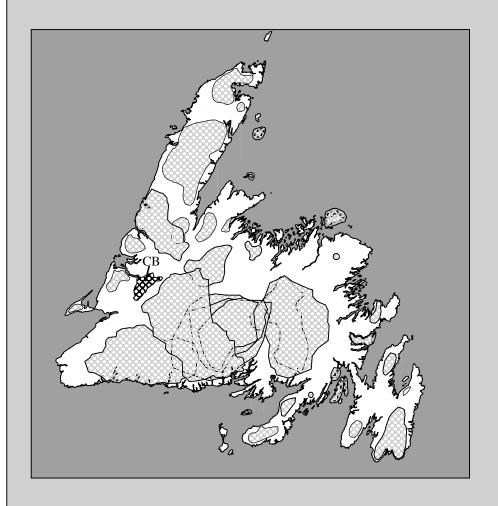
Table 6-1. The period of study, age classes examined, the number of caribou monitored, and the number of telemetry locations collected for 9 caribou herds studied in insular Newfoundland.

Volume	Caribou Herd	Period of study	Age classes studied (N caribou collared in each age class)	Total number of telemetry locations	Total number of caribou monitored	Mean number of locations per caribou	Total number of surveys
5	Buchans	Sept. 15, 1994 to Feb. 20, 1998	Two-year olds (6) Adults 3+ (59)	4,576	65	70	124
6	Corner Brook Lakes	Mar. 16, 1994 to Nov. 20, 1997	Calves (45) Yearlings (1) Two-year olds (3) Adults 3+ (31)	2,209	70	32	148
7	Grey River	July 11, 1979 to Oct. 21, 1986	Calves (192) Yearlings (4) Two-year olds (2) Adults 3+ (83)	4,178	281	15	222
	Sandy Lake	Aug. 19, 1979 to Oct. 21, 1986	Calves (15) Yearlings (1) Adults 3+ (7)	294	23	13	106
	Gros Morne (VHF radio collars)	Aug. 20, 1992 to Nov. 27, 1997	Calves (65) Yearlings (12) Two-year olds (2) Adults 3+ (41)	1,510	120	13	126
8	Gros Morne (ARGOS collars)	Jan. 23, 1993 to Oct. 7, 1995	Adult females (16)	3,269	16	204	597
	Gros Morne (GPS collars)	Jan. 11, 1996 to July 23, 1998	Adults (13)	11,903	13	916	676
9	La Poile	June 6, 1985 to Sept. 26, 1990	Calves (101) Yearlings (1) Adults 3+ (161)	3,786	263	14	157
10	Middle Ridge	June 22, 1982 to May 2, 1997	Calves (75) Yearlings (2) Two-year olds (9) Adults 3+ (75)	7,056	161	44	358
11	Mount Peyton	Sept. 21, 1982 to May 2, 1997	Calves (11) Yearlings (2) Adults 3+ (6)	1,003	19	53	286
12	Pot Hill	July 21, 1979 to May 28, 1984	Calves (13) Adults 3+ (20)	655	33	20	147
Caribou Herds of insular Newfoundland		July 11, 1979 to July 23, 1998	Calves (517) Yearlings (23) Two-year olds (22) Adults 3+ (512)	40,439	1,064	1,394	2,947

# **Section 6A:**

Telemetry Sample Sizes and Home Range Calculations by Herd Composition and Time.





# Caribou Herd

**Corner Brook Lakes (CB)** 

Table 6A-1. Corner Brook Lakes Caribou Herd. By year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

		Number of		Number of	Home ra	nge (km²)
Period	Year	surveys	radio telemetry locations	caribou monitored	75% Harmonic mean	95% Minimum convex polygon
All periods/ years combined	-	148	2,209	70	291	601
Mar. 16, 1994 to April 30, 1994	1	4	36	13	186	170
May 1, 1994 to April 30, 1995	2	34	339	20	299	329
May 1, 1995 to April 30, 1996	3	65	1,149	34	269	459
May 1, 1996 to April 30, 1997	4	29	491	35	275	552
May 1, 1997 to Nov. 20, 1997	5	16	194	35	268	317

Table 6A-2. Corner Brook Lakes Caribou Herd. By sex and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

5		Number of radio	Number of	Home ra	nge (km²)
Period (Year)	Sex	telemetry locations	caribou monitored	75% Harmonic mean	95% Minimum convex polygon
All periods/	Female	1,504	37	294	479
years combined	Male	700	32	296	511
Mar. 16, 1994	Female	26	9	-	
to April 30, 1994 (Year 1)	Male	10	4	-	-
May 1, 1994	Female	250	14	201	246
to April 30, 1995 (Year 2)	Male	89	6	265	240
May 1, 1995	Female	758	18	294	394
to April 30, 1996 (Year 3)	Male	391	16	215	390
May 1, 1996	Female	328	21	225	418
to April 30, 1997 (Year 4)	Male	163	14	401	461
May 1, 1997	Female	142	21	287	291
to Nov. 20, 1997 (Year 5)	Male	47	13	171	185

Table 6A-3. Corner Brook Lakes Caribou Herd. By age and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

Period		Number of radio	Number of	Home rai	nge (km²)
(Year)	Age	telemetry locations	caribou monitored	75% Harmonic mean	95% Minimum convex polygon
	Calves	397	45	254	467
All periods/	Yearlings	177	10	219	324
years combined	Two-year olds	135	7	156	233
	Adults (3+)	1,500	23	248	486
	Calves	-	-	-	-
Mar. 16, 1994	Yearlings	-	-	-	-
to April 30, 1994 (Year 1)	Two-year olds	3	1	-	-
	Adults (3+)	33	12	189	156
	Calves	60	7	65	57
May 1, 1994	Yearlings	-	-	-	-
to April 30, 1995 (Year 2)	Two-year olds	31	1	366	147
	Adults (3+)	258	12	290	313
	Calves	181	13	252	232
May 1, 1995	Yearlings	95	2	106	100
to April 30, 1996 (Year 3)	Two-year olds	86	2	134	115
	Adults (3+)	787	17	254	398
	Calves	73	10	93	298
May 1, 1996	Yearlings	70	5	430	405
to April 30, 1997 (Year 4)	Two-year olds	22	6	-	-
	Adults (3+)	326	17	242	415
	Calves	83	16	192	355
May 1, 1997	Yearlings	12	4	-	-
to Nov. 20, 1997 (Year 5)	Two-year olds	3	2	-	-
	Adults (3+)	96	13	228	255

Table 6A-4. Corner Brook Lakes Caribou Herd. By season and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

D : 1		<b>N</b> Y 1	Number of	Number	Home ra	nge (km²)
Period (Year)	Season	Number of surveys	radio telemetry locations	of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
	Spring	54	655	68	198	422
All periods/	Summer	34	591	50	188	361
years combined	Fall	22	370	38	276	492
	Winter	38	593	33	326	496
Mar. 16, 1994 to April 30, 1994 (Year 1)	Winter	4	36	13	186	170
	Spring	12	131	20	220	280
May 1, 1994 to April 30,	Summer	5	53	14	212	217
1995 (Year 2)	Fall	4	38	13	194	146
(10112)	Winter	13	117	12	393	314
	Spring	19	203	32	118	294
May 1, 1995 to April 30,	Summer	17	314	26	217	290
1996 (Year 3)	Fall	11	224	25	258	359
(10413)	Winter	18	408	25	287	468
	Spring	12	213	33	242	432
May 1, 1996 to April 30,	Summer	8	152	26	280	321
1997 (Year 4)	Fall	6	94	27	394	538
(10111)	Winter	3	32	22	362	339
May 1, 1997	Spring	11	108	30	241	254
to Nov. 20, 1997	Summer	4	72	30	130	302
(Year 5)	Fall	1	14	14	-	-

Table 6A-5. Corner Brook Lakes Caribou Herd. By sex and season, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

	Sex Number of radio telemetry locations		N. 1 6 1	Home range (km <sup>2</sup> )		
Seasons			Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon	
Caria a	Female	470	36	156	393	
Spring	Male	183	31	229	345	
C	Female	392	27	160	320	
Summer	Male	196	22	202	269	
E 11	Female	253	23	299	422	
Fall	Male	117	15	295	421	
W	Female	389	20	346	349	
Winter	Male	204	13	374	342	

Table 6A-6. Corner Brook Lakes Caribou Herd. By age, sex, and season, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

			Number of radio	Number of	Home ra	nge (km²)
Season	Sex	Age	telemetry locations	caribou monitored	75% Harmonic mean	95% Minimum convex polygon
		Calves	159	42	118	113
	Both	Yearlings	48	8	320	175
	sexes combined	Two-year olds	21	5	-	-
		Adults (3+)	425	21	324	401
	Female	Calves	68	18	56	65
		Yearlings	19	3	-	-
Spring		Two-year olds	6	1	-	-
		Adults (3+)	377	17	287	372
	Male	Calves	91	23	128	135
		Yearlings	29	5	-	-
		Two-year olds	15	4	-	-
		Adults (3+)	48	4	322	186
		Calves	103	25	149	140
	Both	Yearlings	55	9	176	235
	sexes combined	Two-year olds	39	6	72	83
		Adults (3+)	390	20	221	275
	Female	Calves	51	11	62	99
		Yearlings	23	4	-	-
Summer		Two-year olds	15	2	-	-
		Adults (3+)	302	15	207	245
	Male	Calves	52	13	169	152
		Yearlings	32	5	374	173
		Two-year olds	24	4	-	-
		Adults (3+)	88	5	180	140

Table 6A-6 (con'd). Corner Brook Lakes Caribou Herd. By age, sex, and season, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

			Number of radio	Number of	Home ra	nge (km²)
Season	Sex	Age	telemetry locations	caribou monitored	75% Harmonic mean	95% Minimum convex polygon
		Calves	45	18	521	366
	Both	Yearlings	34	7	221	225
	sexes combined	Two-year olds	28	5	-	-
		Adults (3+)	263	18	322	389
	Female	Calves	23	9	-	-
E-11		Yearlings	15	3	-	-
Fall		Two-year olds	10	1	-	-
		Adults (3+)	205	14	331	359
	Male	Calves	22	9	-	-
		Yearlings	19	4	-	-
		Two-year olds	18	4	-	-
		Adults (3+)	58	4	192	241
		Calves	84	10	229	223
	Both	Yearlings	40	6	187	224
	sexes combined	Two-year olds	47	4	56	110
		Adults (3+)	422	21	361	395
	Female	Calves	28	4	-	-
		Yearlings	18	2	-	-
Winter		Two-year olds	16	1	-	-
		Adults (3+)	327	16	322	334
	Male	Calves	56	6	282	237
		Yearlings	22	4	-	-
		Two-year olds	31	3	131	132
		Adults (3+)	95			

Table 6A-7. Corner Brook Lakes Caribou Herd. By age, sex, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

Period			Number of radio	Number	Home ra	nge (km²)
(Year)	Sex	Age telemetry locations	telemetry	of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
	Female	Calves	170	19	111	171
		Yearlings	75	5	150	196
		Two-year olds	47	2	235	92
All years		Adults (3+)	1211	17	280	457
combined	Male	Calves	221	25	261	437
		Yearlings	102	5	279	296
		Two-year olds	88	5	177	276
		Adults (3+)	289	6	242	291
	Female	Calves	-	-	-	-
		Yearlings	-	-	-	-
Mar. 16,		Two-year olds	-	-	-	-
1994		Adults (3+)	26	9		
to April 30, 1994	Male	Calves	-	-	-	-
(Year 1)		Yearlings	-	-	-	-
		Two-year olds	3	1	-	-
		Adults (3+)	7	3	-	-
	Female	Calves	36	4	68	51
		Yearlings	-	-	-	-
N. 1.1004		Two-year olds	-	-	-	-
May 1, 1994 to April 30,		Adults (3+)	214	10	233	246
1995	Male	Calves	24	3	-	-
(Year 2)		Yearlings	-	-	-	-
		Two-year olds	21	1	-	-
		Adults (3+)	44	2	265	121
M 1 1007	Female	Calves	54	3	203	103
May 1, 1995 to April 30,		Yearlings	48	1	74	54
1996		Two-year olds	43	1	232	92
(Year 3)		Adults (3+)	613	13	277	363

Table 6A-7 (con'd). Corner Brook Lakes Caribou Herd. By age, sex, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

Period			Number of radio	Number	Home ra	nge (km²)
(Year)	Sex	Age	telemetry locations	of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
May 1, 1995	Male	Calves	127	10	193	215
to April 30,		Yearlings	47	1	123	81
1996 (Year 3)		Two-year olds	43	1	139	77
(Tear 3)		Adults (3+)	174	4	269	298
	Female	Calves	43	5	59	85
		Yearlings	17	1	-	-
M 1 1006		Two-year olds	4	2	-	-
May 1, 1996 to April 30,		Adults (3+)	264	14	219	386
1997 (Year 4)	Male	Calves	30	5	225	235
(1 cal 4)		Yearlings	53	4	548	418
		Two-year olds	18	2	-	
		Adults (3+)	62	4	242	196
	Female	Calves	38	7	195	197
		Yearlings	10	3	-	-
M 1 1007		Two-year olds	0	0	-	-
May 1, 1997 to Nov. 20,		Adults (3+)	94	11	225	255
1997 (Year 5)	Male	Calves	40	8	197	206
(Year 5)		Yearlings	2	1	-	-
		Two-year olds	3	2	-	-
		Adults (3+)	2	2	-	-

Table 6A-8. Corner Brook Lakes Caribou Herd. By sex, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

			Novel en e	NI C	Home	range (km²)
Period (Year)	Season	Sex	Number of radio telemetry locations	Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
Mar. 16, 1994	Winter	Female	26	9	-	-
to April 30, 1994 (Year 1)		Male	10	4	-	-
	Spring	Female	105	14	180	210
		Male	26	6	-	-
	Summer	Female	38	10	166	158
May 1, 1994		Male	15	4	-	-
to April 30, 1995 (Year 2)	Fall	Female	26	9	-	-
(Tear 2)		Male	12	4	-	-
	Winter	Female	81	8	172	160
		Male	36	4	189	125
	Spring	Female	129	18	170	216
		Male	74	14	124	166
	Summer	Female	205	16	206	258
May 1, 1995		Male	109	10	165	181
to April 30, 1996 (Year 3)	Fall	Female	158	16	316	334
		Male	66	9	245	244
	Winter	Female	266	16	381	335
		Male	142	9	287	330
	Spring	Female	150	19	180	346
		Male	63	14	327	294
	Summer	Female	103	17	172	259
May 1, 1996		Male	49	9	209	224
May 1, 1996 to April 30, 1997 (Year 4)	Fall	Female	59	17	258	469
		Male	35	10	383	413
	Winter	Female	16	12	-	-
		Male	16	10	-	-

Table 6A-8 (con'd). Corner Brook Lakes Caribou Herd. By sex, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

			N. 1. C	N. 1 C	Home range (km <sup>2</sup> )			
Period (Year)	Season	Sex	Number of radio telemetry locations	Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon		
May 1, 1997 to Nov. 20, 1997	Spring	Female	86	19	248	254		
		Male	20	10	-	-		
(Year 5)	Summer	Female	46	18	146	216		
		Male	23	11	-	-		
	Fall	Female	10	10	-	-		
		Male	4	4	-	-		

Table 6A-9. Corner Brook Lakes Caribou Herd. By age, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

			Number of	Number of -	Home r	range (km²)
Year	Season	Age	radio telemetry locations	caribou monitored	75% Harmonic mean	95% Minimum convex polygon
Mar. 16, 1004	Winter	Calves	-	-	-	-
Mar. 16, 1994 to April 30,		Yearlings	-	-	-	-
1994 (Veer 1)		Two-year olds	3	1	-	-
(Teal I)	Year 1)         Adults (3+)         33           Spring         Calves         22           Yearlings         -           Two-year olds         6           Adults (3+)         10	33	12	189	156	
	Spring	Calves	22	7	-	-
		Yearlings	-	-	-	-
		Two-year olds	6	1	-	-
		Adults (3+)	103	12	217	263
	Summer	Calves	11	3	-	-
		Yearlings	-	-	-	-
		Two-year olds	3	1	-	-
May 1, 1994		Adults (3+)	39	10	271	217
to April 30, 1995	Fall	Calves	8	3	-	-
(Year 2)		Yearlings	-	-	-	-
		Two-year olds	3	1	-	-
		Adults (3+)	27	9	-	-
	Winter	Calves	19	2	-	-
		Yearlings	-	-	-	-
		Two-year olds	9	1	-	-
		Adults (3+)	89	9	268	318
	Spring	Calves	64	11	92	97
		Yearlings	17	2	-	-
May 1, 1995		Two-year olds	6	2	-	-
to April 30, 1996		Adults (3+)	116	17	257	298
(Year 3)	Summer	Calves	41	5	119	90
(Teal 3)		Yearlings	26	2	-	-
		Two-year olds	28	2	-	-
		Adults (3+)	219	17	196	261

Table 6A-9 (con'd). Corner Brook Lakes Caribou Herd. By age, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

			Number of	Number of -	Home r	ange (km²)
Year	Season	Age	radio telemetry locations	caribou monitored	75% Harmonic mean	95% Minimum convex polygon
	Fall	Calves	16	4	-	-
		Yearlings	19	2	-	-
		Two-year olds	20	2	-	-
May 1, 1995		Adults (3+)	169	17	340	368
to April 30, 1996	Winter	Calves	60	4	257	192
(Year 3)		Yearlings	33	2	137	90
		Two-year olds	32	2	73	53
		Adults (3+)	283	17	309	391
	Spring	Calves	39	9	51	33
		Yearlings	26	5	-	-
		Two-year olds	8	3	-	-
		Adults (3+)	140	18	215	367
	Summer	Calves	14	3	-	-
		Yearlings	23	4	-	-
Mar. 1, 1006		Two-year olds	7	2	-	-
May 1, 1996 to April 30,		Adults (3+)	108	17	170	248
1997 (Year 4)	Fall	Calves	15	5	-	-
(16a14)		Yearlings	14	4	-	-
		Two-year olds	4	1	-	-
		Adults (3+)	61	17	258	267
	Winter	Calves	5	4	-	-
		Yearlings	7	4	-	-
		Two-year olds	3	1	-	-
		Adults (3+)	17	18	-	-

Table 6A-9 (con'd). Corner Brook Lakes Caribou Herd. By age, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

			Number of	Number of -	Home r	ange (km²)
Year	Spring Calves Yearlings Two-year olds Adults (3+) Summer Calves Yearlings May 1, 1997 to Nov. 20, 1997  Advice Calves	radio telemetry locations	caribou monitored	75% Harmonic mean	95% Minimum convex polygon	
	Spring	Calves	36	16	114	134
		Yearlings	5	2	-	-
		Two-year olds	1	1	-	-
		Adults (3+)	66	11	222	255
	Summer	Calves	41	14	180	265
		Yearlings	6	3	-	-
May 1, 1997 to		Two-year olds	1	1	-	-
Nov. 20, 1997 (Year 5)		Adults (3+)	24	12	-	-
	Fall	Calves	6	6	-	-
		Yearlings	1	1	-	-
		Two-year olds	1	1	-	-
		Adults (3+)	6	6	-	-

Table 6A-10. Corner Brook Lakes Caribou Herd. By age, sex, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

				Number of		Home ra	ange (km²)
Period (Year)	Season	Sex	Age	radio telemetry locations	Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
		Female	Calves	0	0	-	-
			Yearlings	0	0	-	-
Mar. 16,			Two-year olds	0	0	-	-
1994 to April 30,	Winter		Adults (3+)	26	9	-	-
1994	vv inter	Male	Calves	0	0	-	-
(Year 1)			Yearlings	0	0	-	-
			Two-year olds	3	1	-	-
			Adults (3+)	7	3	-	-
		Female	Calves	14	4	-	-
	Spring		Yearlings	0	0	-	-
			Two-year olds	0	0	-	-
			Adults (3+)	91	10	189	223
		Male	Calves	8	3	-	-
			Yearlings	0	0	-	-
			Two-year olds	6	1	-	-
			Adults (3+)	12	2	-	-
May 1, 1994		Female	Calves	7	2	-	-
to April 30,			Yearlings	0	0	-	-
1995 (Vear 2)			Two-year olds	0	0	-	-
(Year 2)	Summer		Adults (3+)	31	8	216	152
	Summer	Male	Calves	4	1	-	-
			Yearlings	0	0	-	-
			Two-year olds	3	1	-	-
			Adults (3+)	8	2	-	-
		Female	Calves	5	2	-	-
	Ec11		Yearlings	0	0	-	-
	Fall		Two-year olds	0	0	-	-
			Adults (3+)	21	7	-	-

Table 6A-10 (con'd). Corner Brook Lakes Caribou Herd. By age, sex, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

				Number of		Home ra	inge (km²)
Period (Year)	Season	Sex	Age	radio telemetry locations	Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
		Male	Calves	3	1	-	-
			Yearlings	0	0	-	-
	Fall		Two-year olds	3	1	-	-
			Adults (3+)	6	2	-	-
		Female	Calves	10	1	-	-
May 1, 1994			Yearlings	0	0	-	-
to April 30, 1995			Two-year olds	0	0	-	-
(Year 2)	Winter		Adults (3+)	71	7	161	160
		Male	Calves	9	1	-	-
			Yearlings	0	0	-	-
			Two-year olds	9	1	-	-
			Adults (3+)	18	2	-	-
		Female	Calves	17	3	-	-
			Yearlings	9	1	-	-
			Two-year olds	3	1	-	-
			Adults (3+)	100	13	197	215
May 1, 1995	Spring	Male	Calves	47	8	134	76
to April 30,			Yearlings	8	1	-	-
1996 (Year 3)			Two-year olds	3	1	-	-
			Adults (3+)	16		-	-
		Female	Calves	14	1	-	-
	Summer		Yearlings	12	1	-	-
	Summer		Two-year olds	14	1	-	-
			Adults (3+)	165		211	228

Table 6A-10 (con'd). Corner Brook Lakes Caribou Herd. By age, sex, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

				Number of		Home ra	nge (km²)
Period (Year)	Season	Sex	Age	radio telemetry locations	Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
		Male	Calves	27	4	-	-
	C		Yearlings	14	1	-	-
	Summer		Two-year olds	14	1	-	-
			Adults (3+)	54	4	153	123
		Female	Calves	7	1	-	-
			Yearlings	10	1	-	-
			Two-year olds	10	1	-	-
	Fall		Adults (3+)	131	13	340	335
May 1, 1995		Male	Calves	9	3	-	-
to April 30,			Yearlings	9	1	-	-
1996 (Year 3)			Two-year olds	10	1	-	-
(1cai 3)			Adults (3+)	38	4	249	215
		Female	Calves	16	1	-	-
			Yearlings	17	1	-	-
			Two-year olds	16	1	-	-
	Winter		Adults (3+)	217	13	275	323
	Willer	Male	Calves	44	3	225	174
			Yearlings	16	1	-	-
			Two-year olds	16	1	-	-
			Adults (3+)	66	4	193	236
May 1, 1996		Female	Calves	21	4	-	-
to April 30,	Spring		Yearlings	6	1	-	-
1997 (Year 4)	opring		Two-year olds	3	1	-	-
(1001 4)			Adults (3+)	120	14	194	314

Table 6A-10 (con'd). Corner Brook Lakes Caribou Herd. By age, sex, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

				Number of		Home ra	inge (km²)
Period (Year)	Season	Sex	Age	radio telemetry locations	Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
		Male	Calves	18	5	-	-
	Cania c		Yearlings	20	4	-	-
	Spring		Two-year olds	5	2	-	-
			Adults (3+)	20	4	-	-
		Female	Calves	12	2	-	-
			Yearlings	6	1	-	-
			Two-year olds	1	1	-	-
	Summer		Adults (3+)	84	13	180	214
		Male	Calves	2	1	-	-
			Yearlings	17	3	-	-
			Two-year olds	6	1	-	-
			Adults (3+)	24	4	-	-
May 1, 1996 to April 30,		Female	Calves	8	3	-	-
1997			Yearlings	4	1	-	-
(Year 4)			Two-year olds	0	0	-	-
			Adults (3+)	47	13	254	293
	Fall	Male	Calves	7	2	-	-
			Yearlings	10	3	-	-
			Two-year olds	4	1	-	-
			Adults (3+)	14	4	-	-
		Female	Calves	2	2	-	-
			Yearlings	1	1	-	-
	Winter		Two-year olds	0	0	-	-
	Willer		Adults (3+)	18	9	-	-
		Male	Calves	3	2	-	-
			Yearlings	6	3	-	-

Table 6A-10 (con'd). Corner Brook Lakes Caribou Herd. By age, sex, season, and year, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

				Number of		Home ra	inge (km²)
Period (Year)	Season	Sex	Age	radio telemetry locations	Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
Year 4	Winter	Male	Two-year olds	3	1	-	-
1 cai 4	Willer		Adults (3+)	4	4	-	-
		Female	Calves	16	7	-	-
			Yearlings	4	1	-	-
			Two-year olds	0	0	-	-
	Spring		Adults (3+)	66	11	222	255
	opring	Male	Calves	18	8	-	-
			Yearlings	1	1	-	-
			Two-year olds	1	1	-	-
			Adults (3+)	0	0	-	-
		Female	Calves	19	6	-	-
May 1, 1997			Yearlings	5	2	-	-
to Nov. 20, 1997			Two-year olds	0	0	-	-
(Year 5)	Summer		Adults (3+)	22	10	-	-
		Male	Calves	19	7	-	-
			Yearlings	1	1	-	-
			Two-year olds	1	1	-	-
			Adults (3+)	2	2	-	-
		Female	Calves	3	3	-	-
			Yearlings	1	1	-	-
			Two-year olds	0	0	-	-
			Adults (3+)	6	6	-	-
	Fall	Male	Calves	3	3	-	-
			Yearlings	0	0	-	-
			Two-year olds	1	1	-	-
			Adults (3+)	0	0	-	-

Table 6A-11. Corner Brook Lakes Caribou Herd. By month and sex, the number of radio telemetry locations and the number of animals monitored, plus the 75% harmonic mean and the 95% minimum convex polygon.

		N 1 C 1	N 1 6 7	Home ran	ge (km²)
Month	Sex	Number of radio telemetry locations	Number of caribou monitored	75% Harmonic mean	95% Minimum convex polygon
I	Female	107	18	231	297
January	Male	63	12	305	318
F-1	Female	78	16	318	259
February	Male	44	10	241	266
M 1-	Female	56	18	290	300
March	Male	27	11	236	286
A '1	Female	82	18	301	286
April	Male	39	10	253	269
	Female	187	27	200	348
May	Male	48	16	209	271
r	Female	283	34	149	343
June	Male	135	31	202	333
T 1	Female	188	27	197	299
July	Male	99	22	216	351
A a a4	Female	114	20	172	239
August	Male	54	10	225	199
G . 1	Female	89	18	199	213
September	Male	43	9	151	121
0-4-1	Female	137	17	310	333
October	Male	53	10	87	168
N 1	Female	116	22	253	392
November	Male	64	15	453	416
Describer	Female	66	16	284	209
December	Male	31	10	301	267

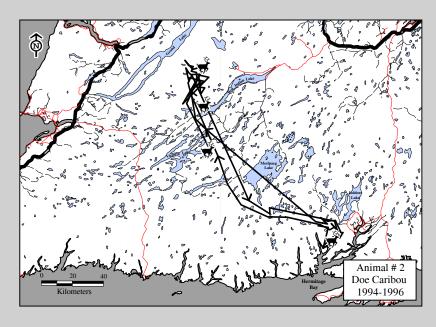
Table 6A-12. Corner Brook Lakes Caribou Herd. By year and sex, the number of radio telemetry locations (n) plus the 95% minimum convex polygon home range area estimates for individual caribou. The reproductive status of female caribou is given when known.

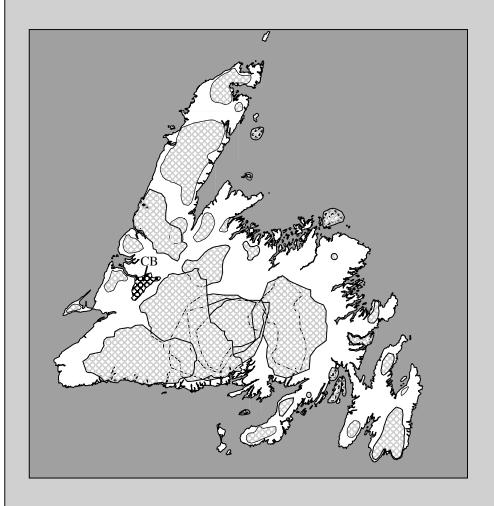
				Dommo du otivo				Но	me Rai	nge (k	(m <sup>2</sup> )			
Animal	Sex	Year	Age	Reproductive Status	Spr	ing	Sum	mer	Fa	.11	Wi	nter	Year-	Round
			_	Status	Area	n	Area	n	Area	n	Area	n	Area	n
	F	1994-95	Adult	productive	3	11					6	11	28	29
CBL-1	F	1995-96	Adult	barren	3	12	22	12	2	10	2	17	28	51
CBL-1	F	1996-97	Adult	barren	16	7	13	7	0	5			28	20
	F	1997-98	Adult	productive	1	7								
	F	1	Adult	productive	14	11					20	11	42	29
CBL-3	F	1995-96	Adult	productive	5	11	27	12	9	9	16	16	63	48
	F	1996-97	Adult		30	10	11	6						
	F	1994-95	Adult	barren	58	8					19	9	69	24
CBL-4	F	1995-96	Adult	productive	1	12	5	10	38	10	59	15	195	47
CDL	F	1996-97	Adult	productive	4	11	3	6					88	20
	F	1997-98	Adult	productive	1	5								
	M	1	Adult		2	6					2	8	24	21
CBL-5	M	1995-96	Adult		1	5	20	13	30	10	19	17	53	45
	M	1996-97	Adult		1	5	0	6					8	16
	F	1994-95	Adult	productive	2	10					8	10	38	27
CBL-6	F	1995-96	Adult	productive	30	13	6	13	15	10	6	16	48	52
	F	1996-97	Adult	productive	2	9	11	6						
	M	1994-95	Adult		29	6					1	10	35	23
CBL-8	M	1995-96	Adult		5	5	9	13	16	9	24	16	136	43
	M	1996-97	Adult		5	5	1	6					27	15
	F	1994-95	Adult		10	7					1	11	31	25
CBL-9	F	1995-96	Adult		7	11	10	13	2	11	20	17	74	52
CDL-7	F	1996-97	Adult		3	10	2	6					21	20
	F	1997-98	Adult		0	6								
	F	1994-95	Adult	productive	2	11					26	10	58	28
CBL-10	F	1995-96	Adult	productive	8	13	6	13	7	10	6	17	49	53
CDL-10	F	1996-97	Adult	productive	4	10	3	7	8	6			23	24
	F	1997-98	Adult		1	8								
	F	1	Adult	productive	7	11					2	9	20	27
CBL-11	F	1995-96	Adult	productive	5	11	2	14	9	11	17	16	35	52
CDL-11	F	1996-97	Adult	productive	11	9	4	6						
	F	1997-98	Adult		32	8								
CBL-12	F	1994-95	Adult	productive	2	11								
CBL-13	F	1	Adult	productive	15	10								
CBL-14			Two-year old		4	6					7	9	147	21
CBL-15		1995-96	Calf		0	5								
CBL-16	F	1	Calf		1	5								
	M	1994-95	Calf								12	9	18	20
CBL-17	M	1995-96	Yearling		9	8	21	14	16	9	68	16	81	47
	M	1996-97	Two-year old				2	6					69	16
CBL-18	F	1994-95	Calf		0	5					6	10	26	22
	F	1995-96	Yearling		5	9	9	12	10	10	24	17	54	48
CBL-24	M	1995-96	Calf		1	9								
CBL-25	M	1995-96	Calf		2	10	12	13	15	7	11	16	142	46
	M	1996-97	Yearling		1	6	1	6					38	17
CBL-26	M	1995-96	Calf		0	5								
CBL-27	F	1995-96	Calf		2	8								

Table 6A-12 (con'd). Corner Brook Lakes Caribou Herd. By year and sex, the number of radio telemetry locations (n) plus the 95% minimum convex polygon home range area estimates for individual caribou. The reproductive status of female caribou is given when known.

		Year	Age	D 1 1	Home Range (km <sup>2</sup> )									
Animal	Sex			Reproductive Status	Spring		Summer		Fall		Winter		Year-Round	
					Area	n	Area	n	Area	n	Area	n	Area	n
CBL-28	M	1995-96	Calf								80	13		
	M	1996-97	Yearling		13	6	1	6					106	17
CBL-29	M	1995-96	Calf				0	10						
CBL-31	M	2	Calf								7	15		
	M	1996-97	Yearling		57	6	6	5					211	17
CBL-32	F	1995-96	Calf		4	6								
CBL-33	M	1995-96	Calf		1	7								
CBL-34	F	2	Adult	productive			2	15	17	11	33	18	72	47
	F	1996-97	Adult	productive	14	9	0	6					62	20
CBL-35	F	2	Calf				4	14	3	7	6	16	94	40
	F	1996-97	Yearling		0	6	1	6	1	4			73	17
CBL-36	M	1995-96	Adult				8	14	18	10	17	17	41	44
	M	1996-97	Adult		2	5	0	6					16	15
CBL-37	F	2	Adult	productive			10	13	13	10	4	16	39	42
	F	3	Adult	productive	7	9	4	7					63	21
	F	1997-98	Adult		4	6								
CBL-38	F	2	Adult	productive			29	14	4	10	9	17	61	44
	F	1996-97	Adult	productive	16	10	4	7	3	6			65	25
	F	1997-98	Adult		0	6								
CBL-39	F	2	Two-year old				5	14	19	10	12	16	92	43
	F	1996-97	Adult	barren			2	7					53	15
	F	1997-98	Adult	productive	13	7								
CBL-40	F	2	Adult				12	12	11	10	14	17	27	42
	F	1996-97	Adult		2	5								
CBL-41	F	1995-96	Adult	productive			3	12	6	9	27	18	31	41
	F	1996-97	Adult	productive	10	8	0	6						
CBL-42	F	2	Adult	productive			21	12	9	10	78	17	86	42
	F	1996-97	Adult	productive	5	11	7	7					61	23
	F	1997-98	Adult	productive	1	5								
CBL-43	M	1995-96	Two-year old				8	14	25	10	72	16	77	43
CBL-44	M	2	Adult				14	14	40	9	16	16	36	42
	M	3	Adult		4	5	2	6					22	16
CBL-48	M	1996-97	Calf		1	7								
CBL-49	F	1996-97	Calf		4	10	2	6					39	19
CBL-50	F	1996-97	Calf		1	8	2	6					11	18
CBL-52	M	1996-97	Calf		5	7								
CBL-56	F	1997-98	Calf		4	5								

Section 6B:
Telemetry Distributions
by Herd
Composition and Time.





# **Caribou Herd**

**Corner Brook Lakes (CB)** 

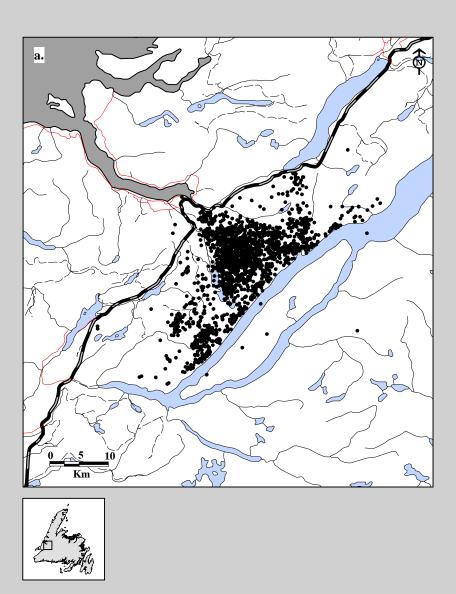


Fig. 6B-1. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. all cohorts (2,208 locations; 69 caribou; 148 flights), 1994-97.

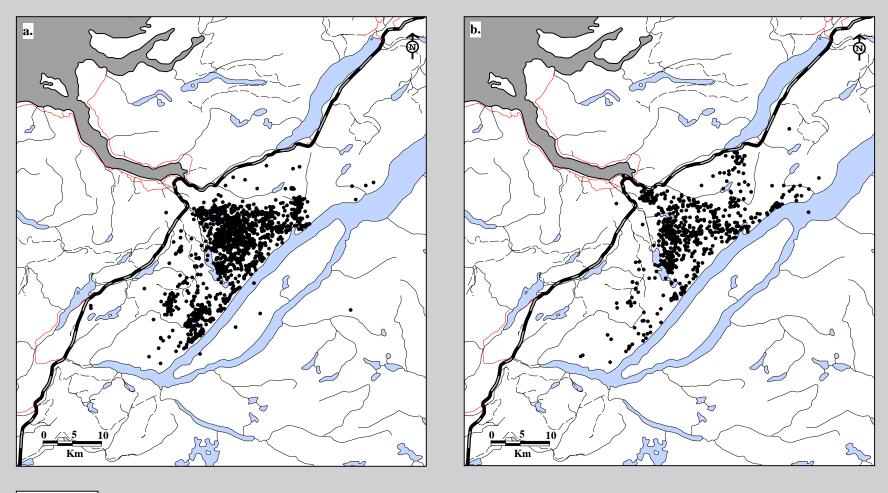




Fig. 6B-2. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. females (1,504 locations; 37 caribou; 148 flights) and b. males (700 locations; 32 caribou; 148 flights), 1994-97.

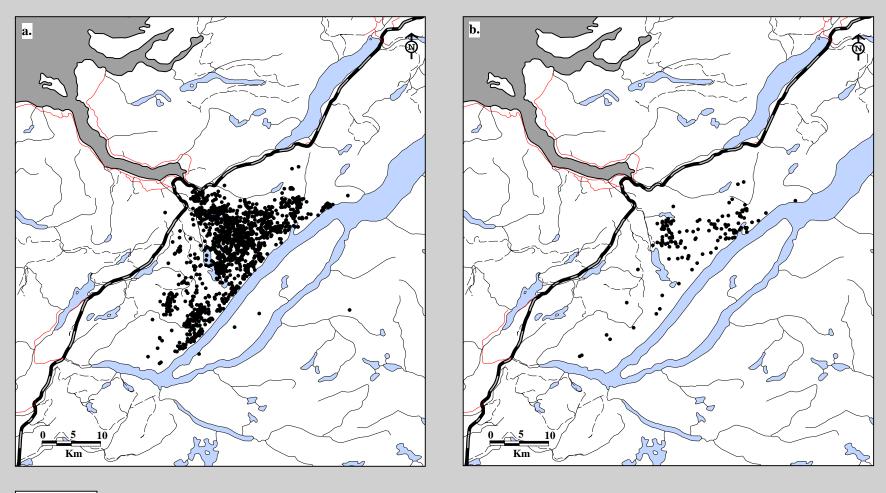




Fig. 6B-3. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. adults (1,500 locations; 23 caribou; 148 flights) and b. two-year olds (135 locations; 7 caribou; 148 flights), 1994-97.

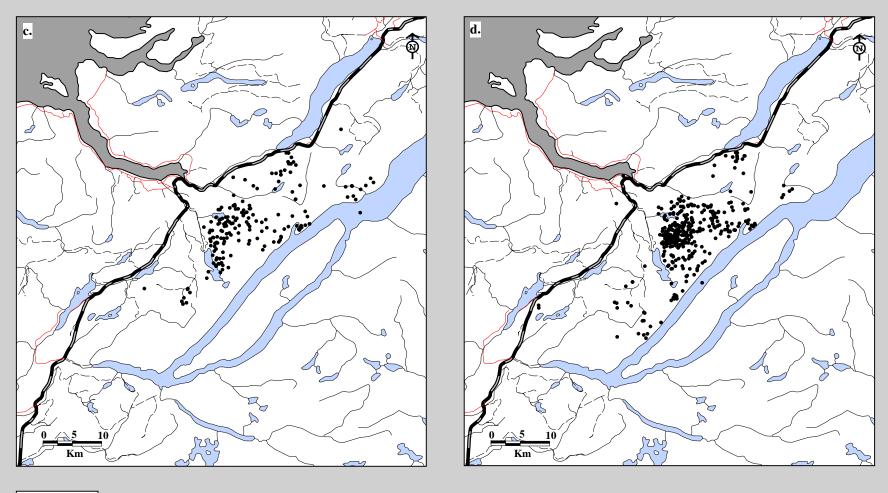




Fig. 6B-3. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. yearlings (177 locations: 10 caribou; 148 flights) and d. calves (397 locations; 45 caribou; 148 flights), 1994-97.





Fig. 6B-4. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. spring (655 locations; 68 caribou; 54 flights) and b. summer (591 locations; 50 caribou; 34 flights), 1994-97.

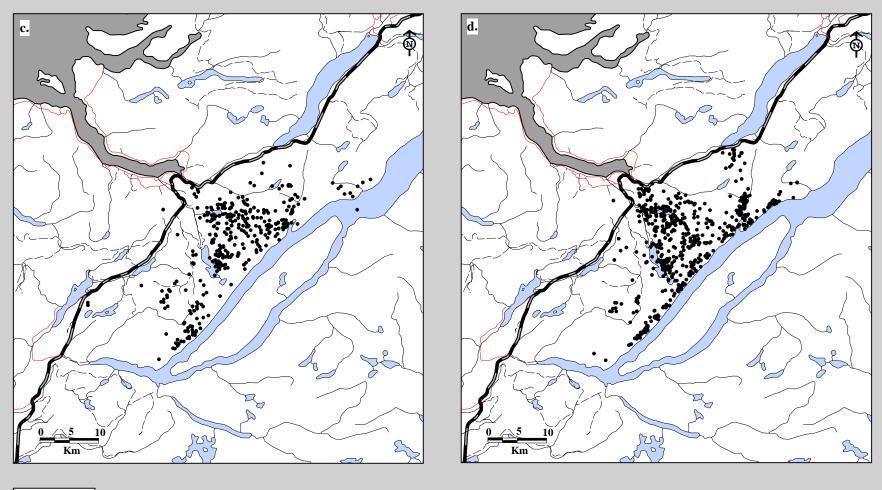




Fig. 6B-4. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. fall (370 locations; 38 caribou; 22 flights) and d. winter (593 locations; 33 caribou; 38 flights), 1994-97.

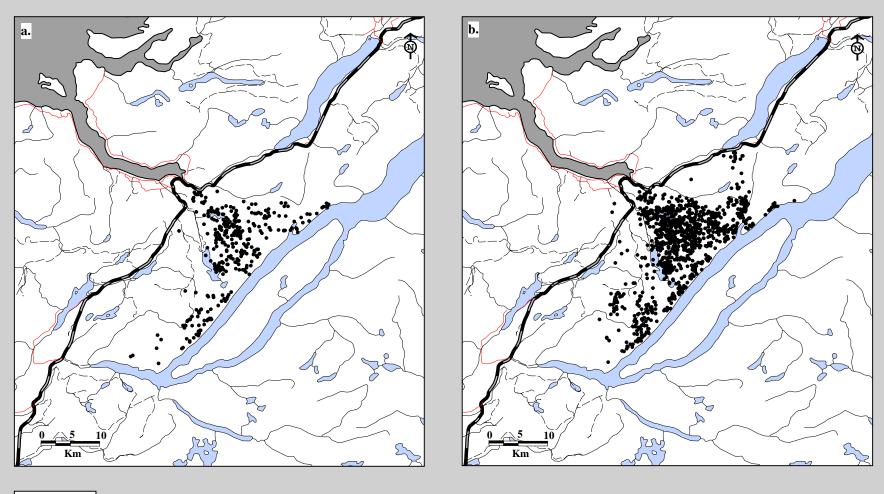




Fig. 6B-5. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. all cohorts 1994-95 (339 locations; 20 caribou; 38 flights) and b. all cohorts 1995-96 (1,149 locations; 34 caribou; 65 flights).

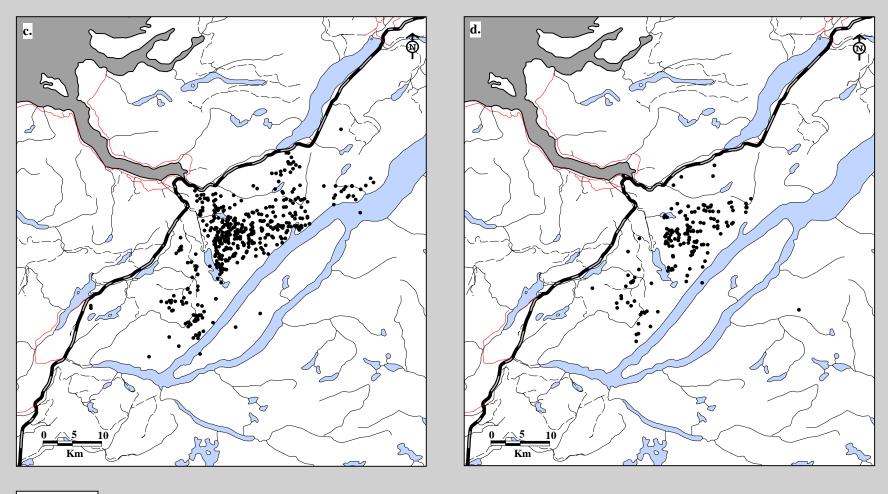




Fig. 6B-5. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. all cohorts 1996-97 (491 locations; 35 caribou; 29 flights) and d. all cohorts 1997-98 (194 locations; 35 caribou; 16 flights).

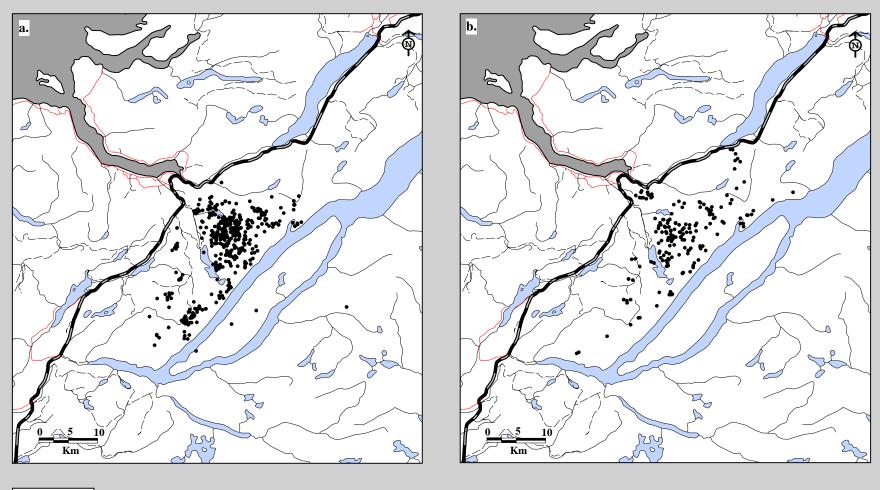




Fig. 6B-6. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. females (470 locations; 36 caribou; 54 flights) and b. males (183 locations; 31 caribou; 54 flights) in spring, 1994-97.

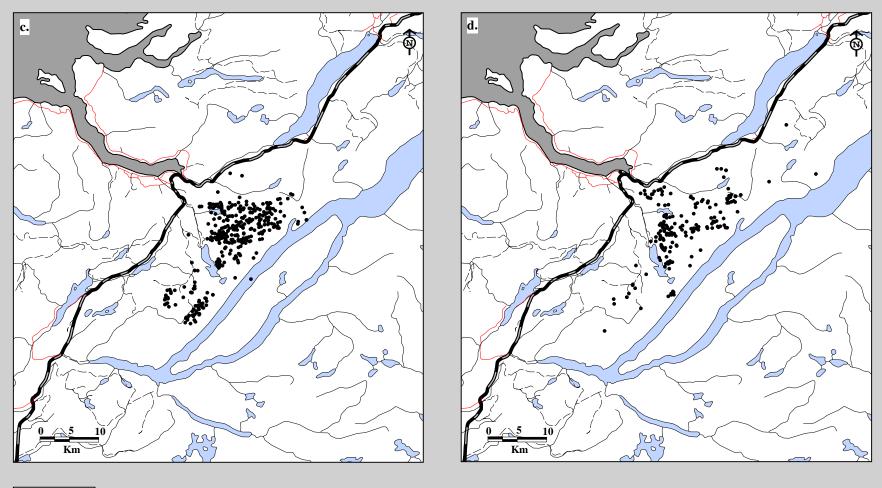




Fig. 6B-6. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. females (392 locations; 27 caribou; 34 flights) and d. males (196 locations; 22 caribou; 34 flights) in summer, 1994-97.

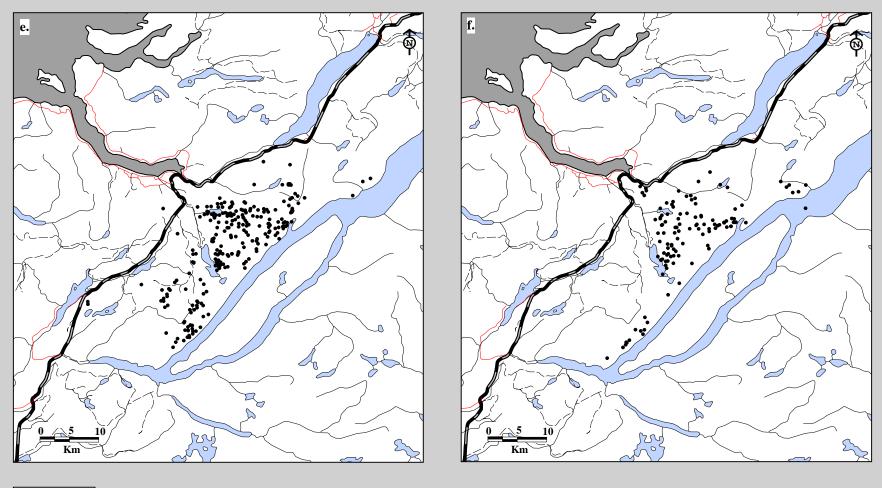




Fig. 6B-6. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for e. females (253 locations; 23 caribou; 22 flights) and f. males (117 locations; 15 caribou; 22 flights) in fall, 1994-97.

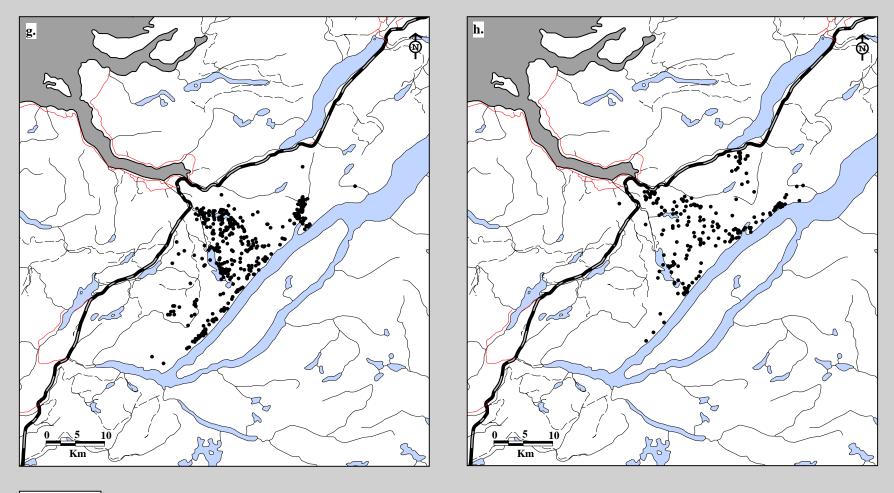




Fig. 6B-6. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for g. females (389 locations; 20 caribou; 38 flights) and h. males (204 locations; 13 caribou; 38 flights) in winter, 1994-97.

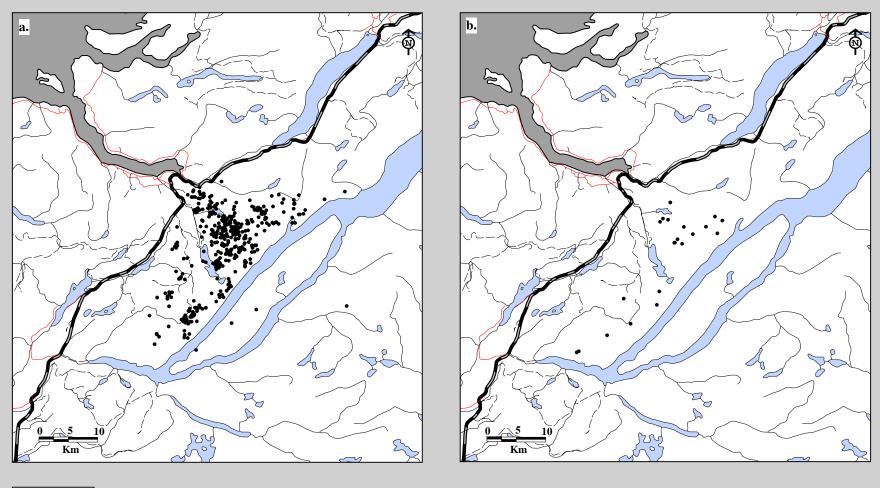




Fig. 6B-7. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. adults (425 locations; 21 caribou; 54 flights) and b. two-year olds (21 locations; 5 caribou; 54 flights) in spring, 1994-97.

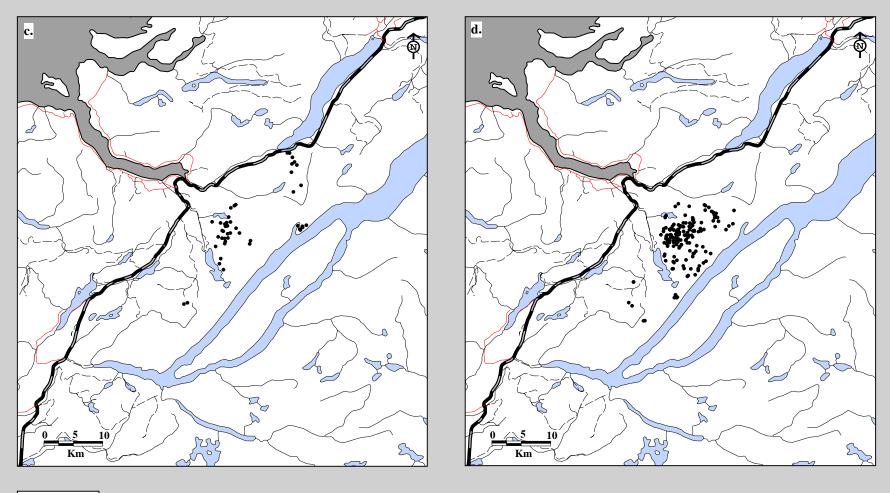




Fig. 6B-7. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. yearlings (48 locations; 8 caribou; 54 flights) and d. calves (161 locations; 42 caribou; 54 flights) in spring, 1994-97.

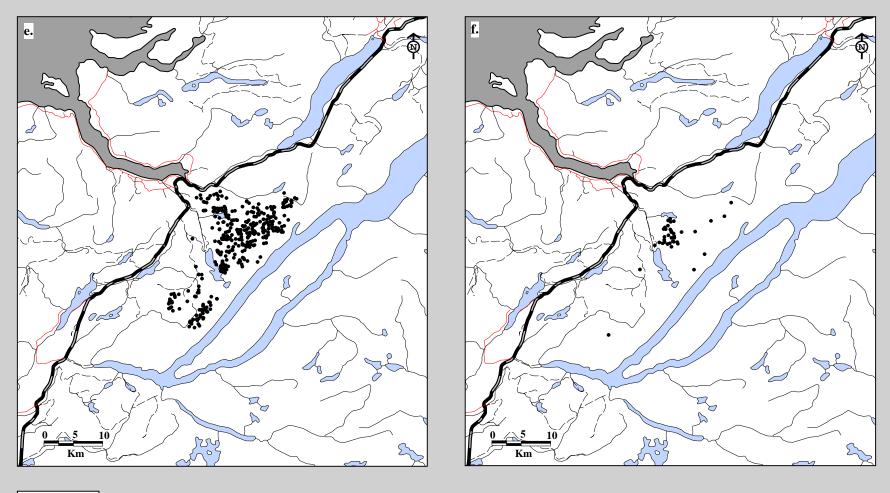




Fig. 6B-7. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for e. adults (390 locations; 20 caribou; 34 flights) and f. two-year olds (39 locations; 6 caribou; 34 flights) in summer, 1994-97.

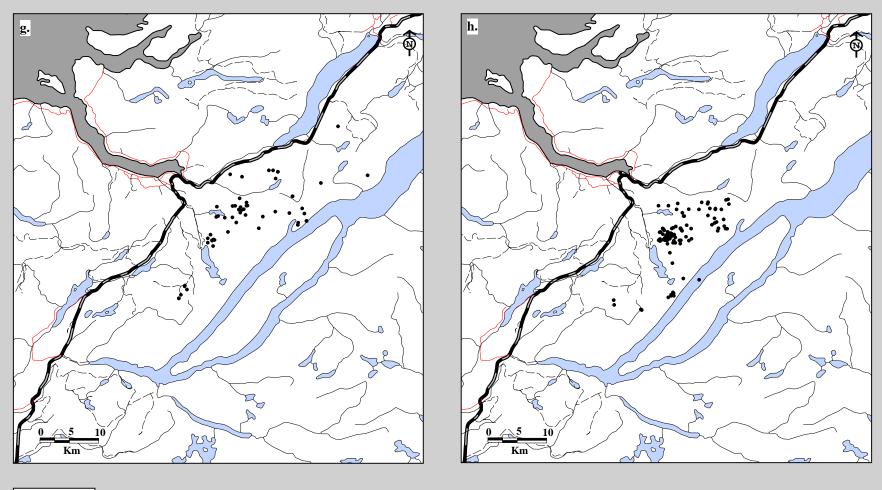




Fig. 6B-7. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for g. yearlings (55 locations; 9 caribou; 22 flights) and h. calves (107 locations; 25 caribou; 22 flights) in summer, 1994-97.

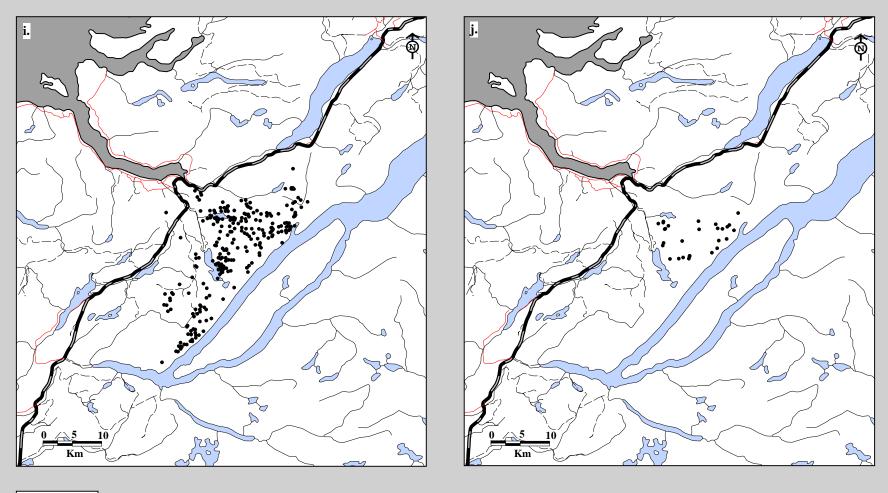




Fig. 6B-7. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for i. adults (263 locations; 18 caribou; 22 flights) and j. two-year olds (28 locations; 5 caribou; 22 flights) in fall, 1994-97.

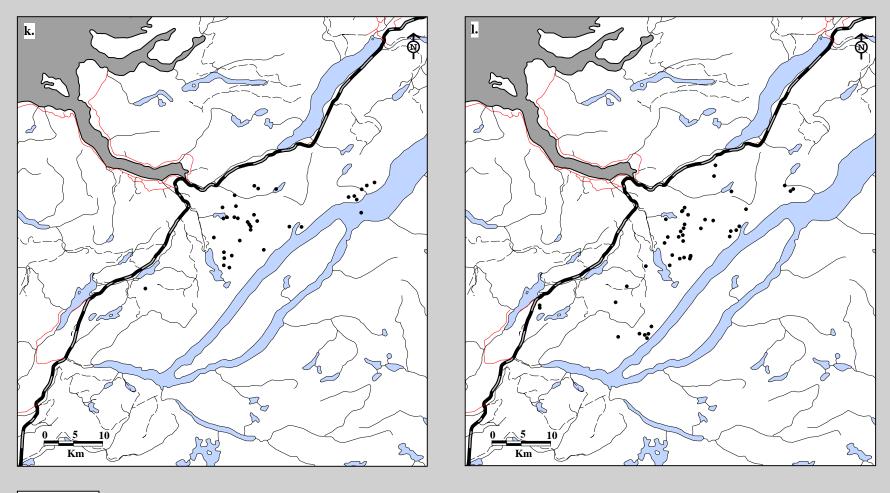




Fig. 6B-7. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for k. yearlings (34 locations; 7 caribou; 22 flights) and l. calves (45 locations; 18 caribou; 22 flights) in fall, 1994-97.

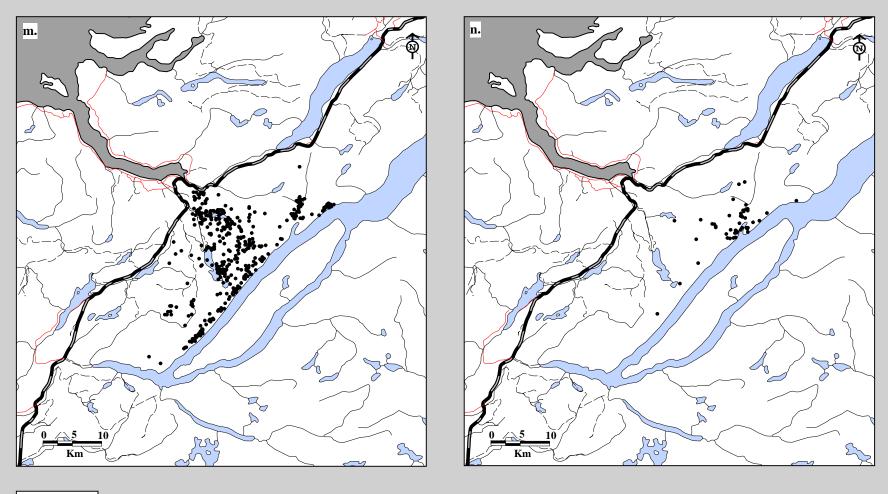




Fig. 6B-7. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for m. adults (422 locations; 21 caribou; 38 flights) and n. two-year olds (47 locations; 4 caribou; 38 flights) in winter, 1994-97.

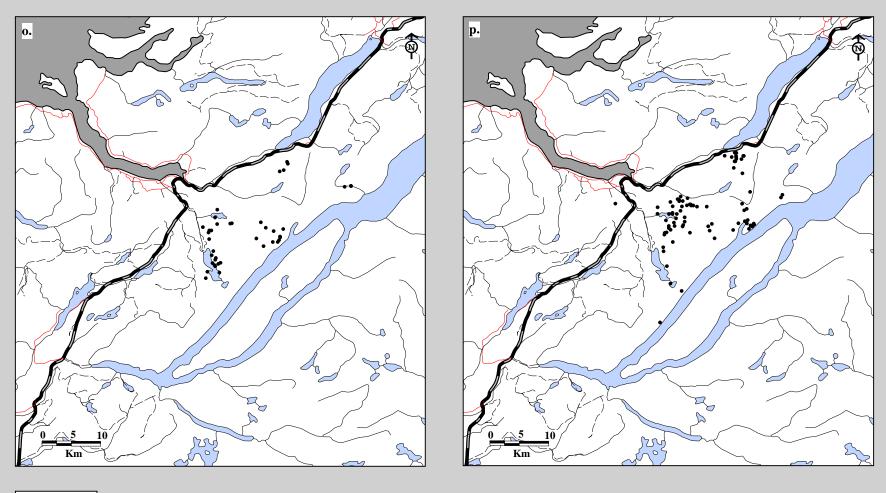




Fig. 6B-7. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for o. yearlings (40 locations; 6 caribou; 38 flights) and p. calves (84 locations; 10 caribou; 38 flights) in winter, 1994-97.

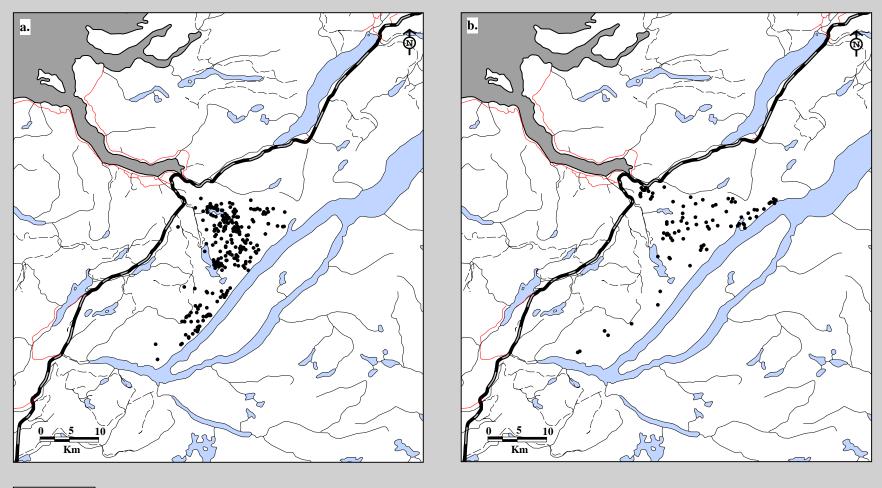




Fig. 6B-8. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. females (250 locations; 14 caribou; 38 flights) and b. males (89 locations; 6 caribou; 38 flights), 1994-95.

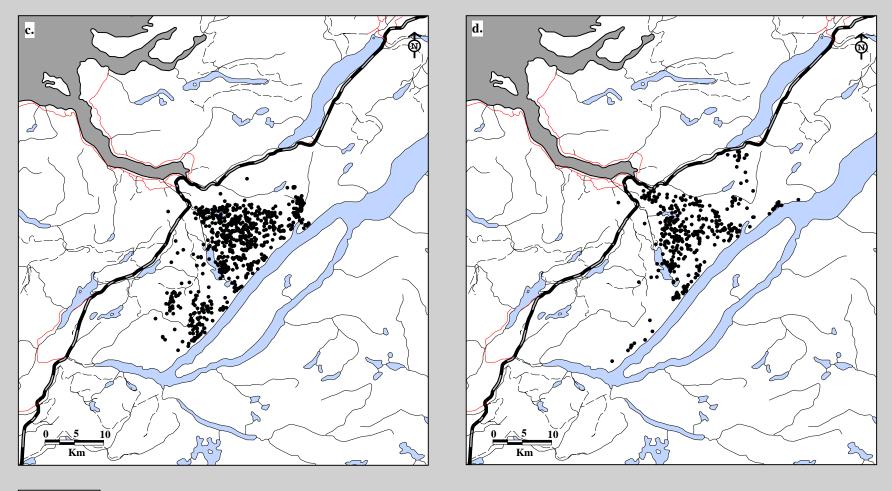




Fig. 6B-8. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. females (758 locations; 18 caribou; 65 flights) and d. males (391 locations; 16 caribou; 65 flights), 1995-96.

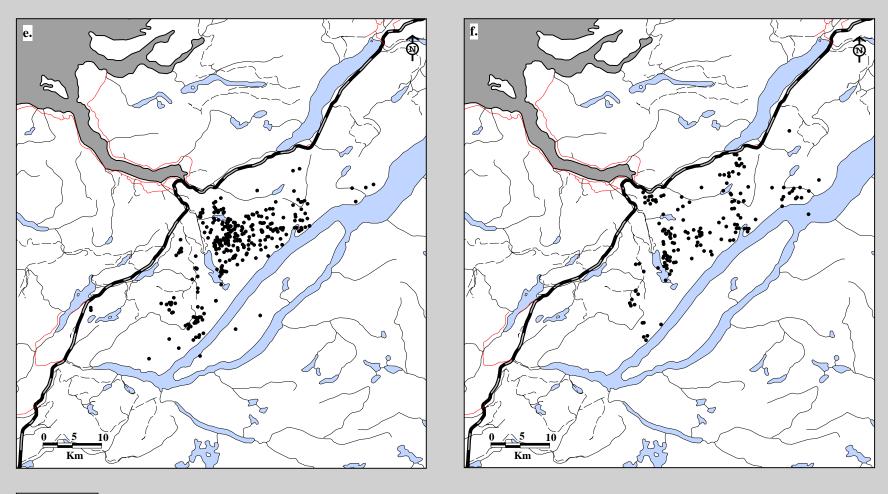




Fig. 6B-8. Corner Brook Lake Caribou Herd radio telemetry locations. Data for e. females (328 locations; 21 caribou; 29 flights) and f. males (163 locations; 14 caribou; 29 flights), 1996-97.

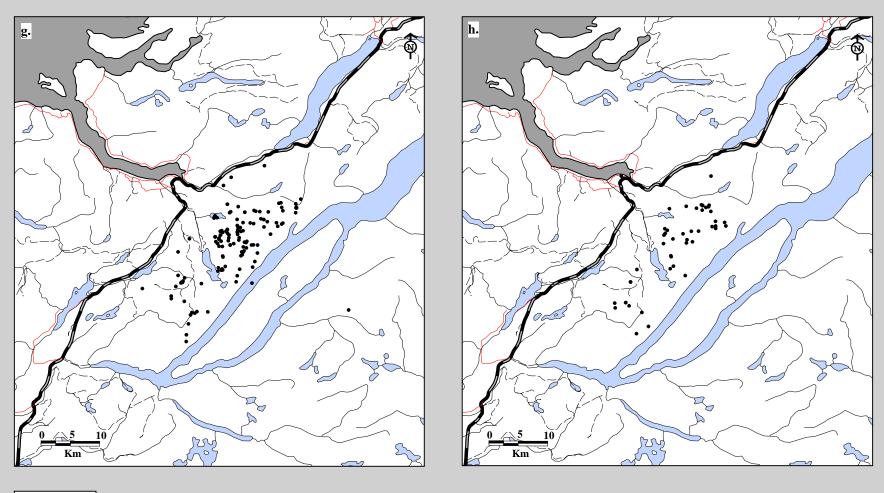




Fig. 6B-8. Corner Brook Lake Caribou Herd radio telemetry locations. Data for g. females (142 locations; 21 caribou; 16 flights) and h. males (47 locations; 13 caribou; 16 flights), 1997-98.

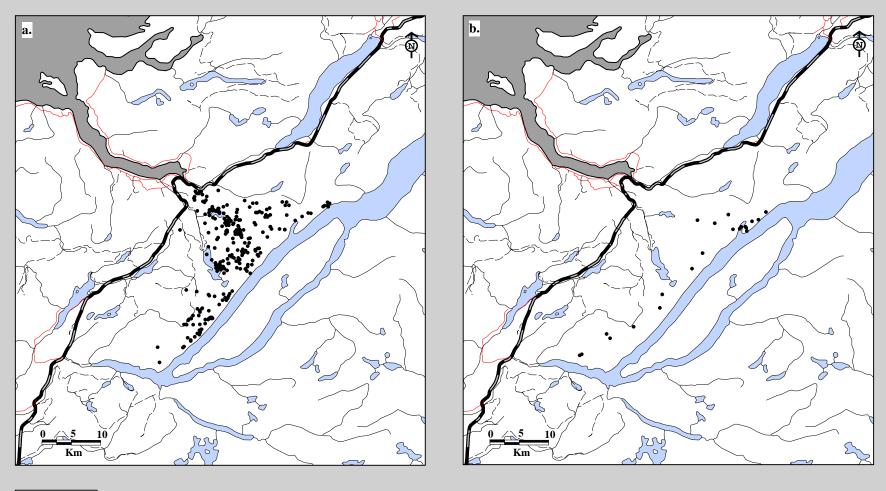




Fig. 6B-9. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. adults (258 locations; 12 caribou; 38 flights) and b. two-year olds (31 locations; 1 caribou; 38 flights), 1994-95.

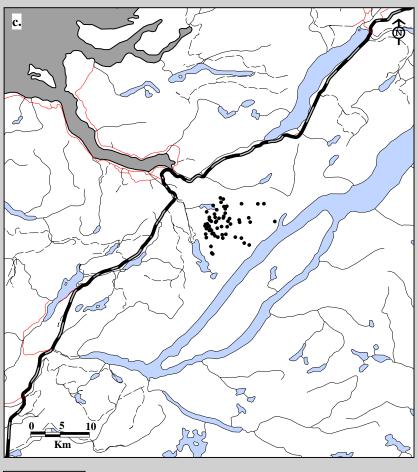




Fig. 6B-9. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. calves (60 locations; 7 caribou; 38 flights), 1994-95.

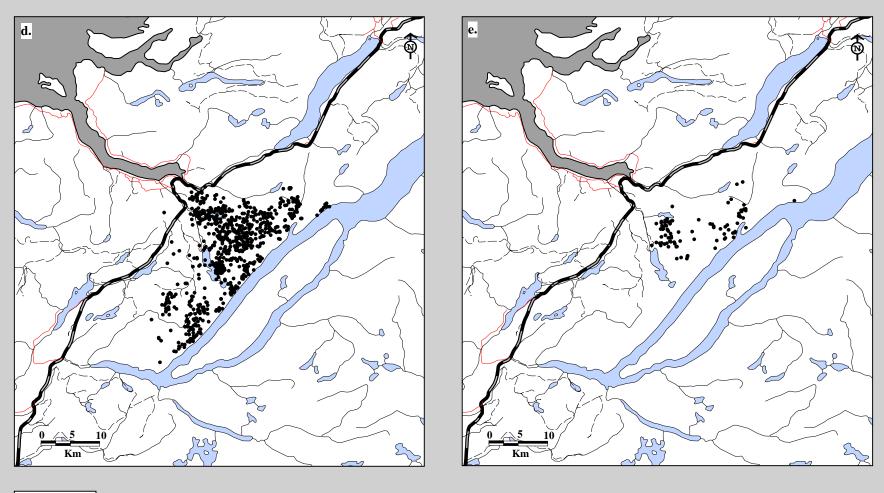




Fig. 6B-9. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for d. adults (787 locations; 17 caribou; 65 flights) and e. two-year olds (86 locations; 2 caribou; 65 flights), 1995-96.

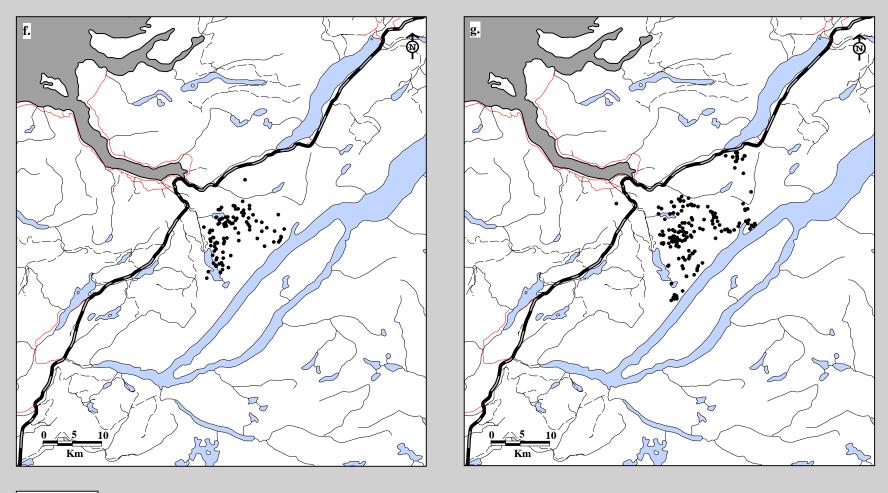




Fig. 6B-9. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for f. yearlings (95 locations; 2 caribou; 65 flights) and g. calves (181 locations; 13 caribou; 65 flights), 1995-96.

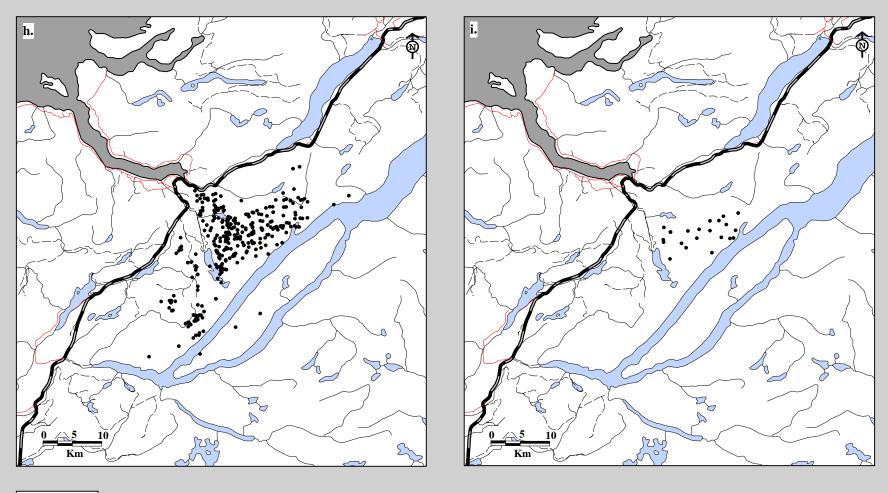




Fig. 6B-9. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for h. adults (326 locations; 17 caribou; 29 flights) and i. two-year olds (22 locations; 6 caribou; 29 flights), 1996-97.

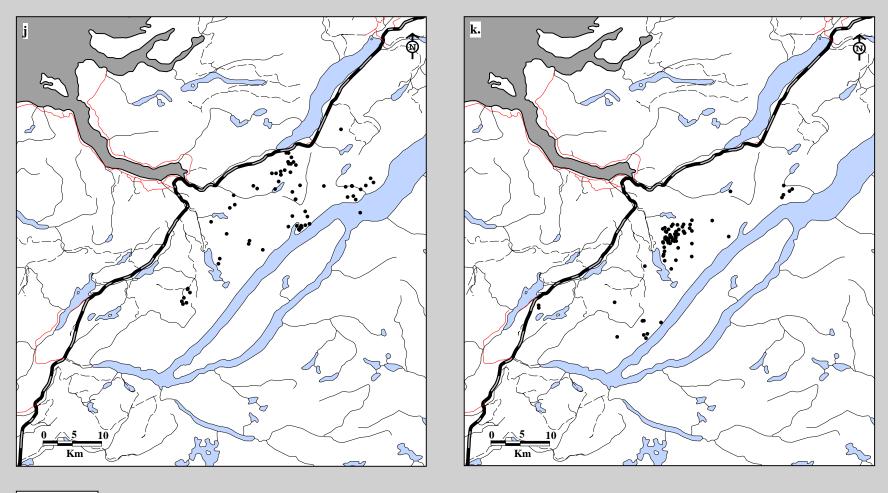




Fig. 6B-9. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for j. yearlings (70 locations; 5 caribou; 29 flights) and k. calves (73 locations; 10 caribou; 29 flights), 1996-97.

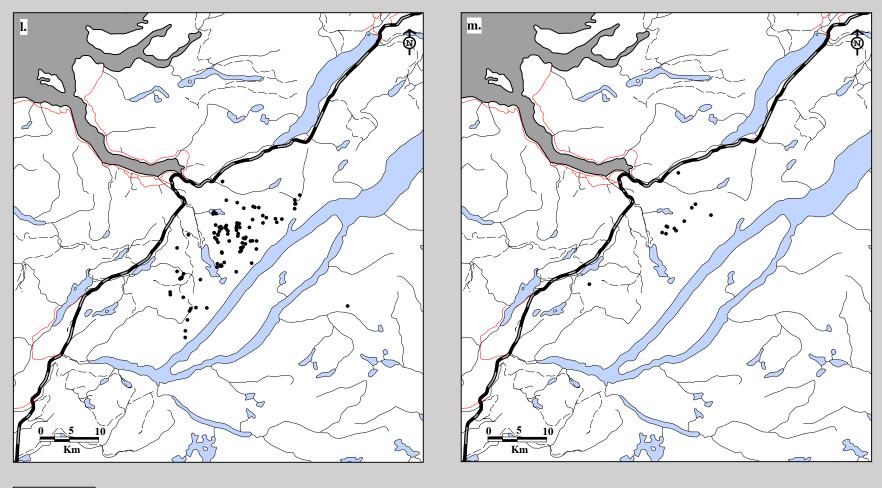




Fig. 6B-9. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for 1. adults (96 locations; 13 caribou; 16 flights) and m. yearlings (12 locations; 4 caribou; 16 flights), 1997-98.

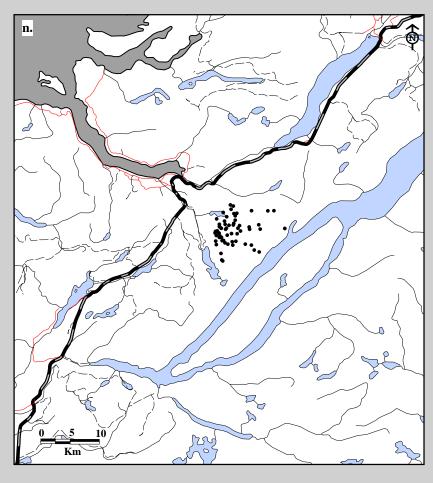




Fig. 6B-9. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for n. calves (83 locations; 16 caribou; 16 flights), 1997-98.

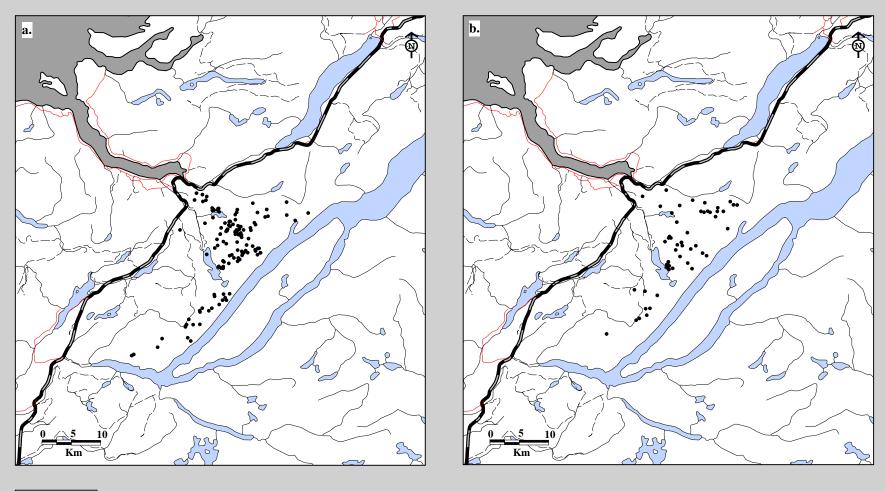




Fig. 6B-10. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. spring (131 locations; 20 caribou; 12 flights) and b. summer (53 locations; 14 caribou; 5 flights), 1994-95.

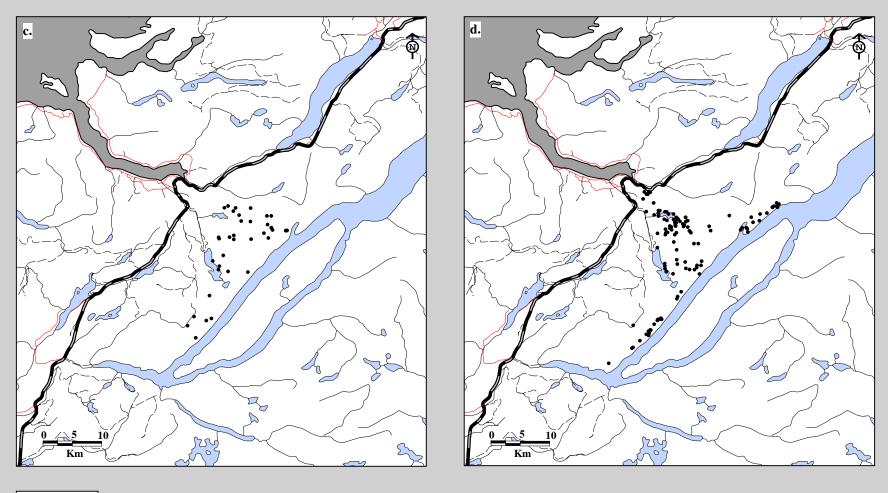




Fig. 6B-10: Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. fall (38 locations; 13 caribou; 4 flights) and d. winter (117 locations; 12 caribou; 17 flights), 1994-95.

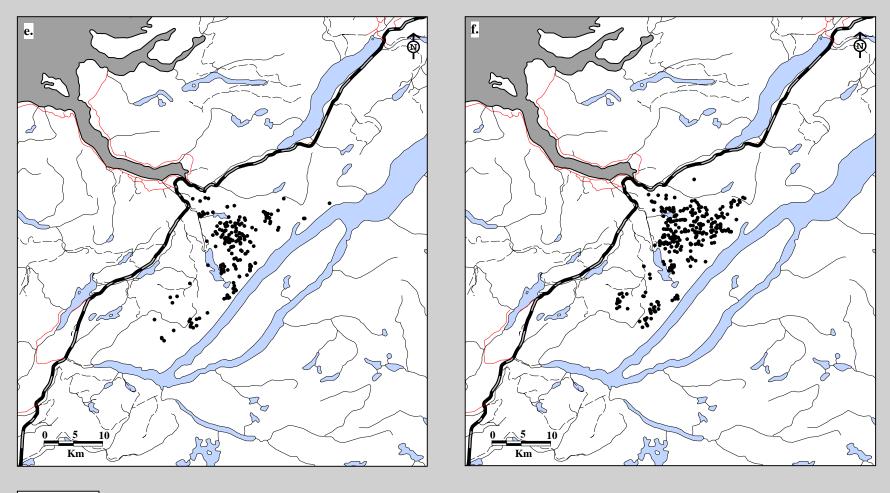




Fig. 6B-10. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for e. spring (203 locations; 32 caribou; 19 flights) and f. summer (314 locations; 26 caribou; 17 flights), 1995-96.

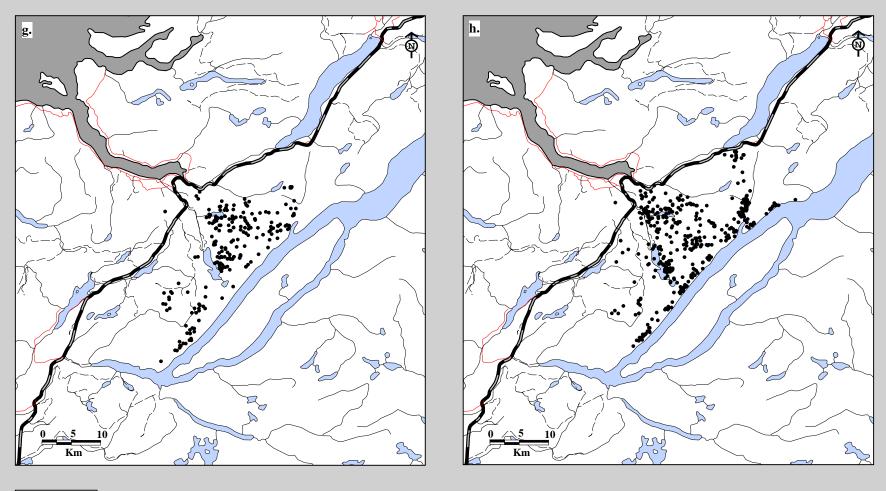




Fig. 6B-10. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for g. fall (224 locations; 25 caribou; 11 flights) and h. winter (408 locations; 25 caribou; 18 flights), 1995-96.

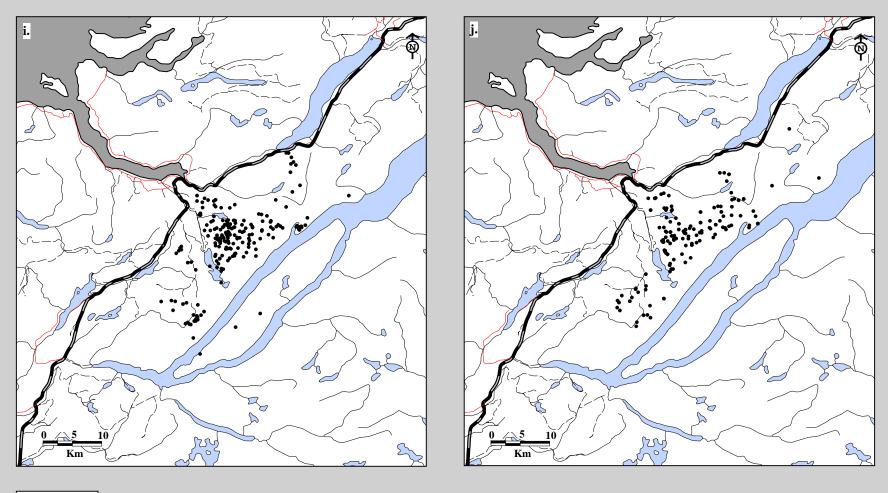




Fig. 6B-10. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for i. spring (213 locations; 33 caribou; 12 flights) and j. summer (152 locations; 26 caribou; 8 flights), 1996-97.

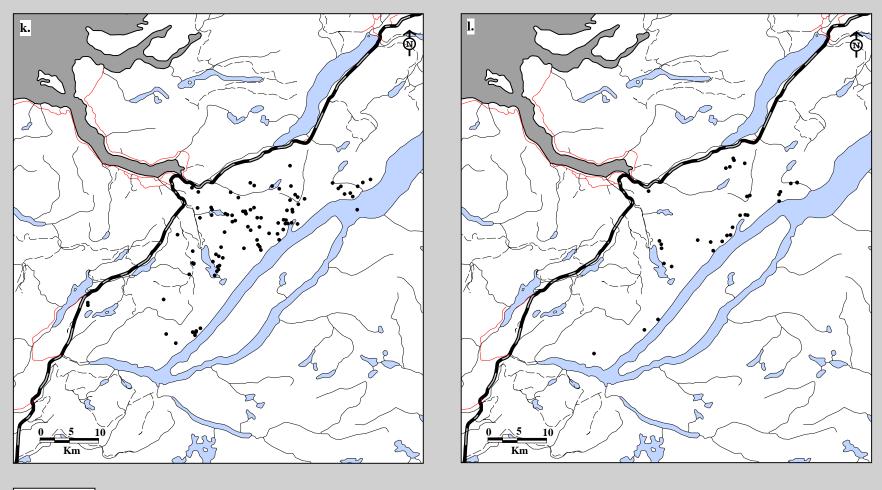




Fig. 6B-10. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for k. fall (94 locations; 27 caribou; 6 flights) and l. winter (32 locations; 22 caribou; 3 flights), 1996-97.

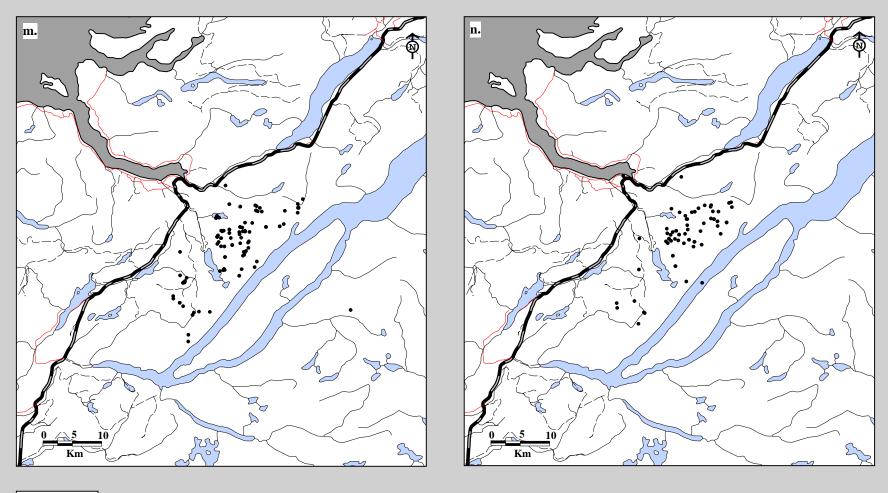




Fig. 6B-10. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for m. spring (106 locations; 29 caribou; 11 flights) and n. summer (69 locations; 29 caribou; 4 flights), 1997-98.

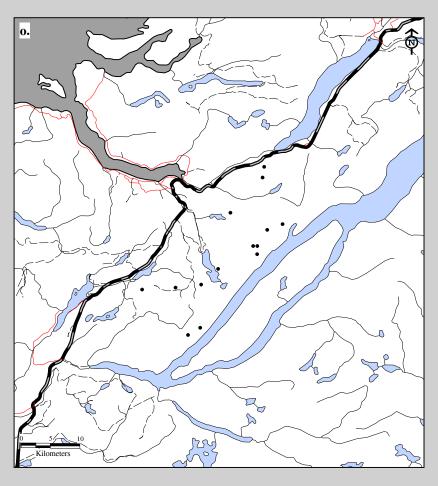




Fig. 6B-10. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for o. fall (14 locations; 14 caribou; 1 flight), 1997-98.

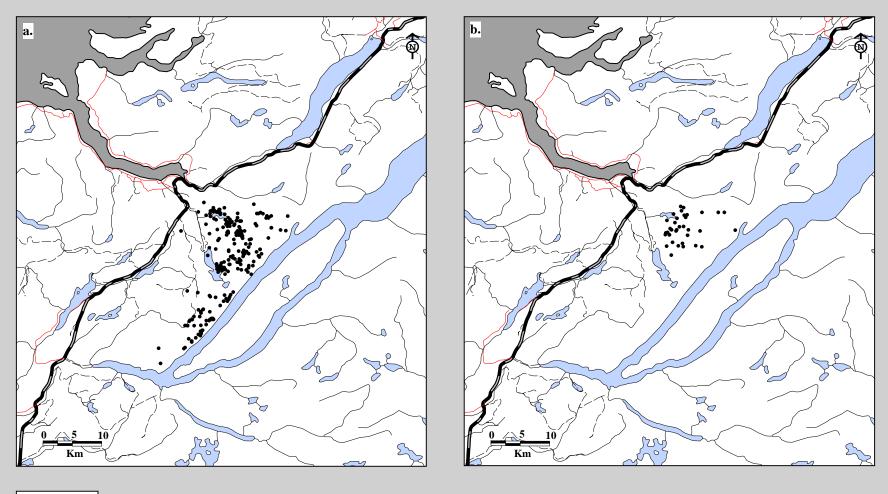




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. female adults (214 locations; 10 caribou; 38 flights) and b. female calves (36 locations; 4 caribou; 38 flights), 1994-95.

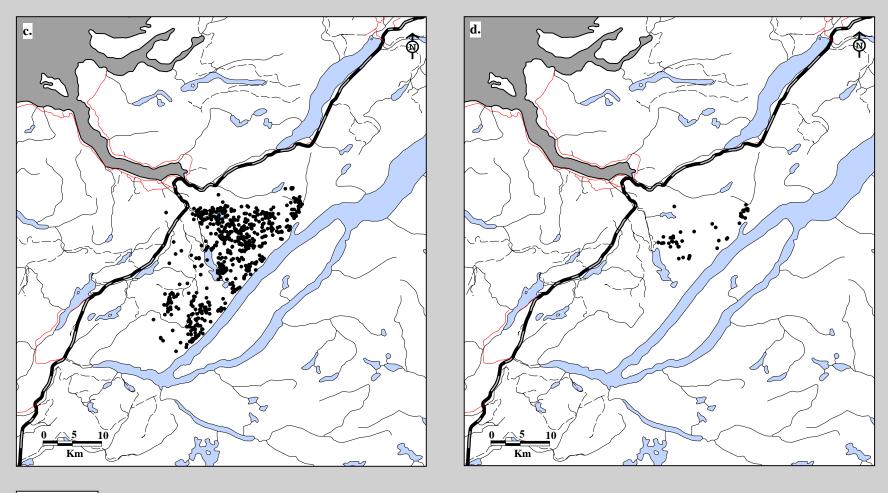




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. adult females (613 locations; 13 caribou; 65 flights) and d. two-year old females (43 locations; 1 caribou; 65 flights), 1995-96.

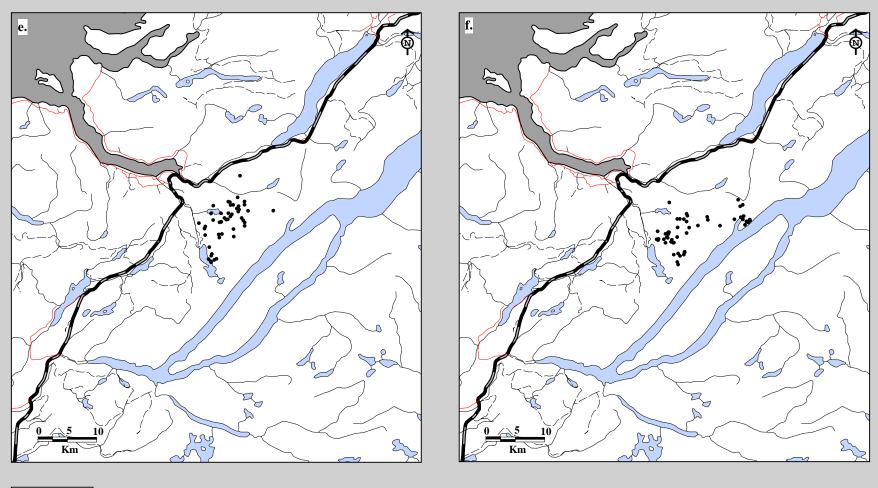




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for e. female yearlings (48 locations; 1 caribou; 65 flights) and f. female calves (54 locations; 3 caribou; 65 flights), 1995-96.

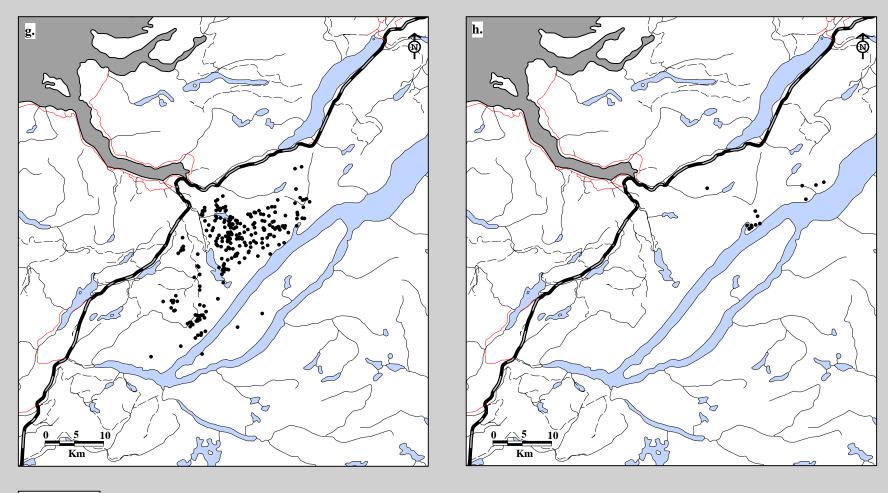




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for g. female adults (264 locations; 14 caribou; 29 flights) and h. female yearlings (17 locations; 1 caribou; 29 flights), 1996-97.

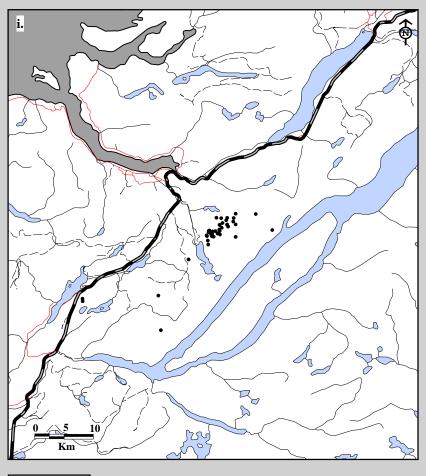




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for i. female calves (43 locations; 5 caribou; 29 flights), 1996-97.

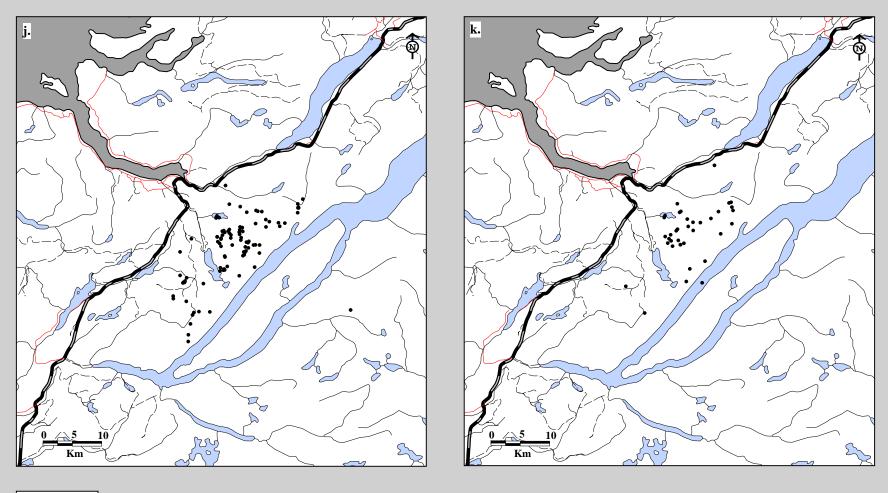




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for j. female adults (94 locations; 11 caribou; 16 flights) and k. female calves (38 locations; 7 caribou; 16 flights), 1997-98.

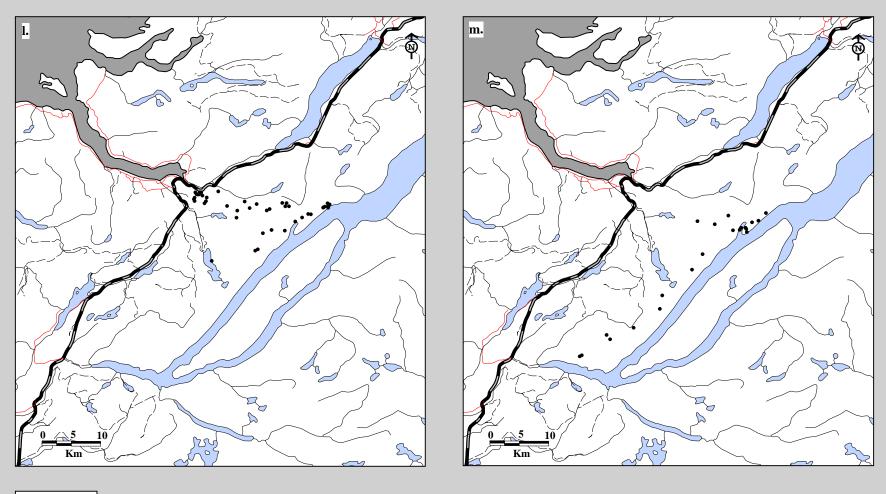




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for l. adult males (44 locations; 2 caribou; 38 flights) and m. two-year old males (21 locations; 1 caribou; 38 flights), 1994-95.

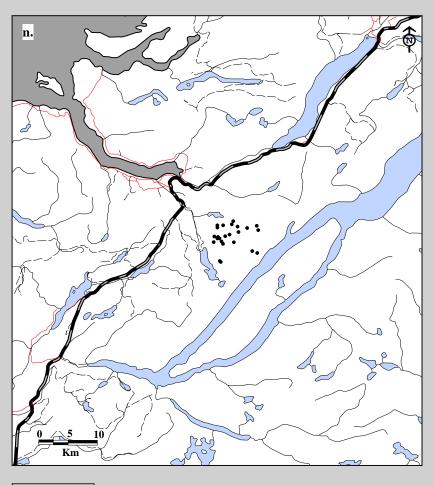




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for n. male calves (24 locations; 3 caribou; 38 flights), 1994-95.

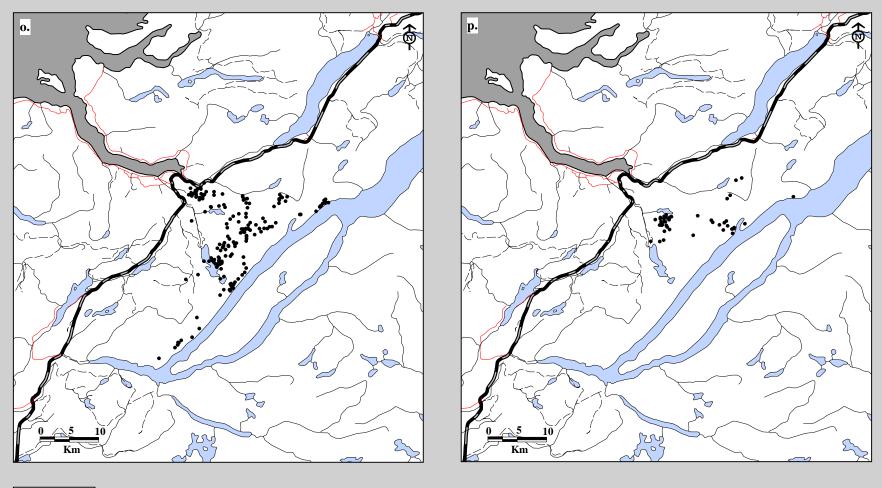




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for o. adult males (174 locations; 4 caribou; 65 flights) and p. two-year old males (43 locations; 1 caribou; 65 flights), 1995-96.

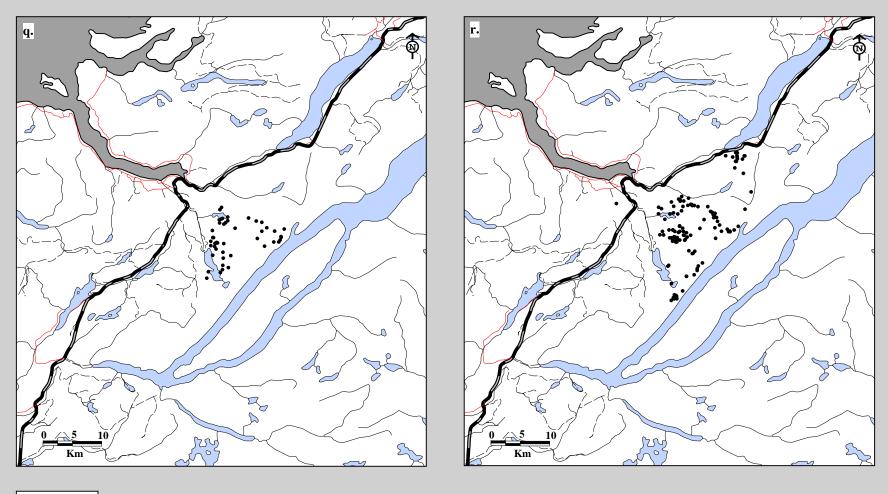




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for q. male yearlings (47 locations; 1 caribou; 65 flights) and r. male calves (127 locations; 10 caribou; 65 flights), 1995-96.

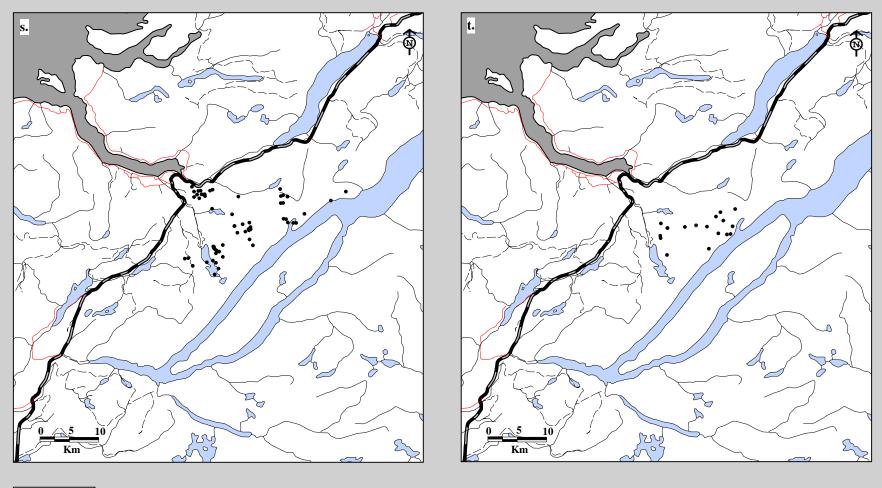




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for s. adult males (62 locations; 4 caribou; 29 flights) and t. two-year old males (18 locations; 2 caribou; 29 flights), 1996-97.

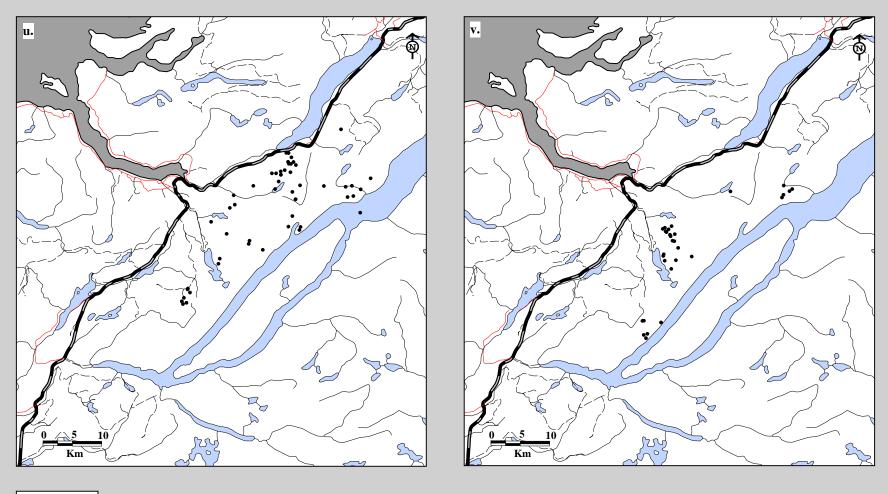




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for u. male yearlings (53 locations; 4 caribou; 29 flights) and v. male calves (30 locations; 5 caribou; 29 flights), 1996-97.

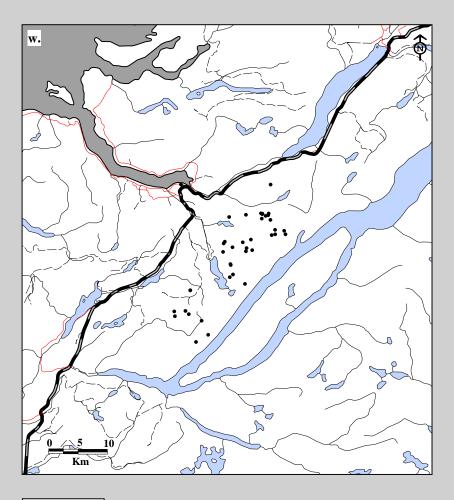




Fig. 6B-11. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for w. male calves (40 locations; 8 caribou; 16 flights), 1997-98.

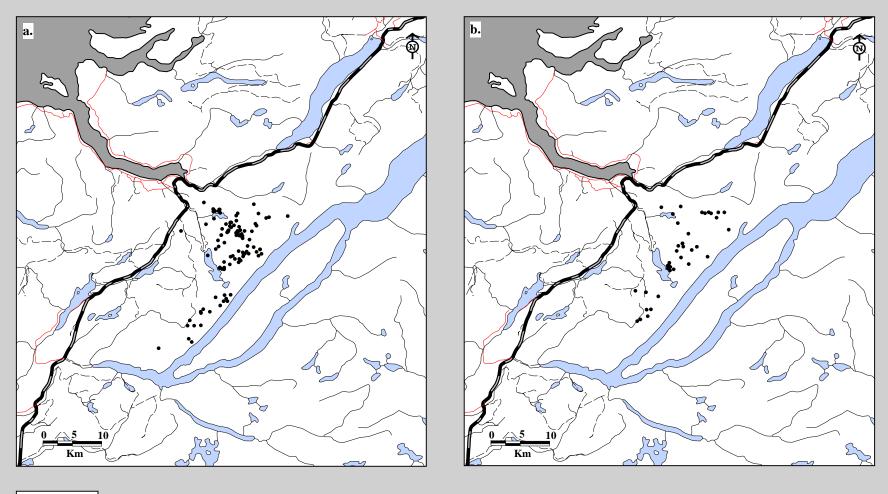




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for females in a. spring (105 locations; 14 caribou; 12 flights) and b. summer (38 locations; 10 caribou; 5 flights), 1994-95.

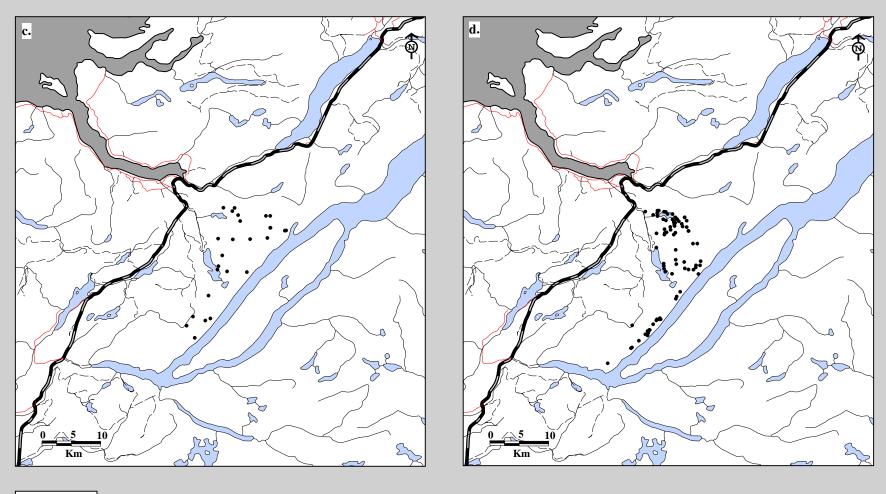




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for females in c. fall (26 locations; 9 caribou; 4 flights) and d. winter (81 locations; 8 caribou; 17 flights), 1994-95.

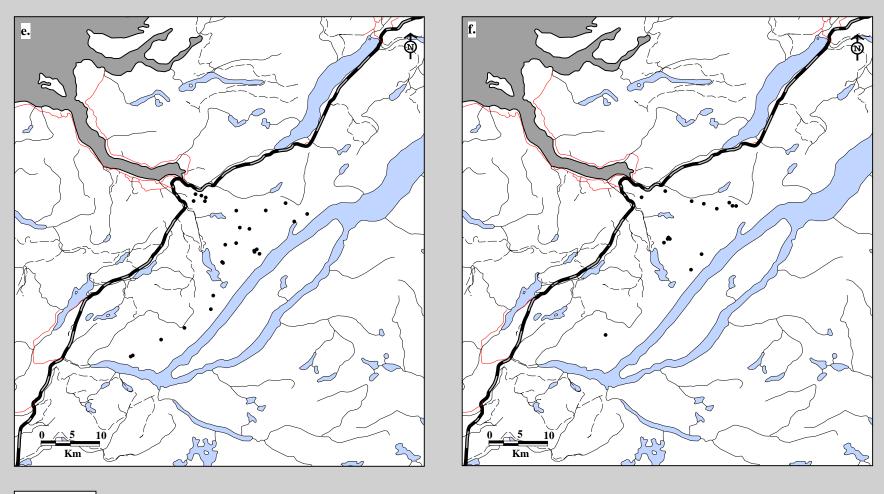




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for males in e. spring (26 locations; 6 caribou; 12 flights) and f. summer (15 locations; 4 caribou; 5 flights), 1994-95.

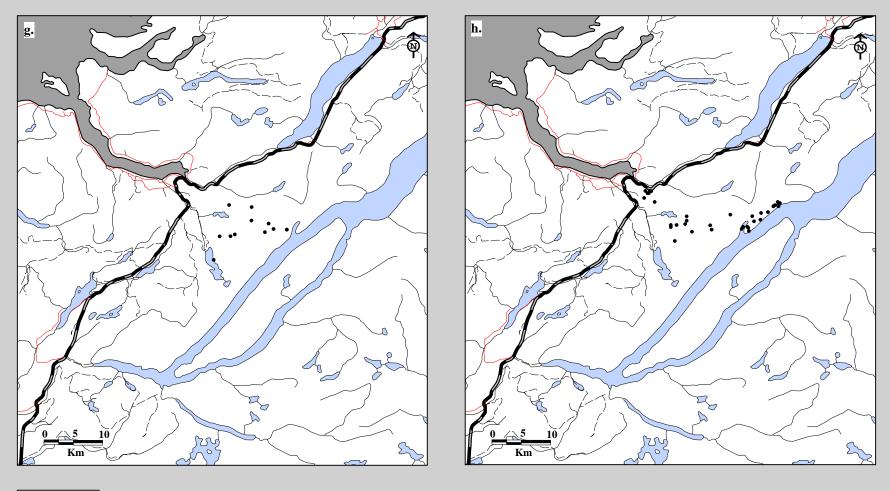




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for males in g. fall (12 locations; 4 caribou; 4 flights) and h. winter (36 locations; 4 caribou; 17 flights), 1994-95.

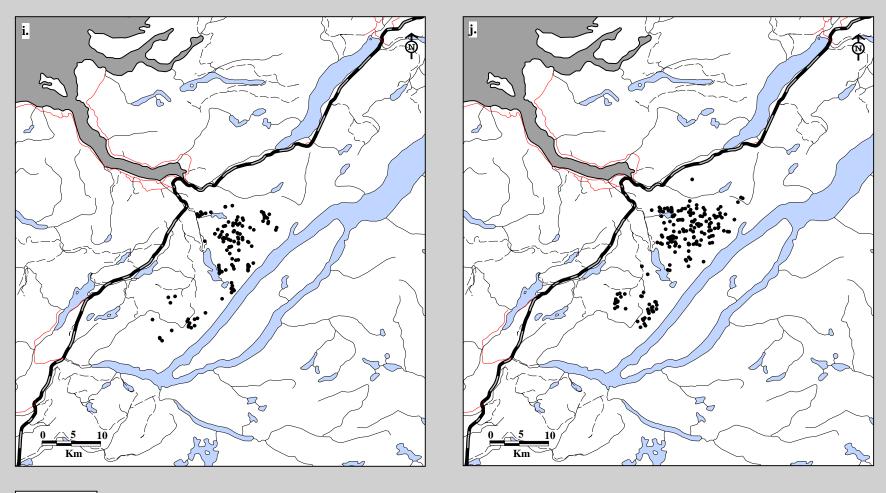




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for females in i. spring (129 locations; 18 caribou; 19 flights) and j. summer (205 locations; 16 caribou; 17 flights), 1995-96.

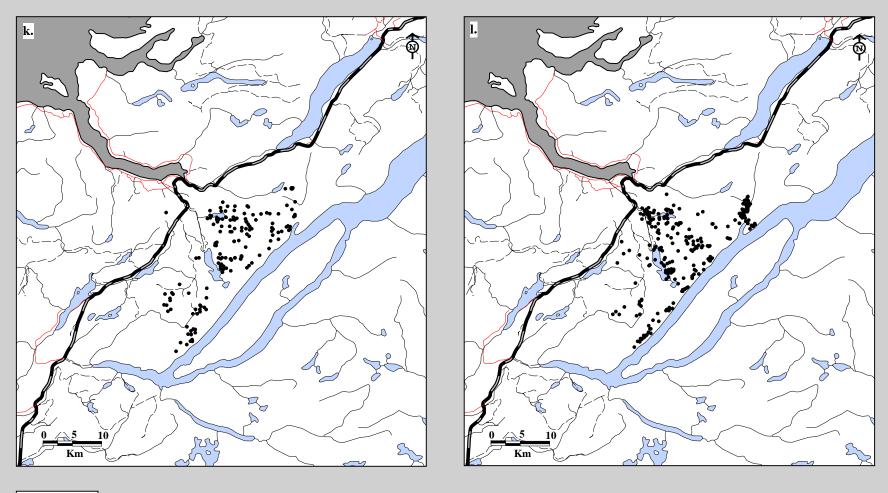




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for females in k. fall (158 locations; 16 caribou; 11 flights) and l. winter (266 locations; 16 caribou; 18 flights), 1995-96.

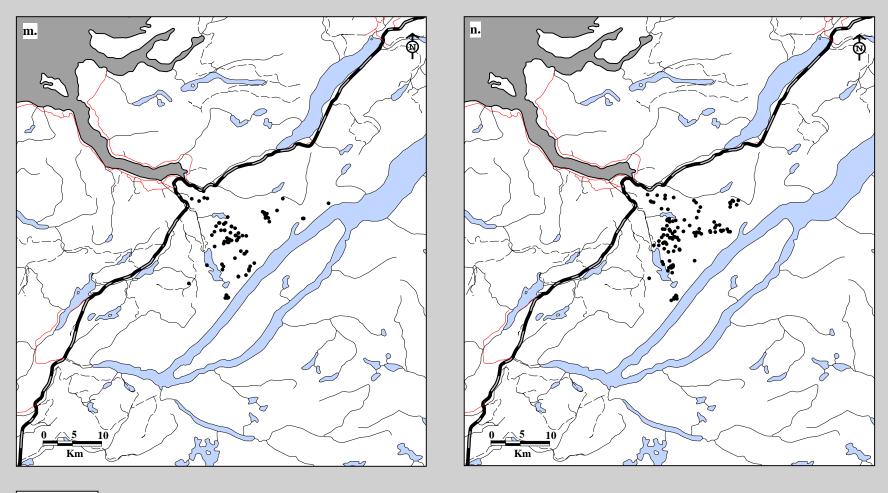




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for males in m. spring (74 locations; 14 caribou; 19 flights) and n. summer (109 locations; 10 caribou; 17 flights), 1995-96.

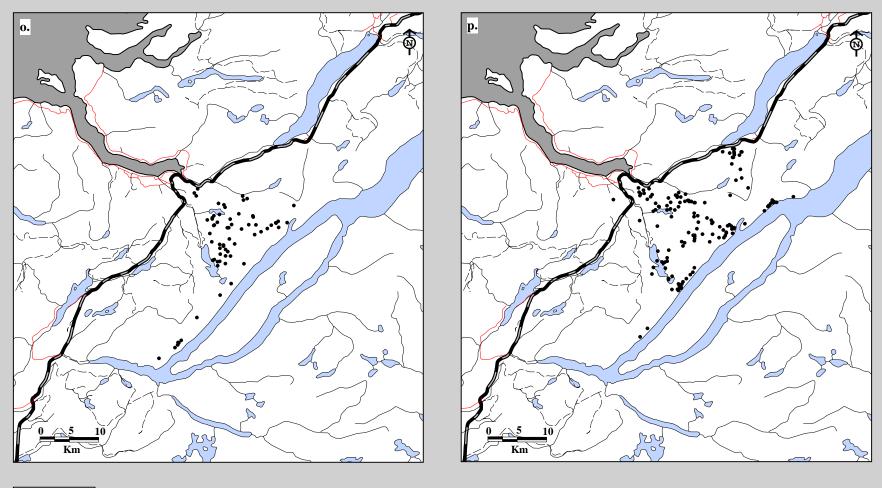




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for males in o. fall (66 locations; 9 caribou; 11 flights) and p. winter (142 locations; 9 caribou; 18 flights), 1995-96.

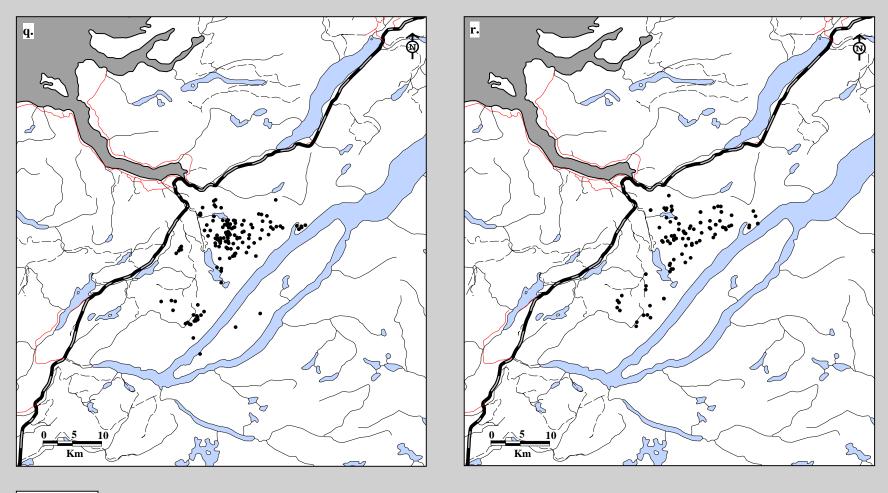




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for females in q. spring (150 locations; 19 caribou; 12 flights) and r. summer (103 locations; 17 caribou; 8 flights), 1996-97.

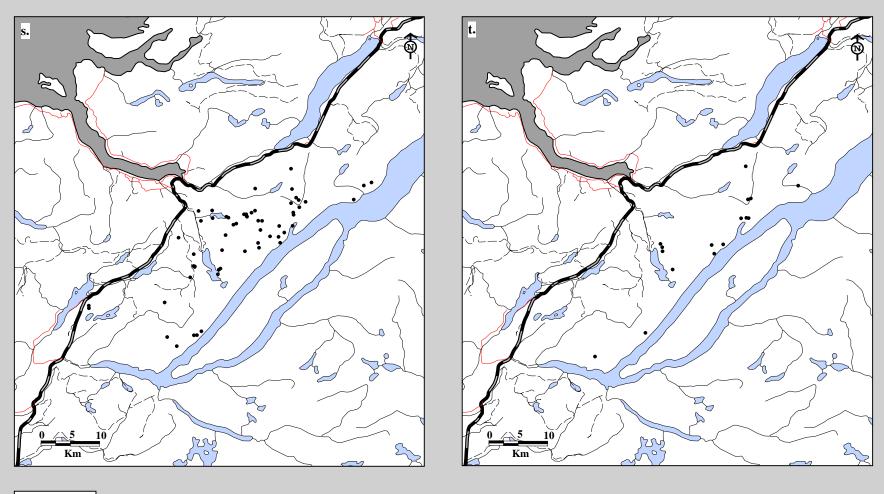




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for females in s. fall (59 locations; 17 caribou; 6 flights) and t. winter (16 locations; 12 caribou; 3 flights), 1996-97.

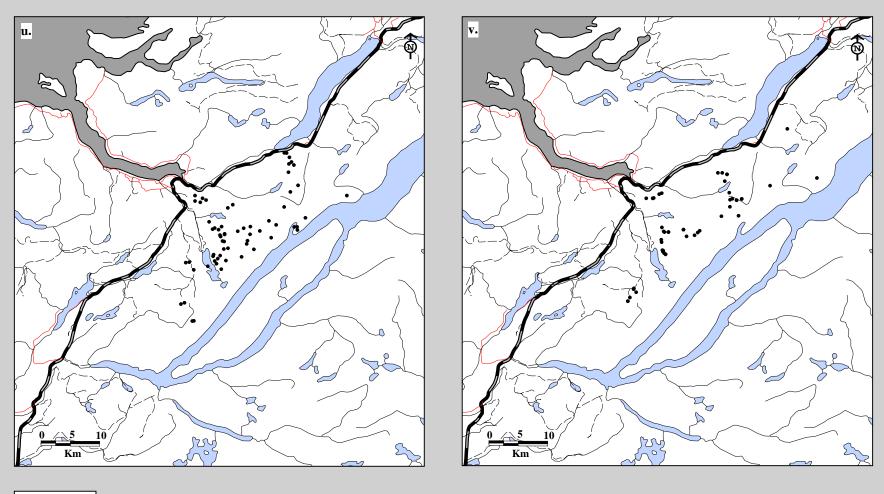




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for males in u. spring (63 locations; 14 caribou; 12 flights) and v. summer (49 locations; 9 caribou; 8 flights), 1996-97.

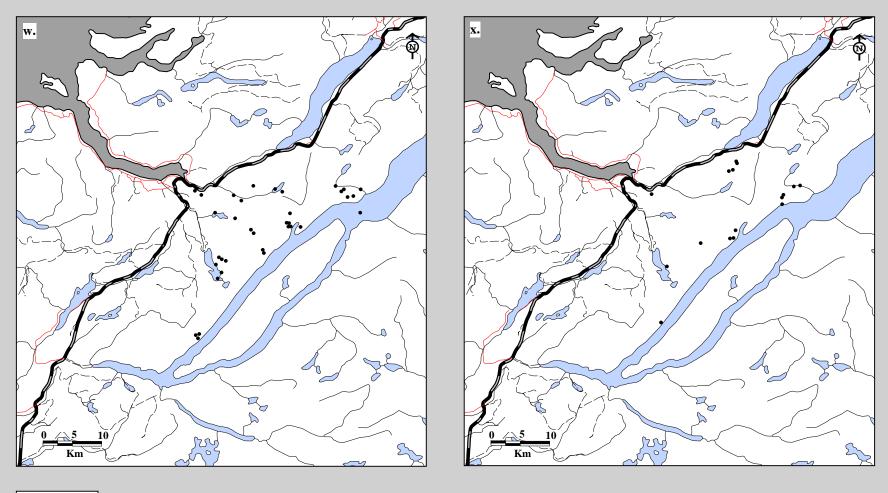




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for males in w. fall (35 locations; 10 caribou; 6 flights) and x. winter (16 locations; 10 caribou; 3 flights), 1996-97.

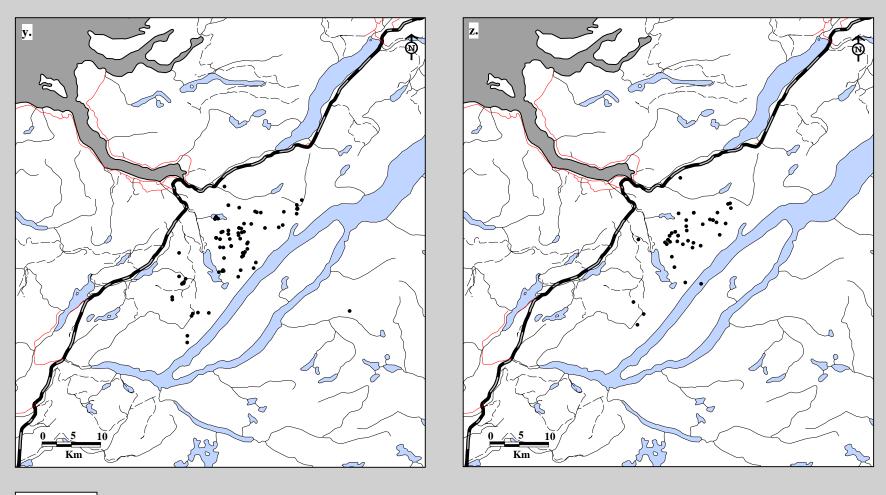




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for females in y. spring (86 locations; 19 caribou; 11 flights) and z. summer (46 locations; 18 caribou; 4 flights), 1997-98.

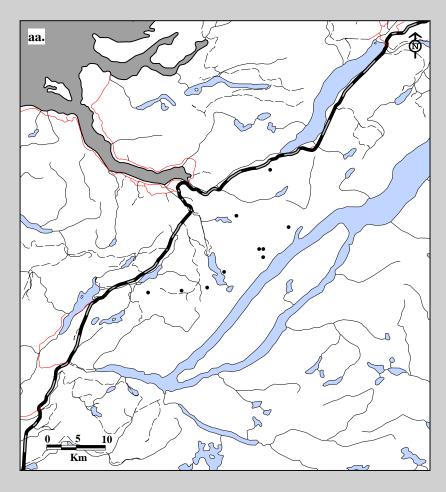




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for females in aa. fall (10 locations; 10 caribou; 1 flight), 1997-98.

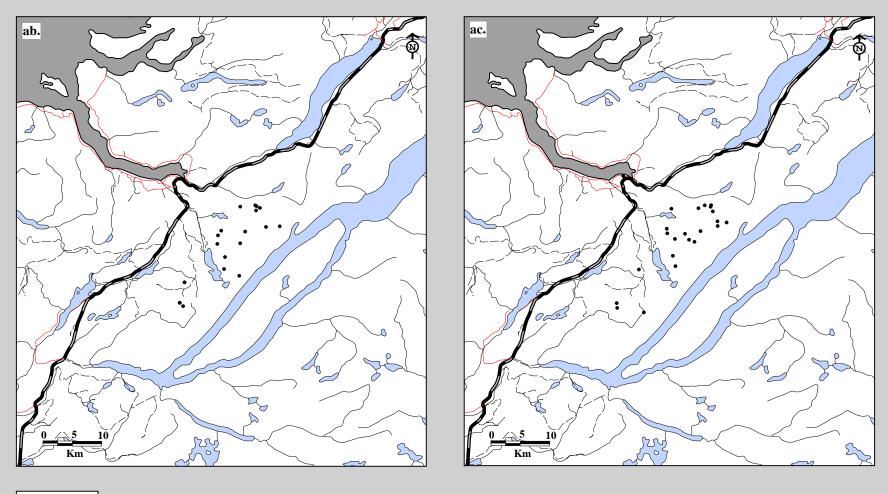




Fig. 6B-12. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for males in ab. spring (20 locations; 10 caribou; 11 flights) and ac. summer (23 locations; 11 caribou; 4 flights), 1997-98.

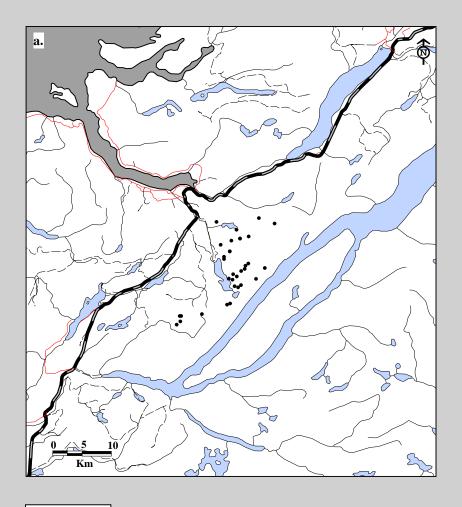




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. adults (33 locations; 12 caribou; 4 flights) in winter, 1994.

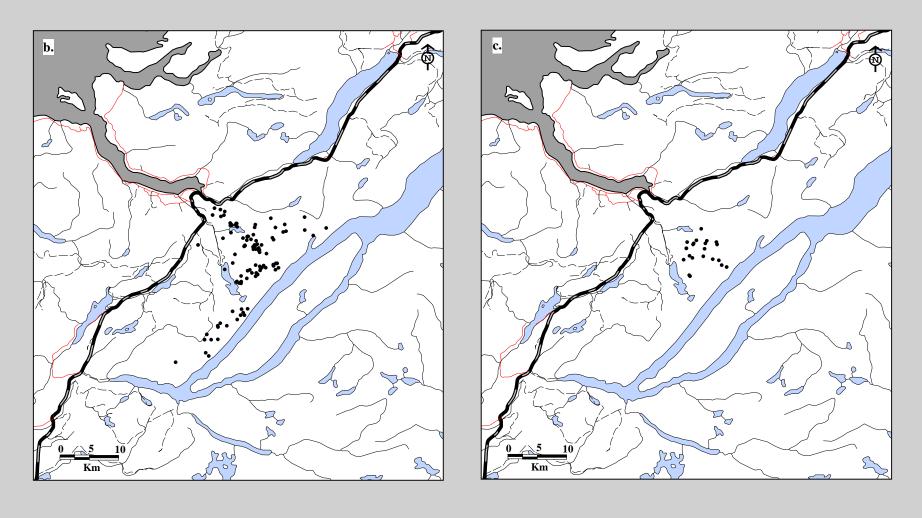




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for b. adults (103 locations; 12 caribou; 12 flights) and c. calves (22 locations; 7 caribou; 12 flights) in spring, 1994-95.

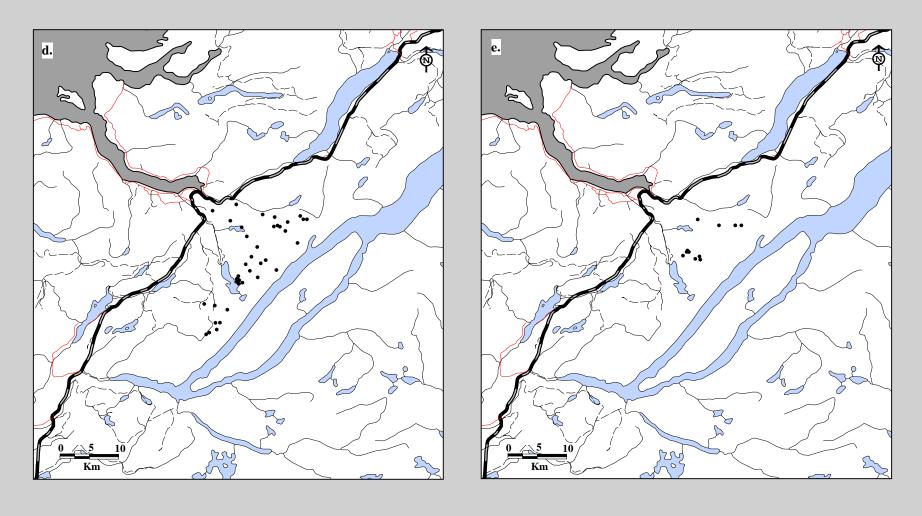




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for d. adults (39 locations; 10 caribou; 5 flights) and e. calves (11 locations; 3 caribou; 5 flights) in summer, 1994-95.

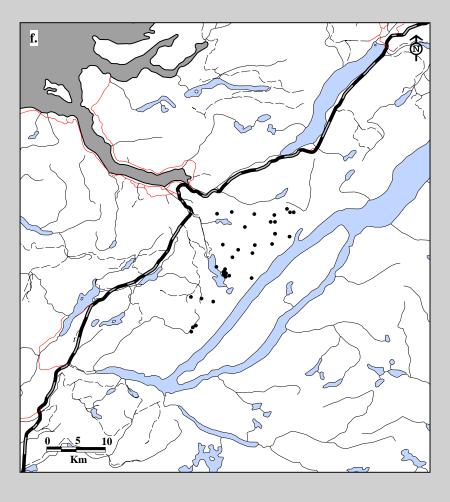




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for f. adults (27 locations; 9 caribou; 4 flights) in fall, 1994-95.

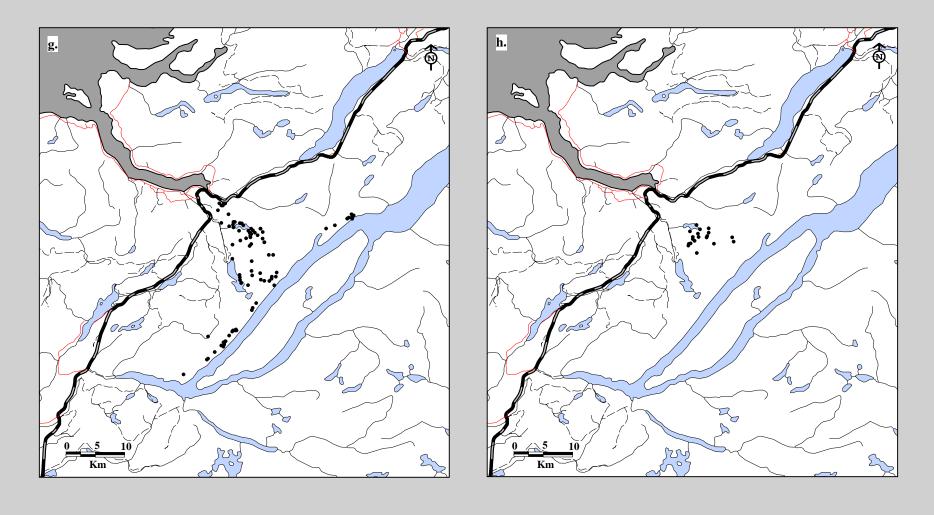




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for g. adults (89 locations; 9 caribou; 13 flights) and h. calves (19 locations; 2 caribou; 13 flights) in winter, 1994-95.

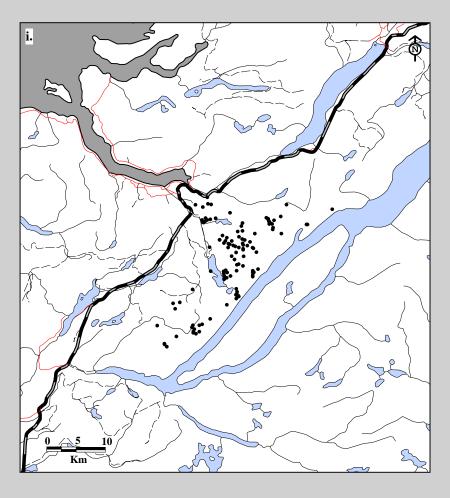




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for i. adults (116 locations; 7 caribou; 19 flights) in spring, 1995-96.

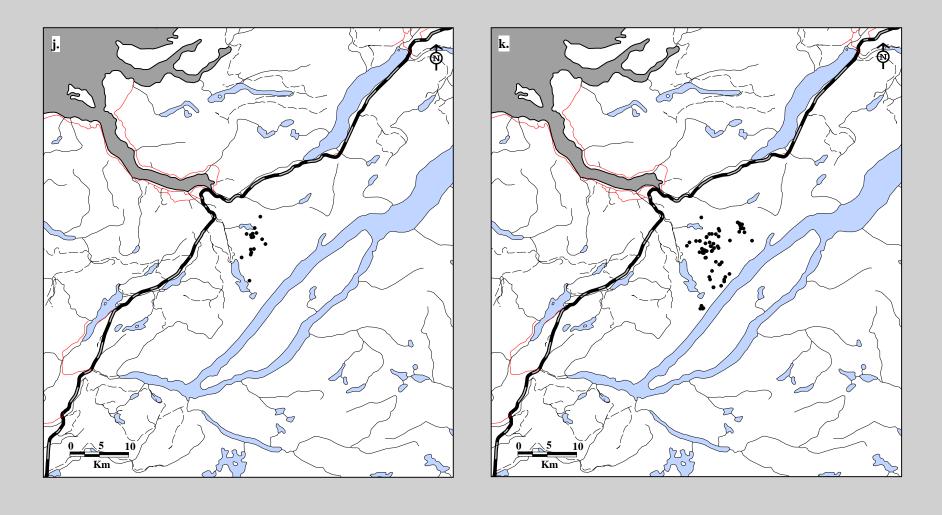




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for j. yearlings (17 locations; 2 caribou; 19 flights) and k. calves (64 locations; 11 caribou; 19 flights) in spring, 1995-96.

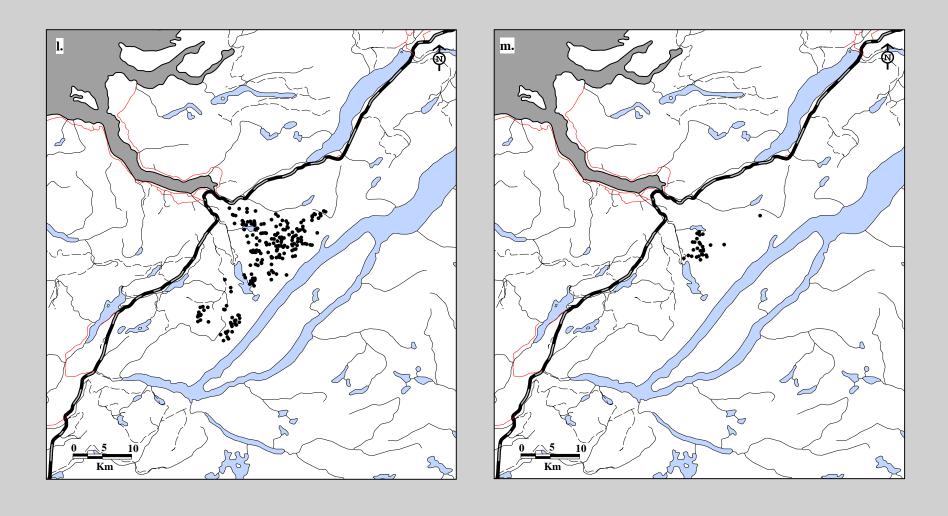




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for 1. adults (219 locations; 17 caribou; 17 flights) and m. two-year olds (28 locations; 2 caribou; 17 flights) in summer, 1995-96.

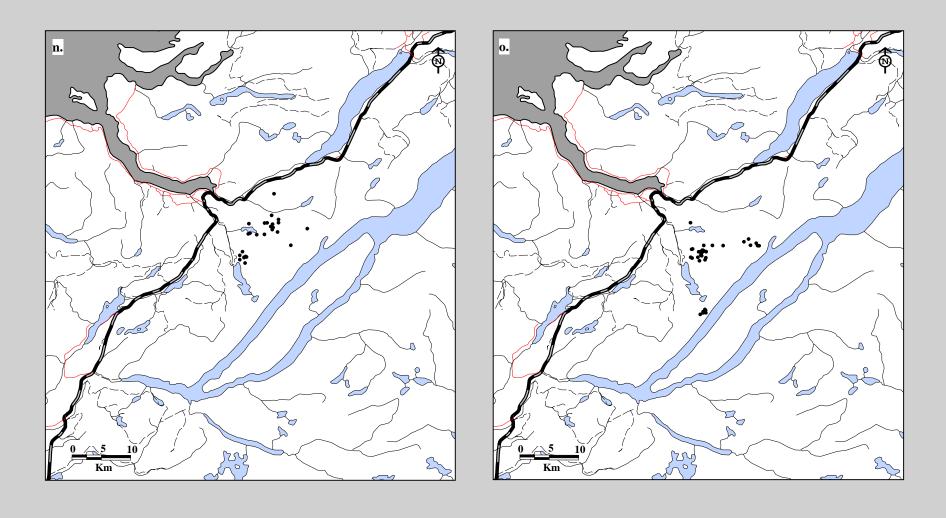




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for n. yearlings (26 locations; 2 caribou; 17 flights) and o. calves (41 locations; 5 caribou; 17 flights) in summer, 1995-96.

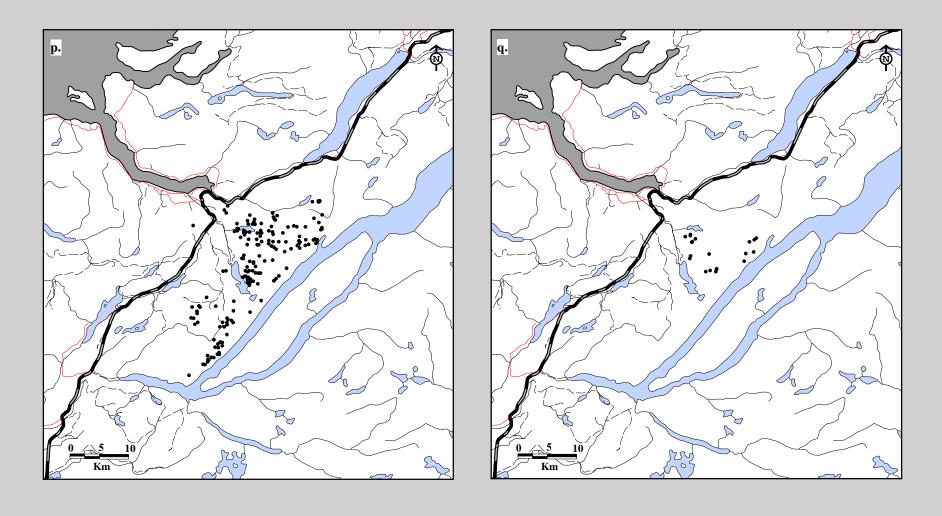




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for p. adults (169 locations; 17 caribou; 11 flights) and q. two-year olds (20 locations; 2 caribou; 11 flights) in fall, 1995-96.

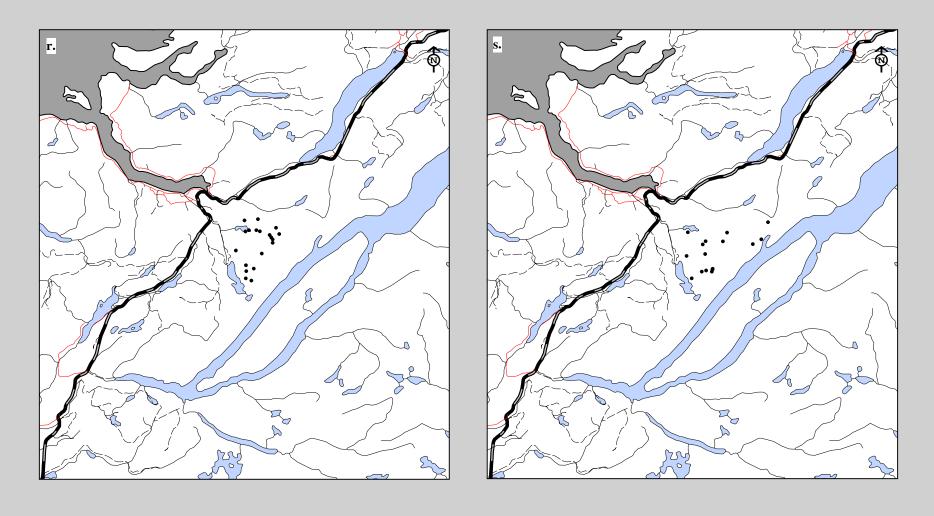




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for r. yearlings (19 locations; 2 caribou; 11 flights) and s. calves (16 locations; 4 caribou; 11 flights) in fall, 1995-96.

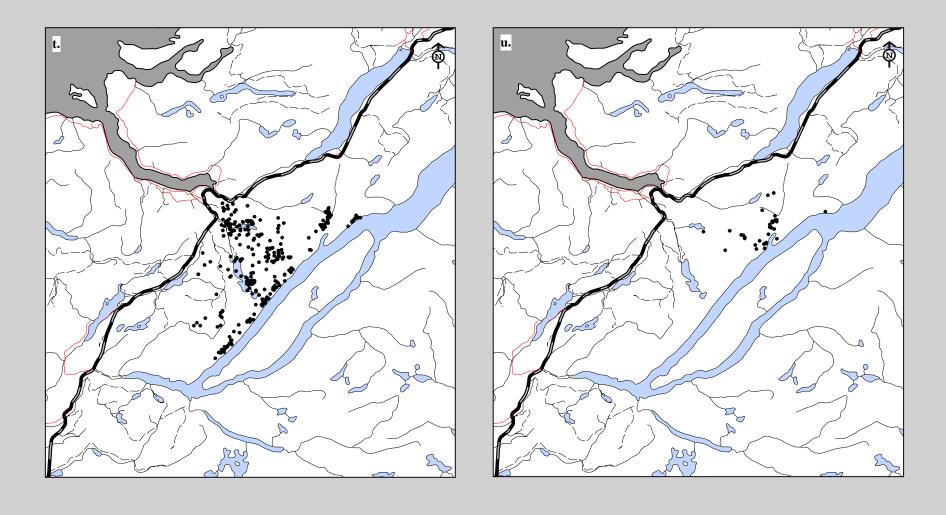




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for t. adults (283 locations; 17 caribou; 18 flights) and u. two-year olds (32 locations; 2 caribou; 18 flights) in winter, 1995-96.

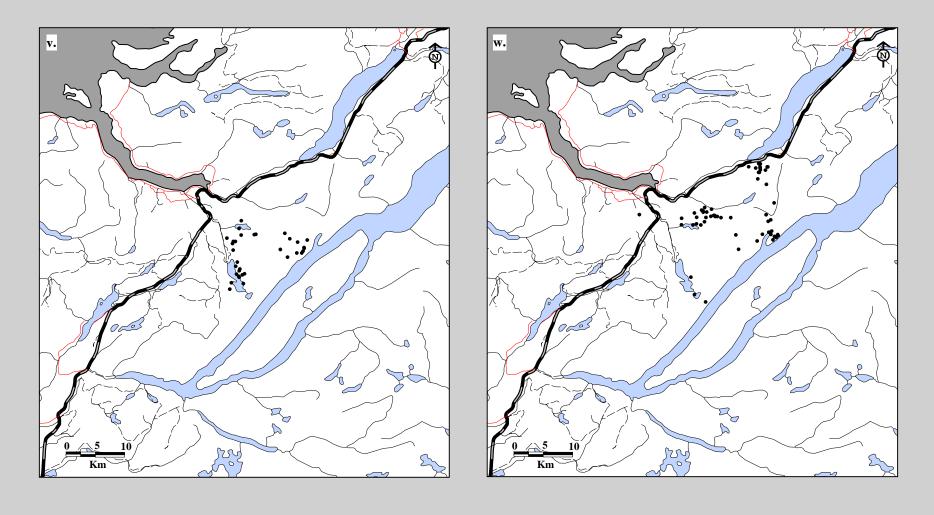




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for v. yearlings (33 locations; 2 caribou; 18 flights) and w. calves (60 locations; 4 caribou; 18 flights) in winter, 1995-96.

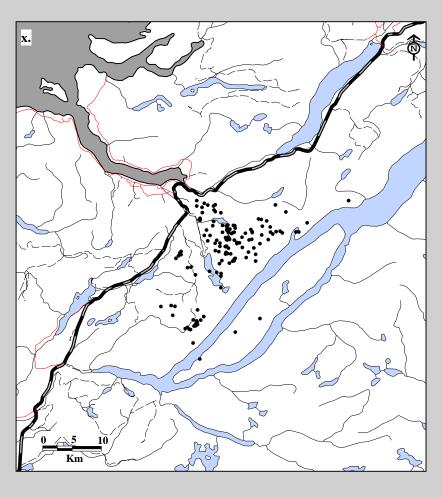




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for x. adults (140 locations; 18 caribou; 12 flights) in spring, 1996-97.

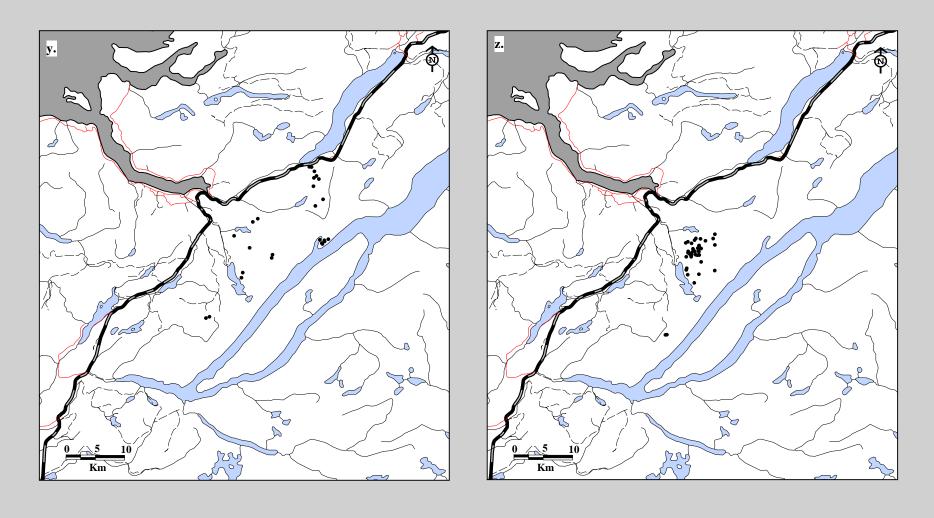




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for y. yearlings (26 locations; 5 caribou; 12 flights) and z. calves (39 locations; 9 caribou; 12 flights) in spring, 1996-97.

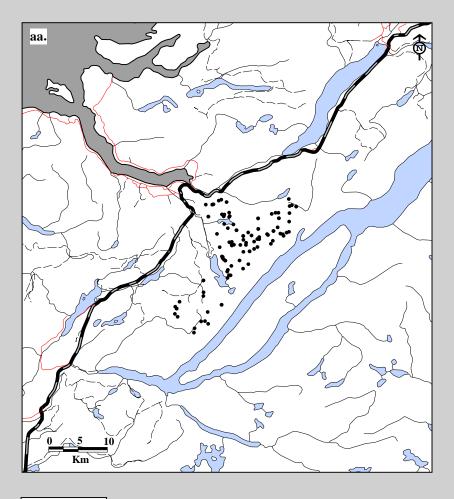




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for aa. adults (108 locations; 17 caribou; 8 flights) in summer, 1996-97.

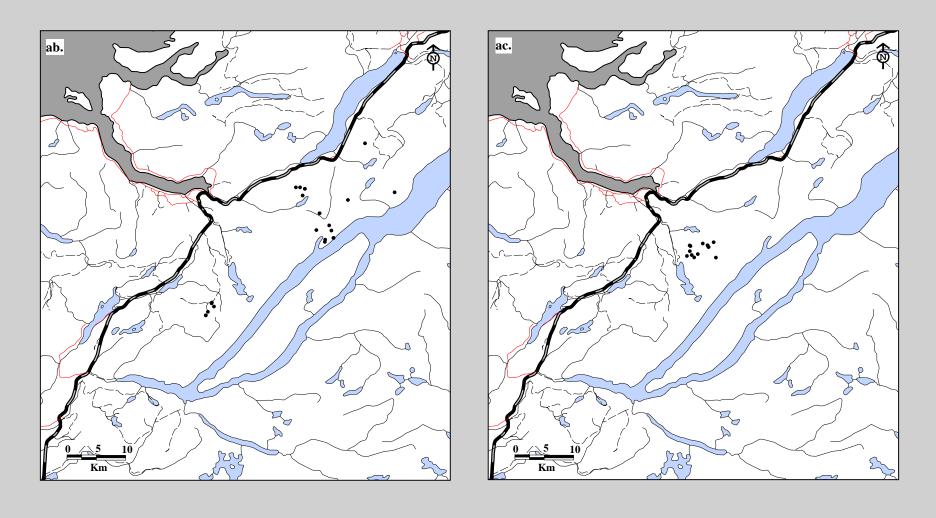




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ab. yearlings (23 locations; 4 caribou; 8 flights) and ac. calves (14 locations; 3 caribou; 8 flights) in summer, 1996-97.

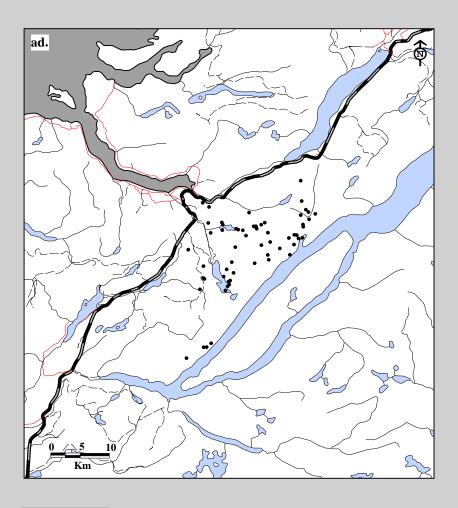




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ad. adults (61 locations; 17 caribou; 6 flights) in fall, 1996-97.

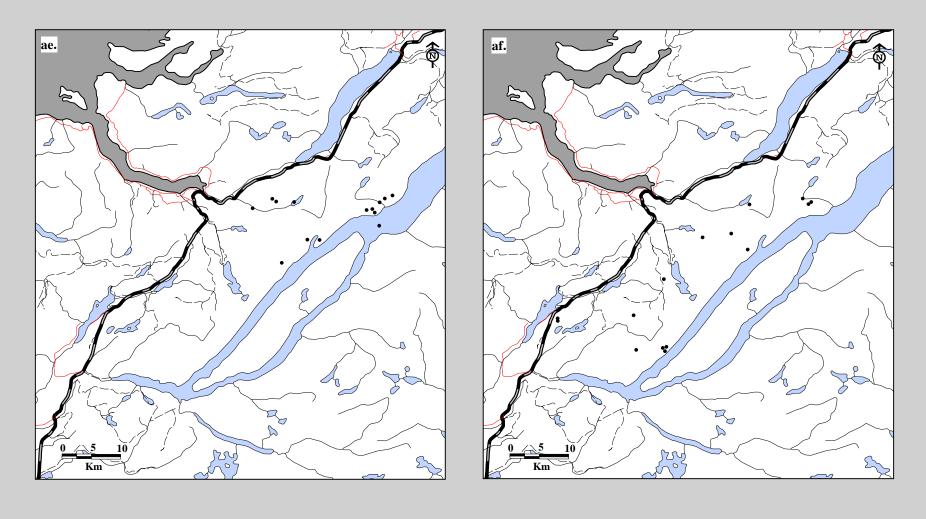




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ae. yearlings (14 locations; 4 caribou; 6 flights) and af. calves (15 locations; 5 caribou; 6 flights) in fall, 1996-97.

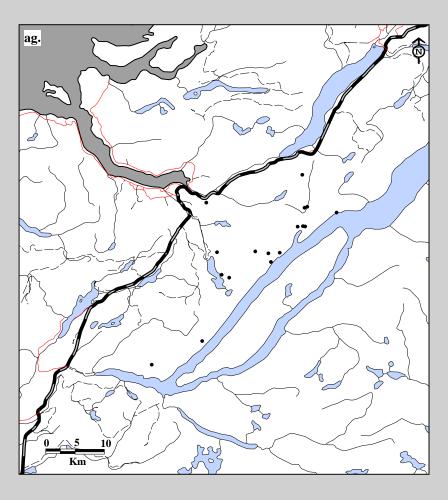




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ag. adults (17 locations; 18 caribou; 3 flights) in winter, 1996-97.

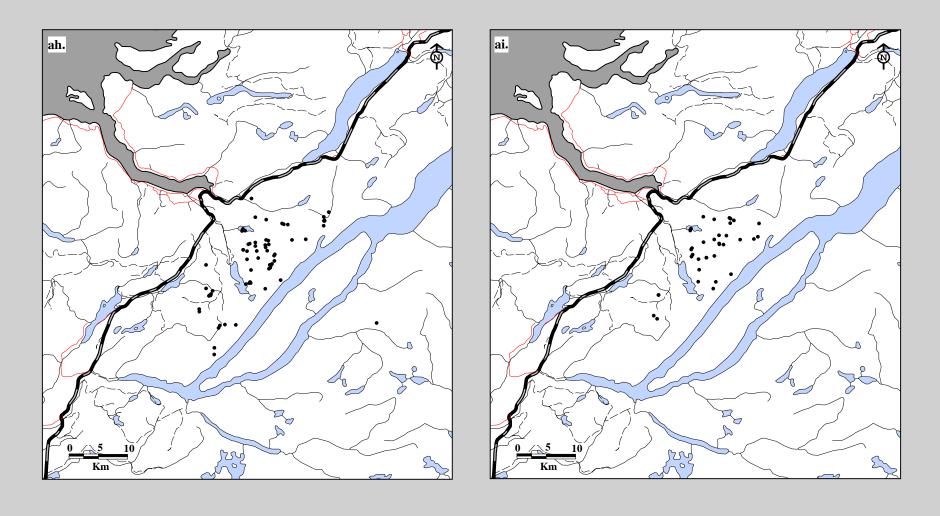




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ah. adults (66 locations; 11 caribou; 11 flights) and ai. calves (36 locations; 16 caribou; 11 flights) in spring, 1997-98.

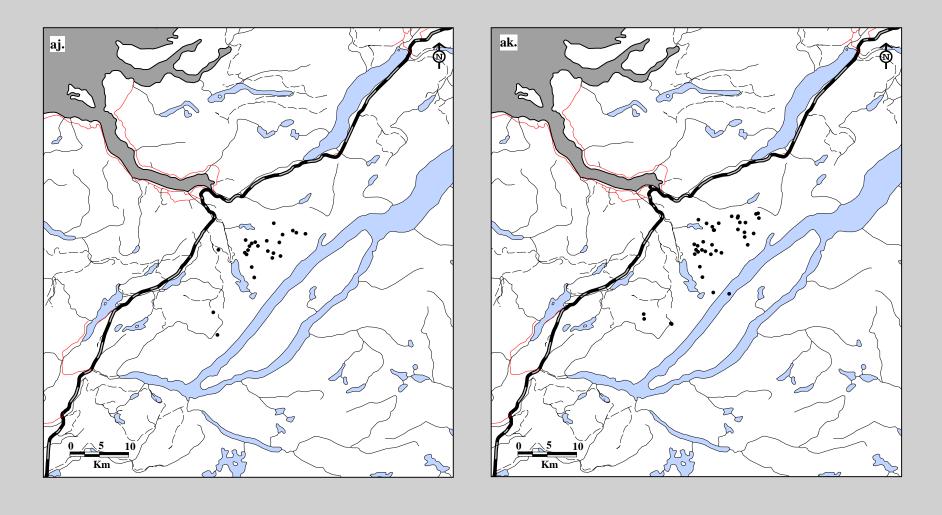




Fig. 6B-13. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for aj. adults (24 locations; 12 caribou; 4 flights) and ak. calves (41 locations; 14 caribou; 4 flights) in summer, 1997-98.

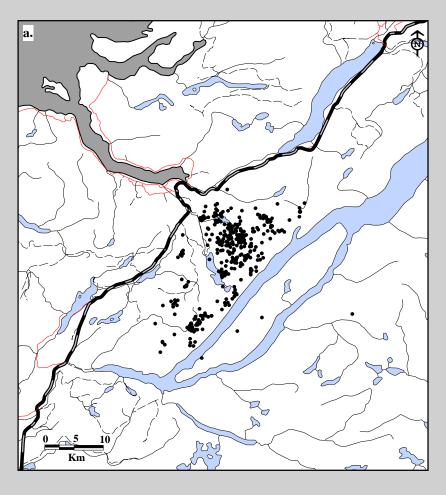




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for female a. adults (377 locations; 17 caribou; 54 flights) in spring, 1994-97.

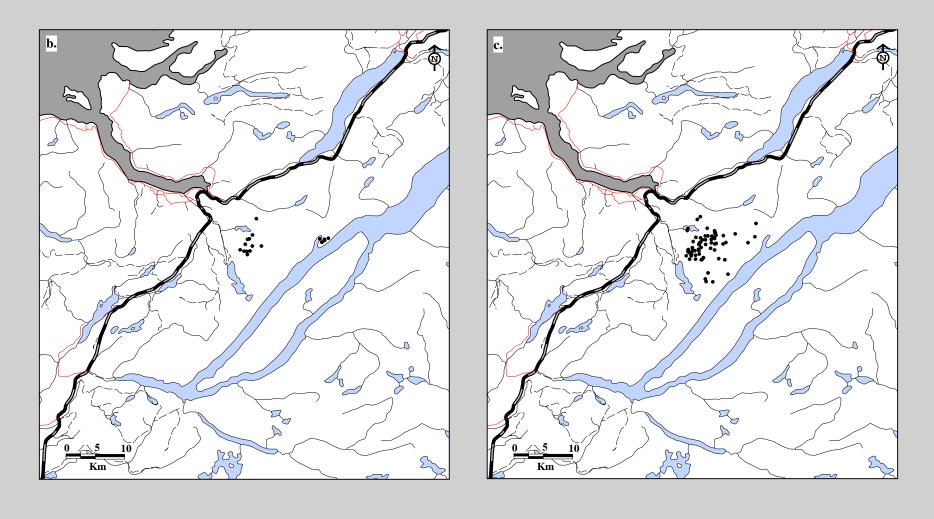




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for female b. yearlings (19 locations; 3 caribou; 54 flights) and c. calves (68 locations; 18 caribou; 54 flights) in spring, 1994-97.

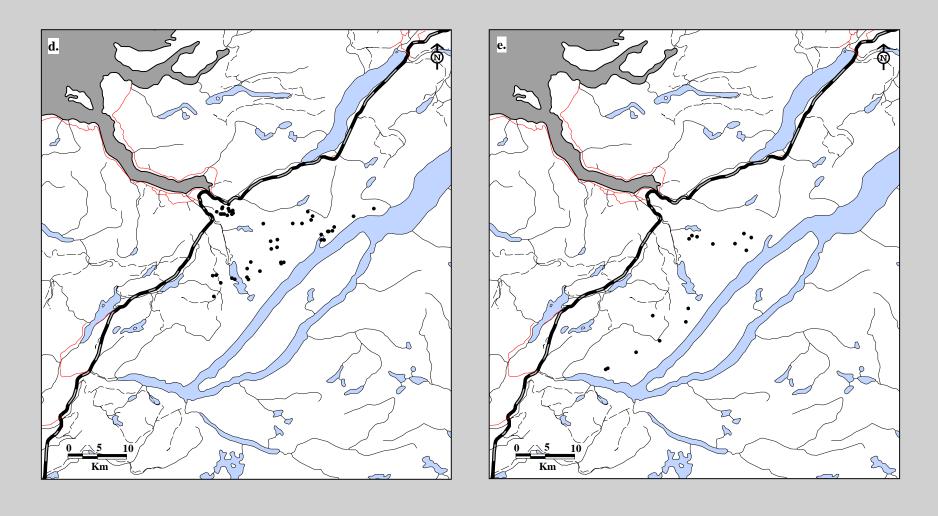




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for male d. adults (48 locations; 4 caribou; 54 flights) and e. two-year olds (15 locations; 4 caribou; 54 flights) in spring, 1994-97.

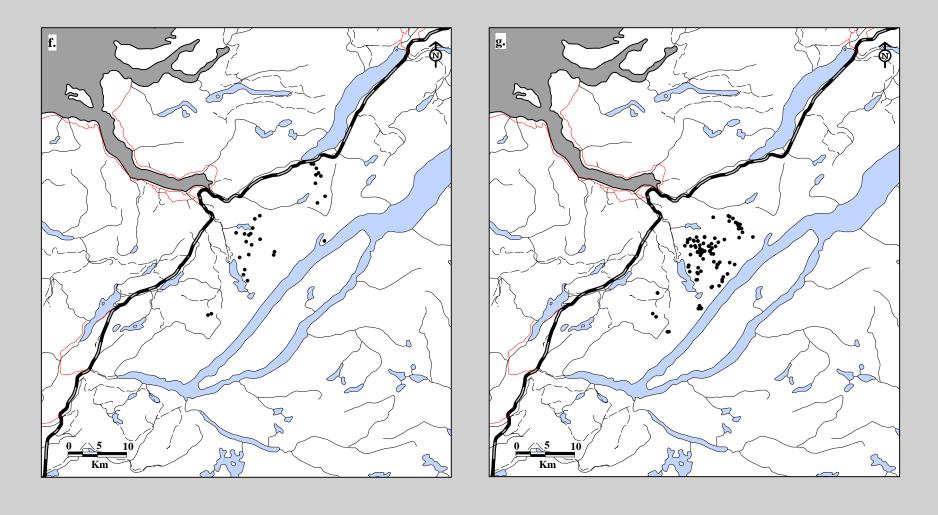




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for male f. yearlings (29 locations; 5 caribou; 54 flights) and g. calves (91 locations; 23 caribou; 54 flights) in spring, 1994-97.

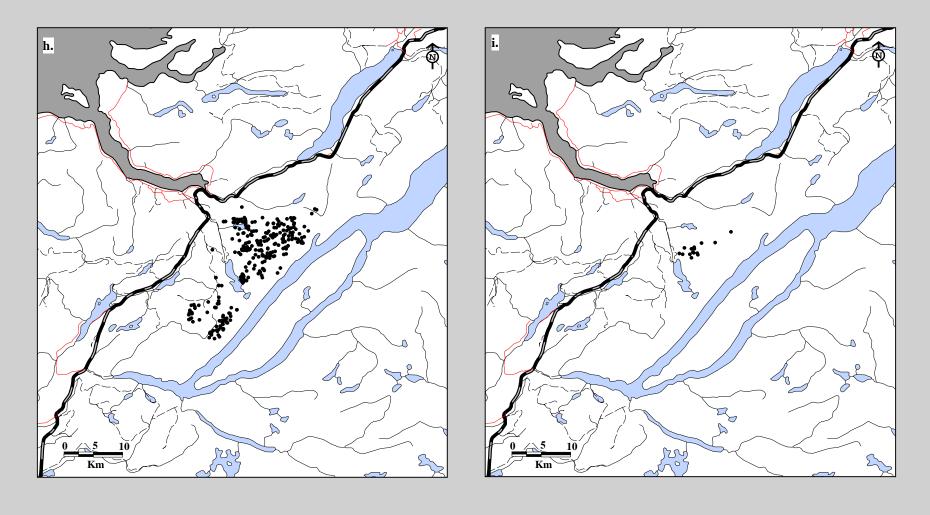




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for female h. adults (302 locations; 15 caribou; 34 flights) and i. two-year olds (15 locations; 2 caribou; 34 flights) in summer, 1994-97.

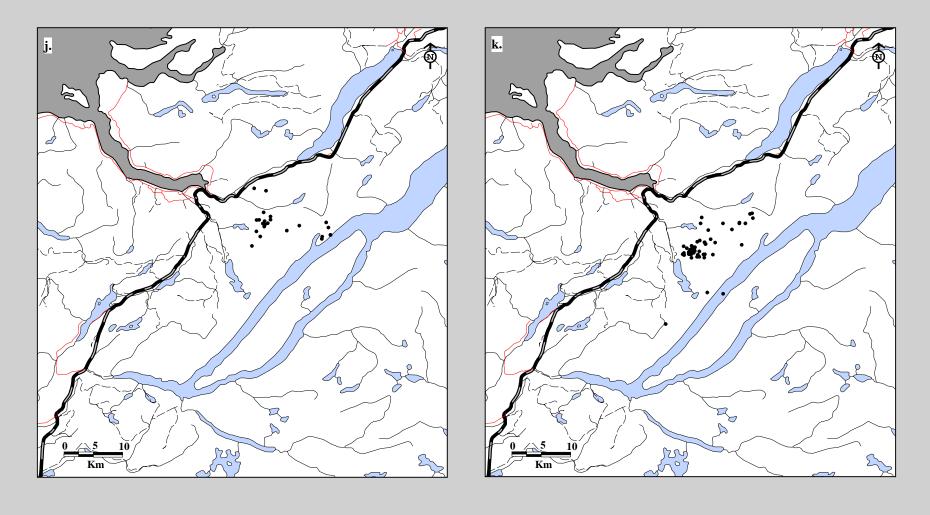




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for female j. yearlings (23 locations; 4 caribou; 34 flights) and k. calves (51 locations; 11 caribou; 34 flights) in summer, 1994-97.

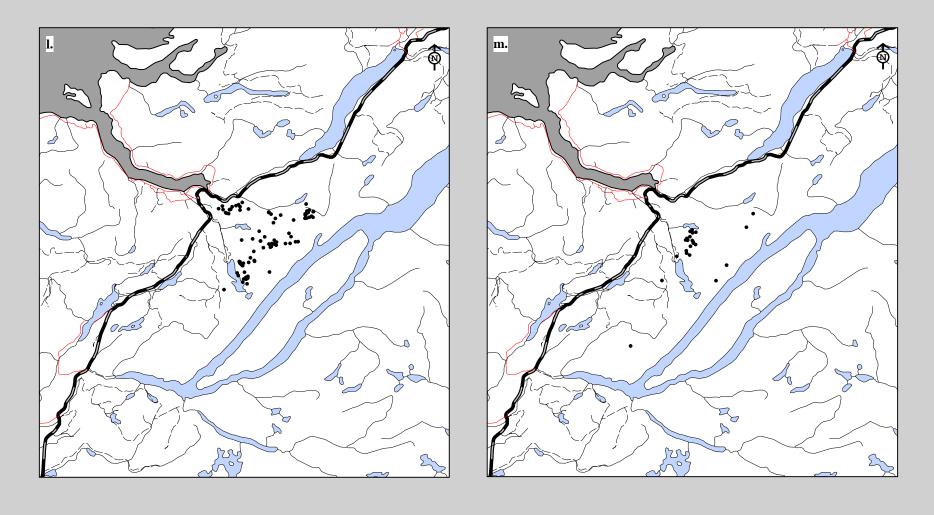




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for male 1. adults (88 locations; 5 caribou; 34 flights) and m. two-year olds (24 locations; 4 caribou; 34 flights) in summer, 1994-97.

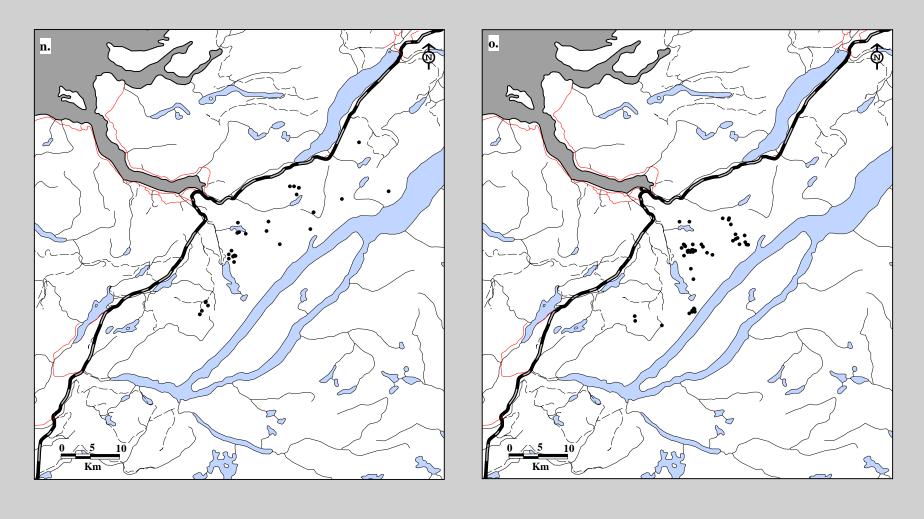




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for male n. yearlings (32 locations; 5 caribou; 34 flights) and o. calves (52 locations; 13 caribou; 34 flights) in summer, 1994-97.

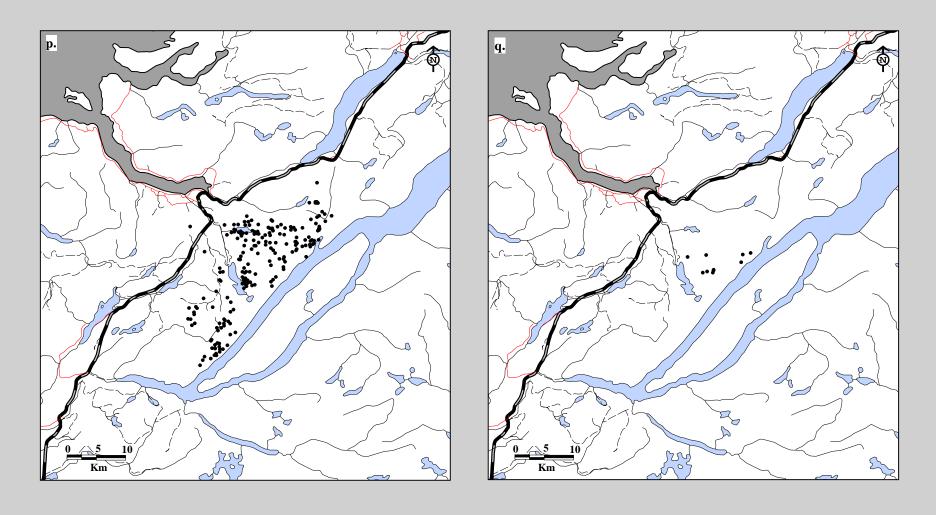




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for female p. adults (205 locations; 14 caribou; 22 flights) and q. two-year olds (10 locations; 1 caribou; 22 flights) in fall, 1994-97.

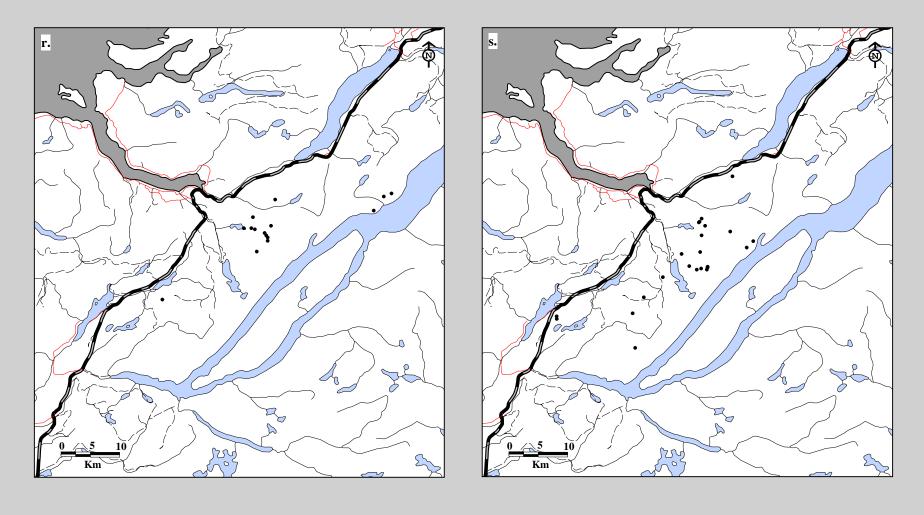




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for female r. yearlings (15 locations; 3 caribou; 22 flights) and s. calves (23 locations; 9 caribou; 22 flights) in fall, 1994-97.

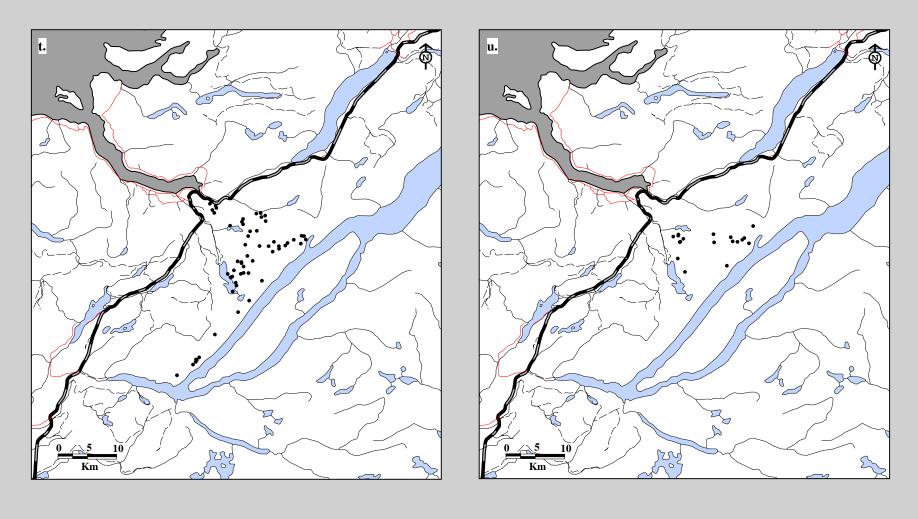




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for male t. adults (58 locations; 4 caribou; 22 flights) and u. two-year olds (18 locations; 4 caribou; 22 flights) in fall, 1994-97.

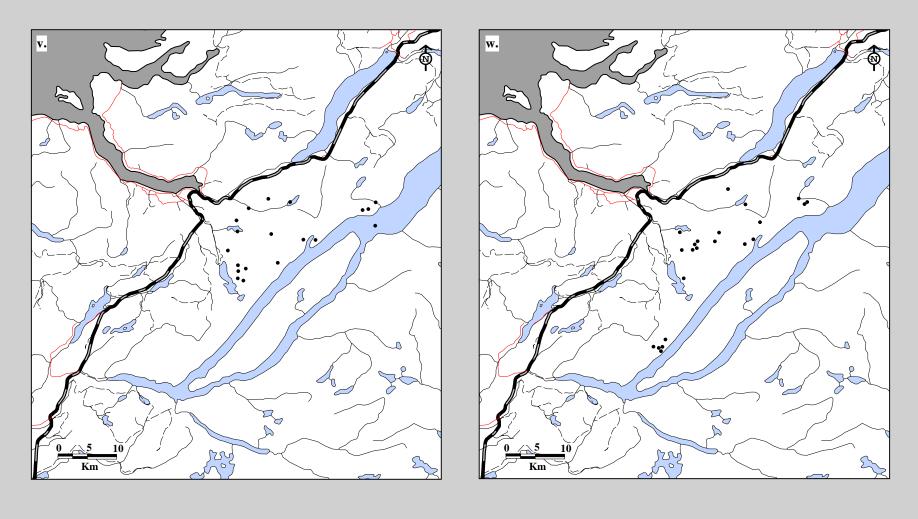




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for male v. yearlings (19 locations; 4 caribou; 22 flights) and w. calves (22 locations; 9 caribou; 22 flights) in fall, 1994-97.

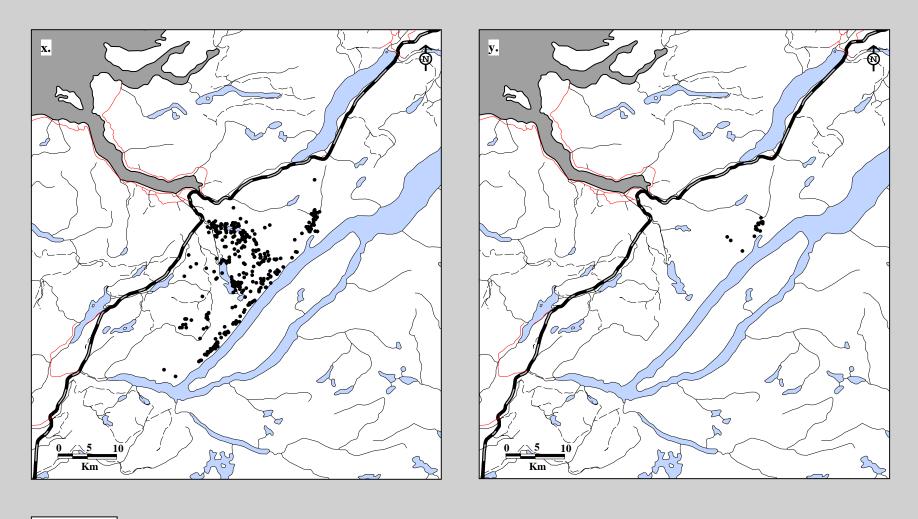




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for female x. adults (327 locations; 16 caribou; 38 flights) and y. two-year olds (16 locations; 1 caribou; 38 flights) in winter, 1994-97.

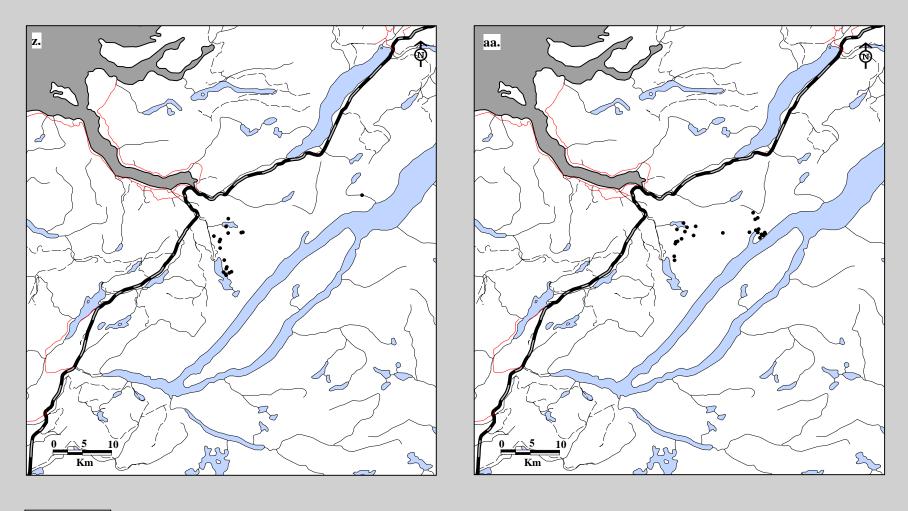




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for female z. yearlings (18 locations; 2 caribou; 38 flights) and aa. calves (28 locations; 4 caribou; 38 flights) in winter, 1994-97.

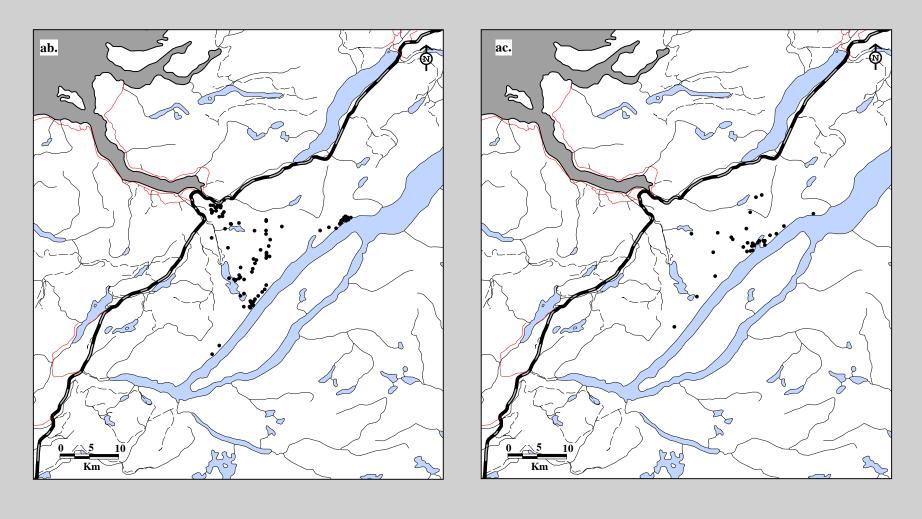




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for male ab. adults (95 locations; 5 caribou; 38 flights) and ac. two-year olds (31 locations; 3 caribou; 38 flights) in winter, 1994-98.

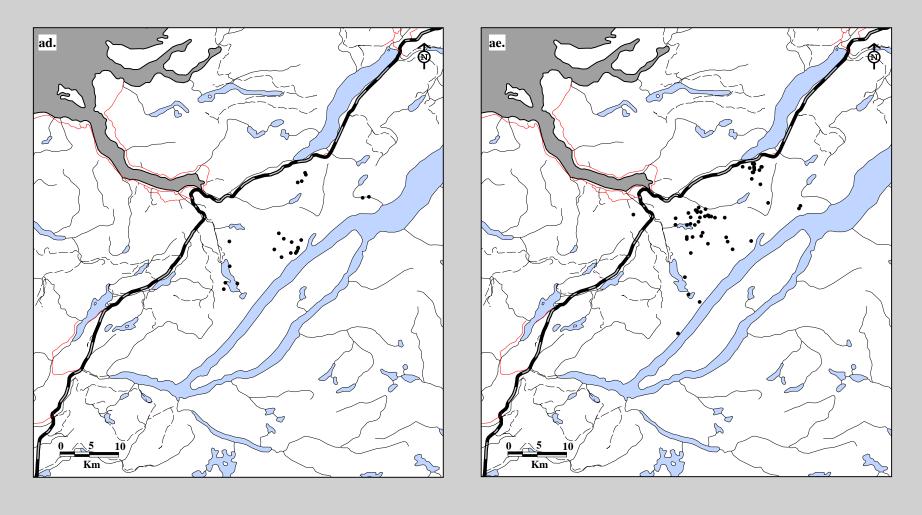




Fig. 6B-14. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for male ad. yearlings (22 locations; 4 caribou; 38 flights) and ae. calves (56 locations; 6 caribou; 38 flights) in winter, 1994-97.

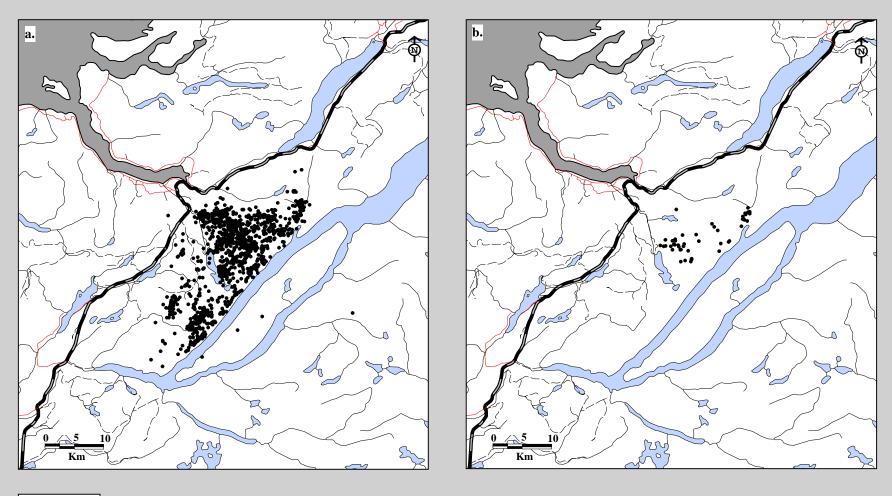




Fig. 6B-15. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. adult females (1,211 locations; 17 caribou; 148 flights) and b. two-year old females (47 locations; 2 caribou; 148 flights), 1994-97.

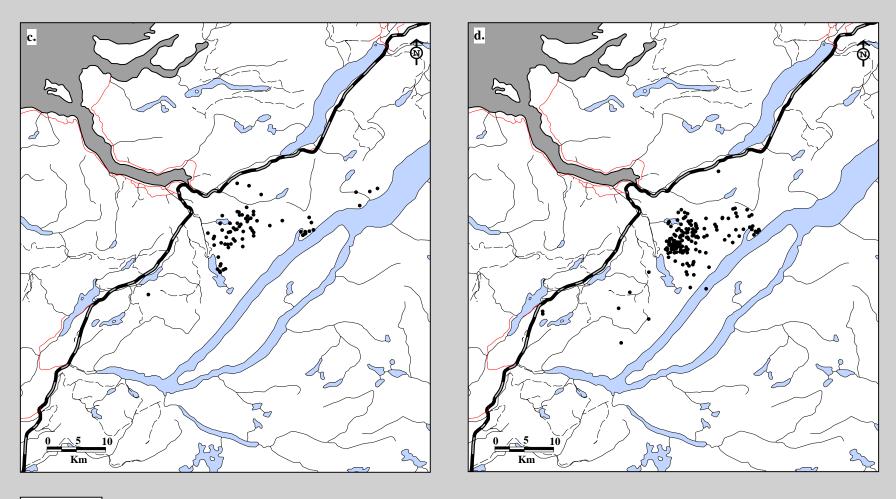




Fig. 6B-15. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. female yearlings (75 locations; 5 caribou; 148 flights) and d. female calves (170 locations; 19 caribou; 148 flights), 1994-97.

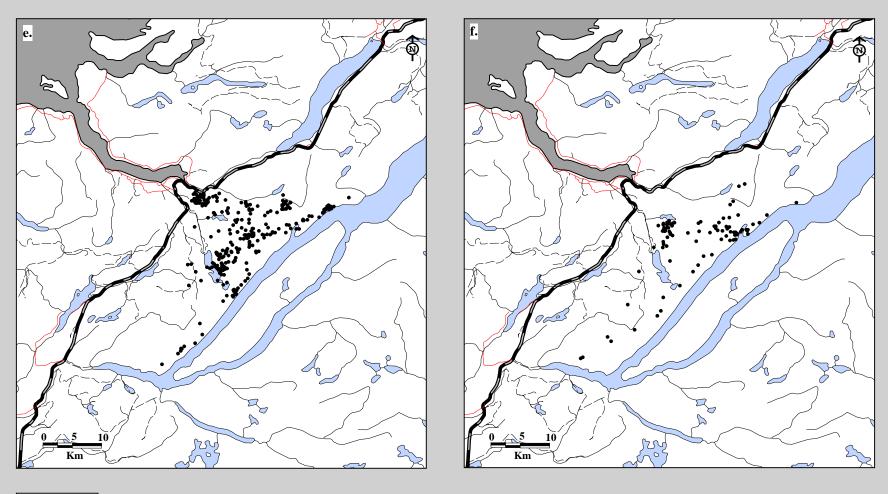




Fig. 6B-15. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for e. adult males (289 locations; 6 caribou; 148 flights) and f. two-year old males (88 locations; 5 caribou; 148 flights), 1994-97.

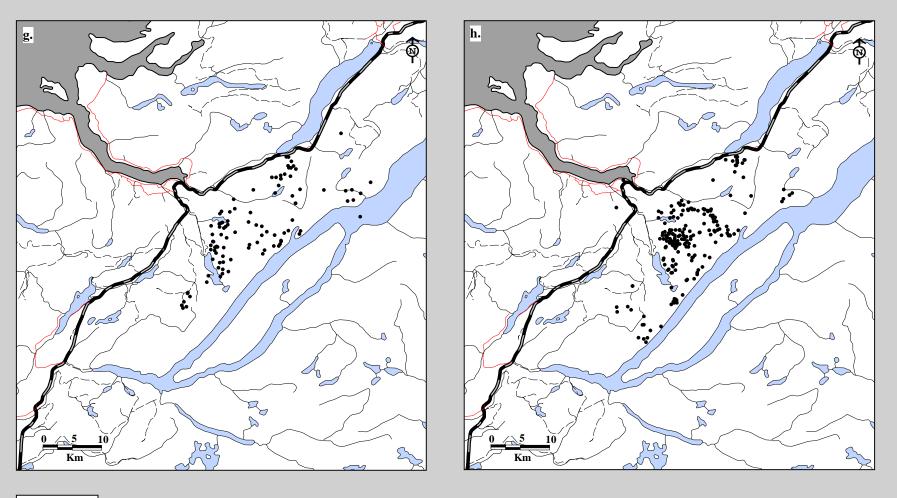




Fig. 6B-15. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for g. male yearlings (102 locations; 5 caribou; 148 flights) and h. male calves (221 locations; 25 caribou; 148 flights), 1994-97.

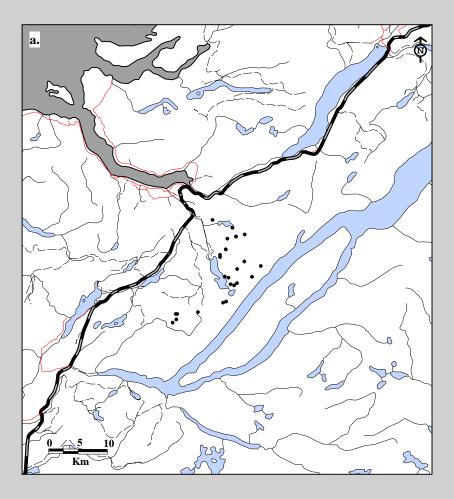




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. female adults (26 locations; 9 caribou; 4 flights) in winter, 1994.

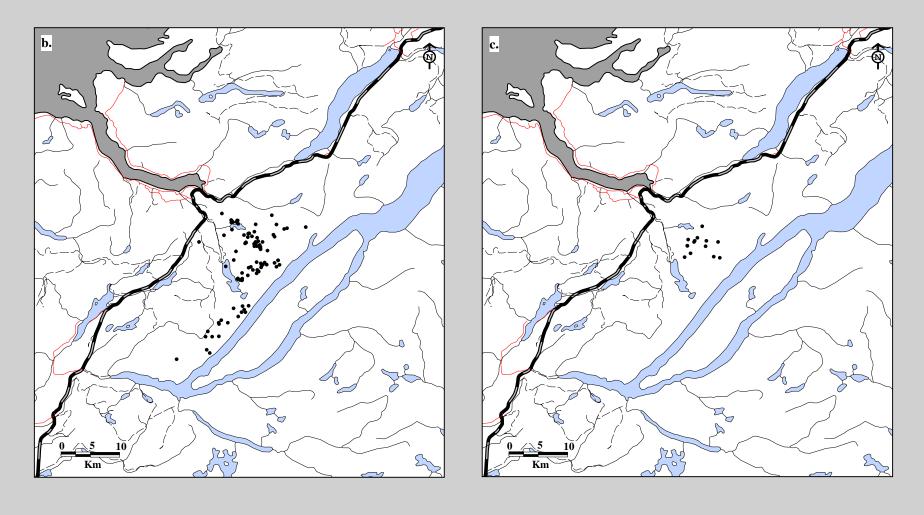




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for b. female adults (91 locations; 10 caribou; 12 flights) and c. female calves (14 locations; 4 caribou; 12 flights) in spring, 1994-95.

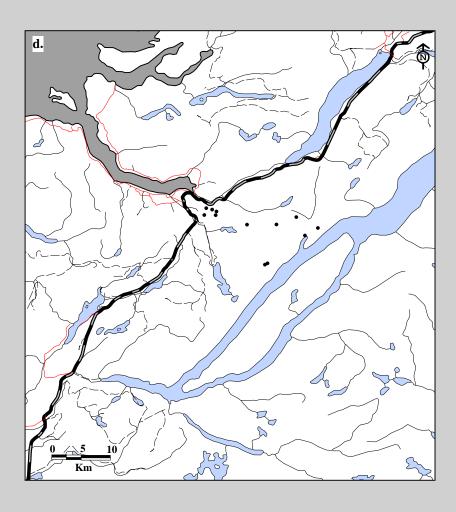




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for d. male adults (12 locations; 2 caribou; 12 flights) in spring, 1994-95.

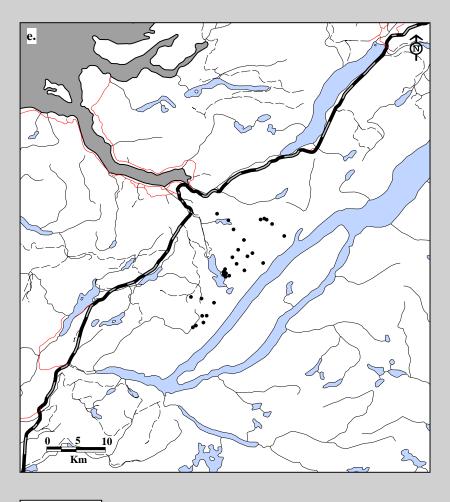




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for e. female adults (31 locations; 8 caribou; 5 flights) in summer, 1994-95.

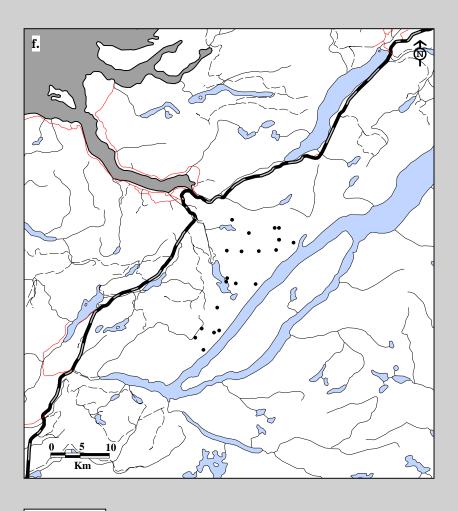




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for f. female adults (21 locations; 7 caribou; 4 flights) in fall, 1994-95.

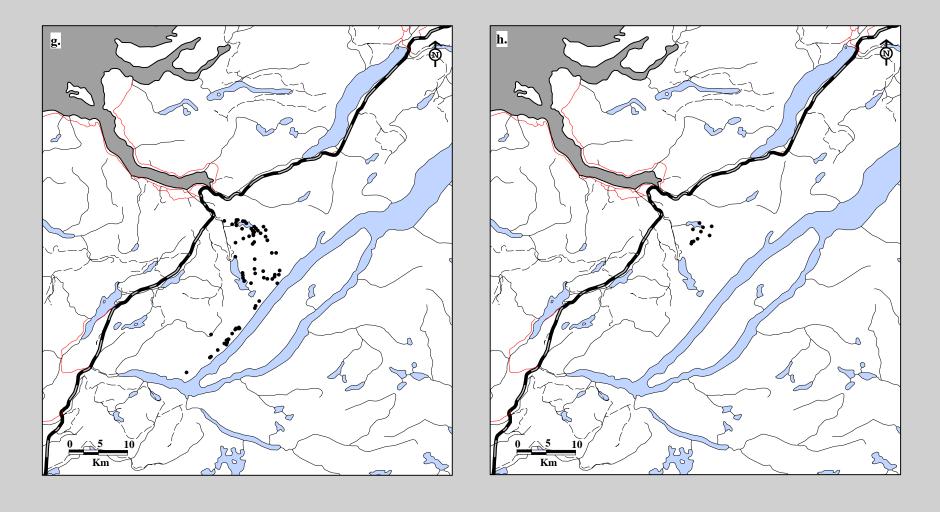




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for g. female adults (71 locations; 7 caribou; 13 flights) and h. female calves (10 locations; 1 caribou; 13 flights) in winter, 1994-95.

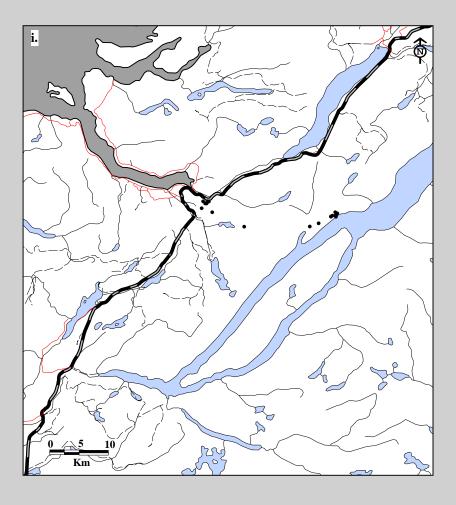




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for i. male adults (18 locations; 2 caribou; 13 flights) in winter, 1994-95.

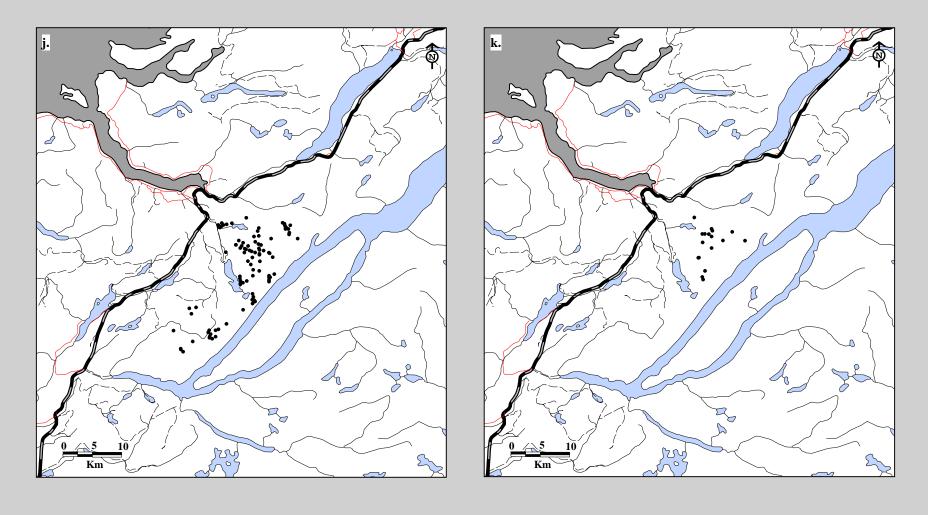




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for j. female adults (100 locations; 13 caribou; 19 flights) and k. female calves (17 locations; 3 caribou; 19 flights) in spring, 1995-96.

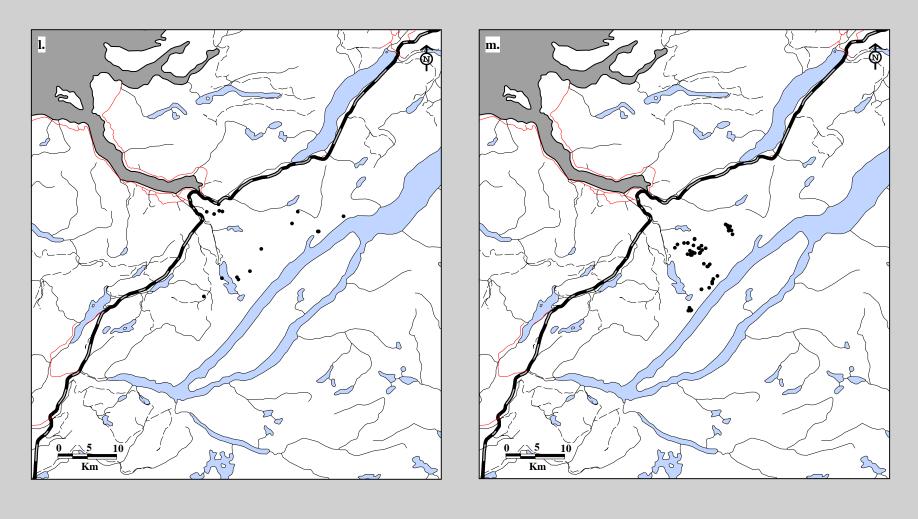




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for l. male adults (16 locations; 4 caribou; 19 flights) and m. male calves (47 locations; 8 caribou; 19 flights) in spring, 1995-96.

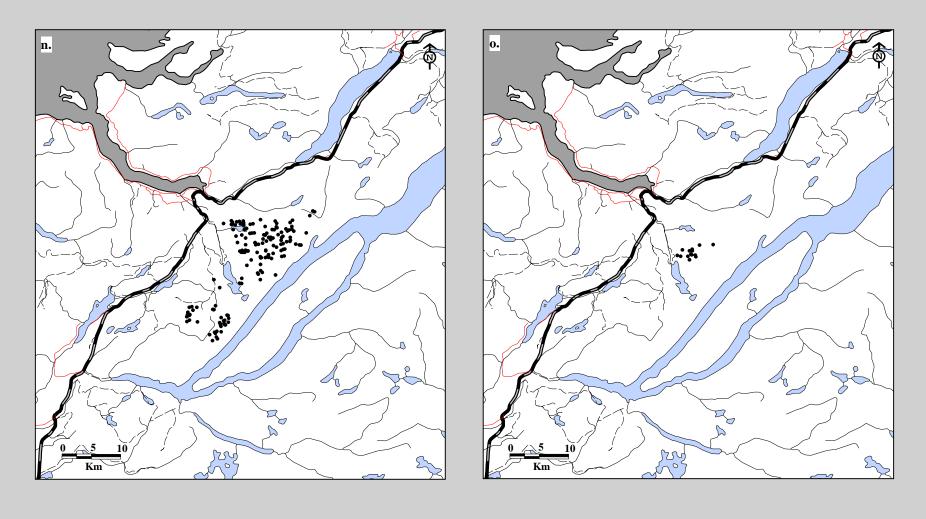




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for n. adult females (165 locations; 13 caribou; 17 flights) and o. two-year old females (14 locations; 1 caribou; 17 flights) in summer, 1995-96.

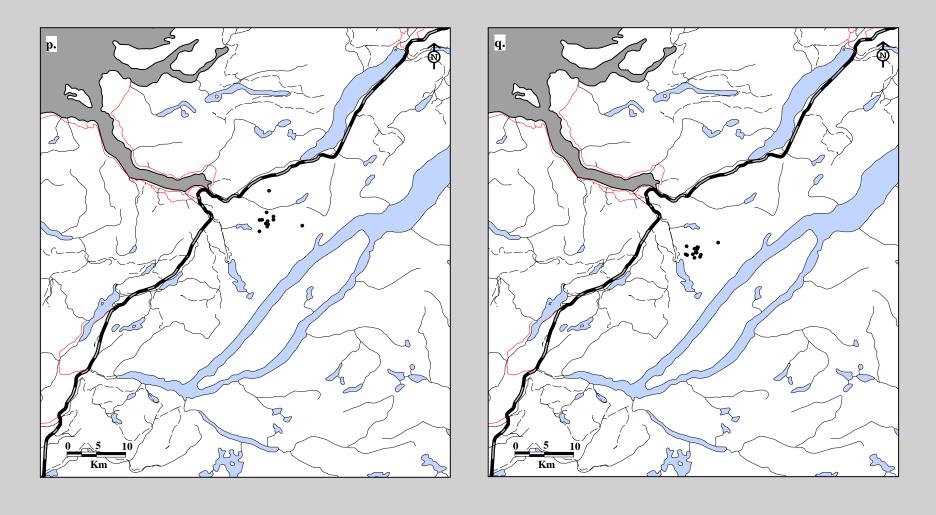




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for p. female yearlings (12 locations; 1 caribou; 17 flights) and q. female calves (14 locations; 1 caribou; 17 flights) in summer, 1995-96.

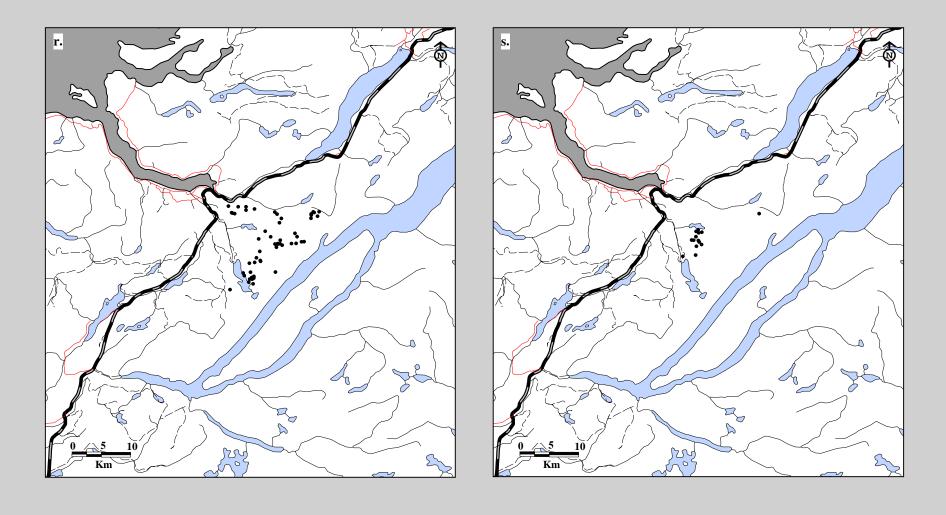




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for r. adult males (54 locations; 4 caribou; 17 flights) and s. two-year old males (14 locations; 1 caribou; 17 flights) in summer, 1995-96.

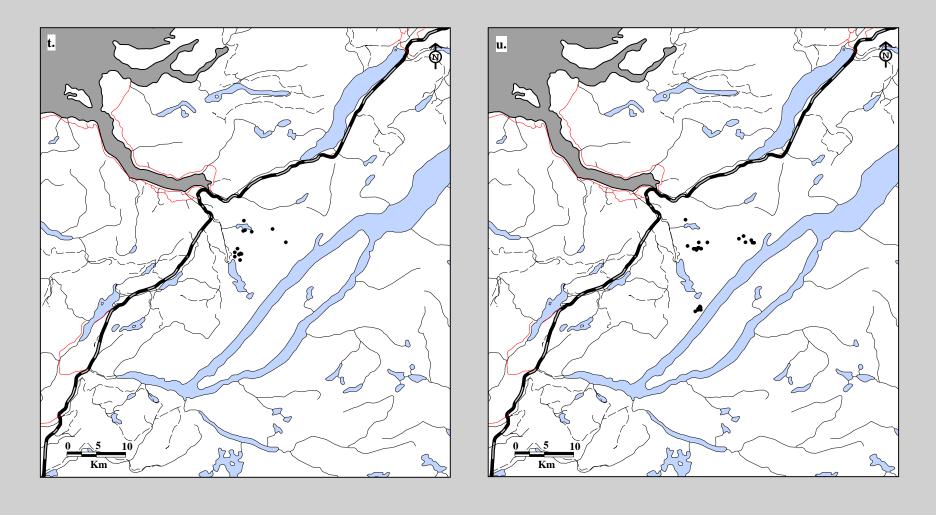




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for t. male yearlings (14 locations; 1 caribou; 17 flights) and u. male calves (27 locations; 4 caribou; 17 flights) in summer, 1995-96.

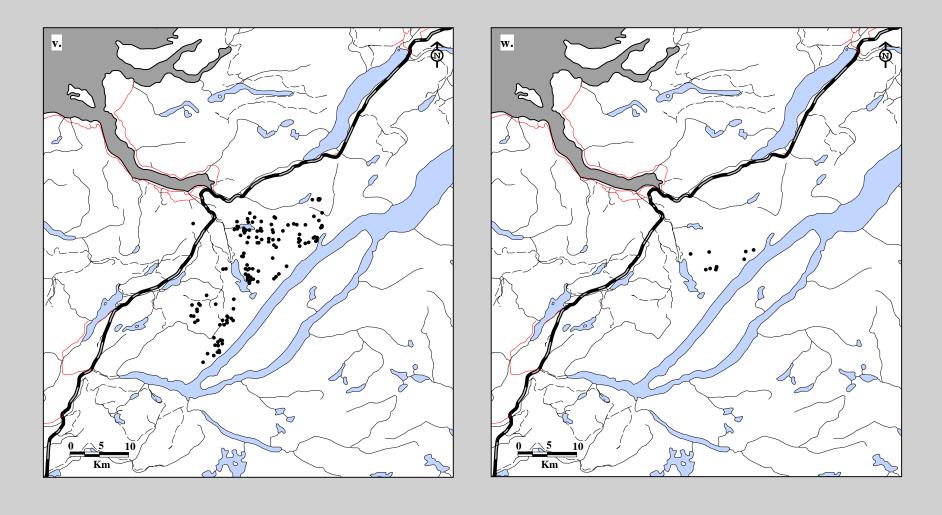




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for v. adult females (131 locations; 13 caribou; 11 flights) and w. two-year old females (10 locations; 1 caribou; 11 flights) in fall, 1995-96.

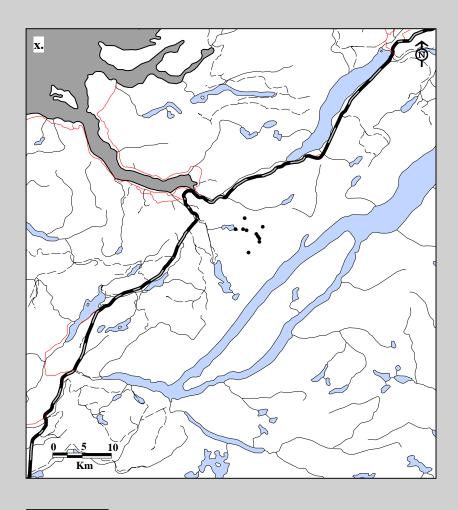




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for x. female yearlings (10 locations; 1 caribou; 11 flights) in fall, 1995-96.

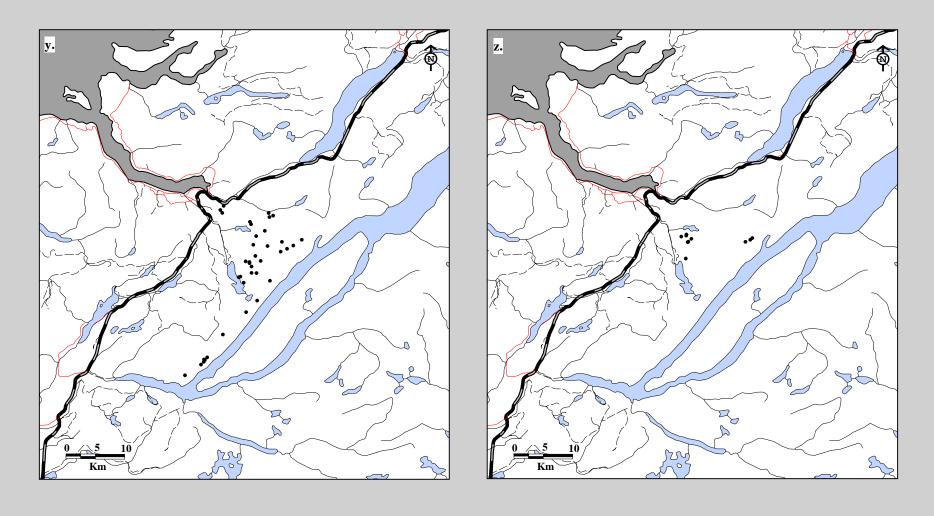




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for y. adult males (38 locations; 4 caribou; 11 flights) and z. two-year old males (10 locations; 1 caribou; 11 flights) in fall, 1995-96.

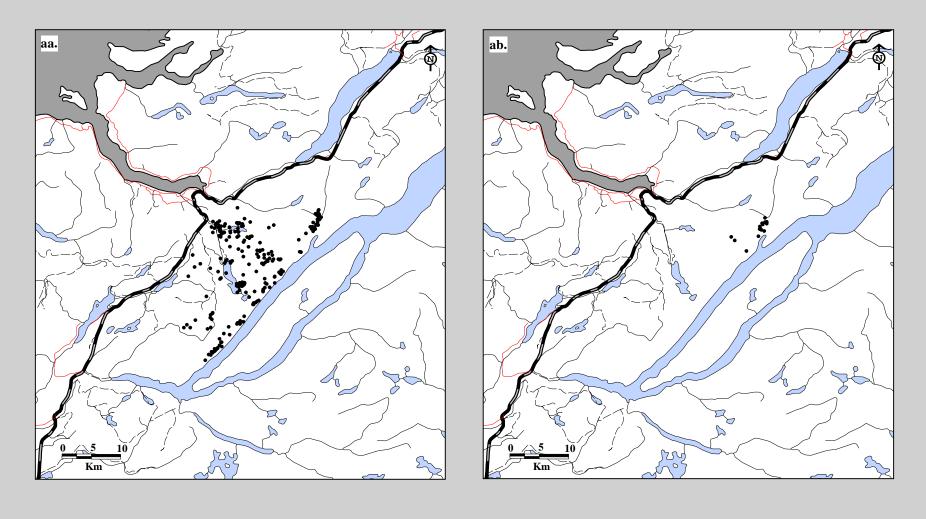




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for aa. adult females (217 locations; 13 caribou; 18 flights) and ab. two-year old females (16 locations; 1 caribou; 18 flights) in winter, 1995-96.

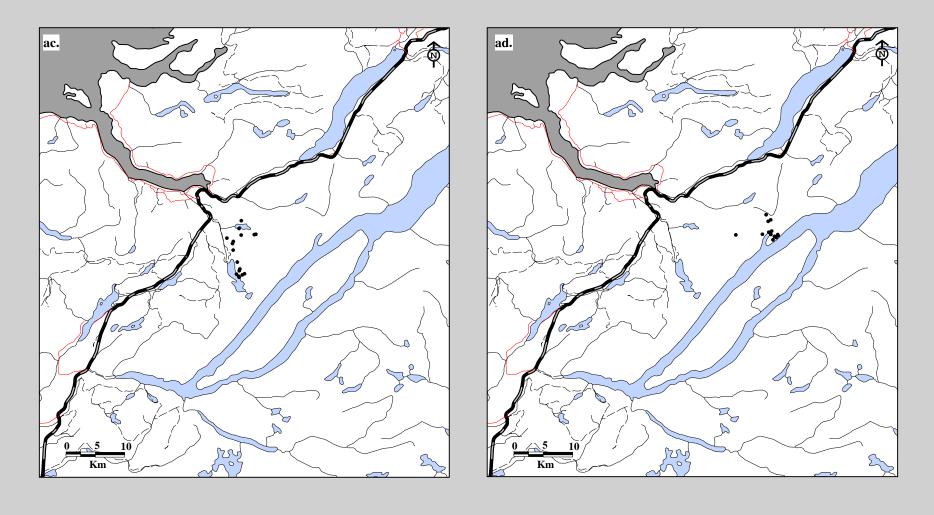




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ac. female yearlings (17 locations; 1 caribou; 18 flights) and ad. female calves (16 locations; 1 caribou; 18 flights) in winter, 1995-96.

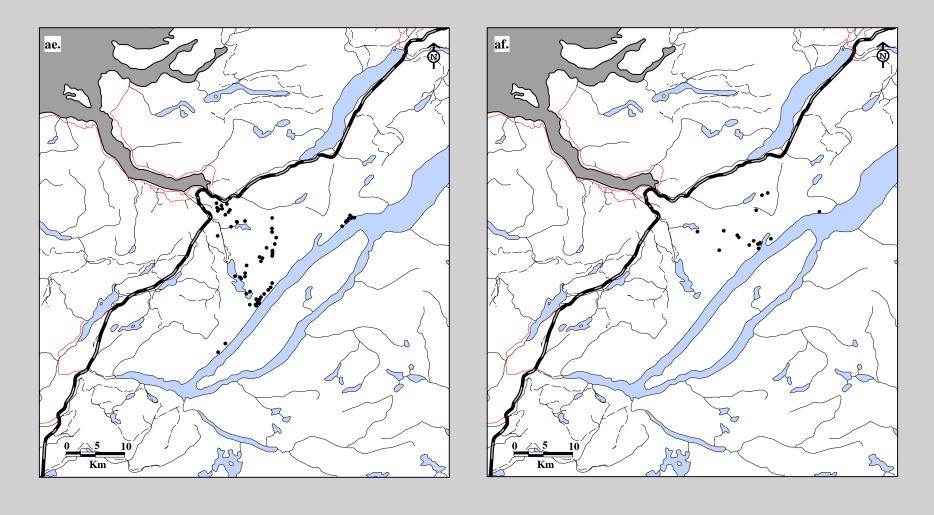




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ae. adult males (66 locations; 4 caribou; 18 flights) and af. two-year old males (16 locations; 1 caribou; 18 flights) in winter, 1995-96.

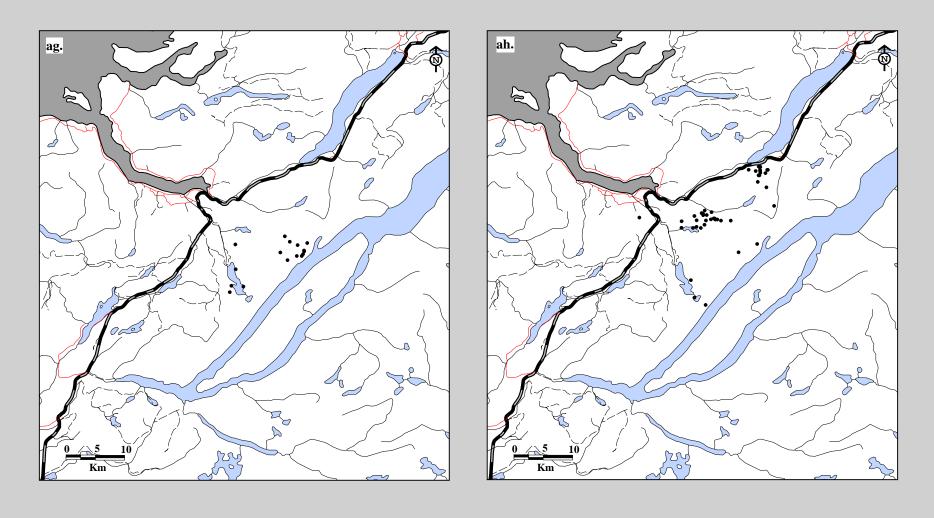




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ag. male yearlings (16 locations; 1 caribou; 18 flights) and ah. male calves (44 locations; 3 caribou; 18 flights) in winter, 1995-96.

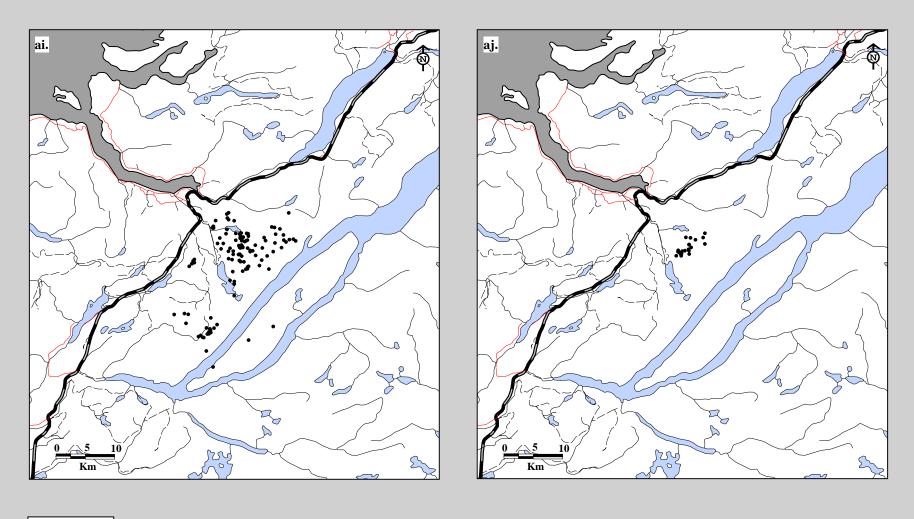




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ai. female adults (120 locations; 14 caribou; 12 flights) and aj. female calves (21 locations; 4 caribou; 12 flights) in spring, 1996-97.

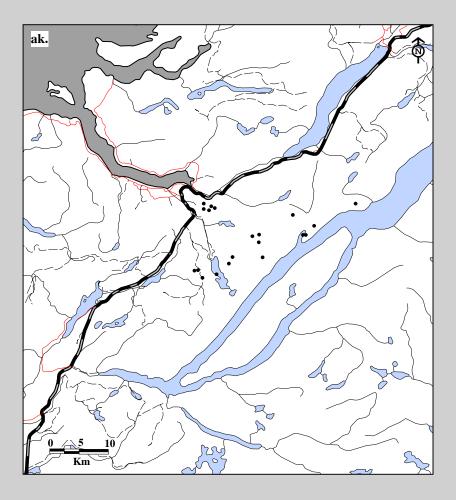




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ak. adult males (20 locations; 4 caribou; 12 flights) in spring, 1996-97.

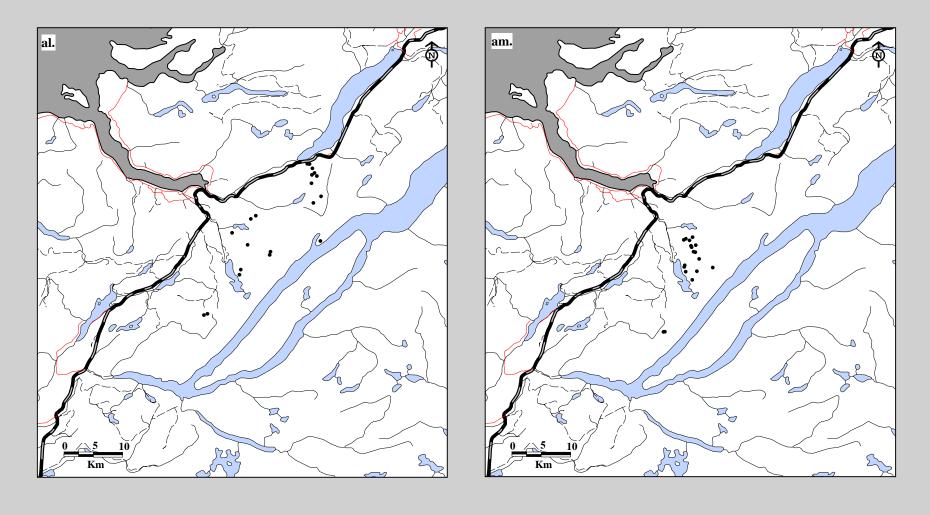




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for al. male yearlings (20 locations; 4 caribou; 12 flights) and am. male calves (18 locations; 5 caribou; 12 flights) in spring, 1996-97.

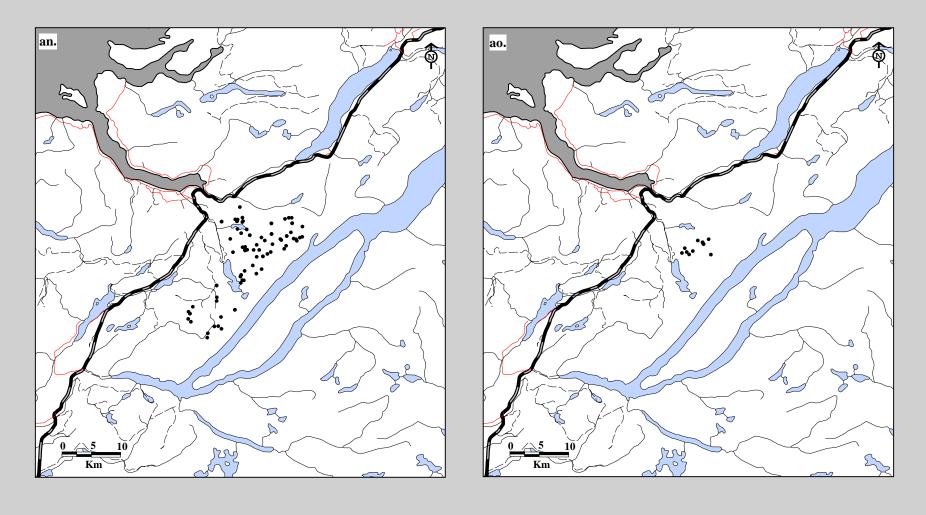




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for an. female adults (84 locations; 13 caribou; 8 flights) and ao. female calves (12 locations; 2 caribou; 8 flights) in summer, 1996-97.

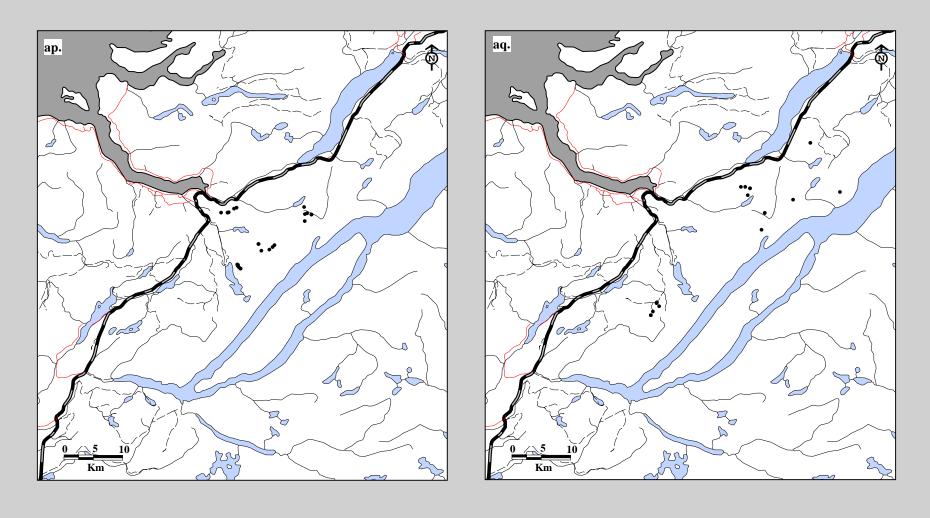




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ap. male adults (24 locations; 4 caribou; 8 flights) and aq. male yearlings (17 locations; 3 caribou; 8 flights) in summer, 1996-97.

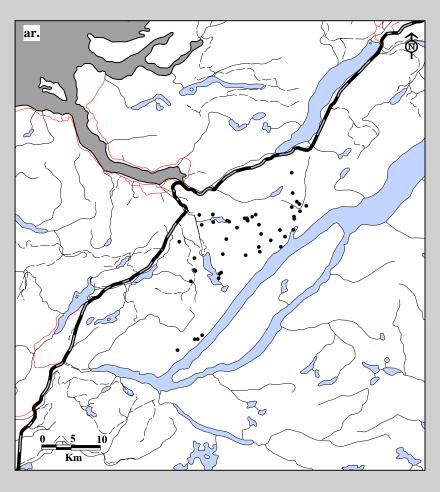




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ar. adult females (47 locations; 13 caribou; 6 flights) in fall, 1996-97.

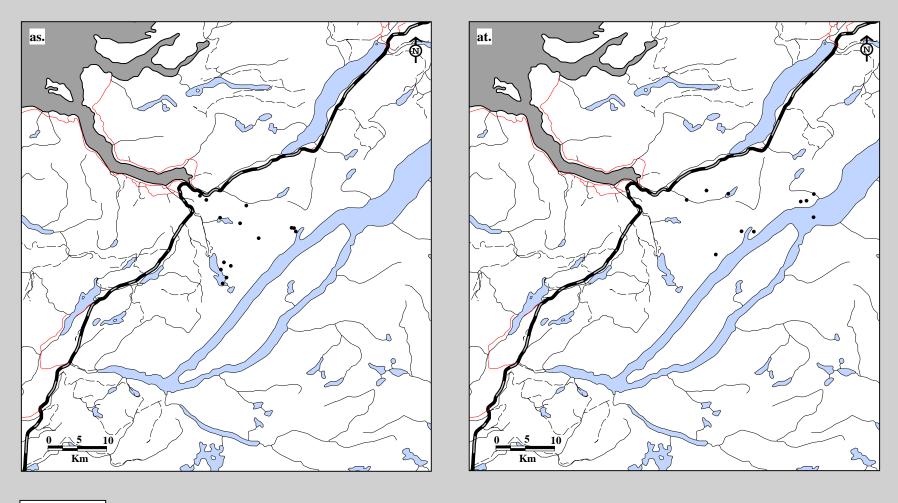




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for as. male adults (14 locations; 4 caribou; 6 flights) and at. male yearlings (10 locations; 3 caribou; 6 flights) in fall, 1996-97.

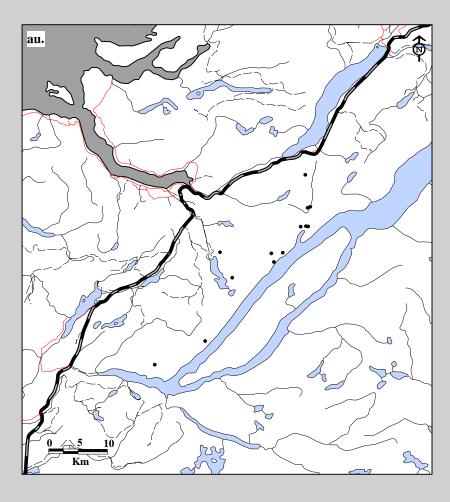




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for au. adult females (18 locations; 9 caribou; 3 flights) in winter, 1996-97.

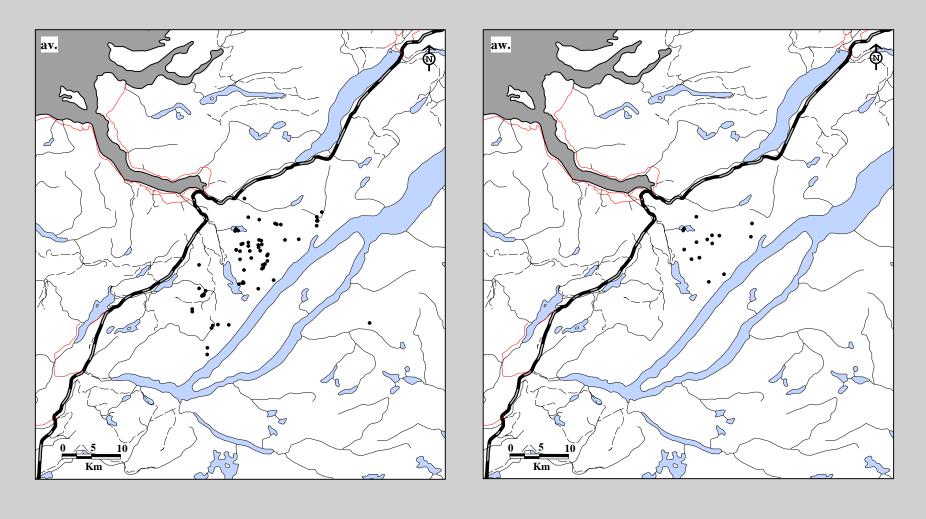




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for av. female adults (66 locations; 11 caribou; 11 flights) and aw. female calves (16 locations; 7 caribou; 11 flights) in spring, 1997-98.

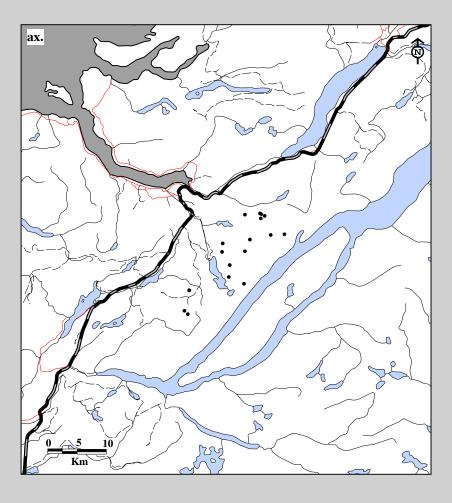




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ax. males calves (18 locations; 8 caribou; 11 flights) in spring, 1997-98.

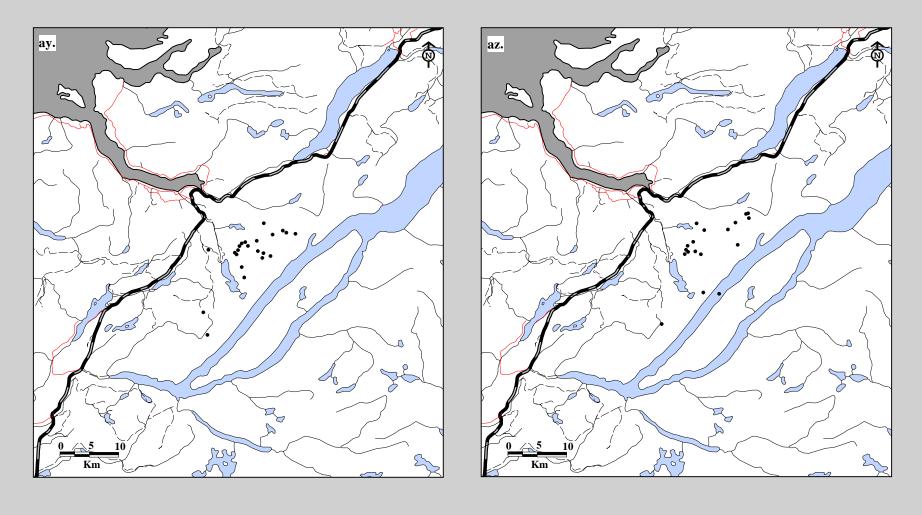




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ay. female adults (22 locations; 10 caribou; 4 flights) and az. female calves (19 locations; 6 caribou; 4 flights) in summer, 1997-98.

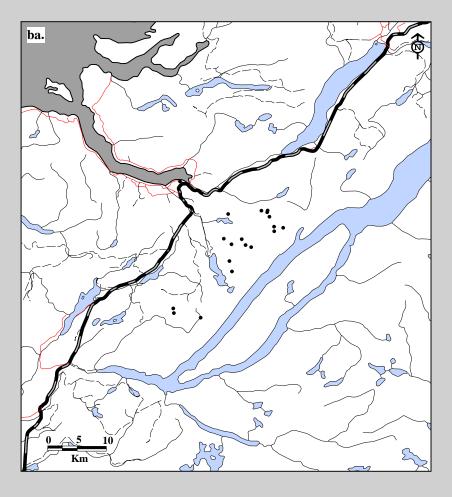




Fig. 6B-16. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for ba. males calves (19 locations; 7 caribou; 4 flights) in summer, 1997-98.

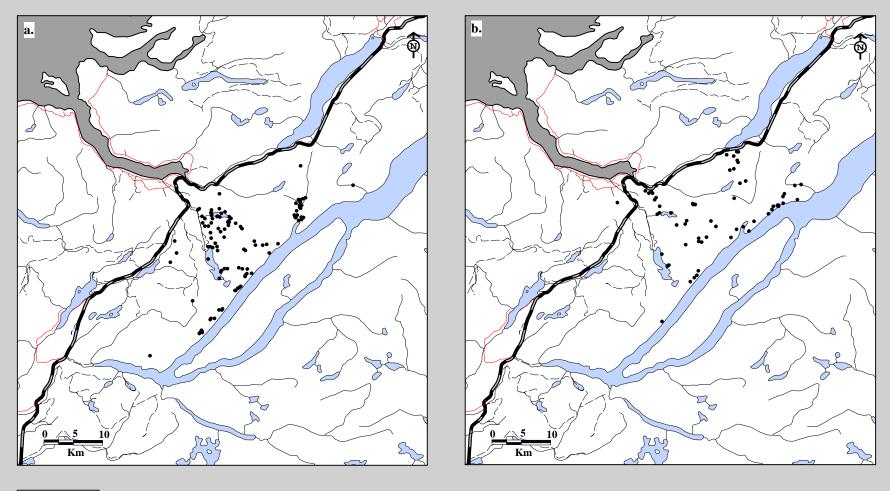




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for a. females (107 locations; 18 caribou; 11 flights) and b. males (63 locations; 12 caribou; 11 flights) in January, 1994-97.

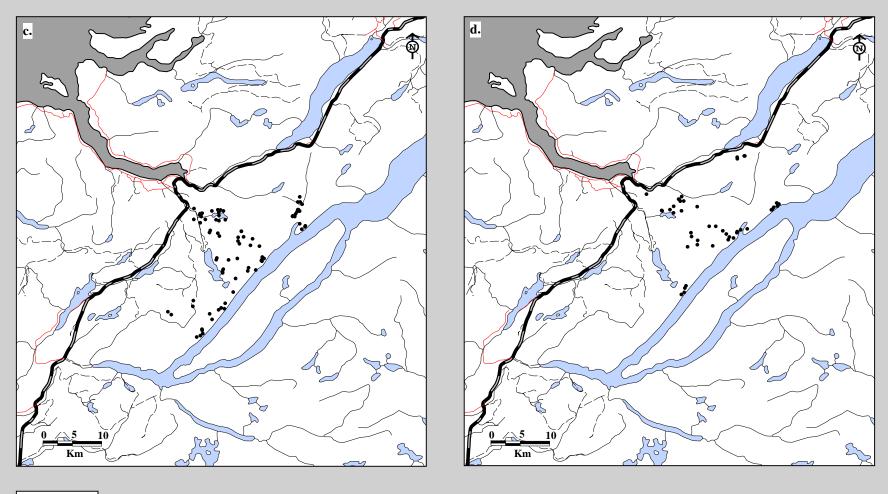




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for c. females (78 locations; 16 caribou; 8 flights) and d. males (44 locations; 10 caribou; 8 flights) in February, 1994-97.

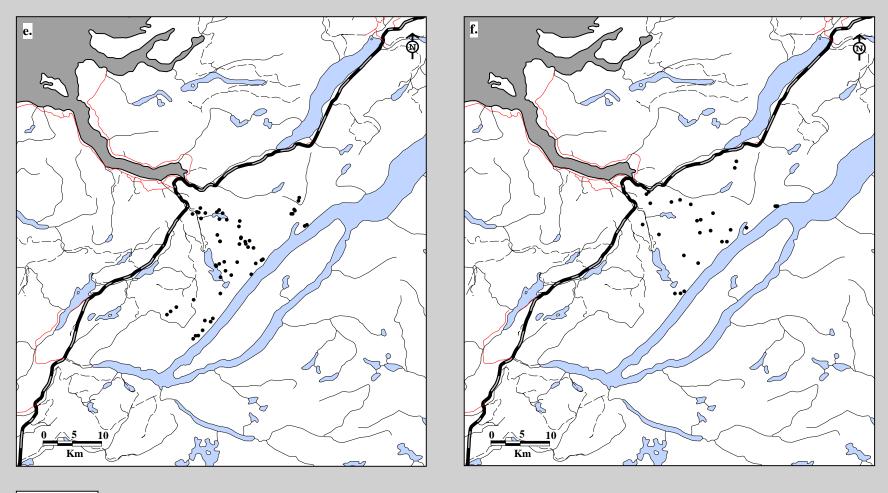




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for e. females (56 locations; 18 caribou; 6 flights) and f. males (27 locations; 11 caribou; 6 flights) in March, 1994-97.

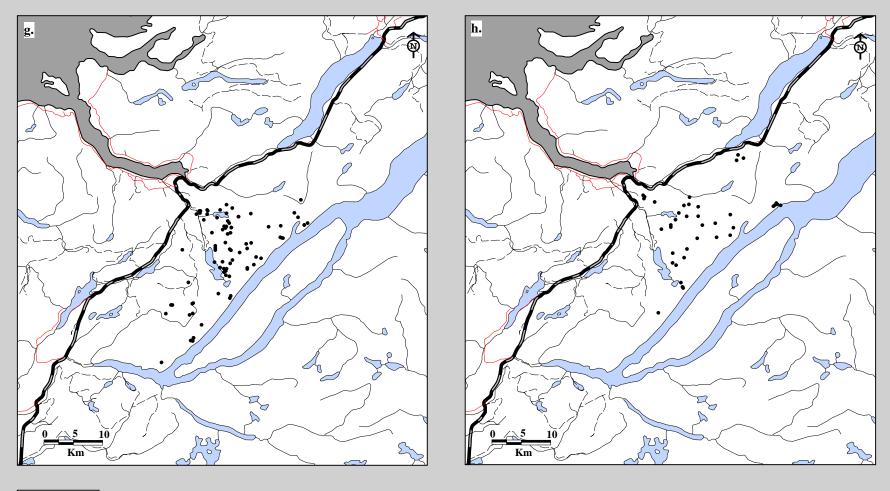




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for g. females (82 locations; 18 caribou; 7 flights) and h. males (39 locations; 10 caribou; 7 flights) in April, 1994-97.

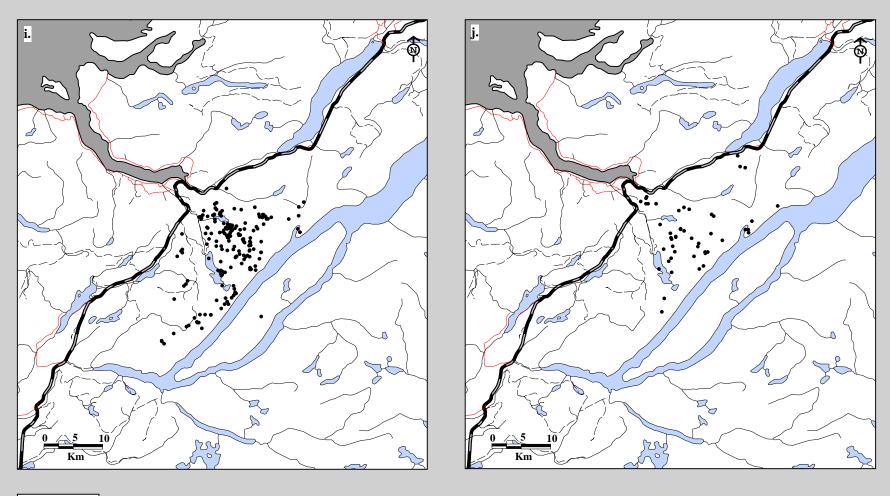




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for i. females (187 locations; 27 caribou; 21 flights) and j. males (48 locations; 16 caribou; 21 flights) in May, 1994-97.

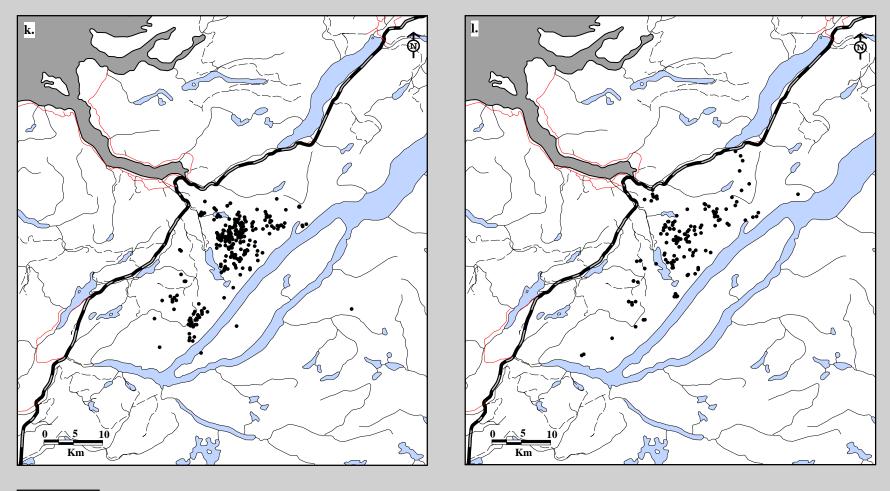




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for k. females (283 locations; 34 caribou; 33 flights) and l. males (135 locations; 31 caribou; 33 flights) in June, 1994-97.

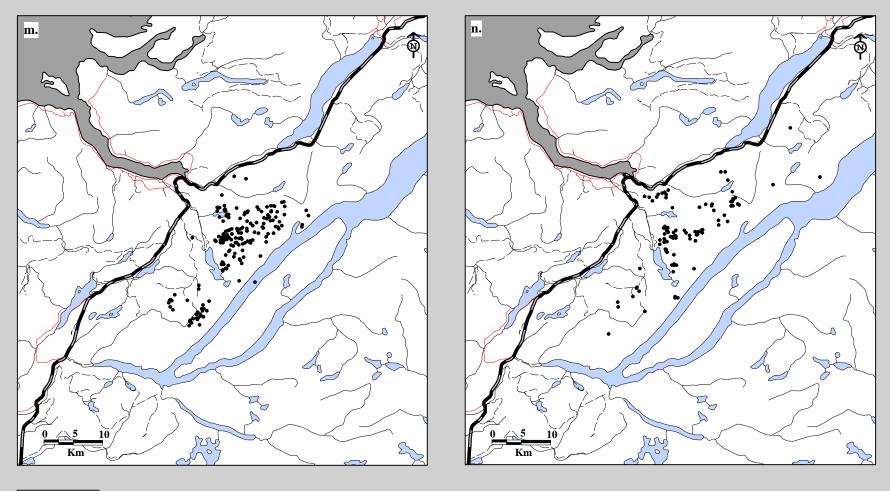




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for m. females (188 locations; 27 caribou; 16 flights) and n. males (99 locations; 22 caribou; 16 flights) in July, 1994-97.

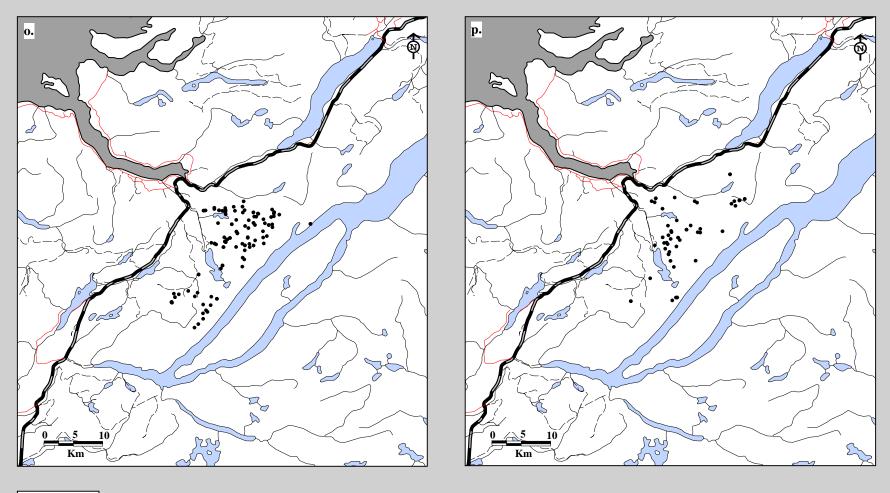




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for o. females (114 locations; 20 caribou; 8 flights) and p. males (54 locations; 10 caribou; 8 flights) in August, 1994-97.

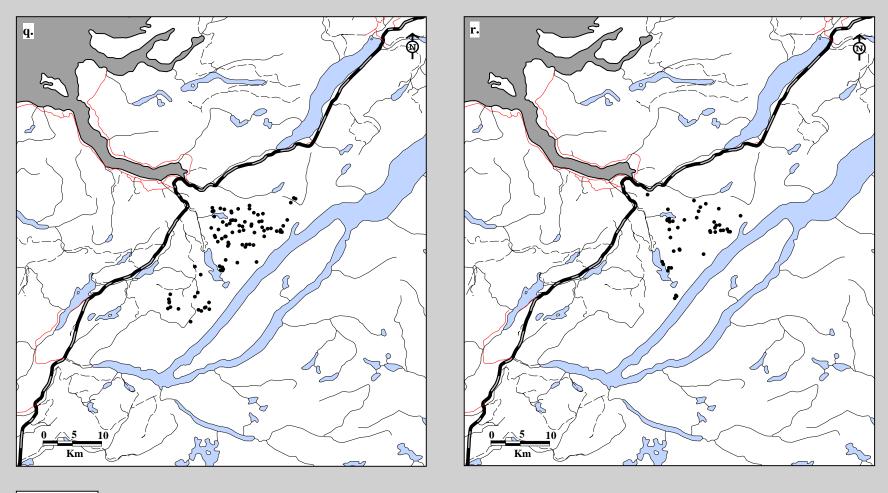




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for q. females (89 locations; 18 caribou; 10 flights) and r. males (43 locations; 9 caribou; 10 flights) in September, 1994-97.

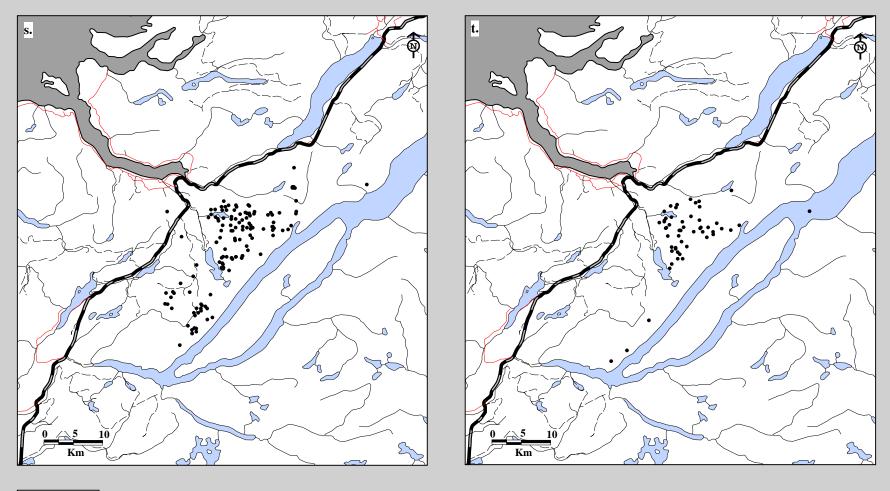




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for s. females (137 locations; 17 caribou; 13 flights) and t. males (53 locations; 10 caribou; 13 flights) in October, 1994-97.

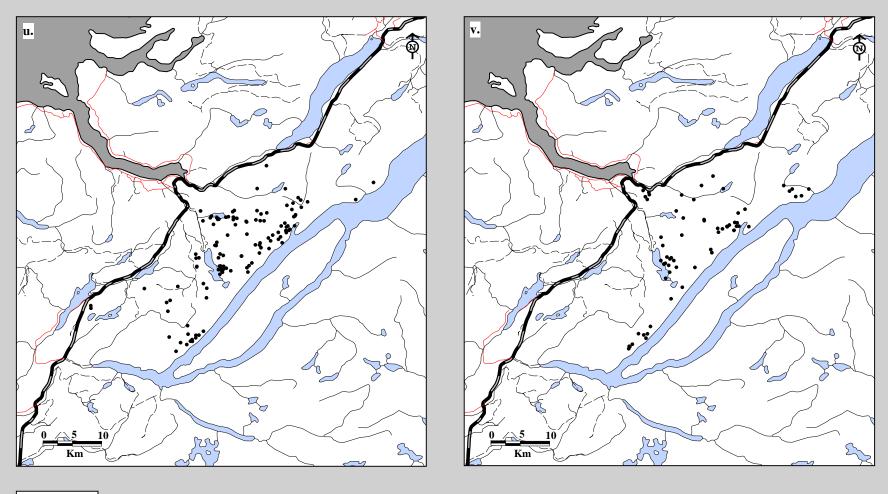




Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for u. females (116 locations; 22 caribou; 9 flights) and v. males (64 locations; 15 caribou; 9 flights) in November, 1994-97.

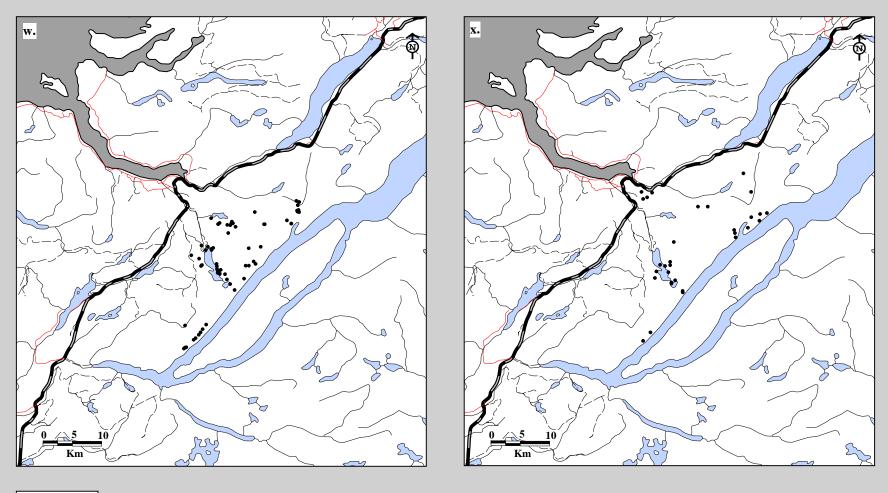
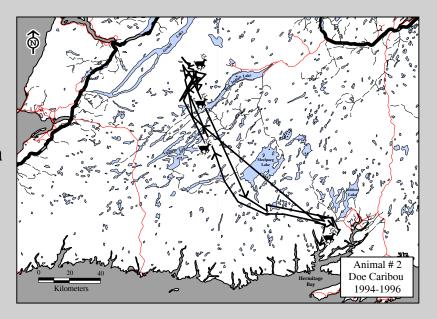


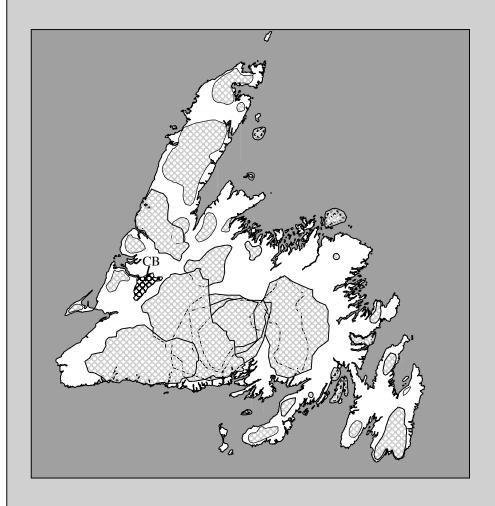


Fig. 6B-17. Corner Brook Lakes Caribou Herd radio telemetry locations. Data for w. females (66 locations; 16 caribou; 6 flights) and x. males (31 locations; 10 caribou; 6 flights) in December, 1994-97.

## **Section 6C:**

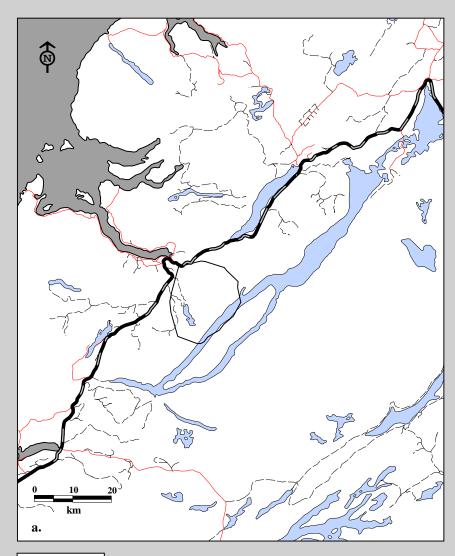
Home Ranges by Herd Composition and Time. Minimum Convex Polygon and Harmonic Mean.





## Caribou Herd

**Corner Brook Lakes (CB)** 



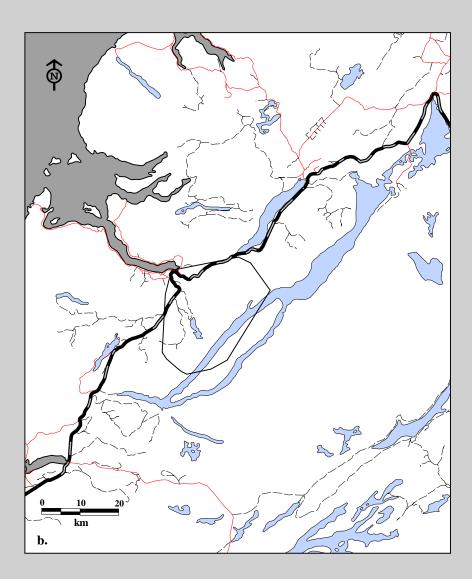
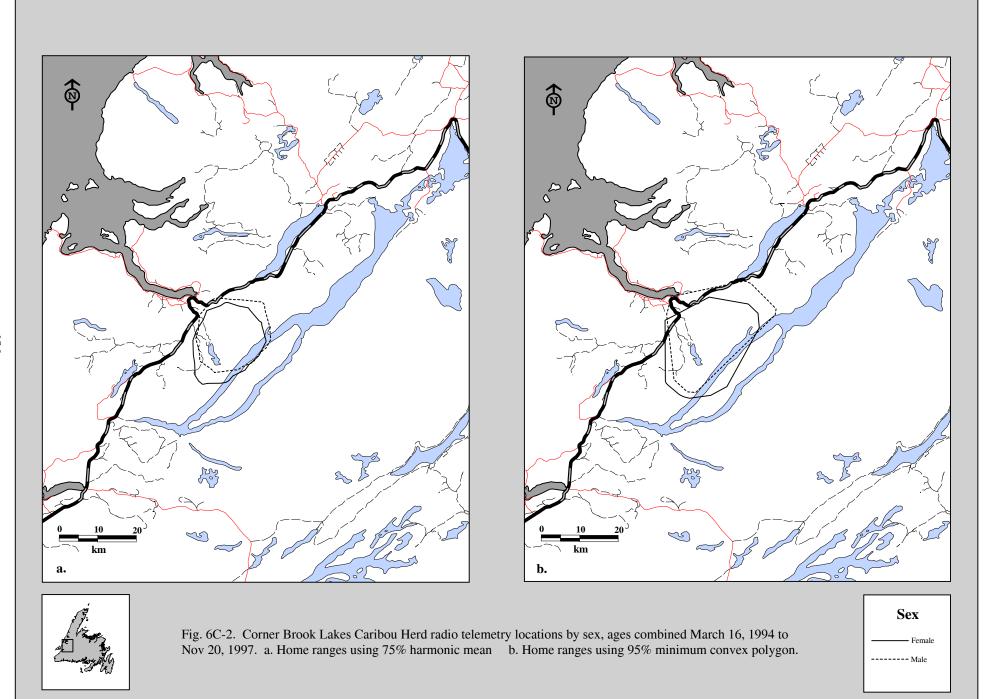
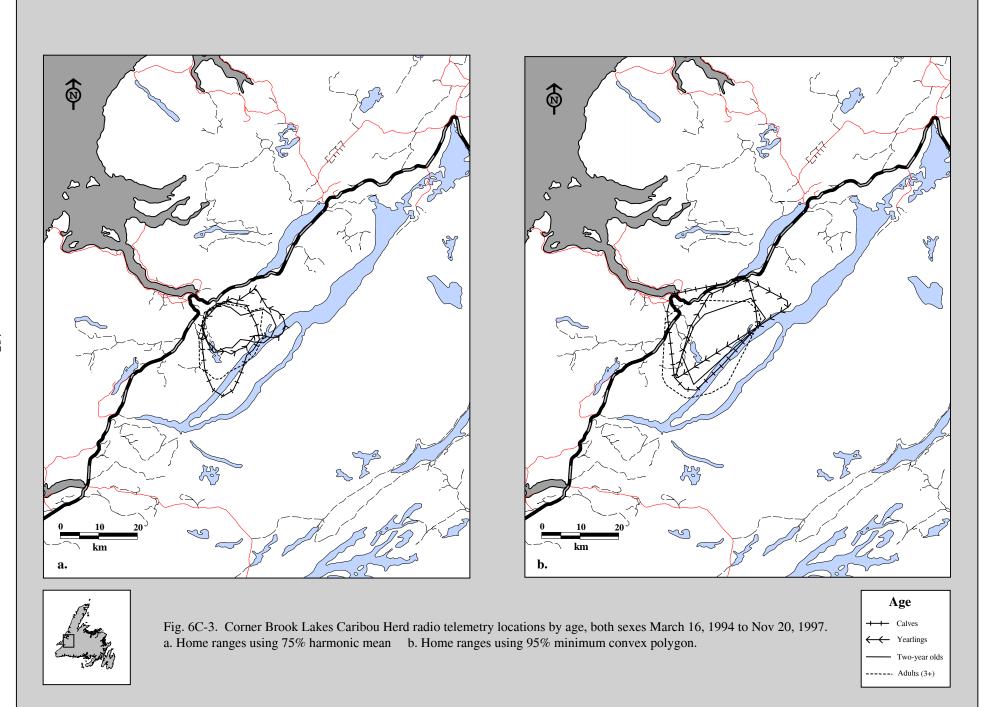




Fig. 6C-1. Corner Brook Lakes Caribou Herd radio telemetry locations for all cohorts March 16, 1994 to Nov 20, 1997. a. Home ranges using 75% harmonic mean b. Home ranges using 95% minimum convex polygon.





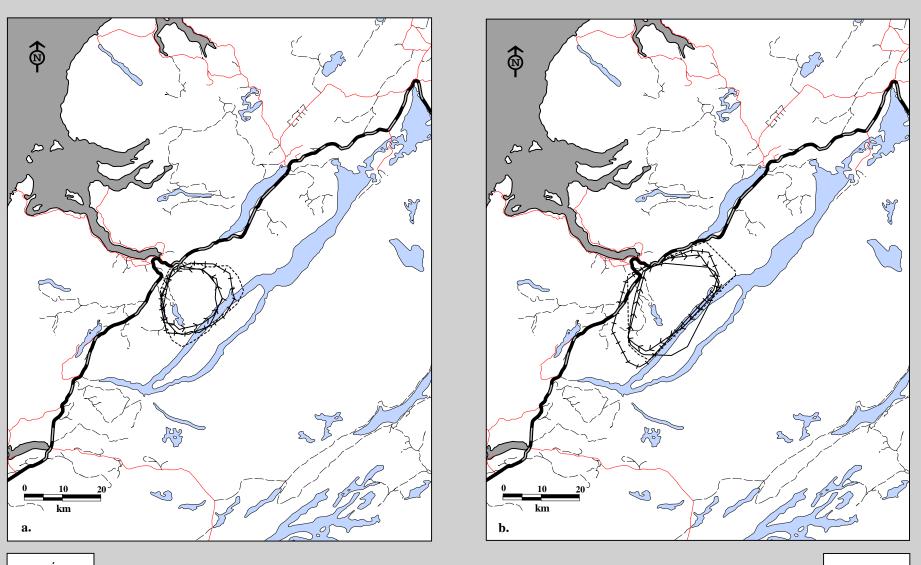
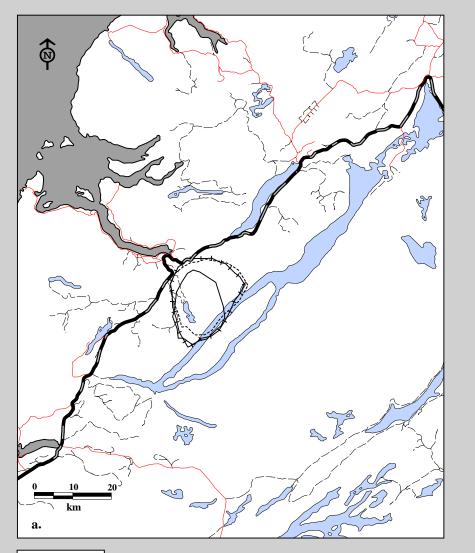


Fig. 6C-4. Corner Brook Lakes Caribou Herd radio telemetry locations for all cohorts March 16, 1994 to Nov 20, 1997. a. Seasonal home ranges using 75% harmonic mean b. Seasonal home ranges using 95% minimum convex polygon.





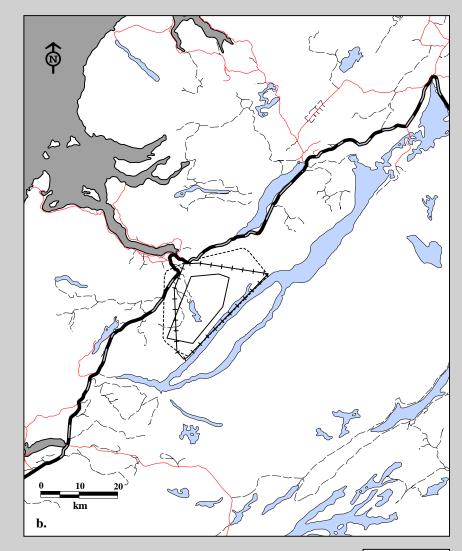
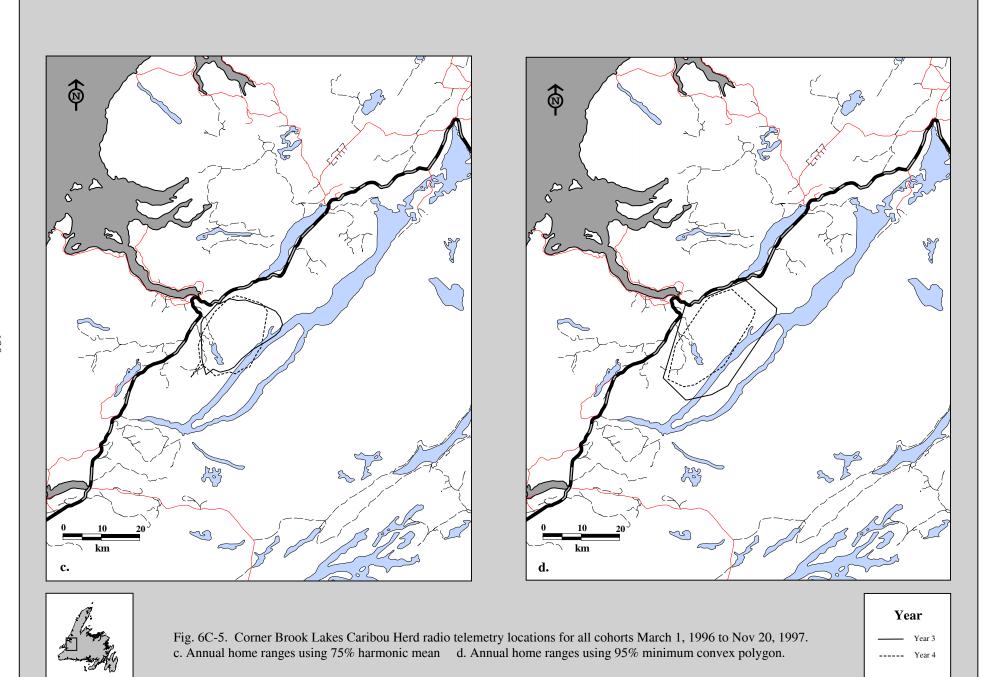
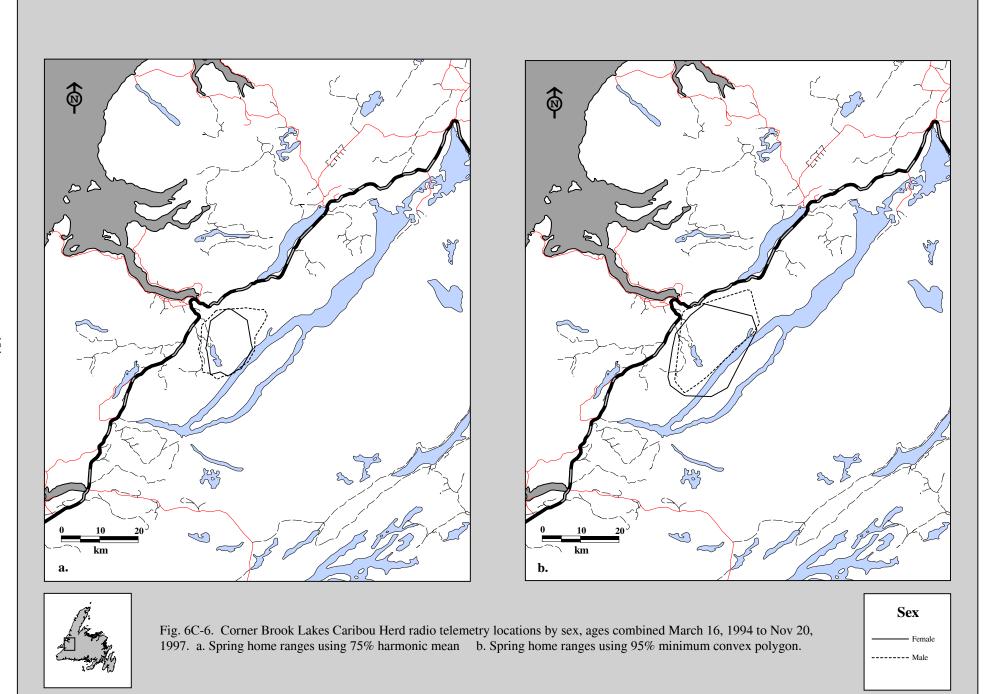


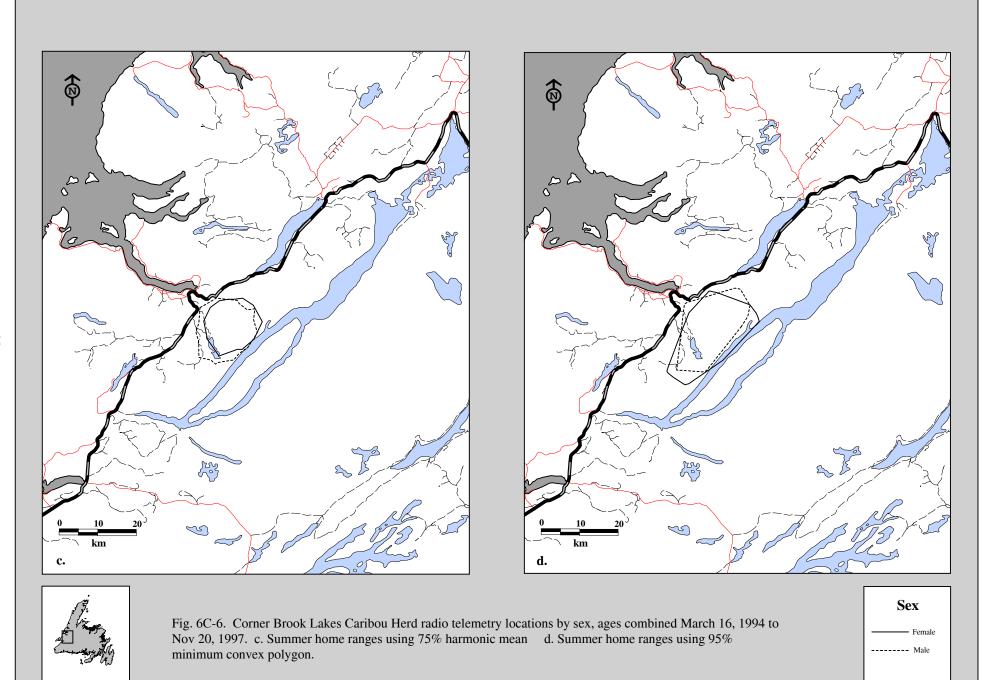


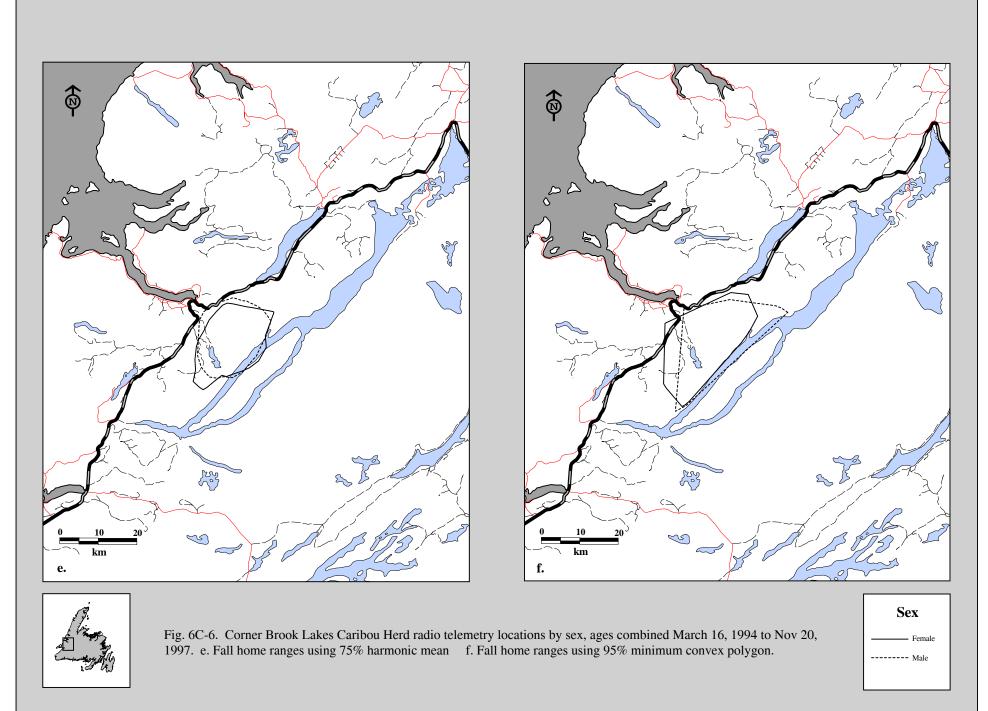
Fig. 6C-5. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes March 16, 1994 to April 30, 1996. a. Home ranges using 75% harmonic mean b. Home ranges using 95% minimum convex polygon.

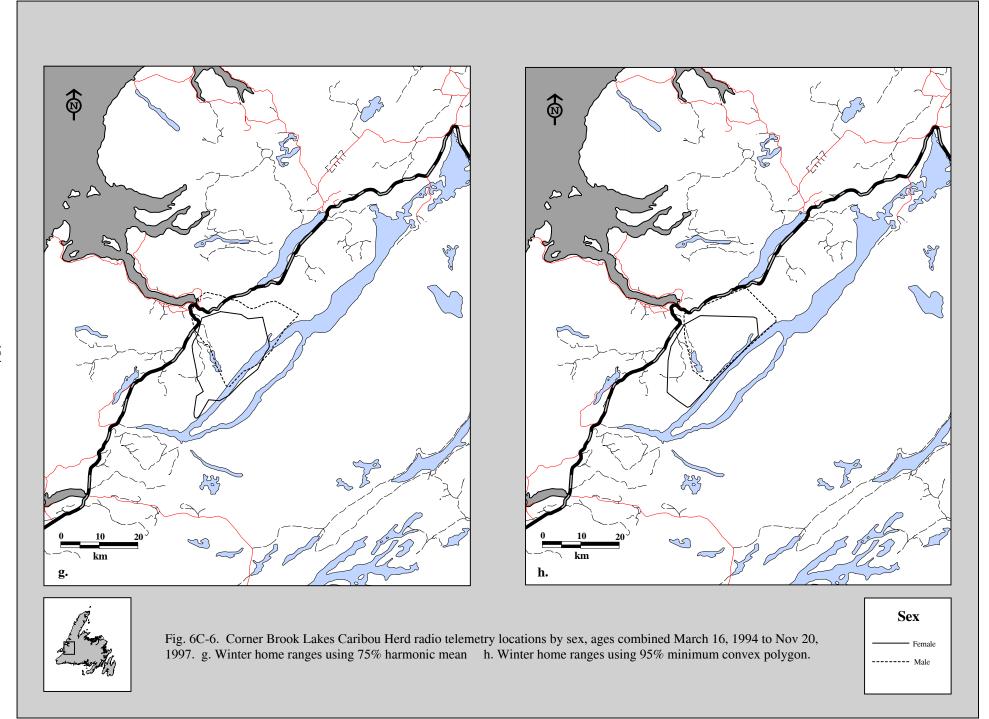


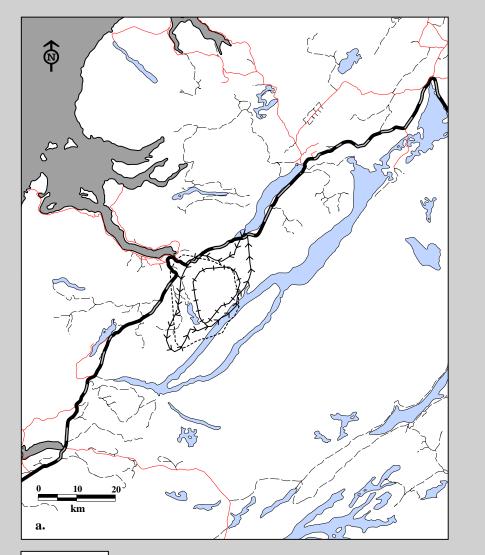












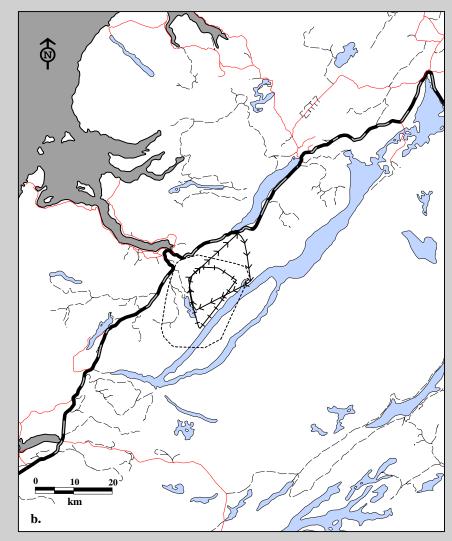




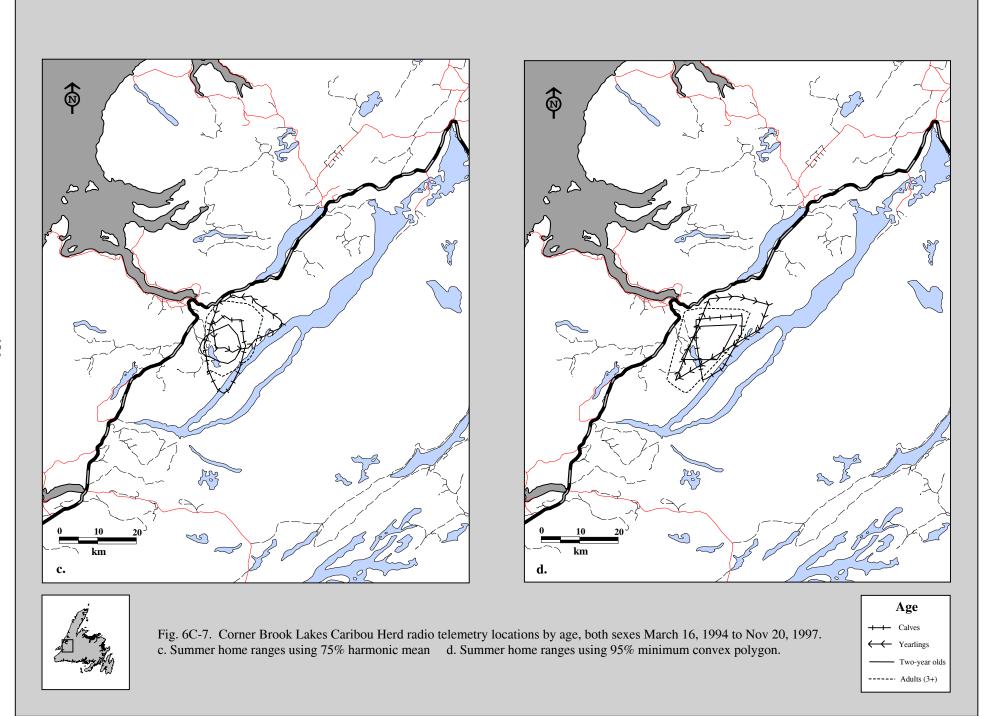
Fig. 6C-7. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes March 16, 1994 to Nov 20, 1997. a. Spring home ranges using 75% harmonic mean b. Spring home ranges using 95% minimum convex polygon.

## Age

++ Calves

← Yearlings

---- Adults (3+)



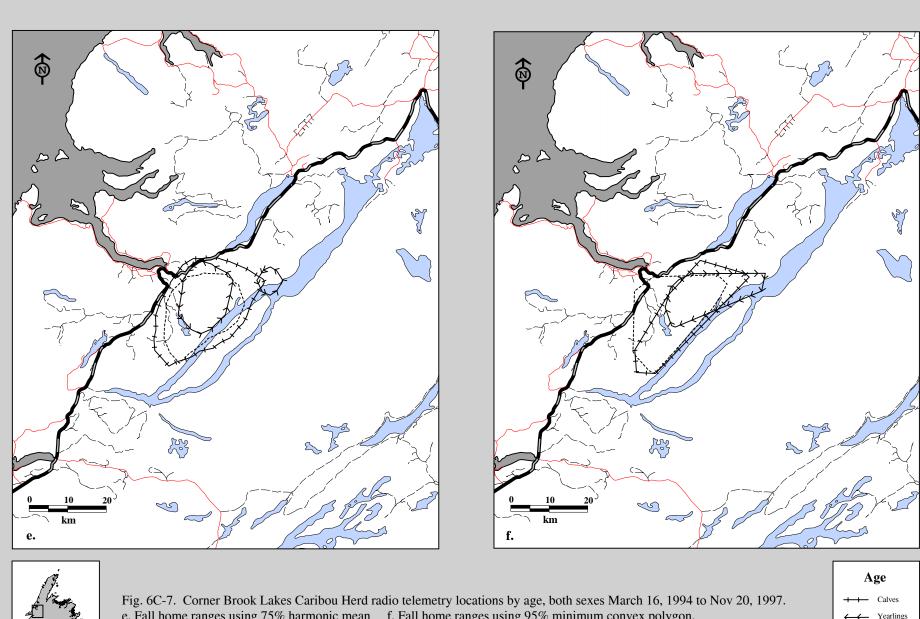
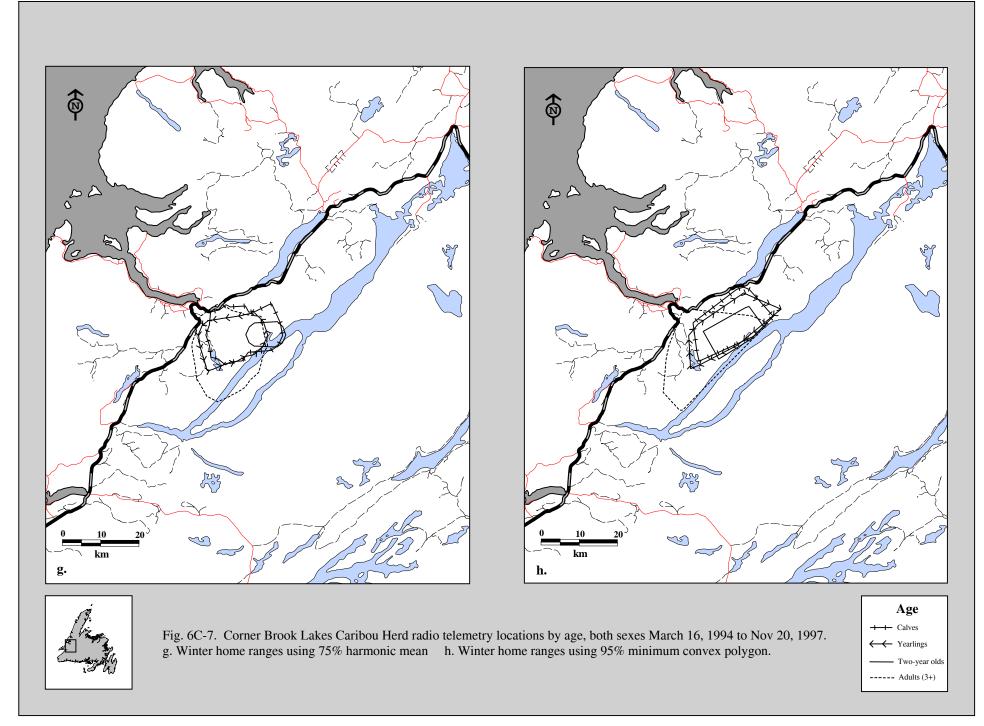
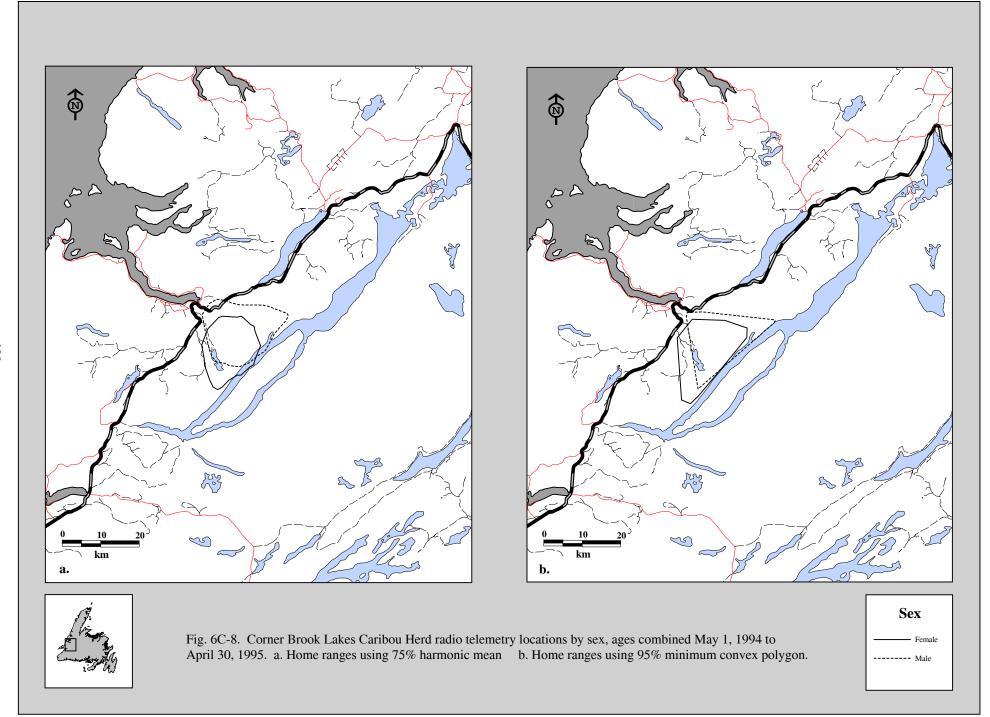
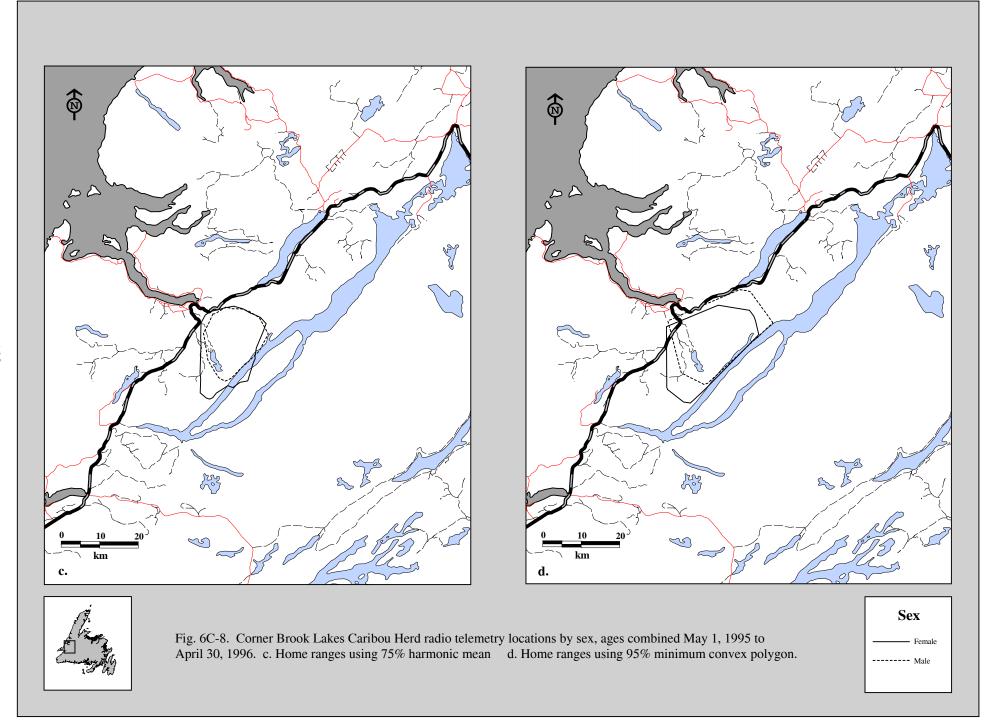


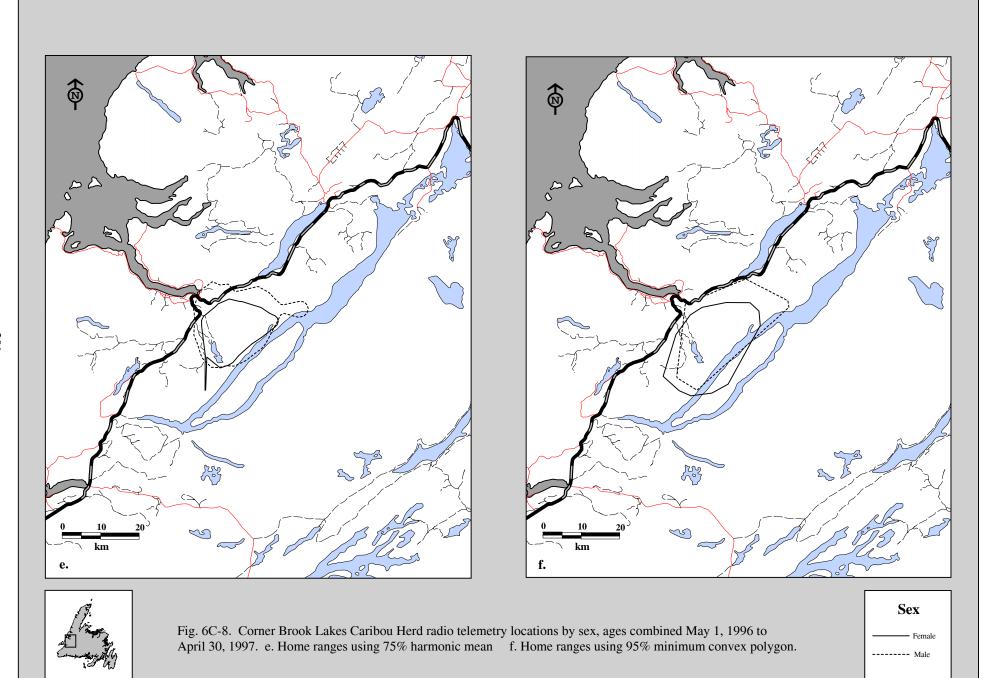
Fig. 6C-7. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes March 16, 1994 to Nov 20, 1997. e. Fall home ranges using 75% harmonic mean f. Fall home ranges using 95% minimum convex polygon.

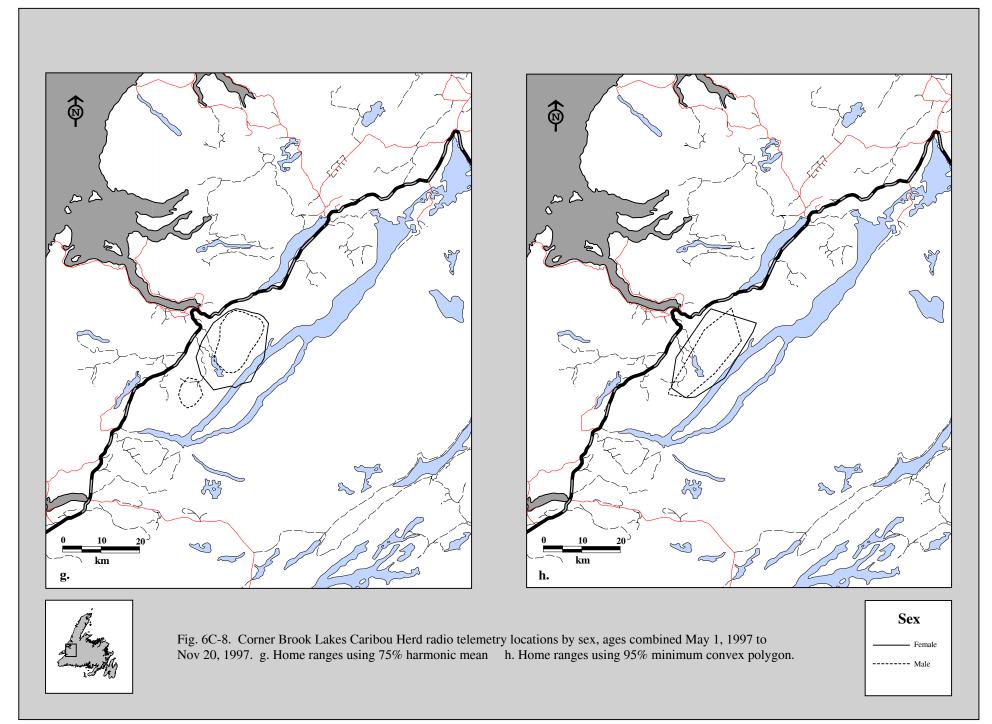












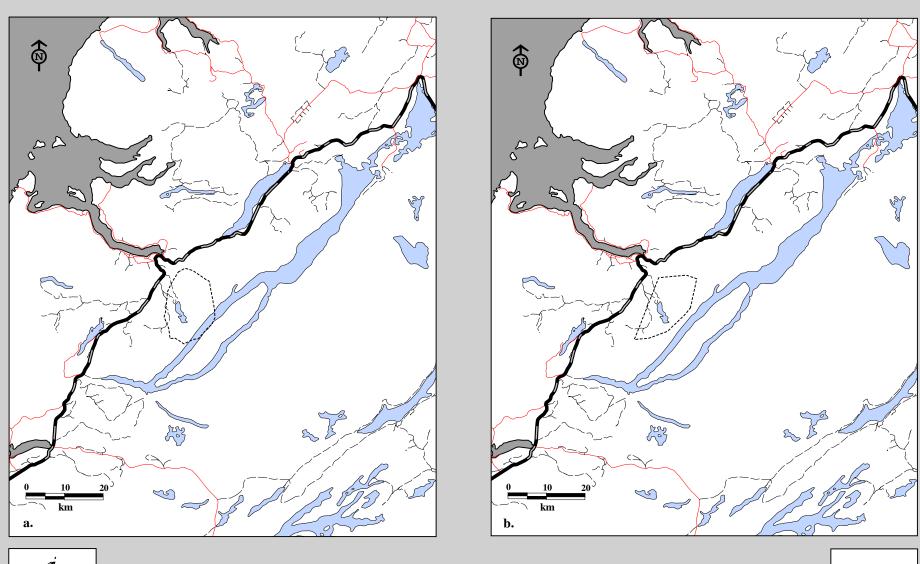




Fig. 6C-9. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes March 16, 1994 to April 30, 1994. a. Home ranges using 75% harmonic mean b. Home ranges using 95% minimum convex polygon.

Age

----- Adults (3+)

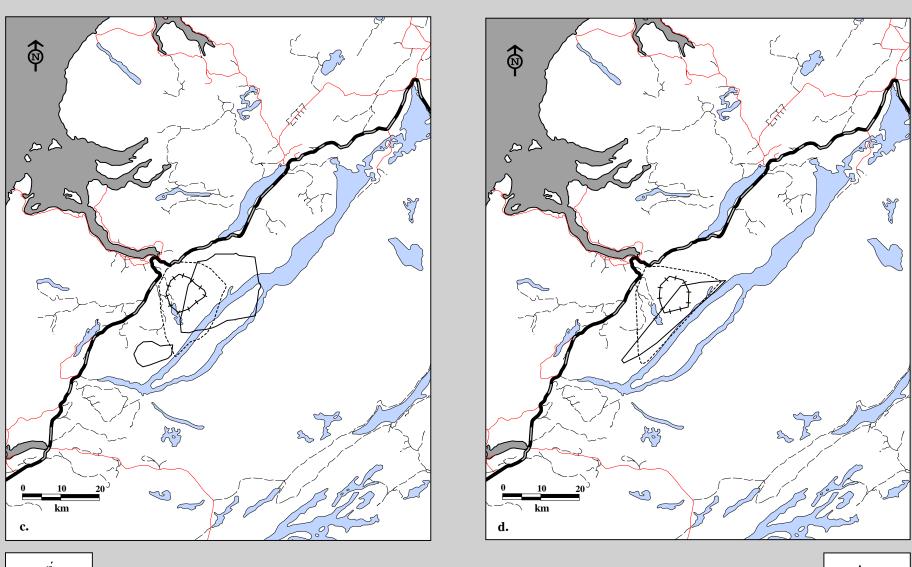
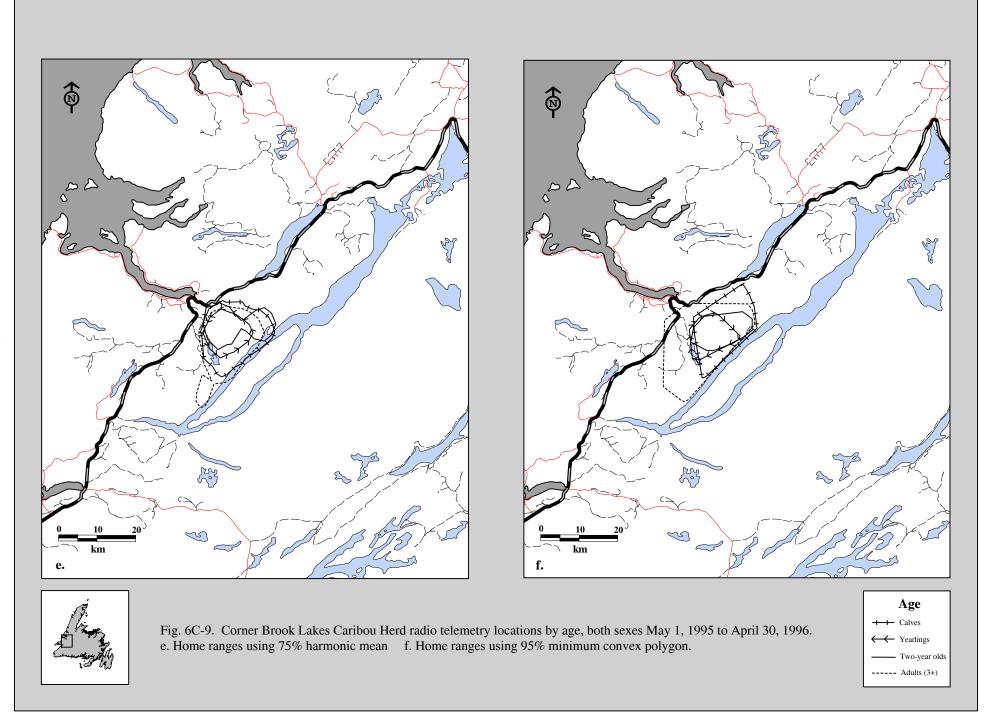
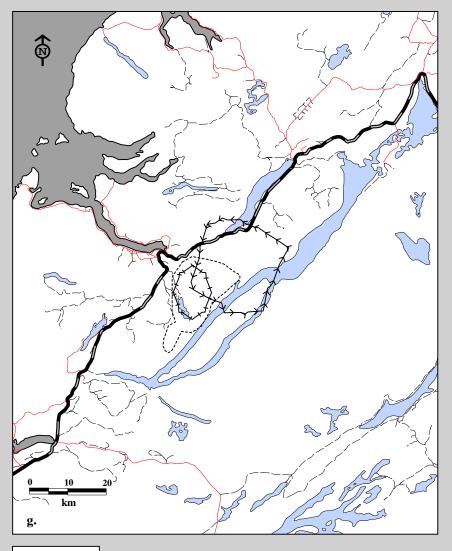




Fig. 6C-9. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1994 to April 30, 1995. c. Home ranges using 75% harmonic mean d. Home ranges using 95% minimum convex polygon.







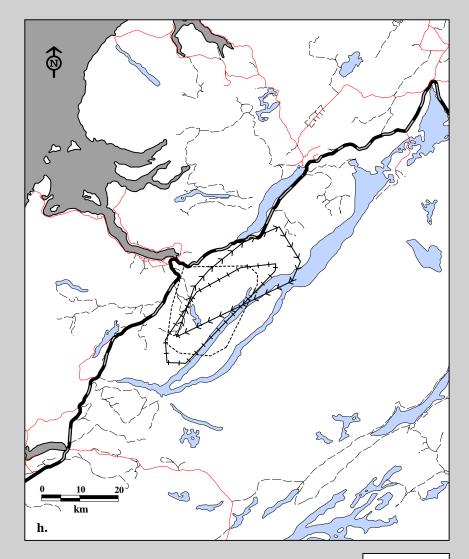
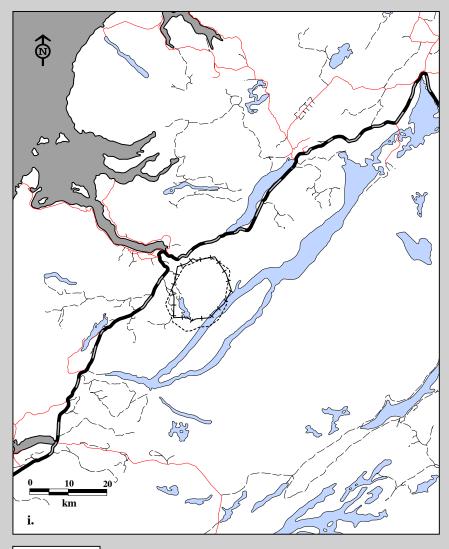




Fig. 6C-9. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1996 to April 30, 1997. g. Home ranges using 75% harmonic mean h. Home ranges using 95% minimum convex polygon.





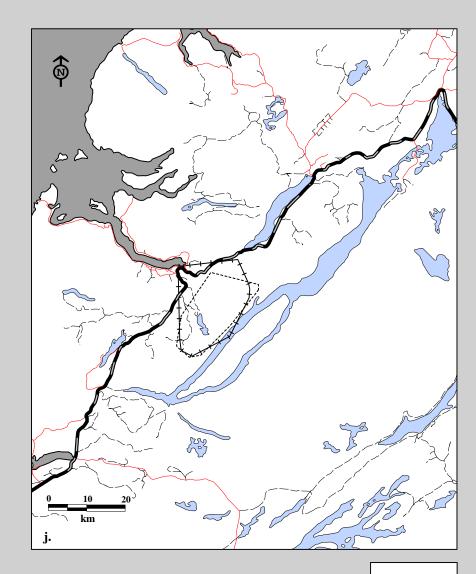
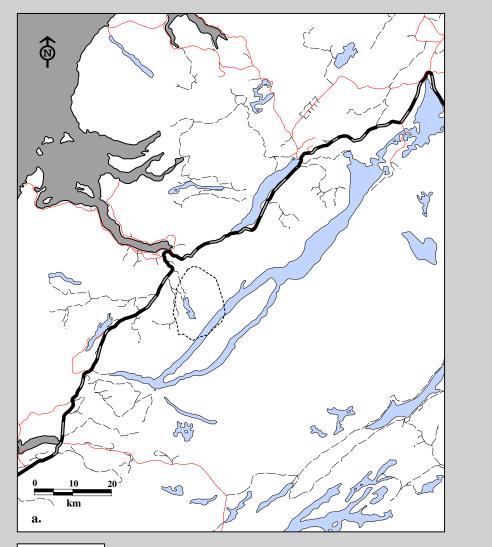




Fig. 6C-9. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1997 to Nov 20, 1997. i. Home ranges using 75% harmonic mean j. Home ranges using 95% minimum convex polygon.

## Age

----- Calves
----- Adults (3+)



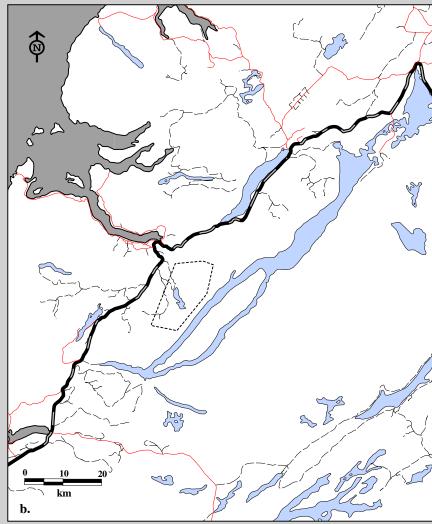
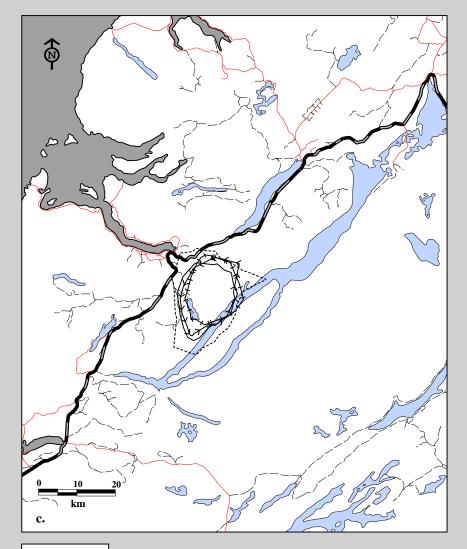




Fig. 6C-10. Corner Brook Lakes Caribou Herd radio telemetry locations for all cohorts March 16, 1994 to April 30, 1994. a. Seasonal home ranges using 75% harmonic mean b. Seasonal home ranges using 95% minimum convex polygon.

Season

----- Winter



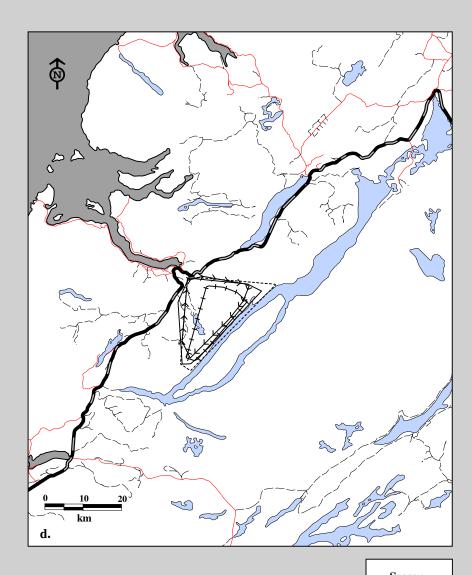




Fig. 6C-10. Corner Brook Lakes Caribou Herd radio telemetry locations for all cohorts May 1, 1994 to April 30, 1995. c. Seasonal home ranges using 75% harmonic mean d. Seasonal home ranges using 95% minimum convex polygon.



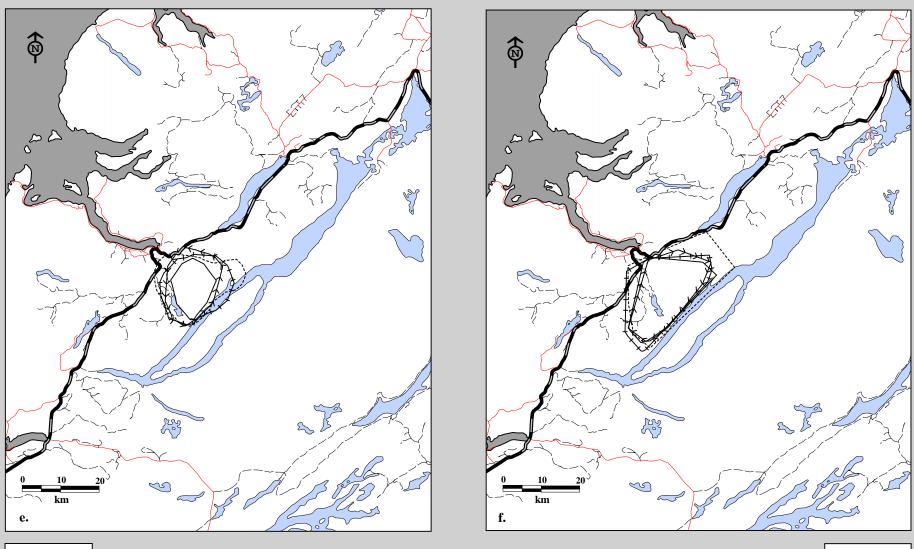
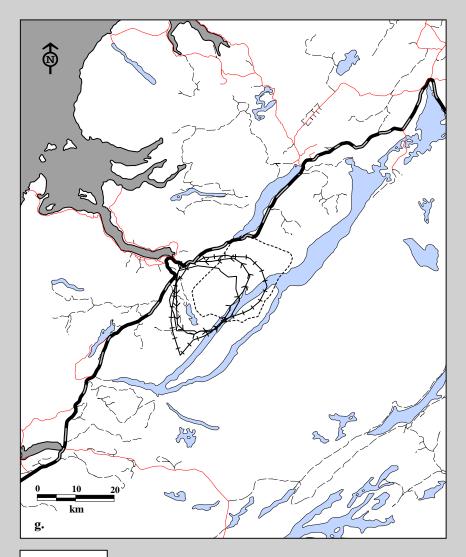




Fig. 6C-10. Corner Brook Lakes Caribou Herd radio telemetry locations for all cohorts May 1, 1995 to April 30, 1996. e. Seasonal home ranges using 75% harmonic mean f. Seasonal home ranges using 95% minimum convex polygon.





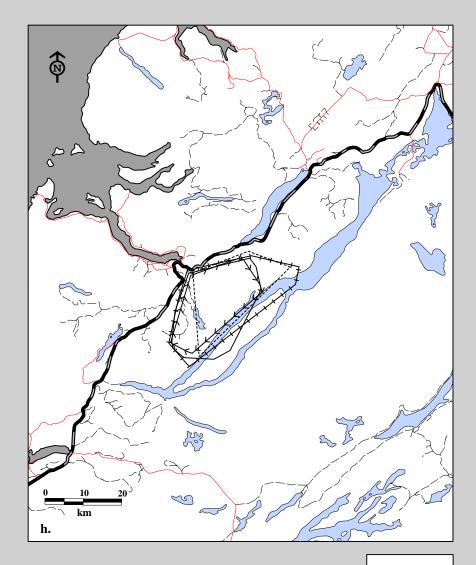
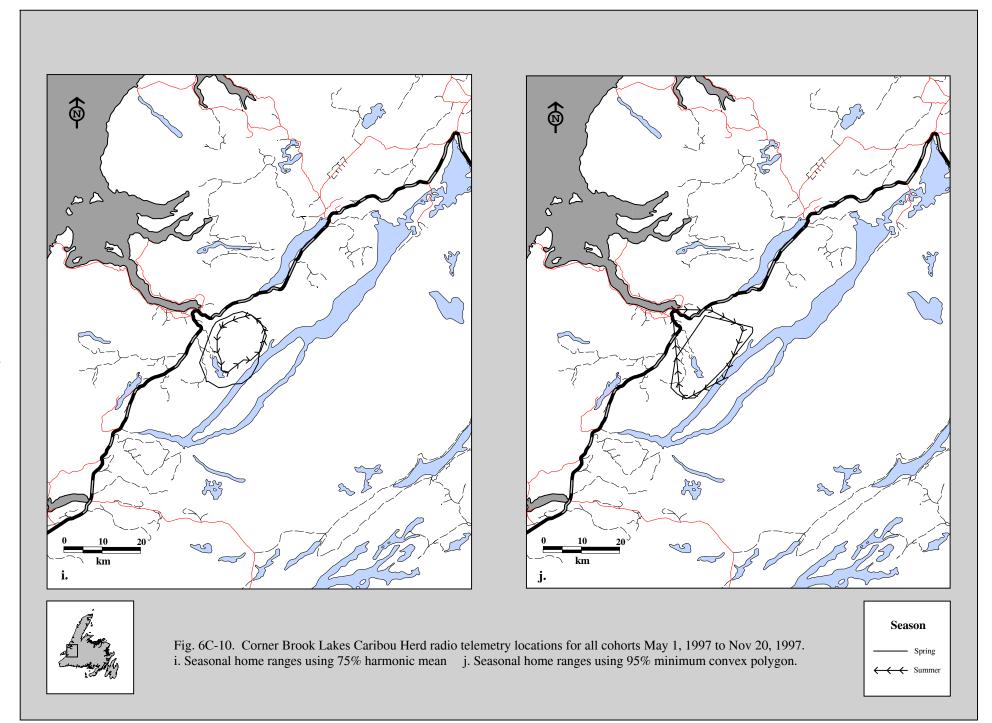




Fig. 6C-10. Corner Brook Lakes Caribou Herd radio telemetry locations for all cohorts May 1, 1996 to April 30, 1997. g. Seasonal home ranges using 75% harmonic mean h. Seasonal home ranges using 95% minimum convex polygon.





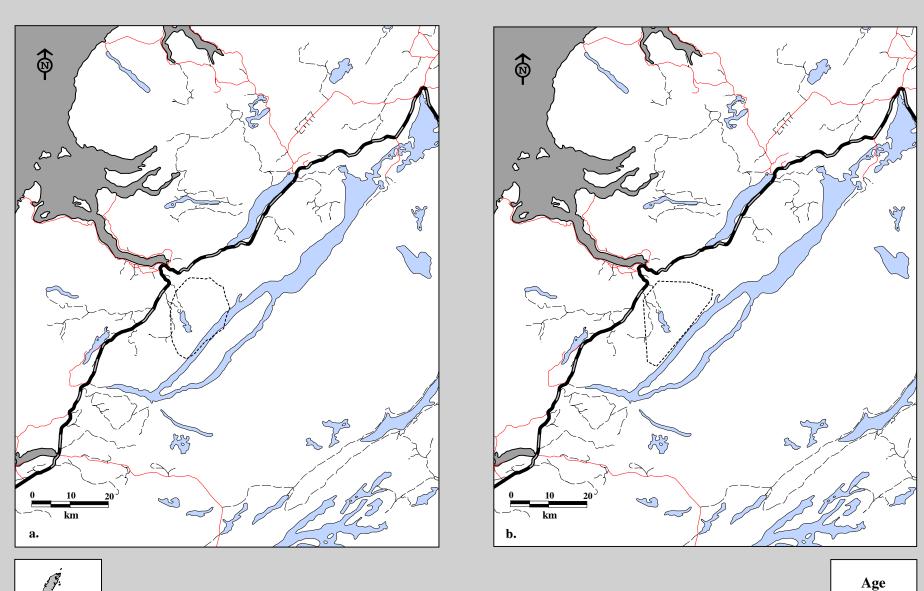
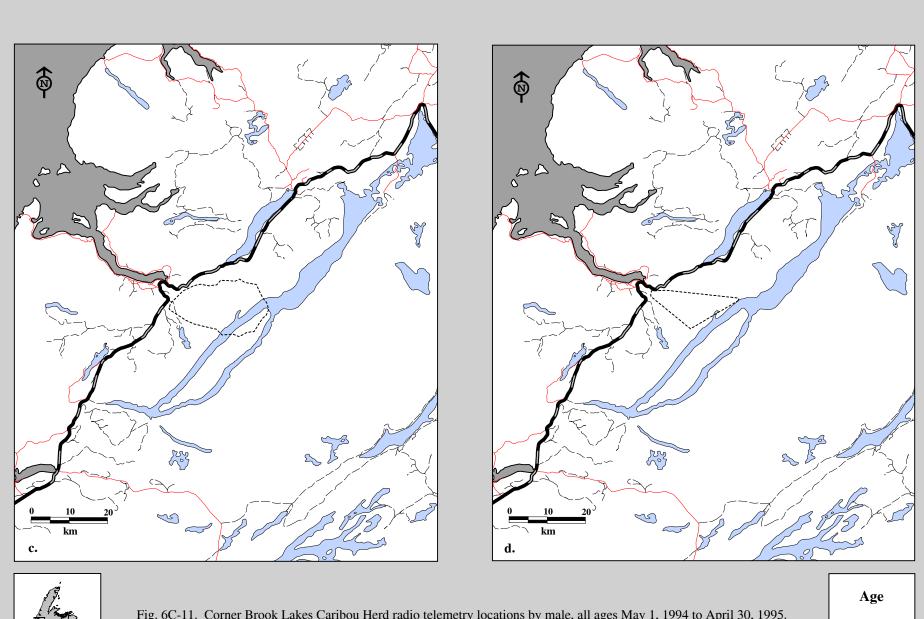
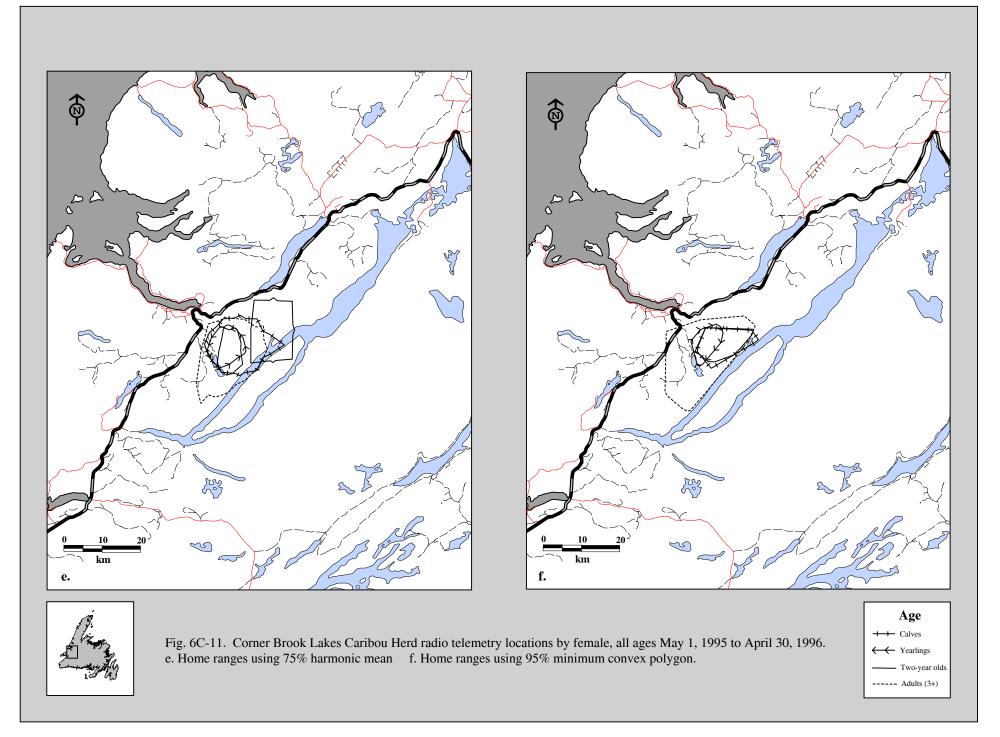


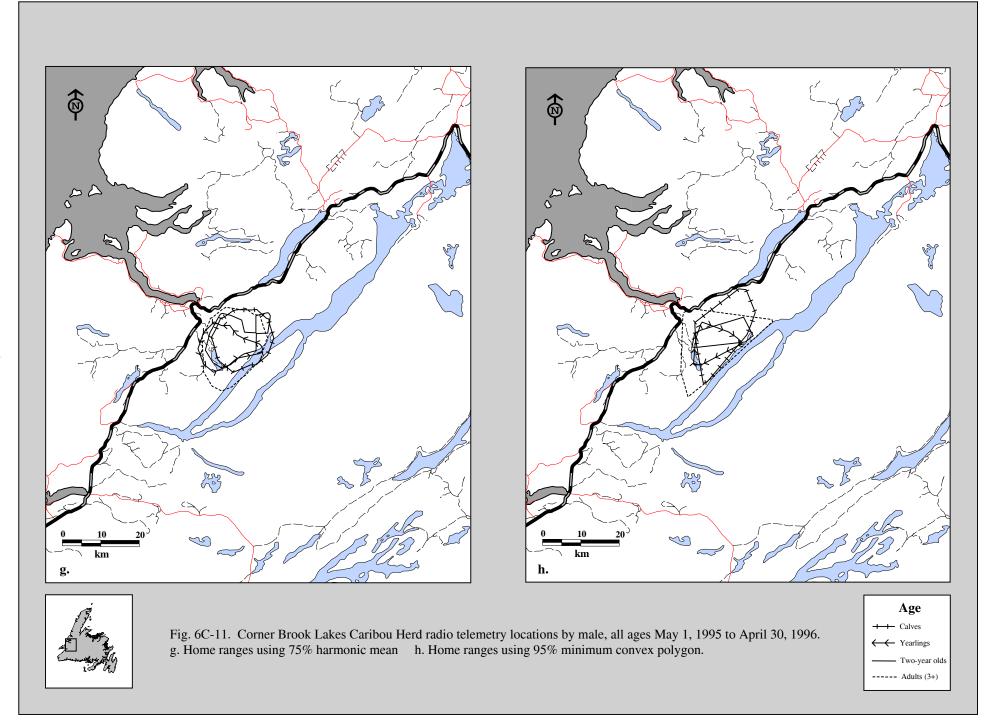
Fig. 6C-11. Corner Brook Lakes Caribou Herd radio telemetry locations by female, all ages May 1, 1994 to April 30, 1995. a. Home ranges using 75% harmonic mean b. Home ranges using 95% minimum convex polygon.

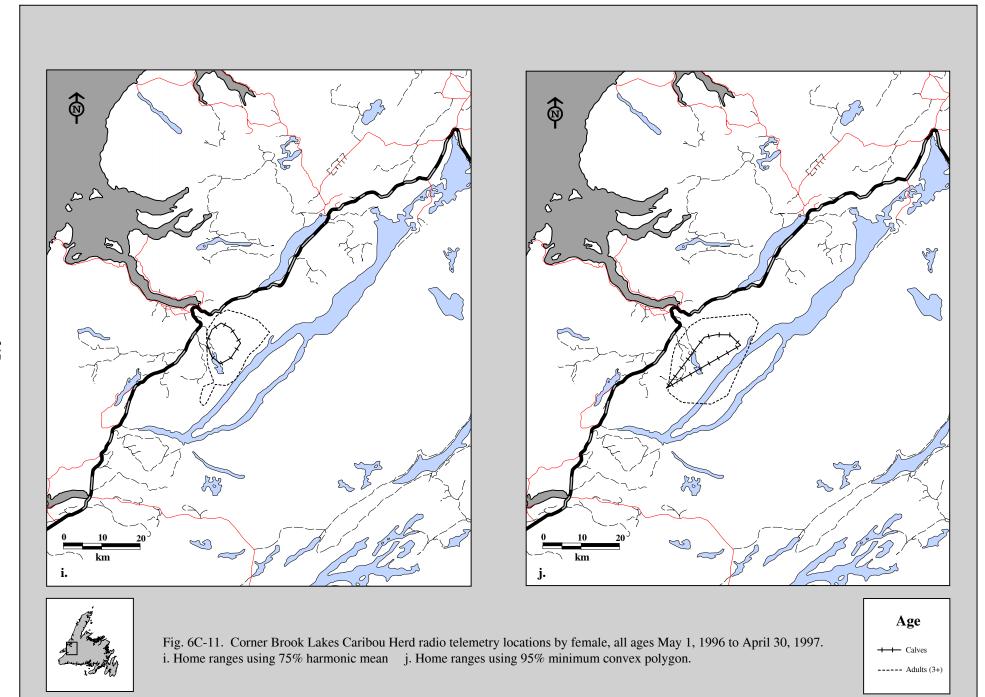


ra,

Fig. 6C-11. Corner Brook Lakes Caribou Herd radio telemetry locations by male, all ages May 1, 1994 to April 30, 1995. c. Home ranges using 75% harmonic mean d. Home ranges using 95% minimum convex polygon.







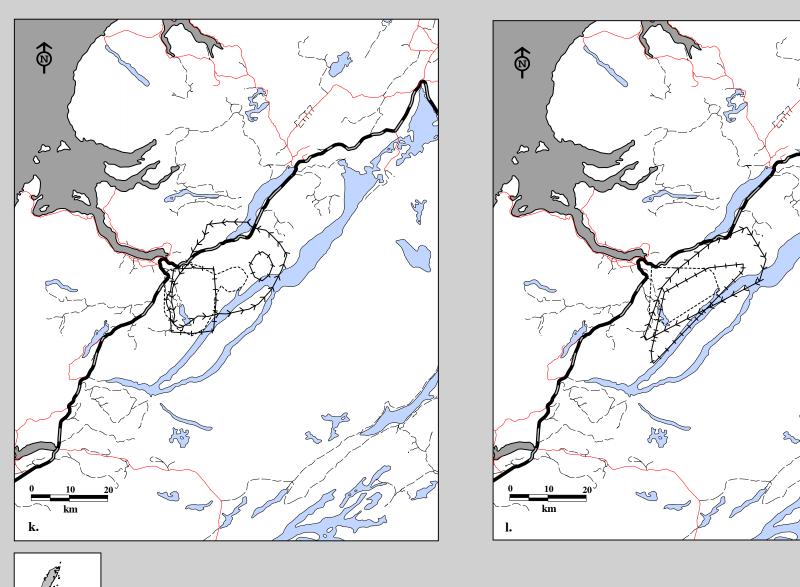
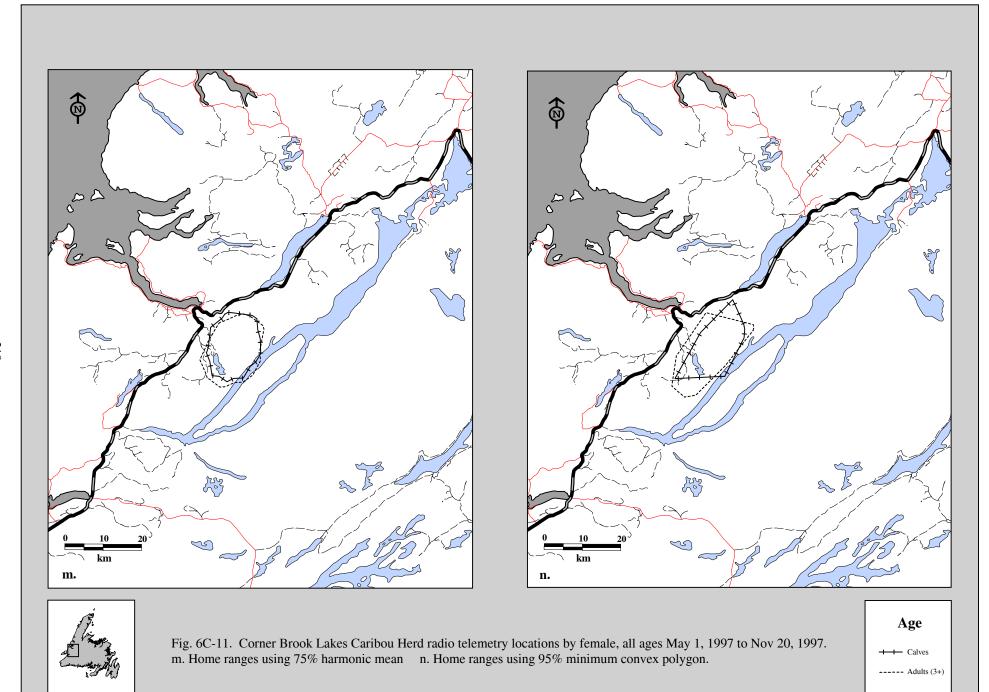
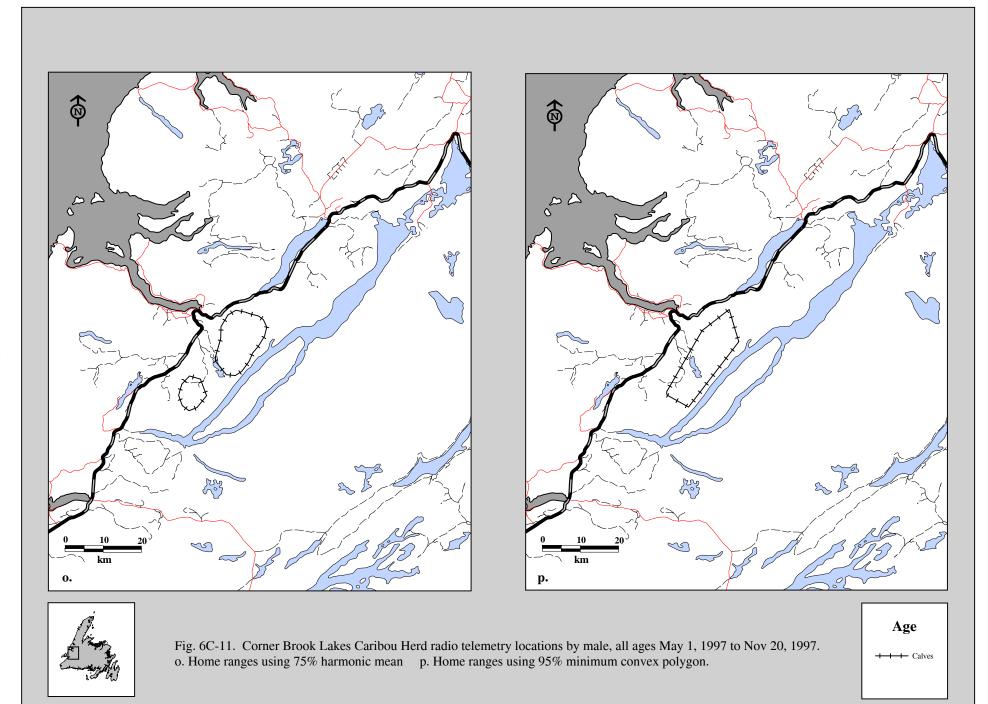
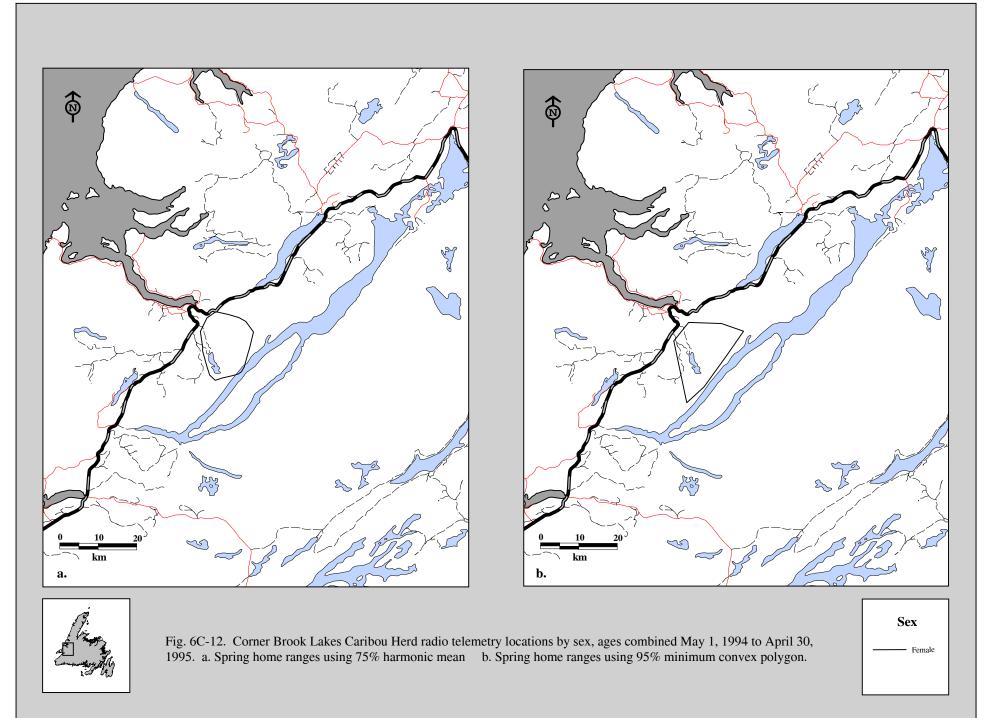


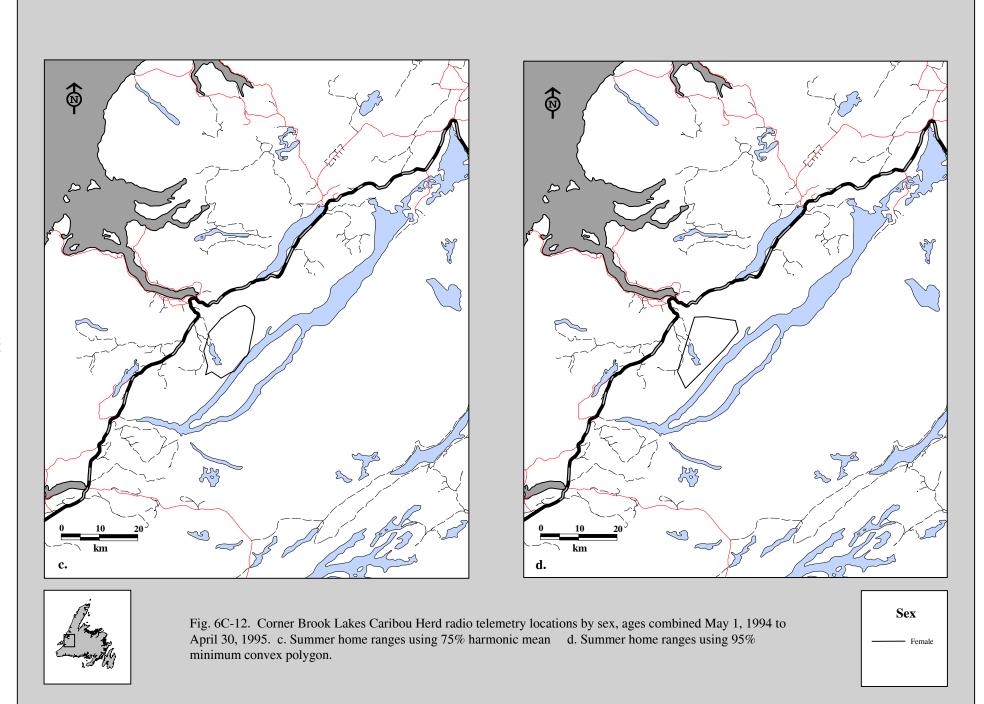
Fig. 6C-11. Corner Brook Lakes Caribou Herd radio telemetry locations by male, all ages May 1, 1996 to April 30, 1997. k. Home ranges using 75% harmonic mean 1. Home ranges using 95% minimum convex polygon.











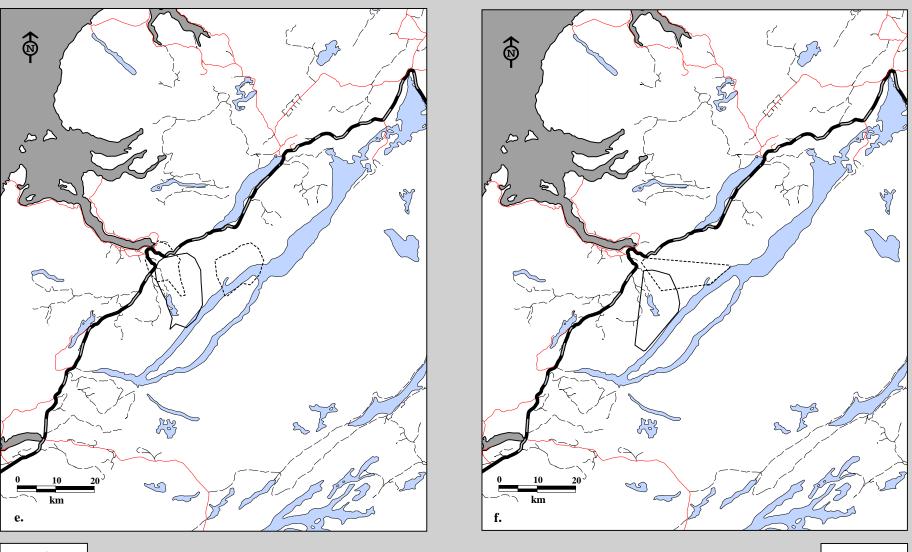
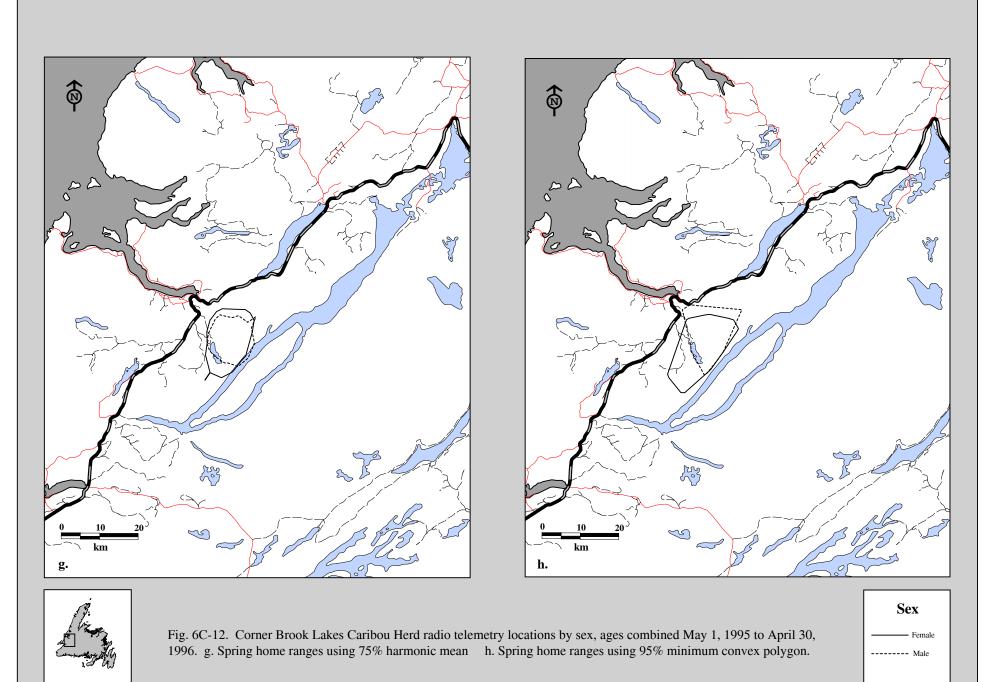




Fig. 6C-12. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined May 1, 1994 to April 30, 1995. e. Winter home ranges using 75% harmonic mean f. Winter home ranges using 95% minimum convex polygon.

Sex
----- Female



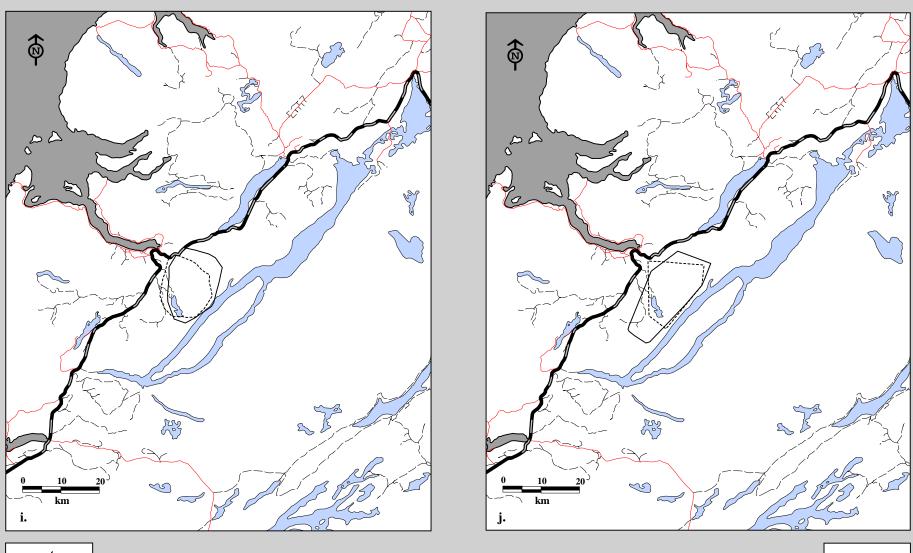
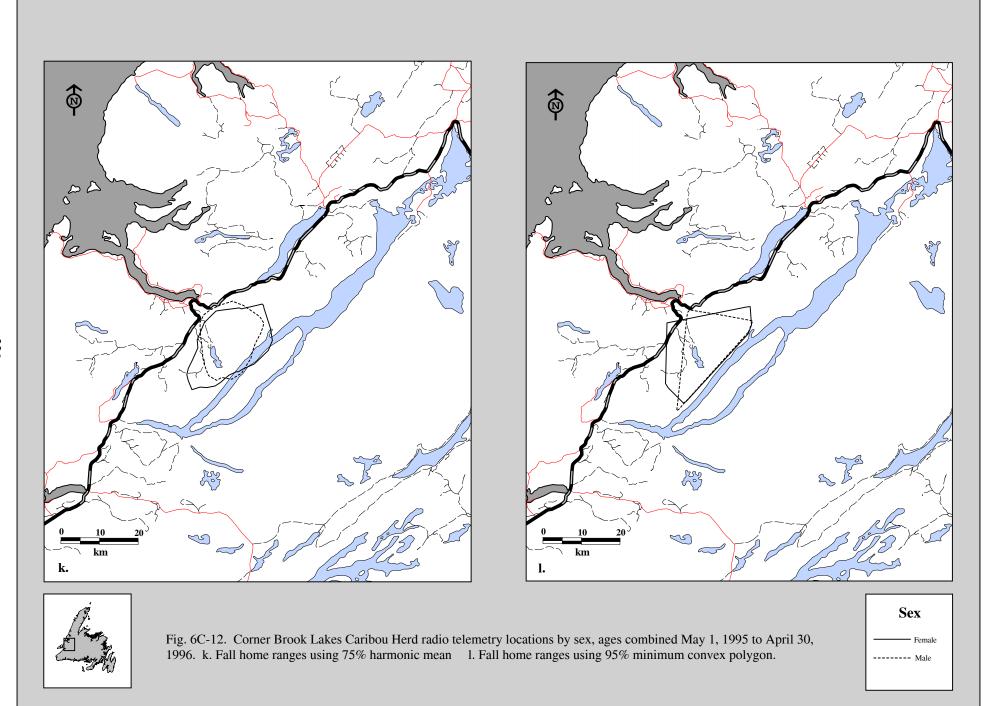
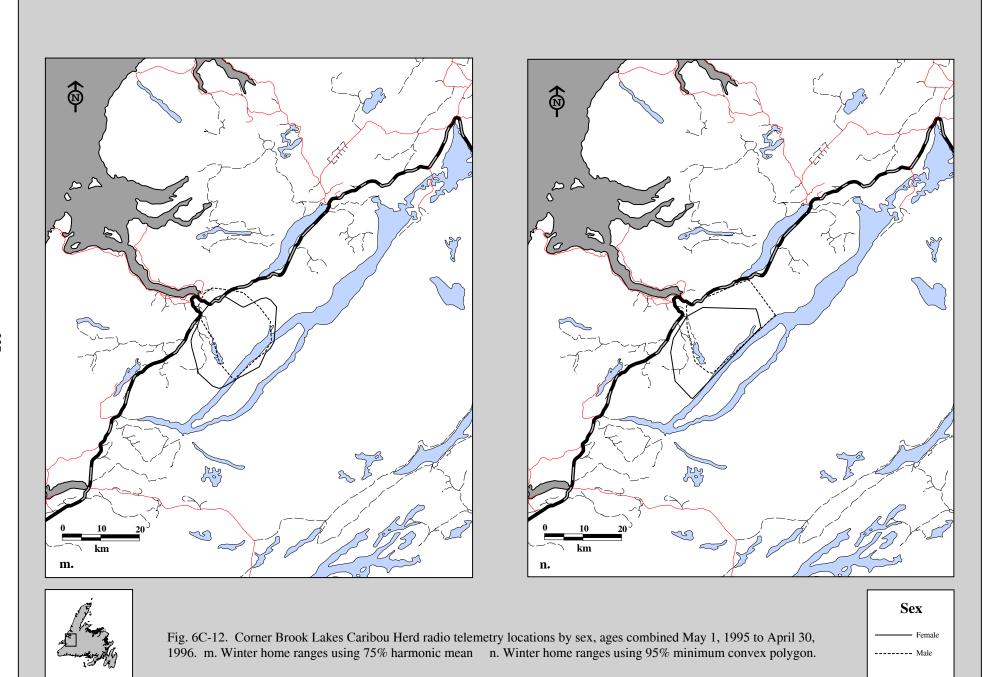
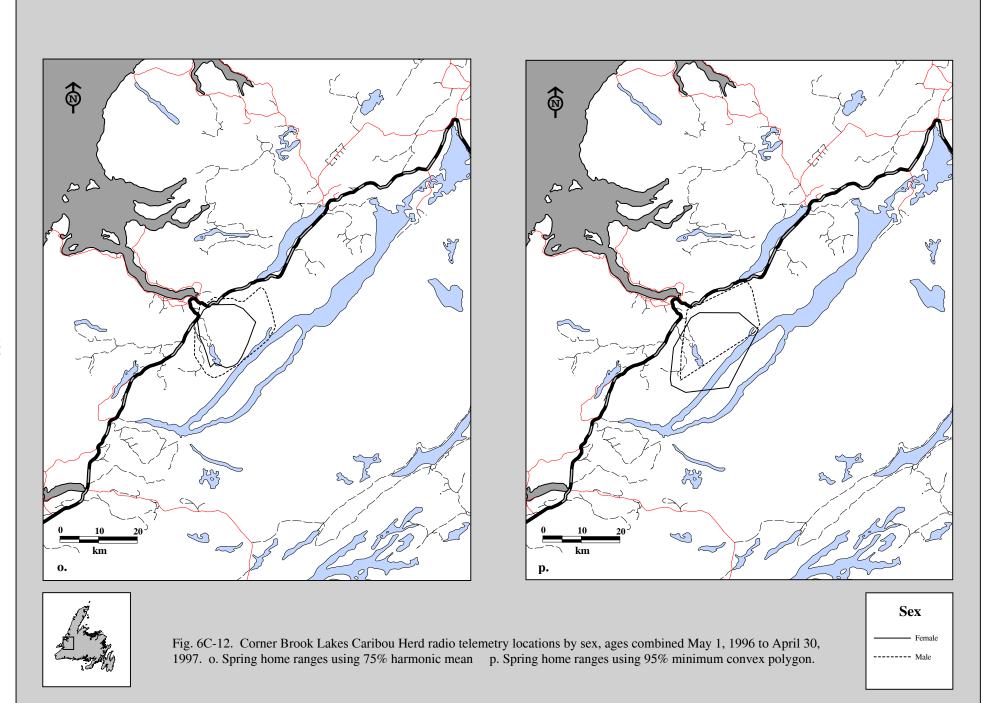


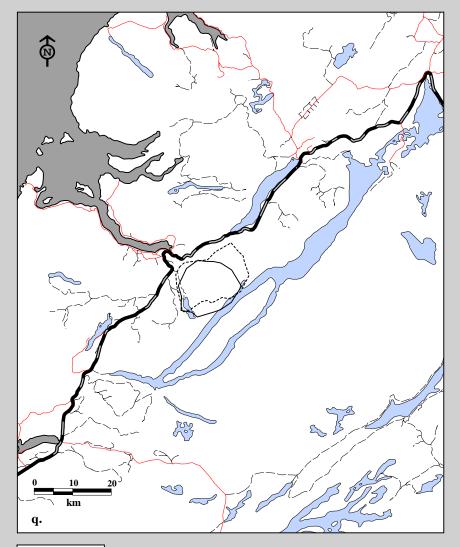
Fig. 6C-12. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined May 1, 1995 to April 30, 1996. i. Summer home ranges using 75% harmonic mean j. Summer home ranges using 95% minimum convex polygon.











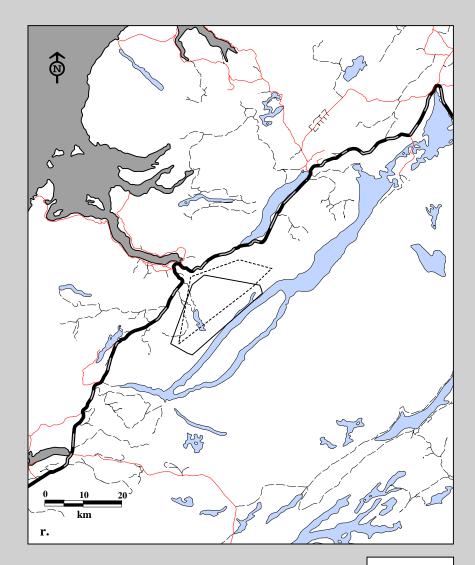


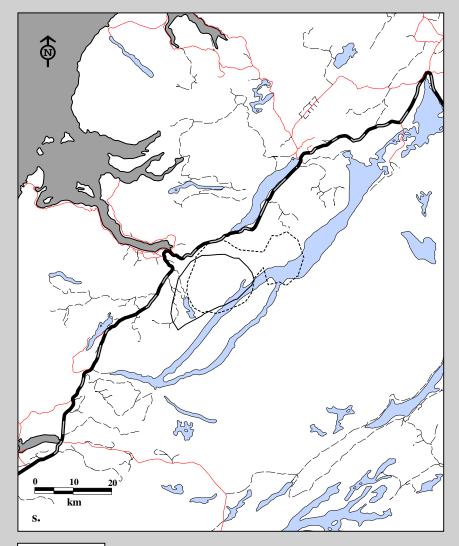


Fig. 6C-12. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined May 1, 1996 to April 30, 1997. q. Summer home ranges using 75% harmonic mean r. Summer home ranges using 95% minimum convex polygon.



----- Male

---- Female



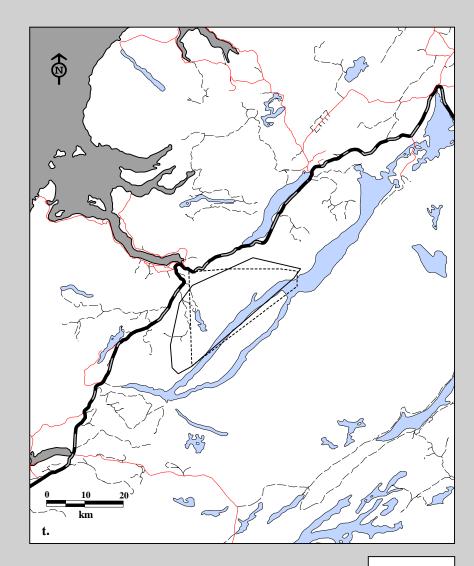


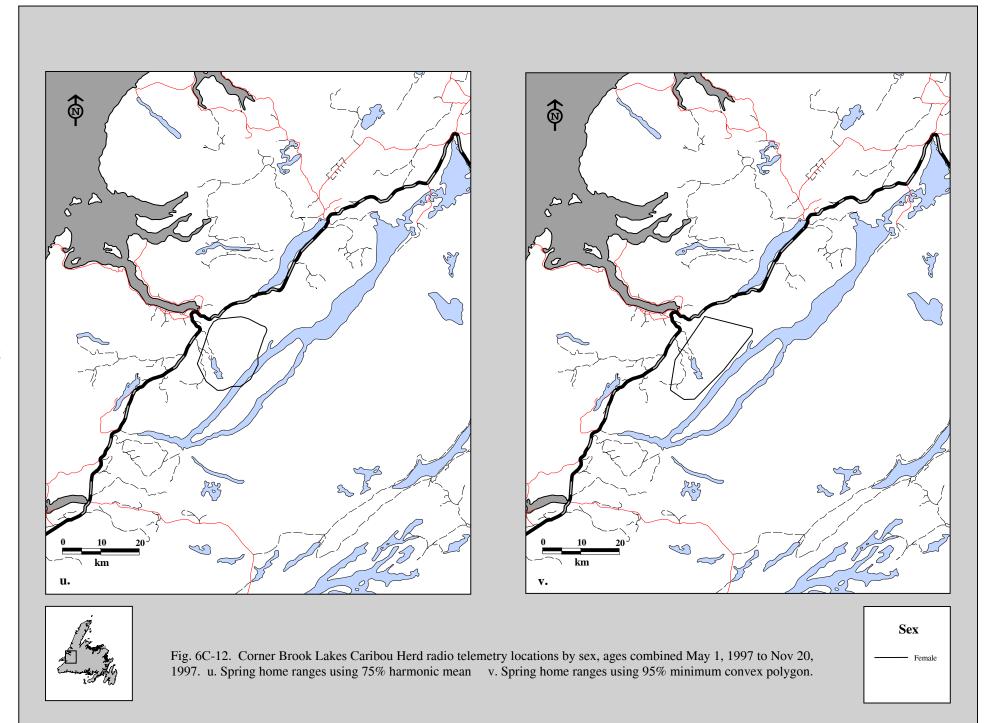


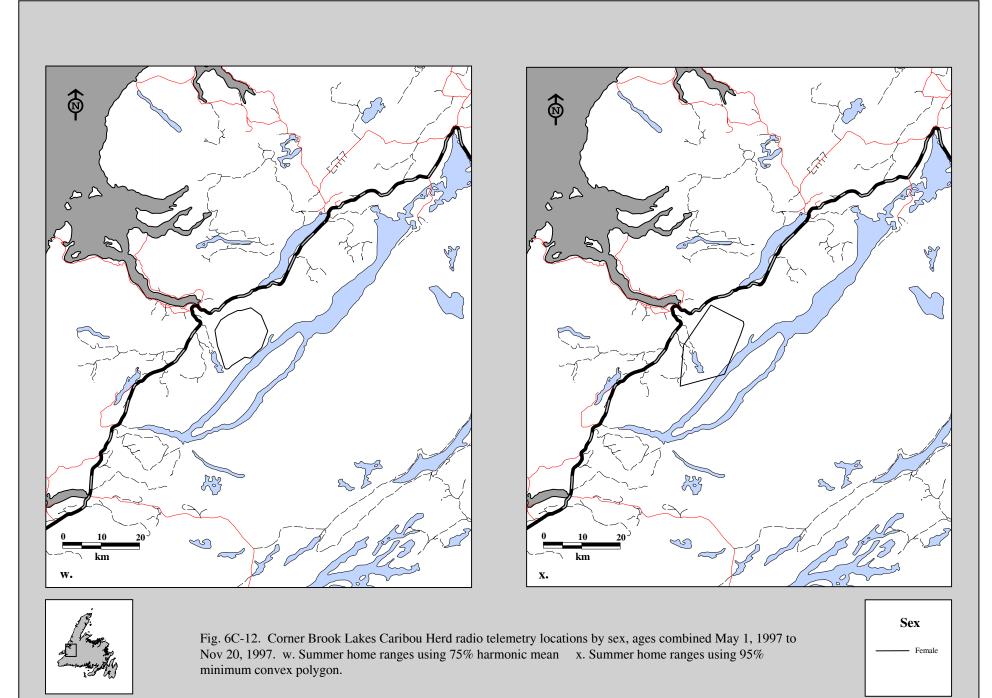
Fig. 6C-12. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined May 1, 1996 to April 30, 1997. s. Fall home ranges using 75% harmonic mean t. Fall home ranges using 95% minimum convex polygon.

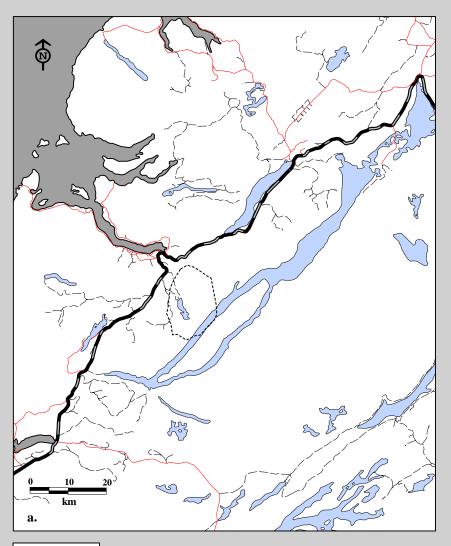
Sex

---- Female

----- Male







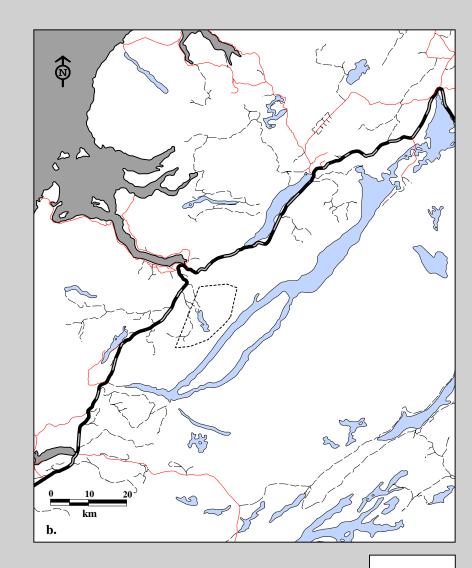




Fig. 6C-13. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes March 16, 1994 to April 30, 1994. a. Winter home ranges using 75% harmonic mean b. Winter home ranges using 95% minimum convex polygon.

Age

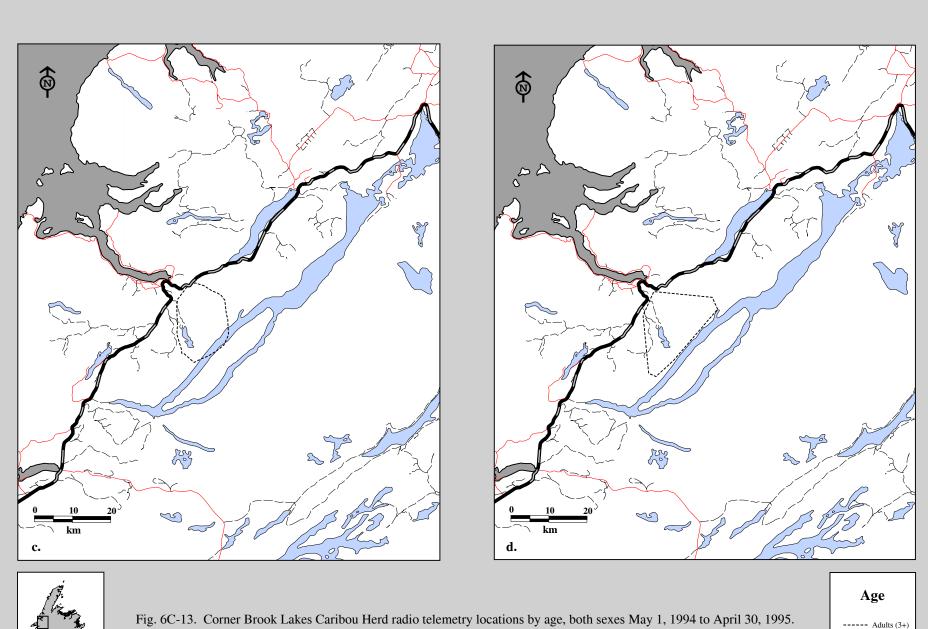
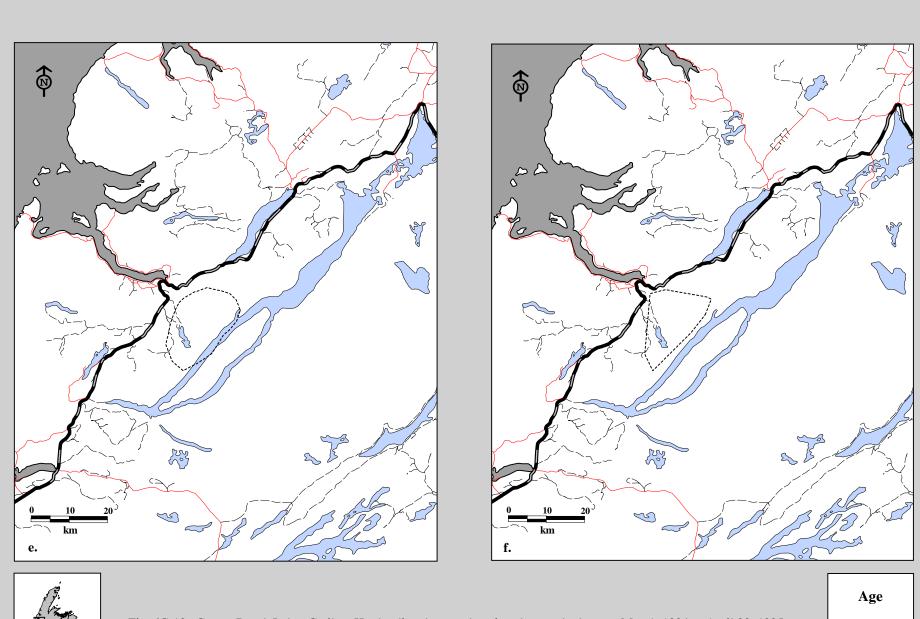


Fig. 6C-13. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1994 to April 30, 1995. c. Spring home ranges using 75% harmonic mean d. Spring home ranges using 95% minimum convex polygon.



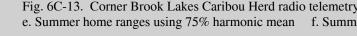


Fig. 6C-13. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1994 to April 30, 1995. e. Summer home ranges using 75% harmonic mean f. Summer home ranges using 95% minimum convex polygon.

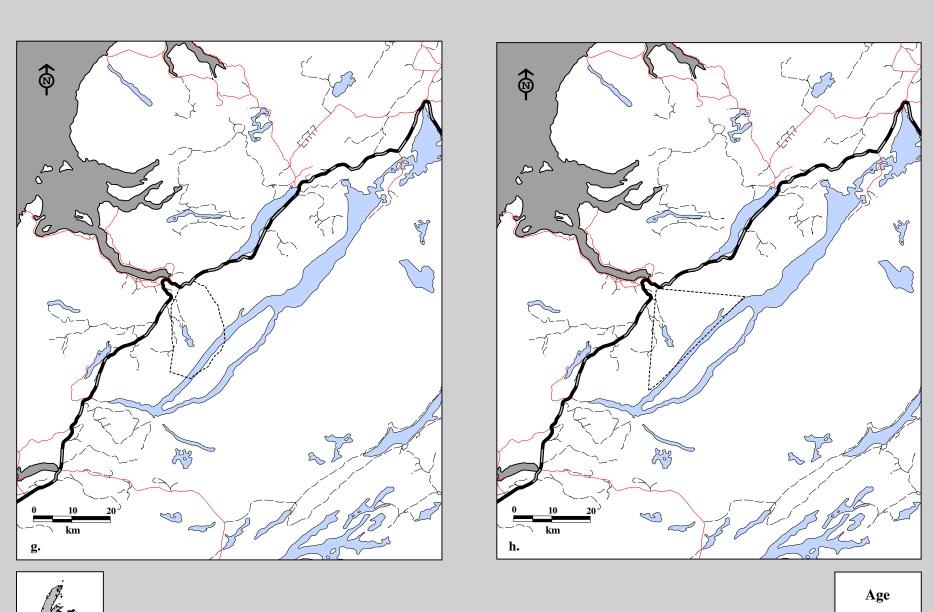
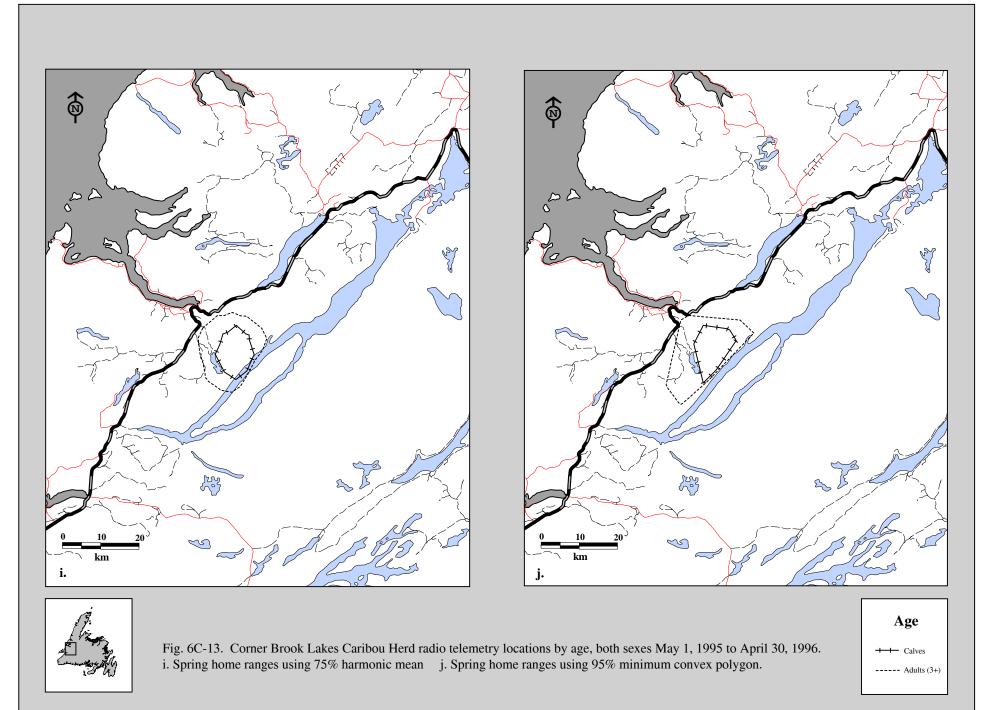


Fig. 6C-13. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1994 to April 30, 1995. g. Winter home ranges using 75% harmonic mean h. Winter home ranges using 95% minimum convex polygon.



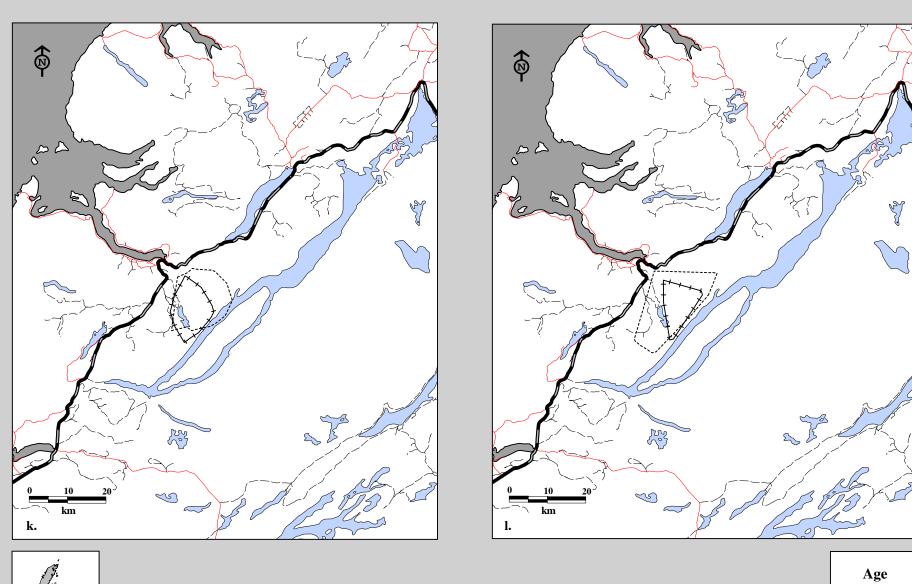


Fig. 6C-13. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1995 to April 30, 1996. k. Summer home ranges using 75% harmonic mean 1. Summer home ranges using 95% minimum convex polygon.



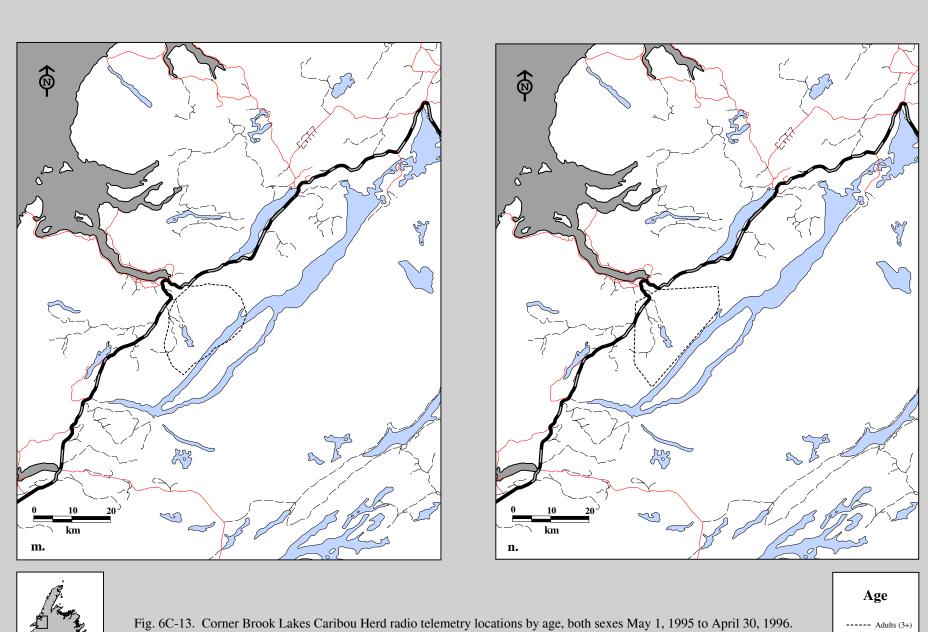
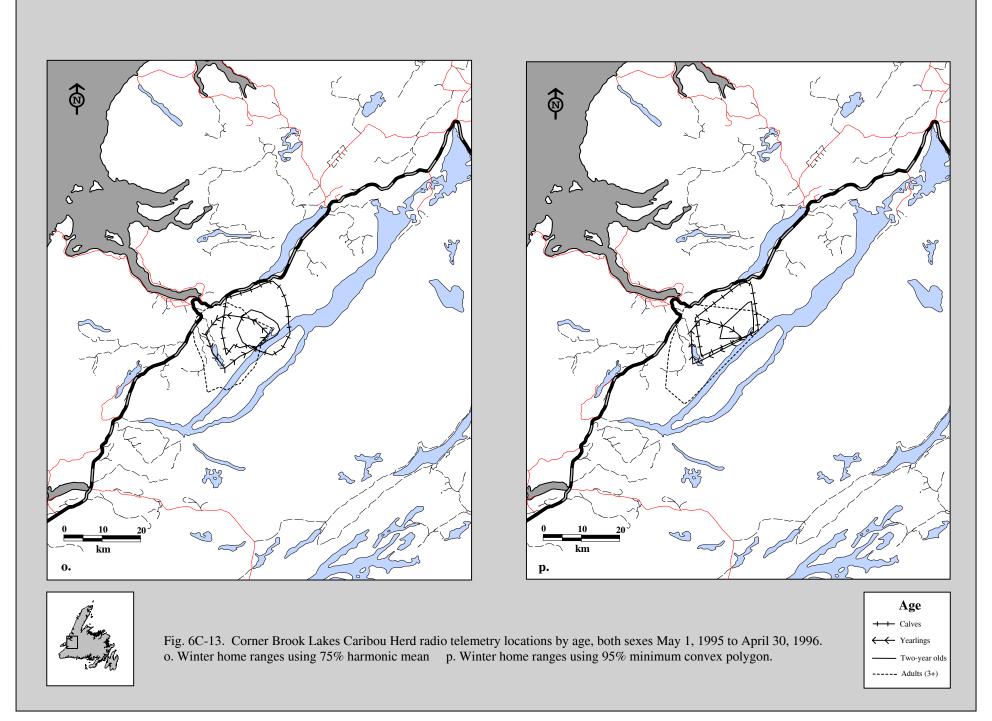
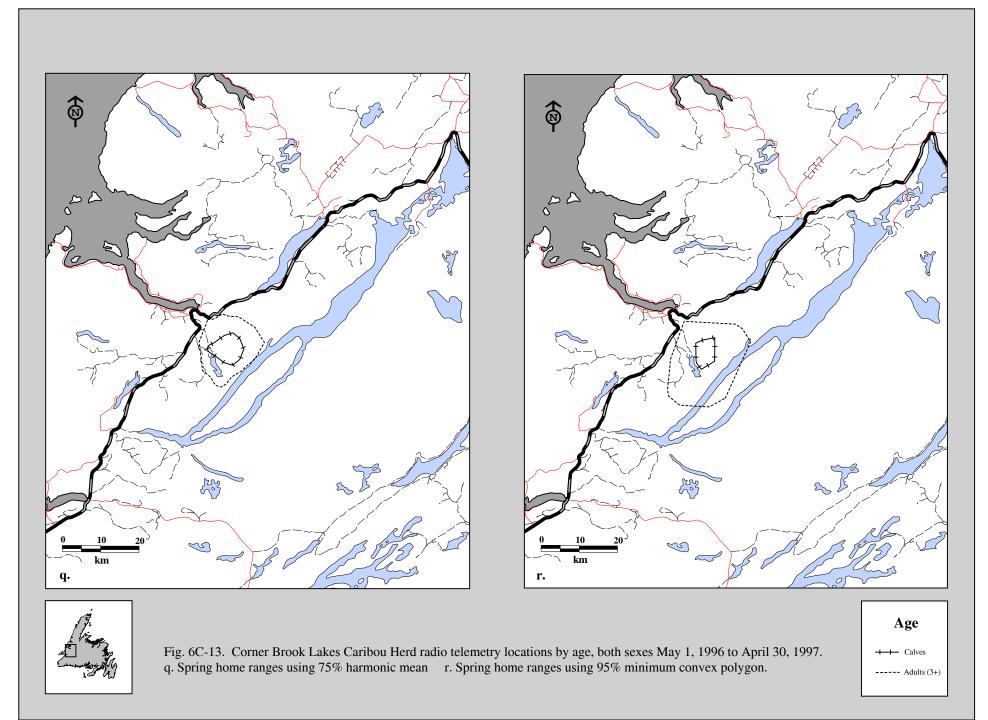


Fig. 6C-13. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1995 to April 30, 1996. m. Fall home ranges using 75% harmonic mean n. Fall home ranges using 95% minimum convex polygon.





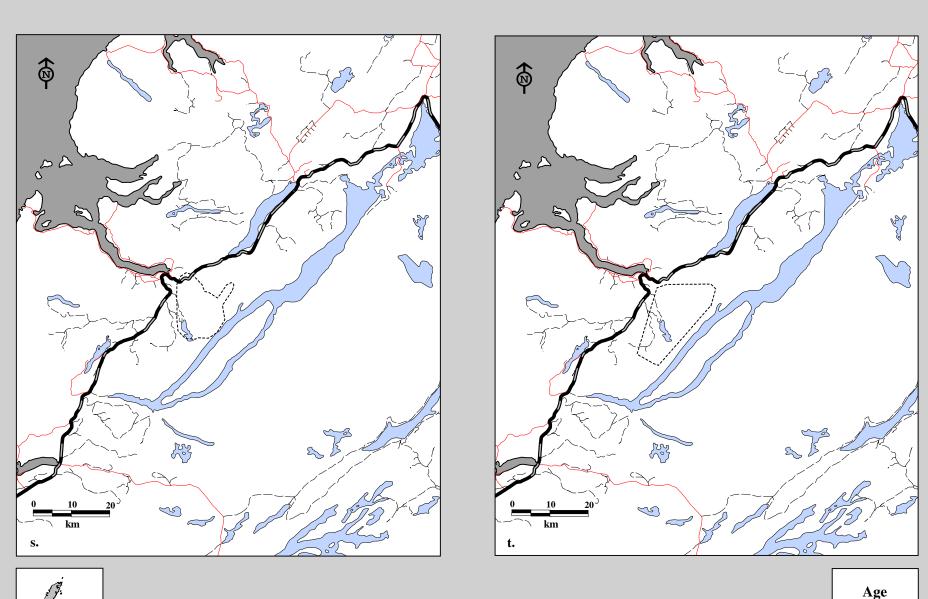
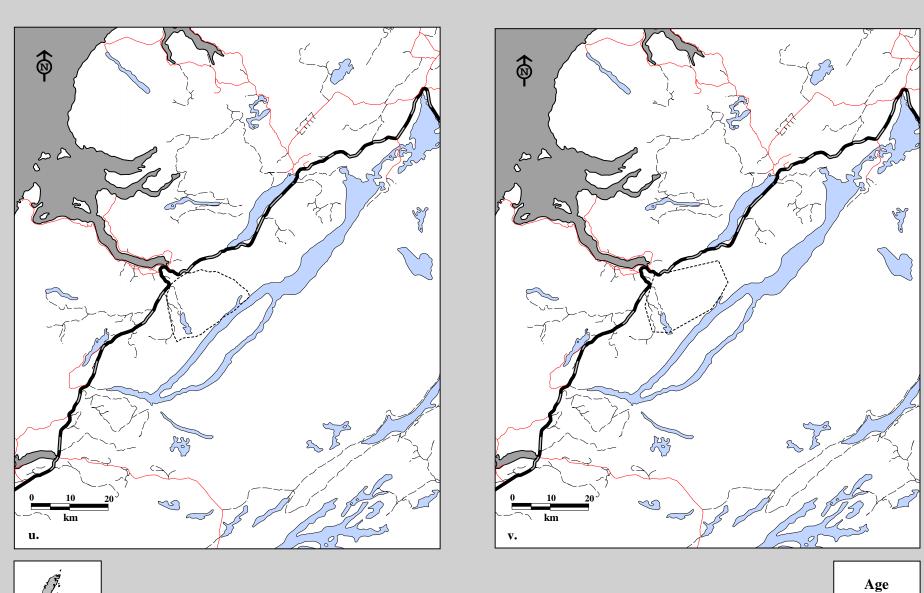
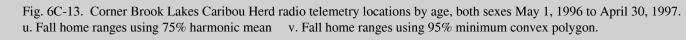
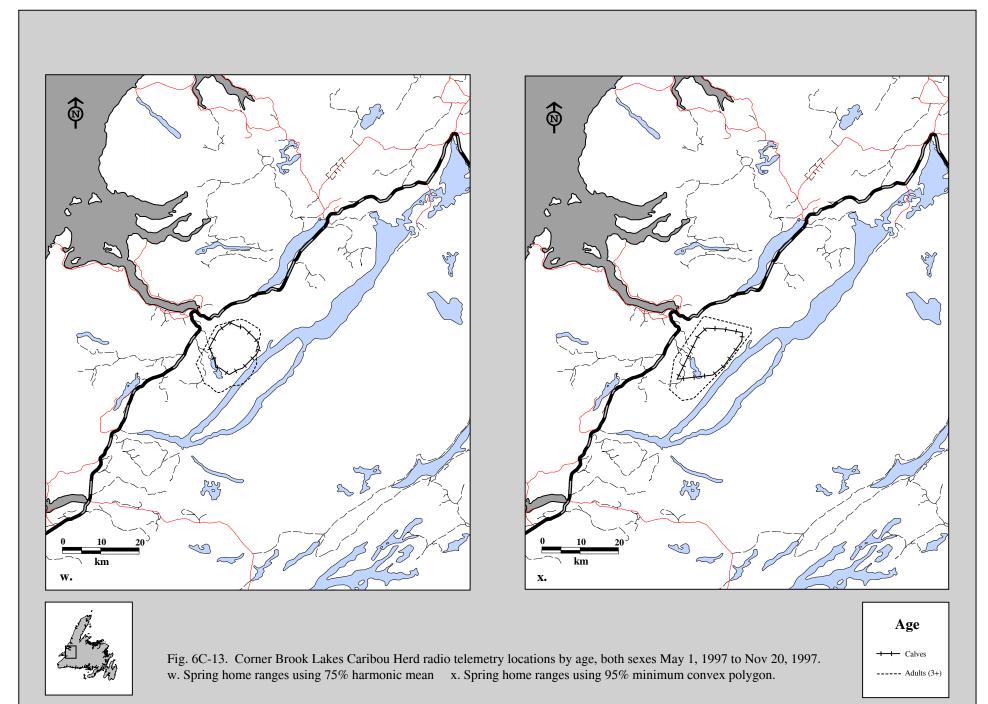


Fig. 6C-13. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1996 to April 30, 1997. s. Summer home ranges using 75% harmonic mean t. Summer home ranges using 95% minimum convex polygon.







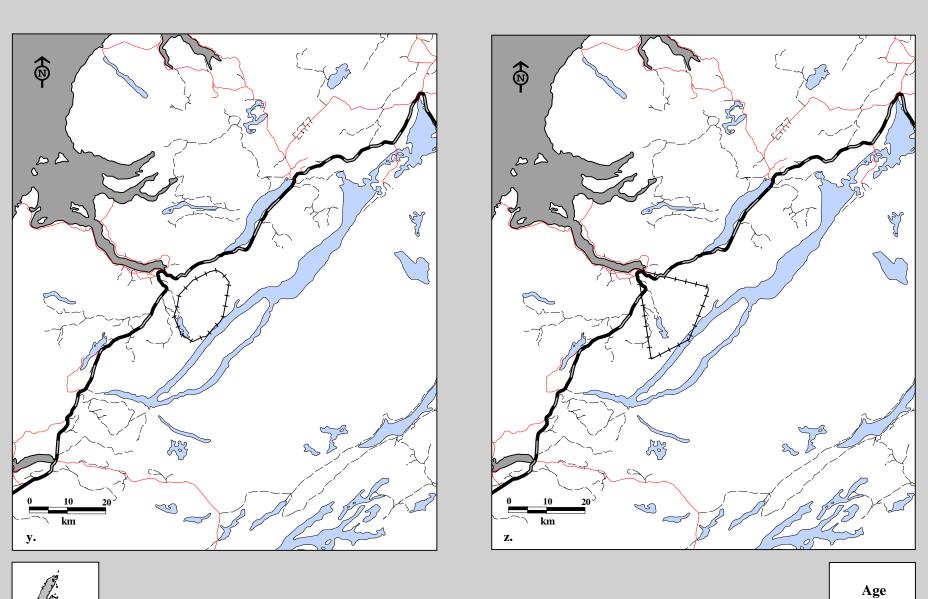
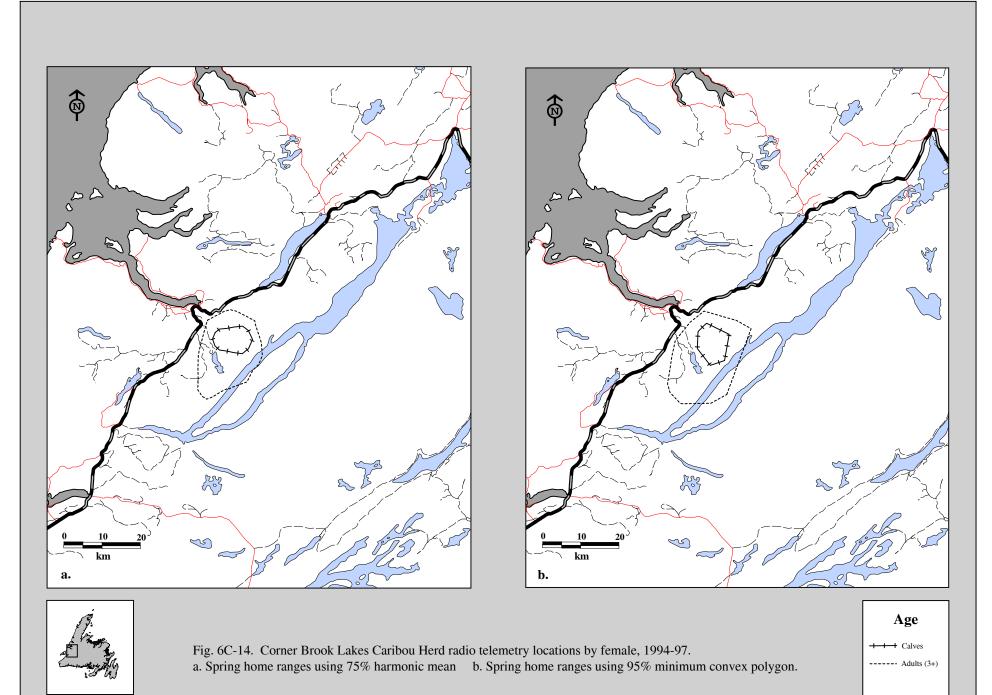
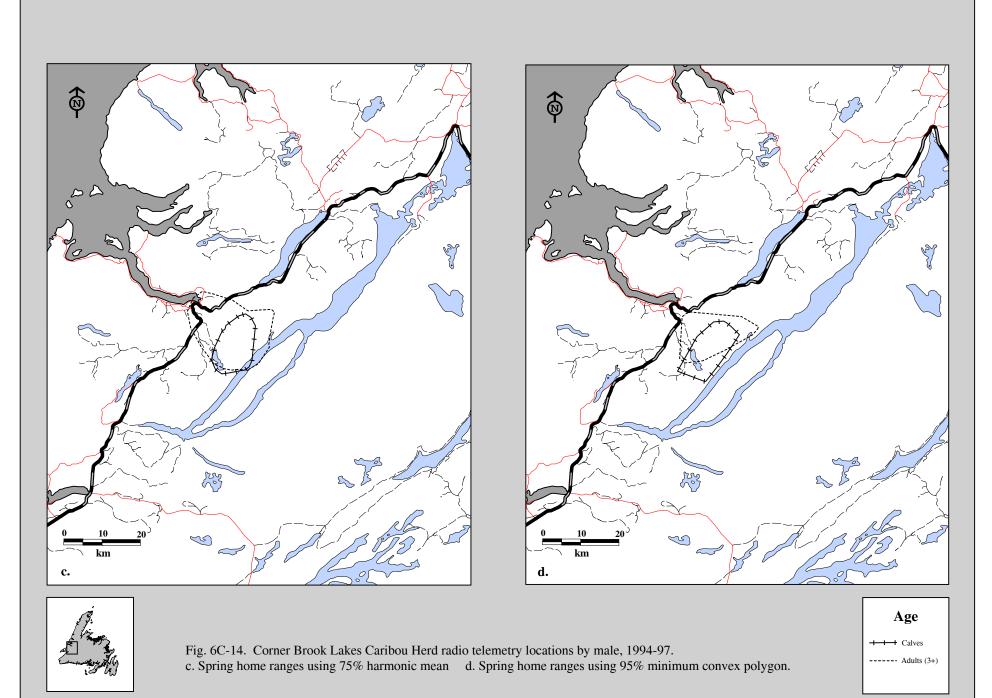


Fig. 6C-13. Corner Brook Lakes Caribou Herd radio telemetry locations by age, both sexes May 1, 1997 to Nov 20, 1997. y. Summer home ranges using 75% harmonic mean z. Summer home ranges using 95% minimum convex polygon.

+-- Calves





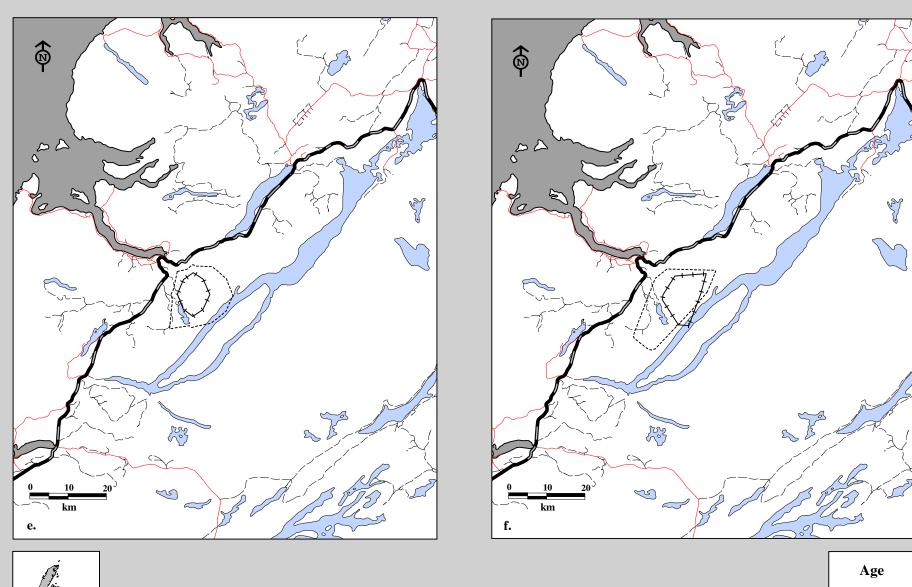




Fig. 6C-14. Corner Brook Lakes Caribou Herd radio telemetry locations by female, 1994-97.
e. Summer home ranges using 75% harmonic mean f. Summer home ranges using 95% minimum convex polygon.



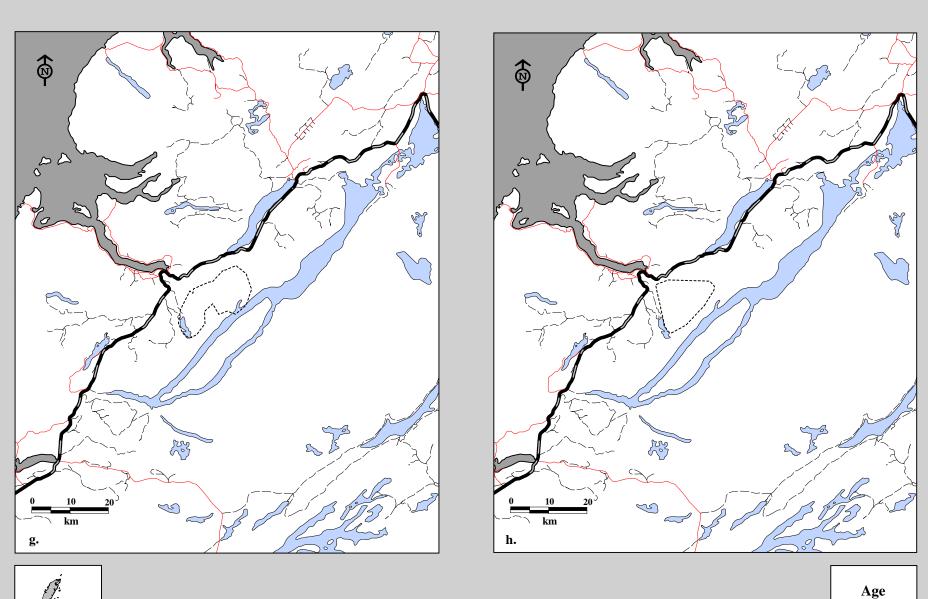
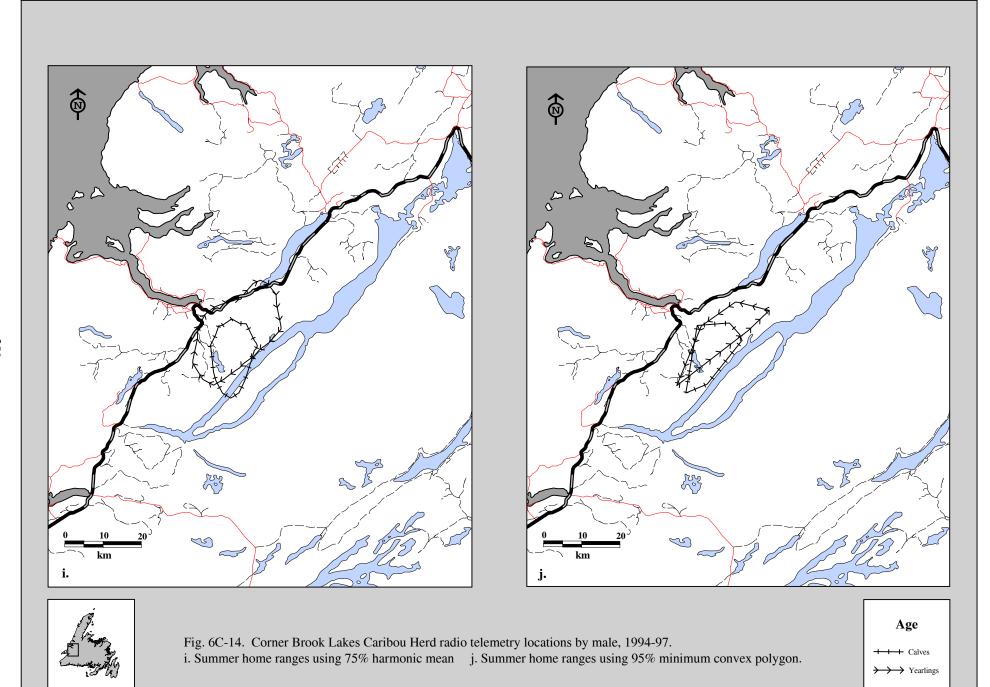


Fig. 6C-14. Corner Brook Lakes Caribou Herd radio telemetry locations by male, 1994-97.
g. Summer home ranges using 75% harmonic mean h. Summer home ranges using 95% minimum convex polygon.



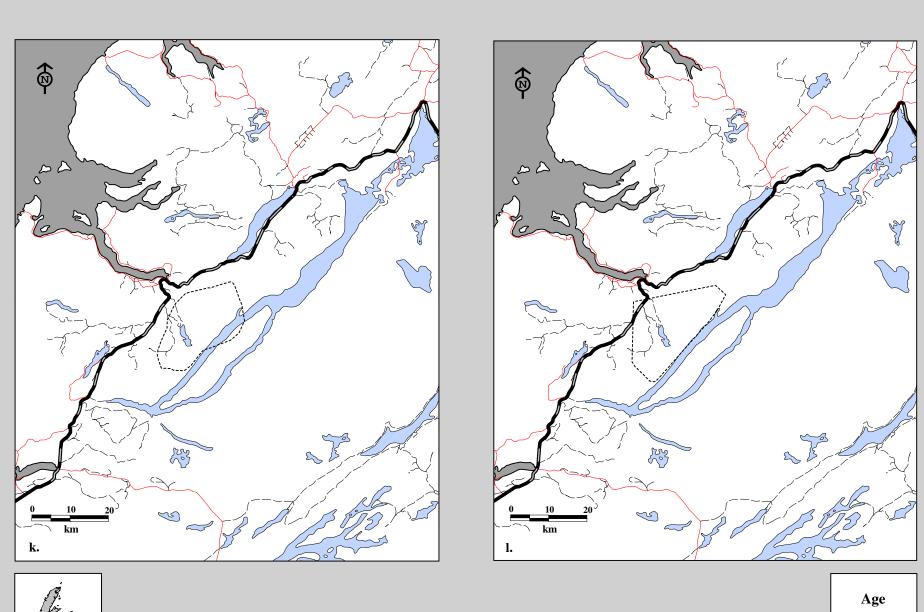




Fig. 6C-14. Corner Brook Lakes Caribou Herd radio telemetry locations by female, 1994-97. k. Fall home ranges using 75% harmonic mean 1. Fall home ranges using 95% minimum convex polygon.

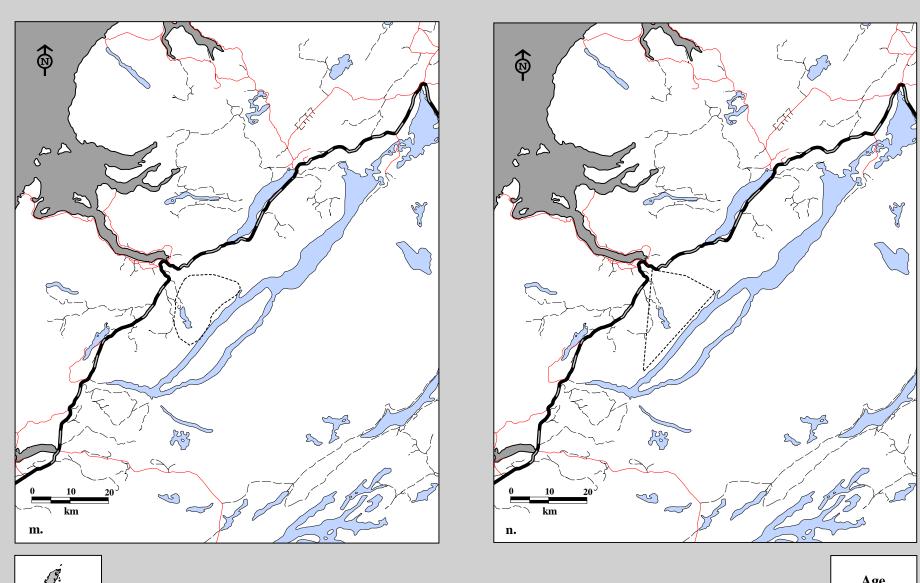




Fig. 6C-14. Corner Brook Lakes Caribou Herd radio telemetry locations by male, 1994-97. m. Fall home ranges using 75% harmonic mean n. Fall home ranges using 95% minimum convex polygon.

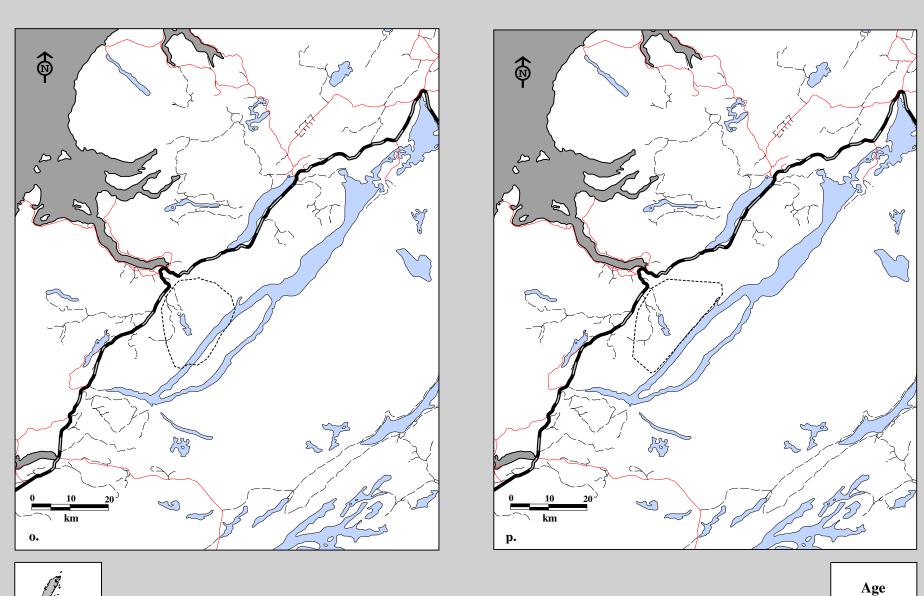
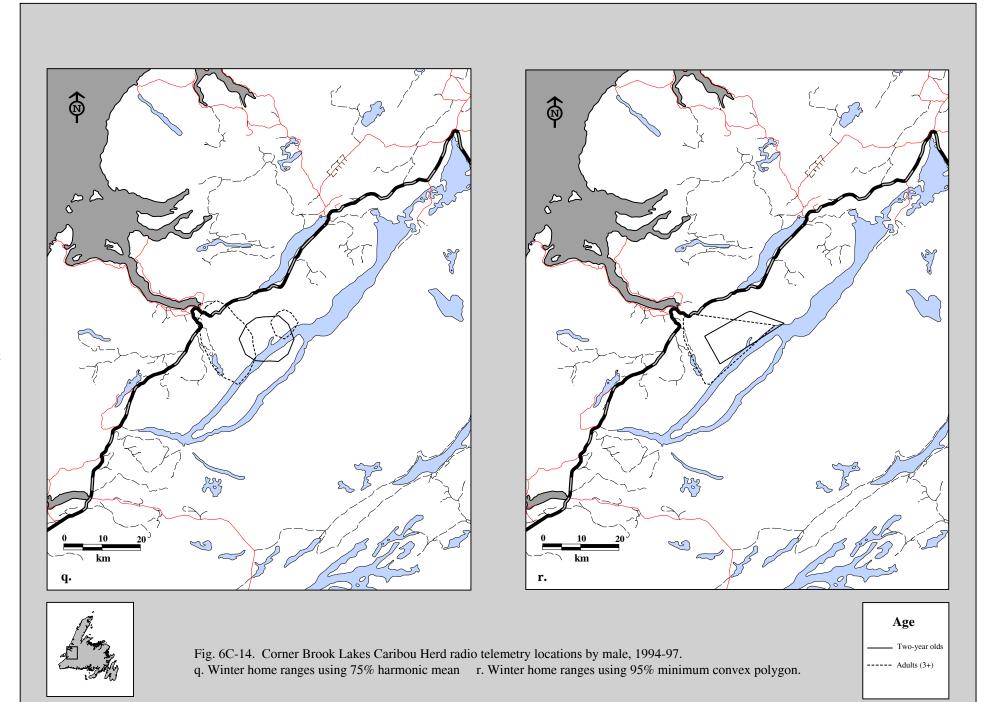
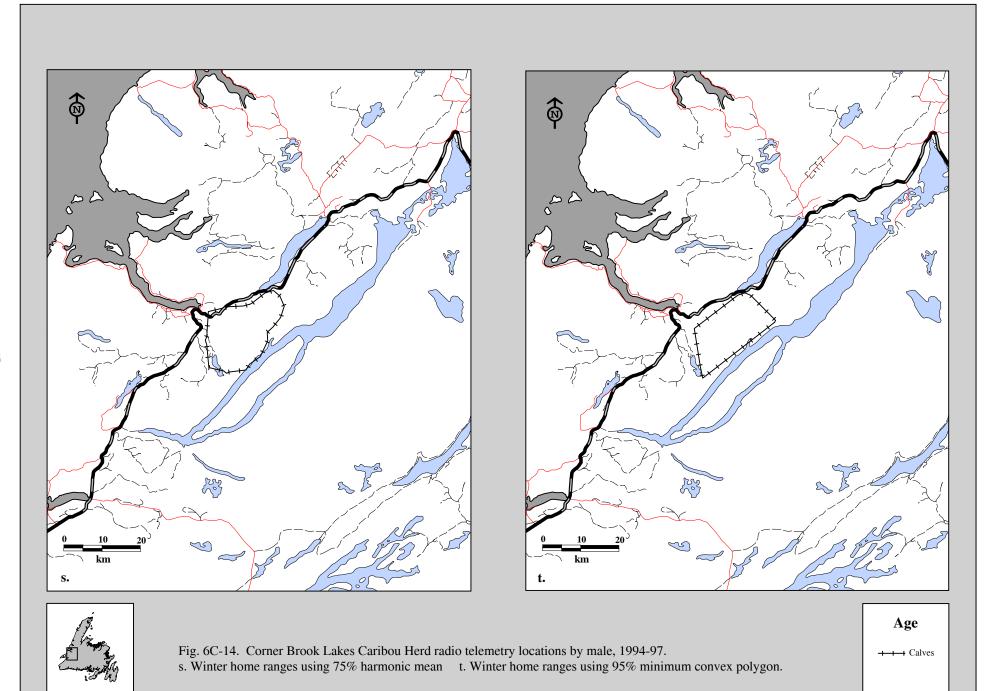
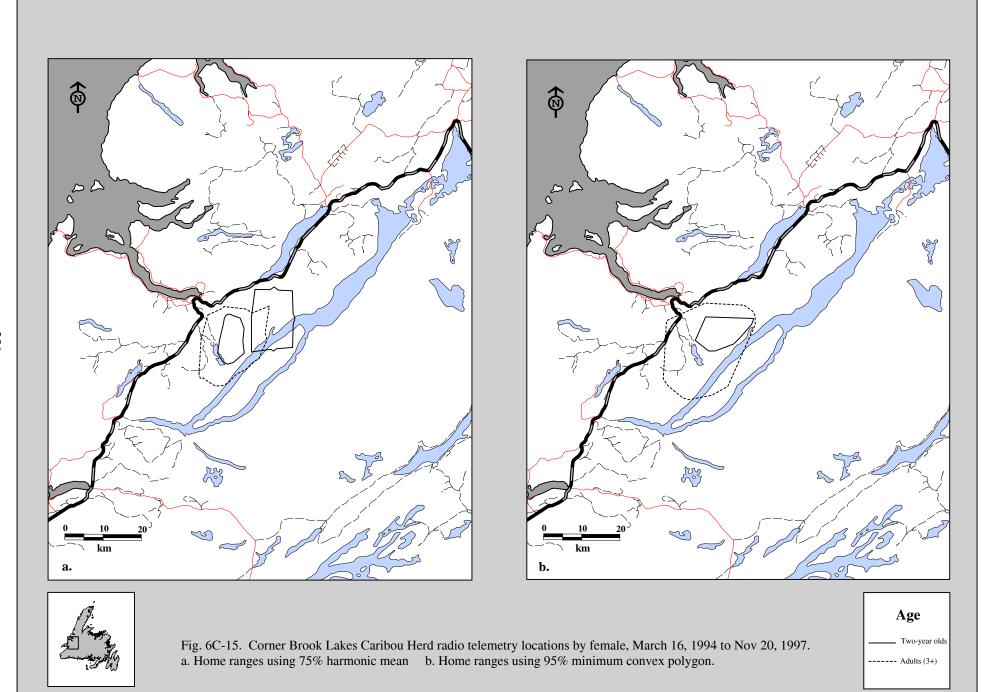


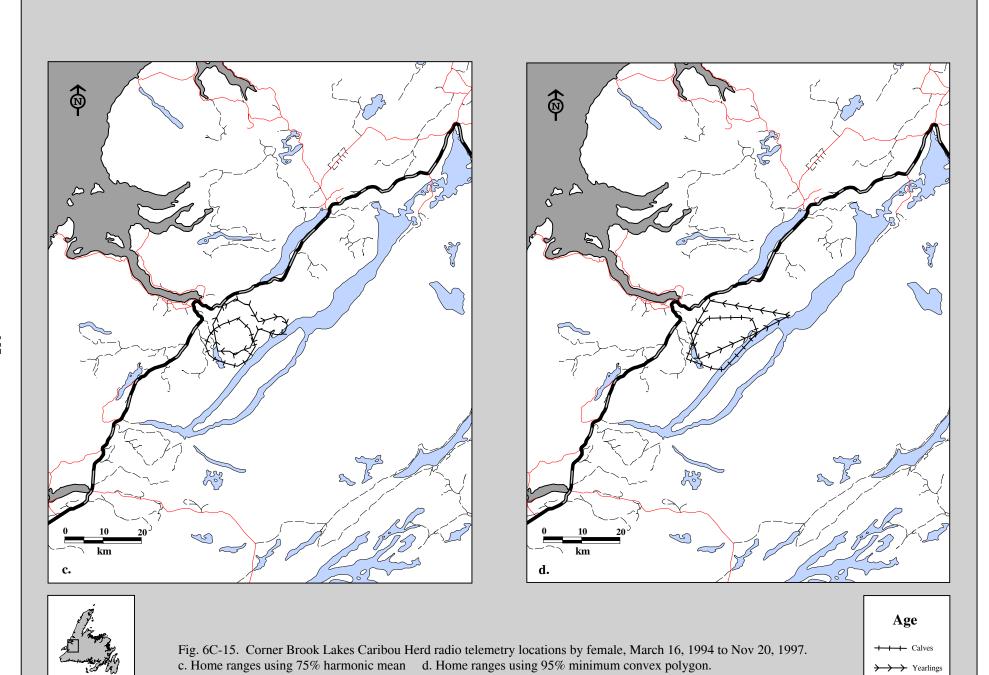
Fig. 6C-14. Corner Brook Lakes Caribou Herd radio telemetry locations by female, 1994-97.

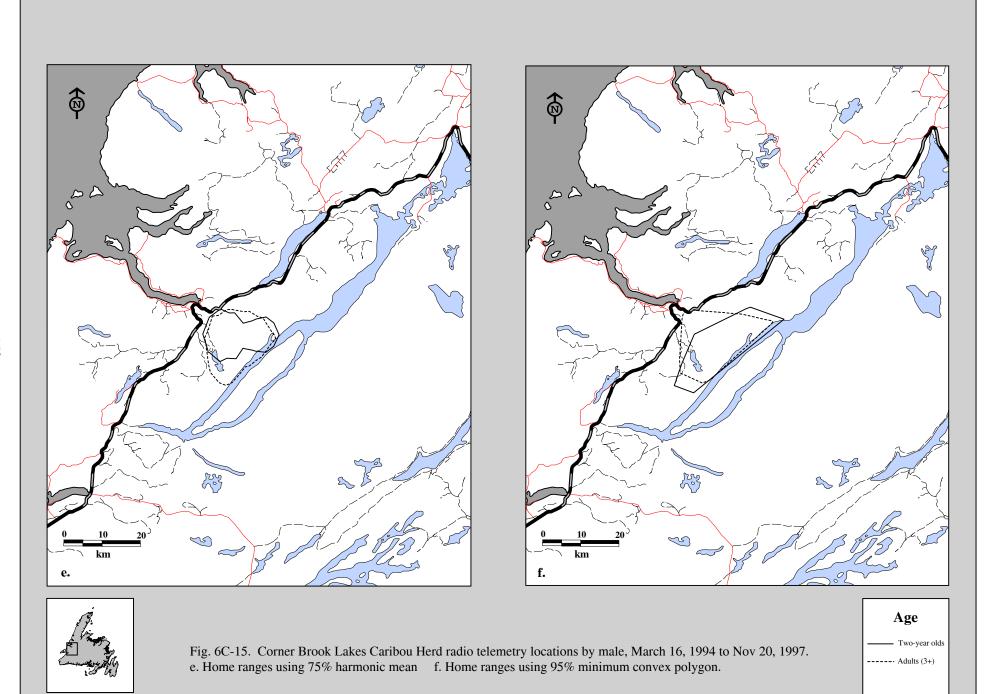
o. Winter home ranges using 75% harmonic mean p. Winter home ranges using 95% minimum convex polygon.

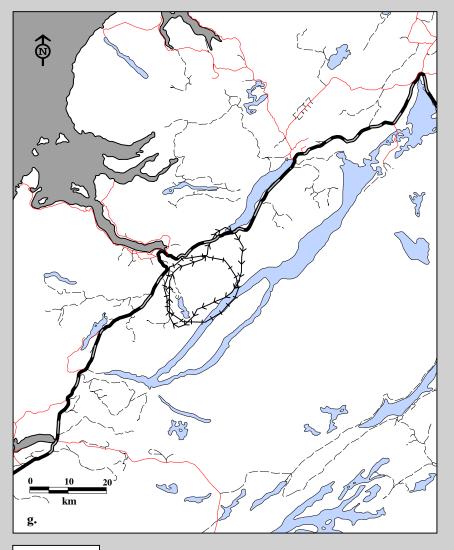












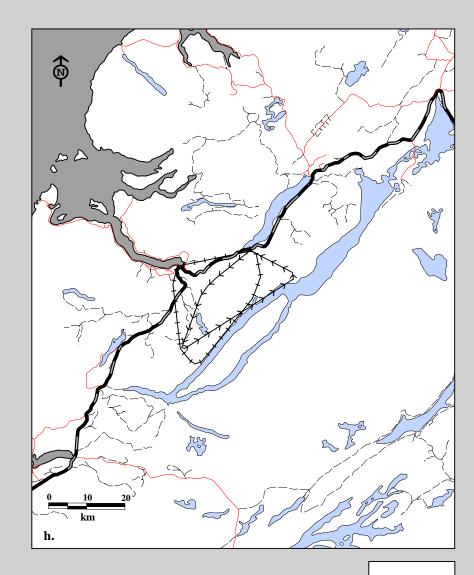
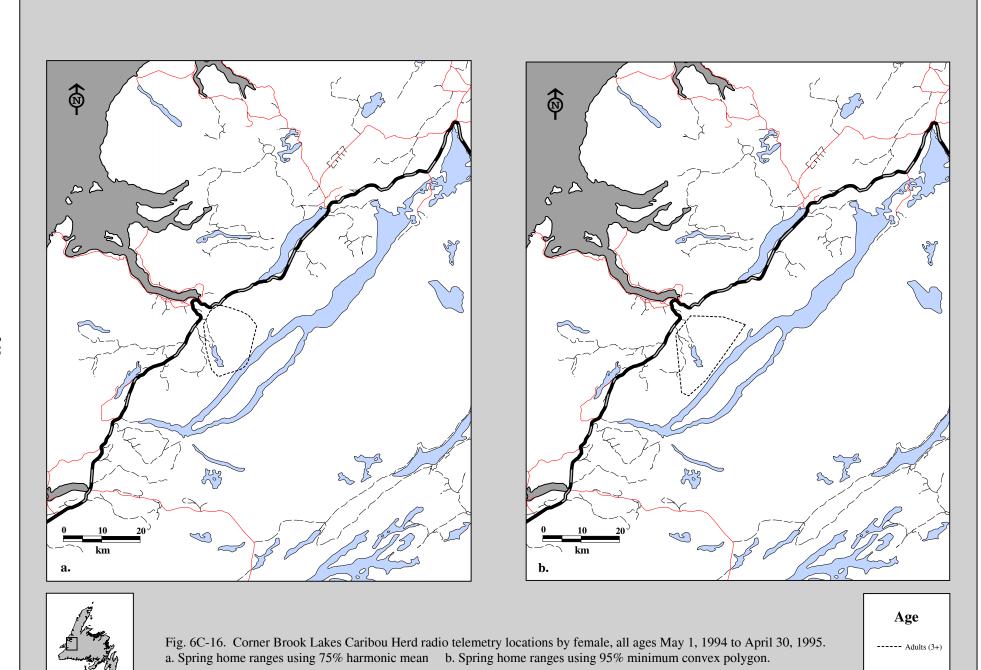




Fig. 6C-15. Corner Brook Lakes Caribou Herd radio telemetry locations by male, March 16, 1994 to Nov 20, 1997. g. Home ranges using 75% harmonic mean h. Home ranges using 95% minimum convex polygon.





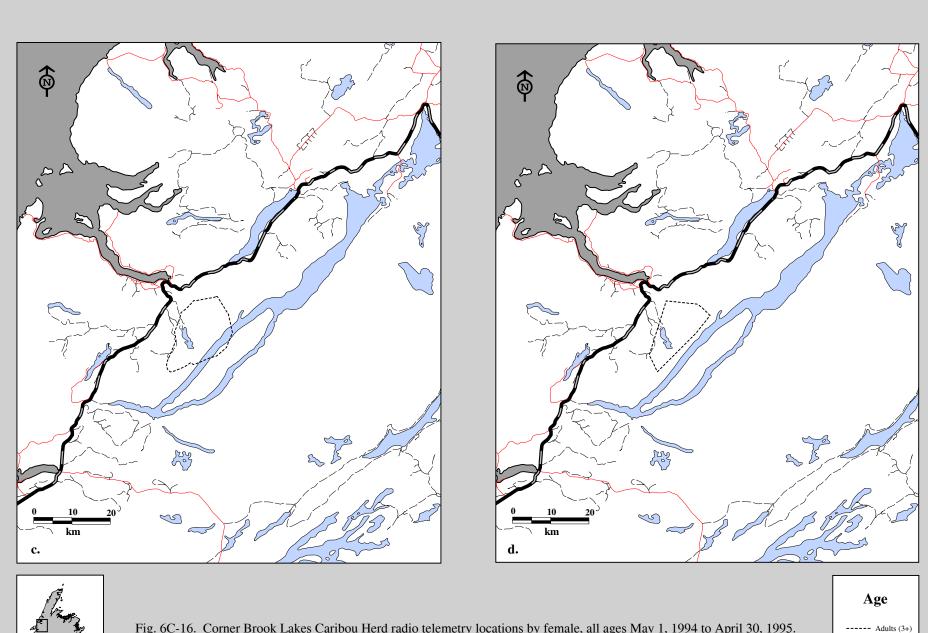
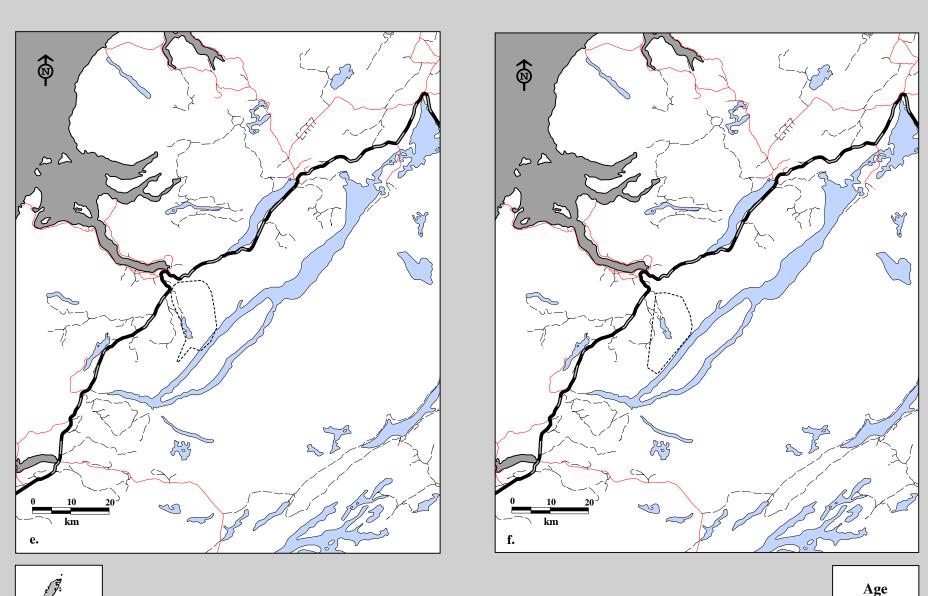
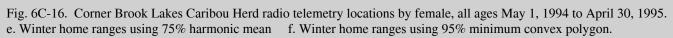
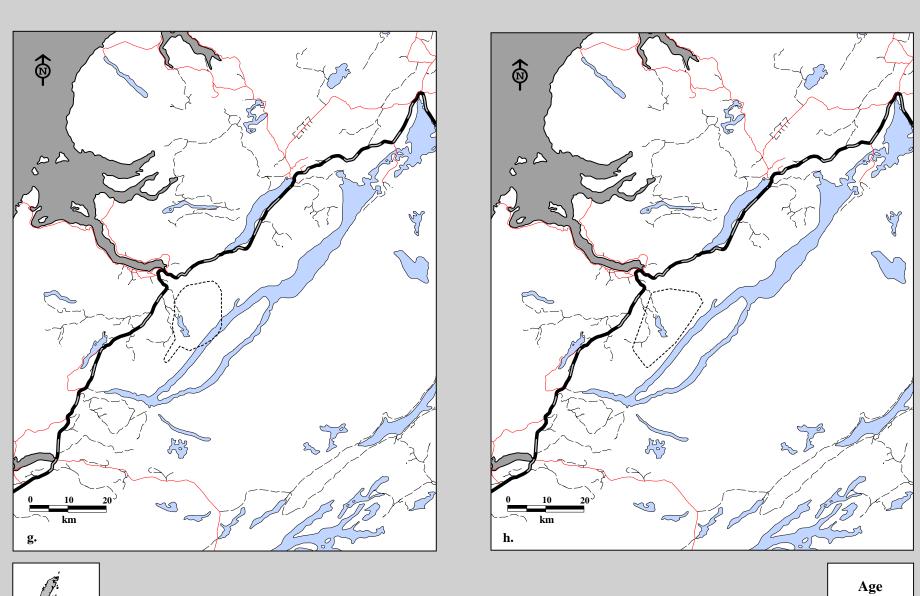
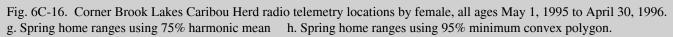


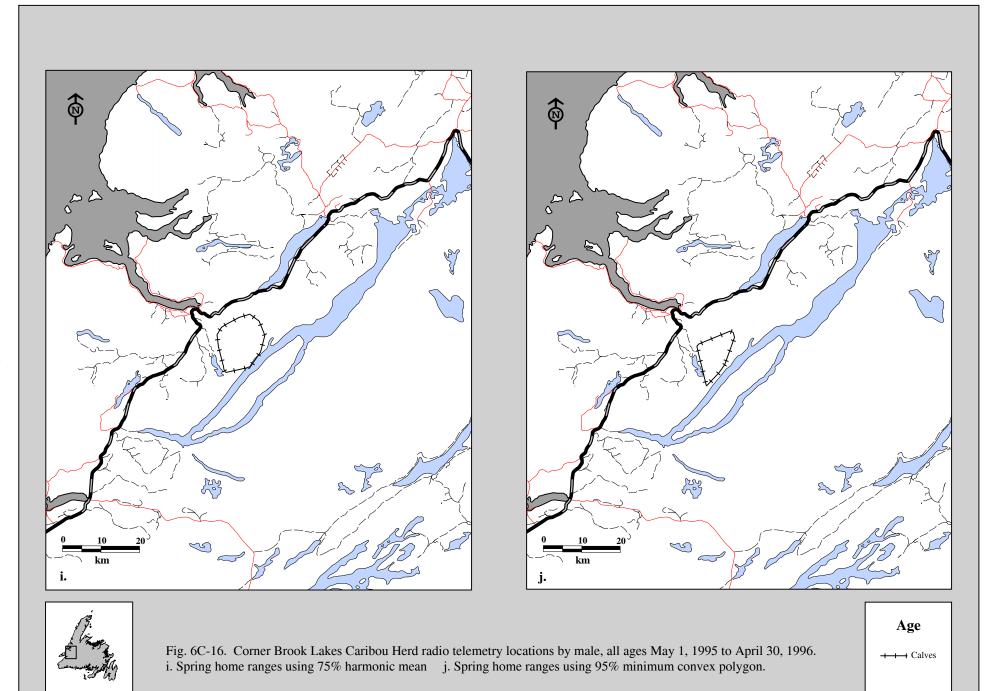
Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by female, all ages May 1, 1994 to April 30, 1995. c. Summer home ranges using 75% harmonic mean d. Summer home ranges using 95% minimum convex polygon.











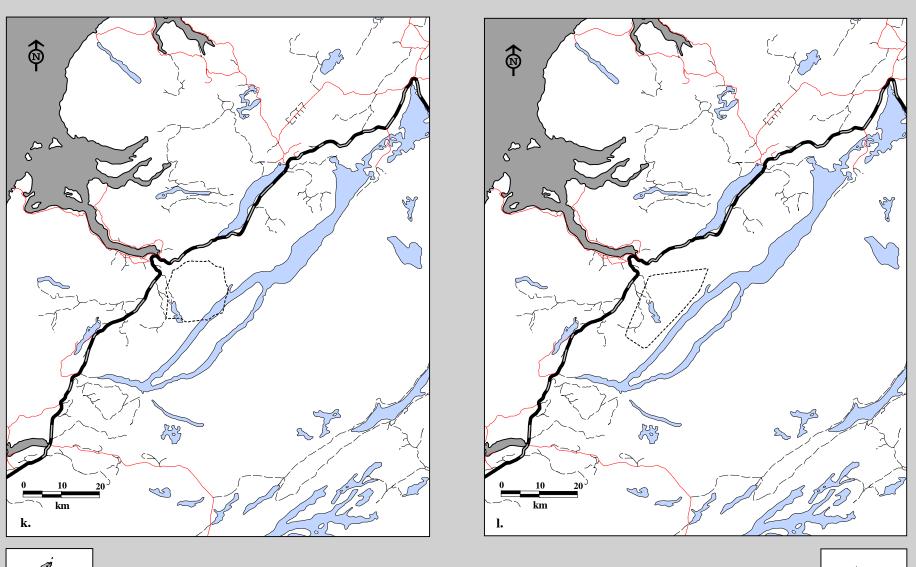




Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by female, all ages May 1, 1995 to April 30, 1996. k. Summer home ranges using 75% harmonic mean 1. Summer home ranges using 95% minimum convex polygon.

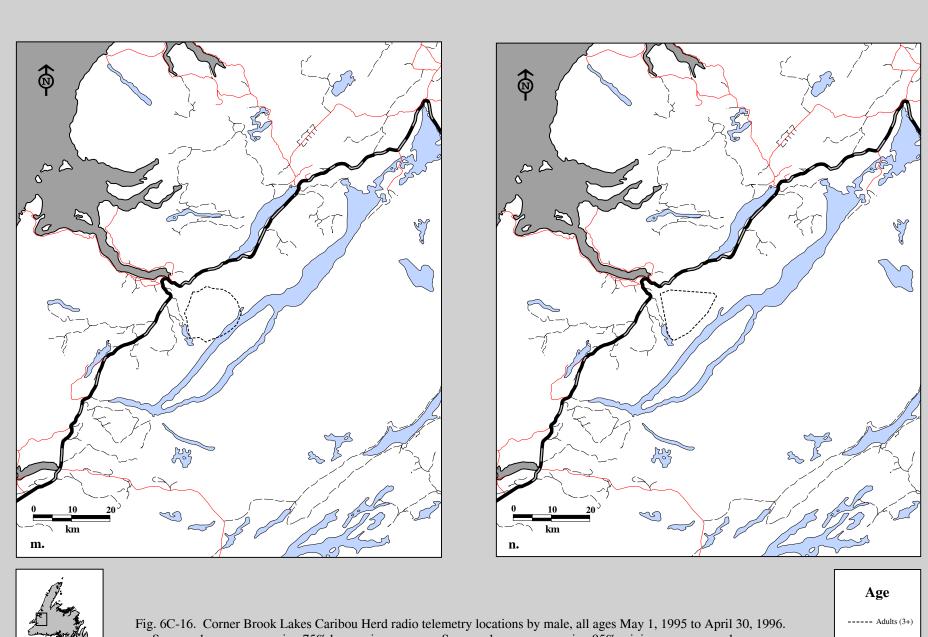
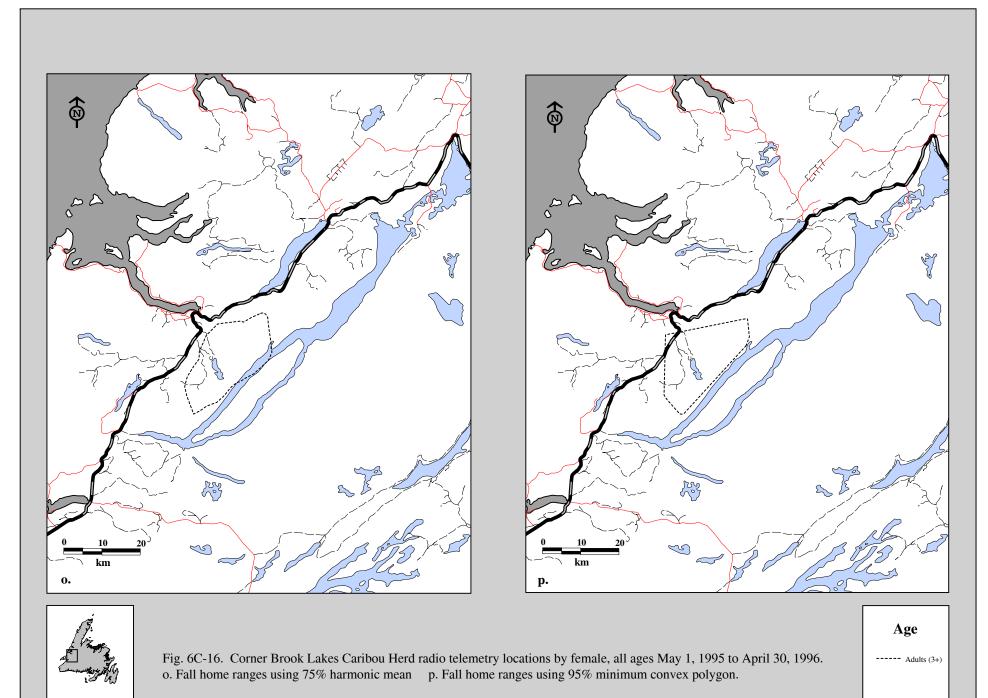


Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by male, all ages May 1, 1995 to April 30, 1996. m. Summer home ranges using 75% harmonic mean n. Summer home ranges using 95% minimum convex polygon.



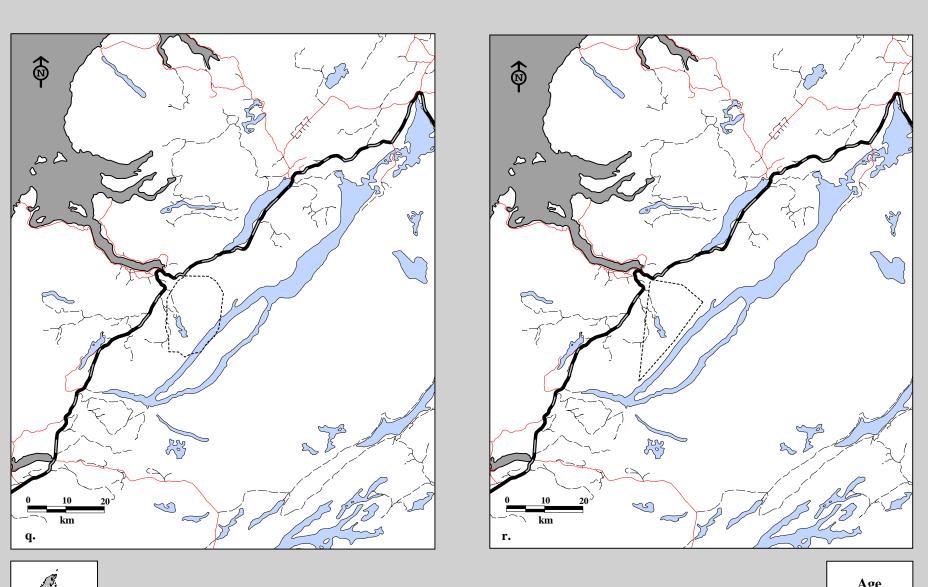




Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by male, all ages May 1, 1995 to April 30, 1996. q. Fall home ranges using 75% harmonic mean r. Fall home ranges using 95% minimum convex polygon.

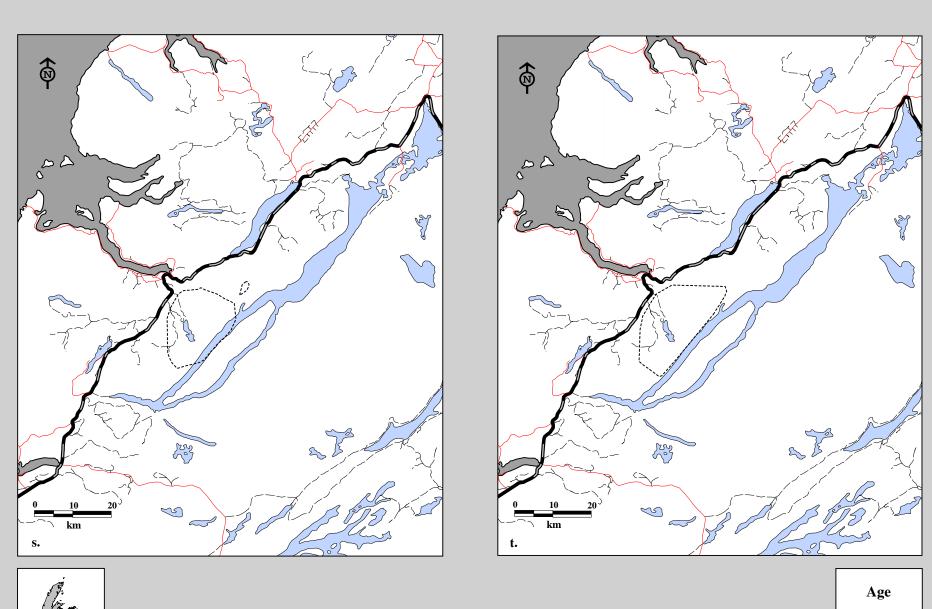
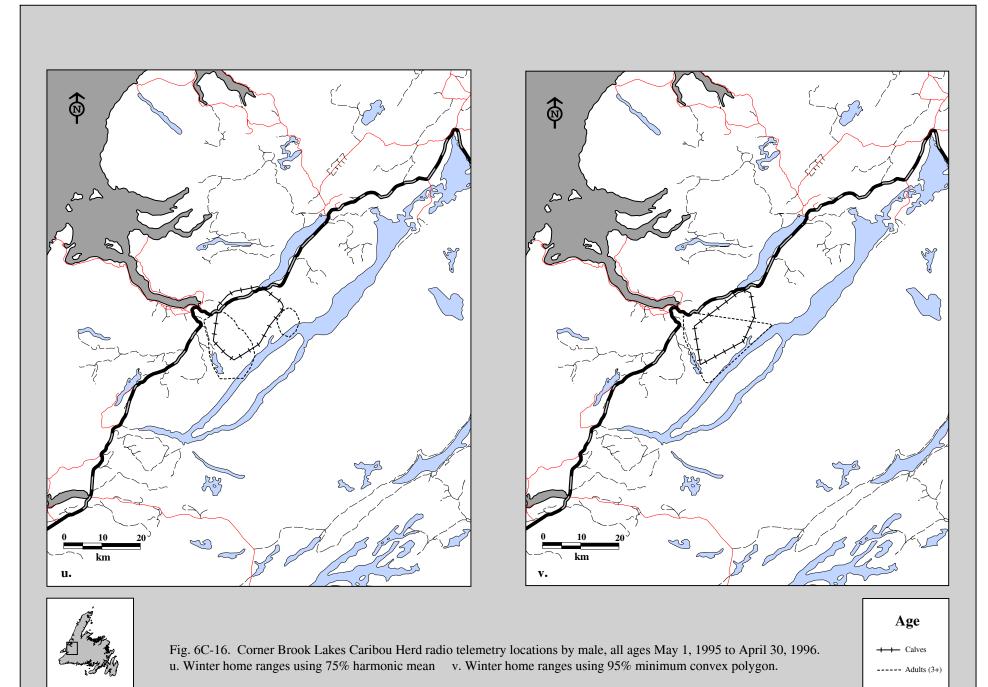


Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by female, all ages May 1, 1995 to April 30, 1996. s. Winter home ranges using 75% harmonic mean t. Winter home ranges using 95% minimum convex polygon.



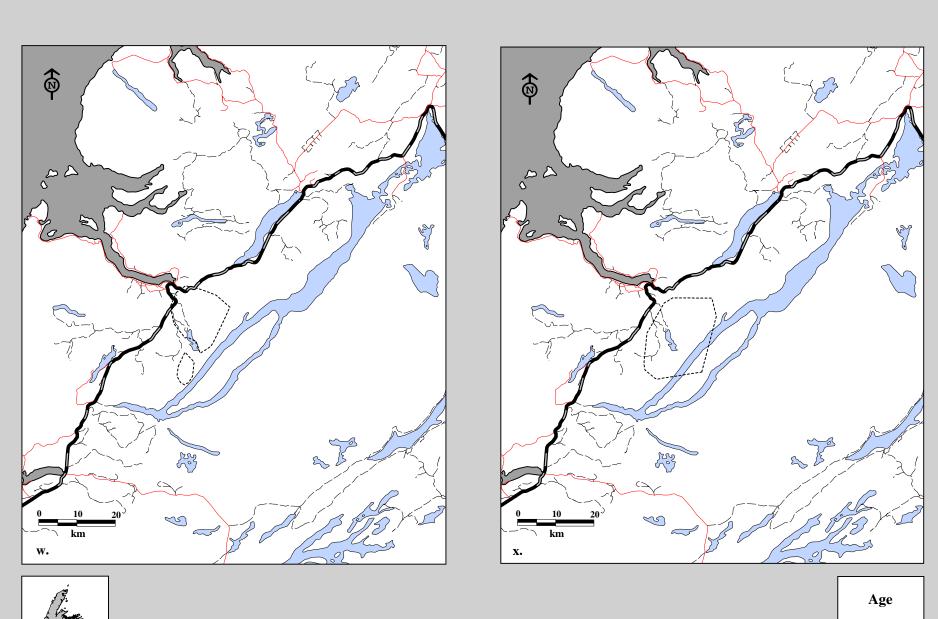


Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by female, all ages May 1, 1996 to April 30, 1997. w. Spring home ranges using 75% harmonic mean x. Spring home ranges using 95% minimum convex polygon.

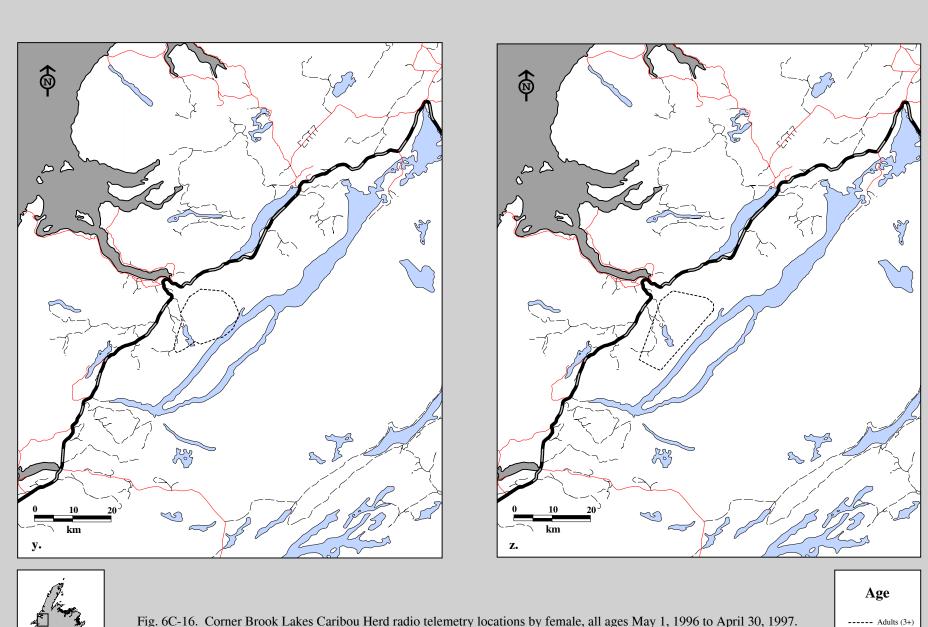


Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by female, all ages May 1, 1996 to April 30, 1997. y. Summer home ranges using 75% harmonic mean z. Summer home ranges using 95% minimum convex polygon.

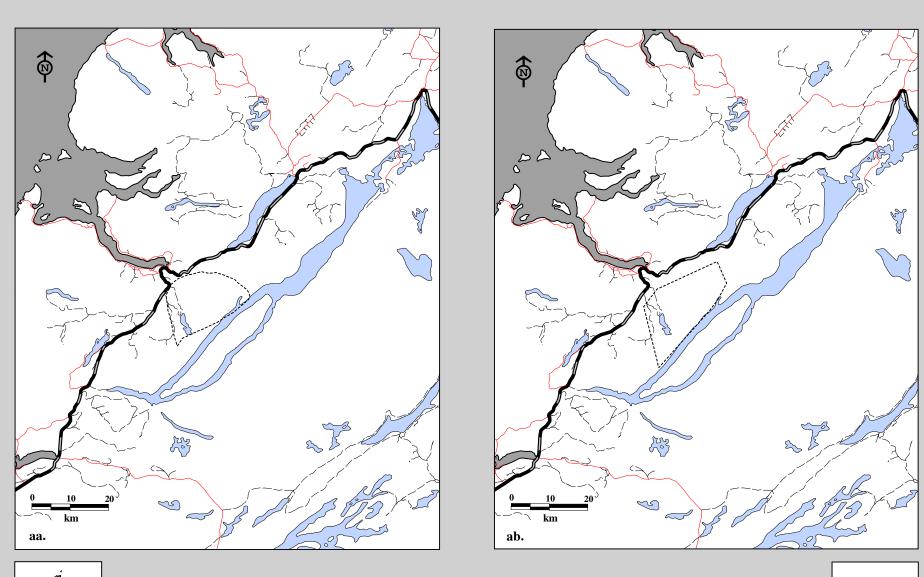




Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by female, all ages May 1, 1996 to April 30, 1997. aa. Fall home ranges using 75% harmonic mean ab. Fall home ranges using 95% minimum convex polygon.

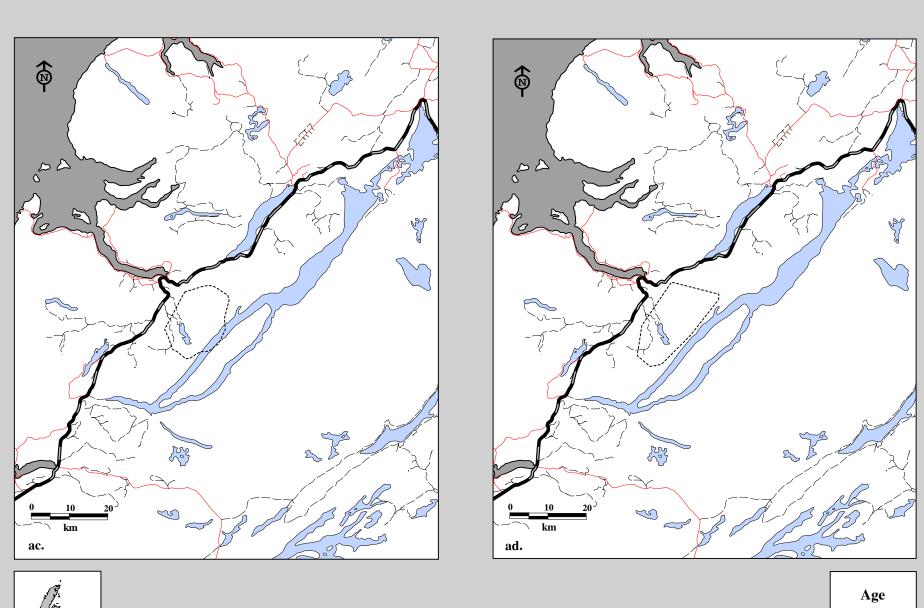
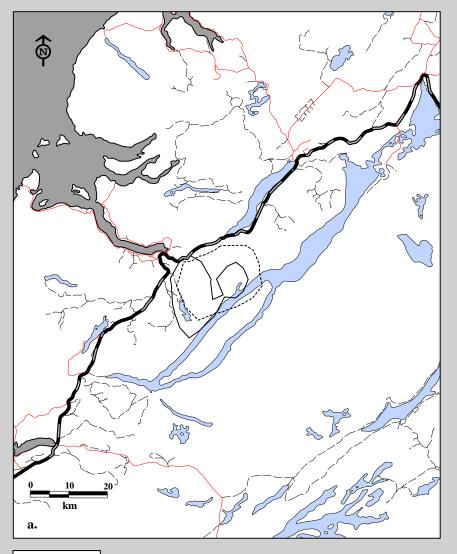


Fig. 6C-16. Corner Brook Lakes Caribou Herd radio telemetry locations by female, all ages May 1, 1997 to Nov 20, 1997. ac. Spring home ranges using 75% harmonic mean ad. Spring home ranges using 95% minimum convex polygon.



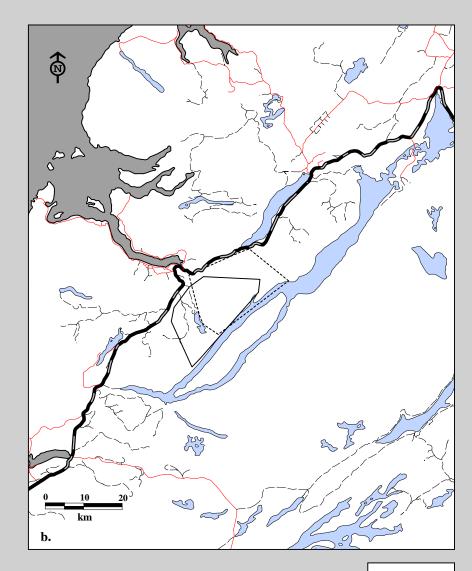
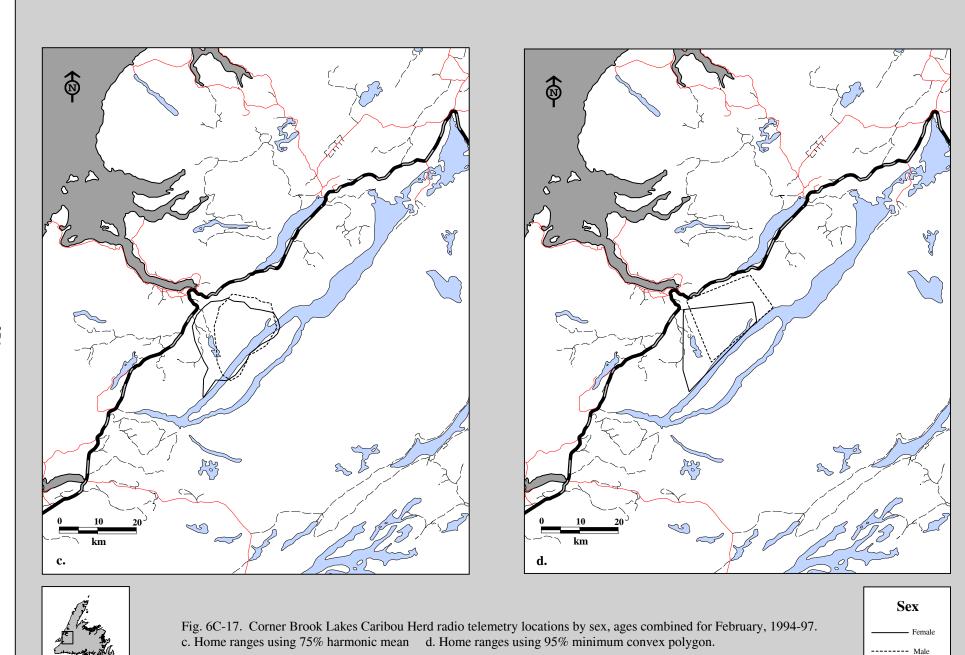
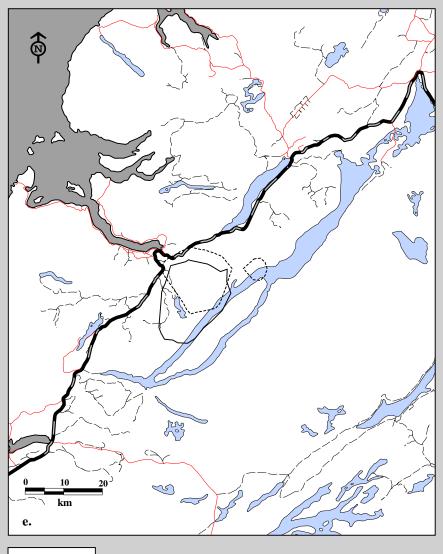




Fig. 6C-17. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined for January, 1994-97. a. Home ranges using 75% harmonic mean b. Home ranges using 95% minimum convex polygon.







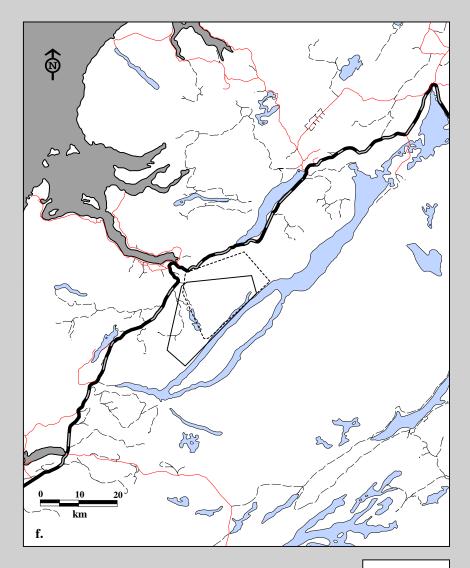




Fig. 6C-17. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined for March, 1994-97. e. Home ranges using 75% harmonic mean f. Home ranges using 95% minimum convex polygon.



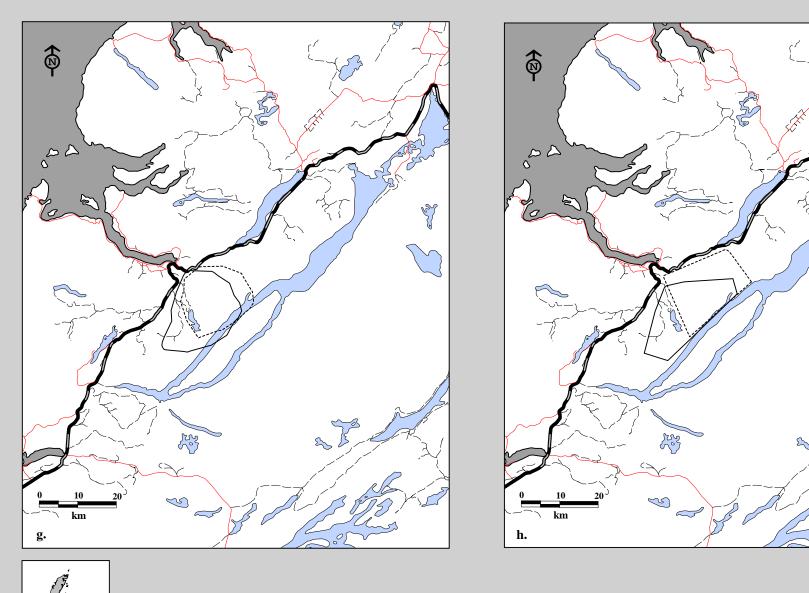
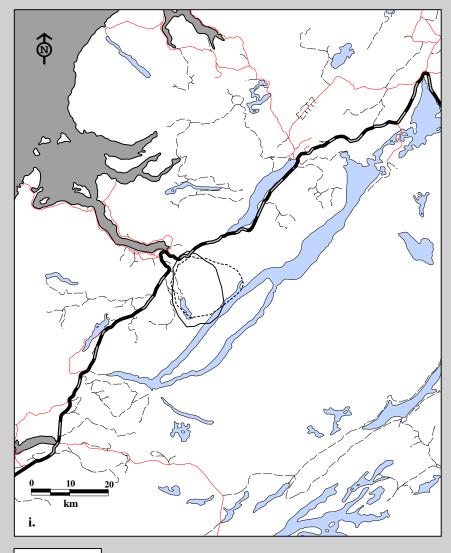


Fig. 6C-17. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined for April, 1994-97. g. Home ranges using 75% harmonic mean h. Home ranges using 95% minimum convex polygon.





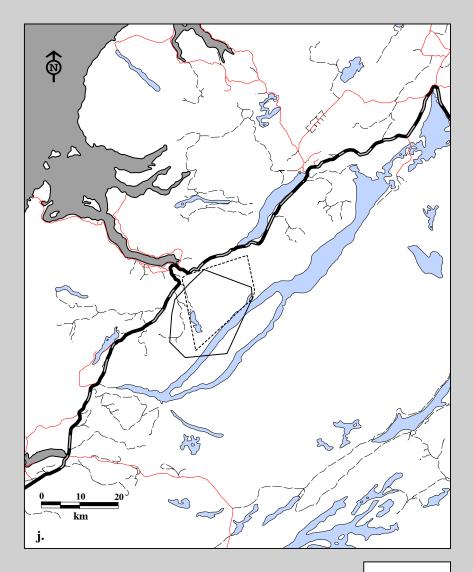
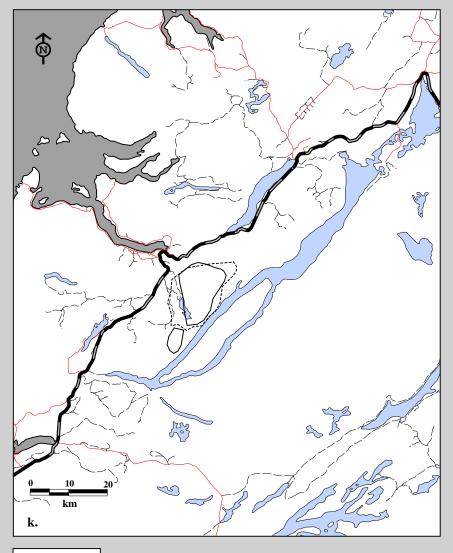




Fig. 6C-17. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined for May, 1994-97. i. Home ranges using 75% harmonic mean j. Home ranges using 95% minimum convex polygon.





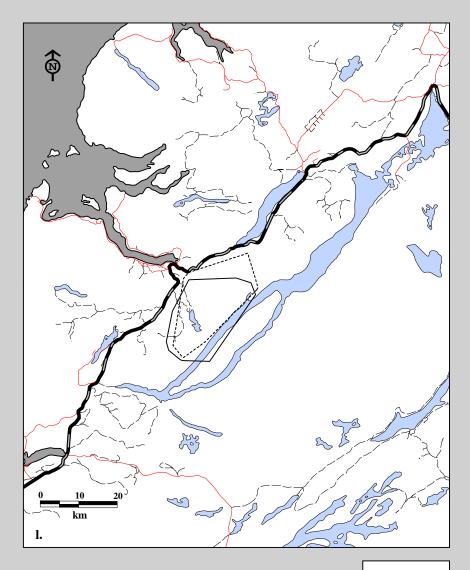
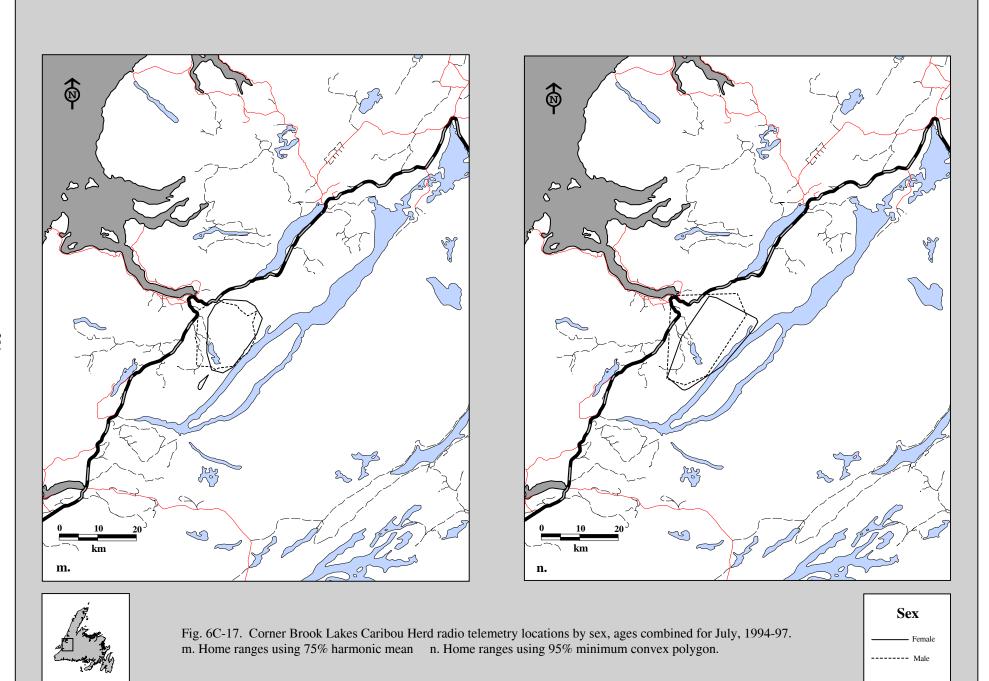
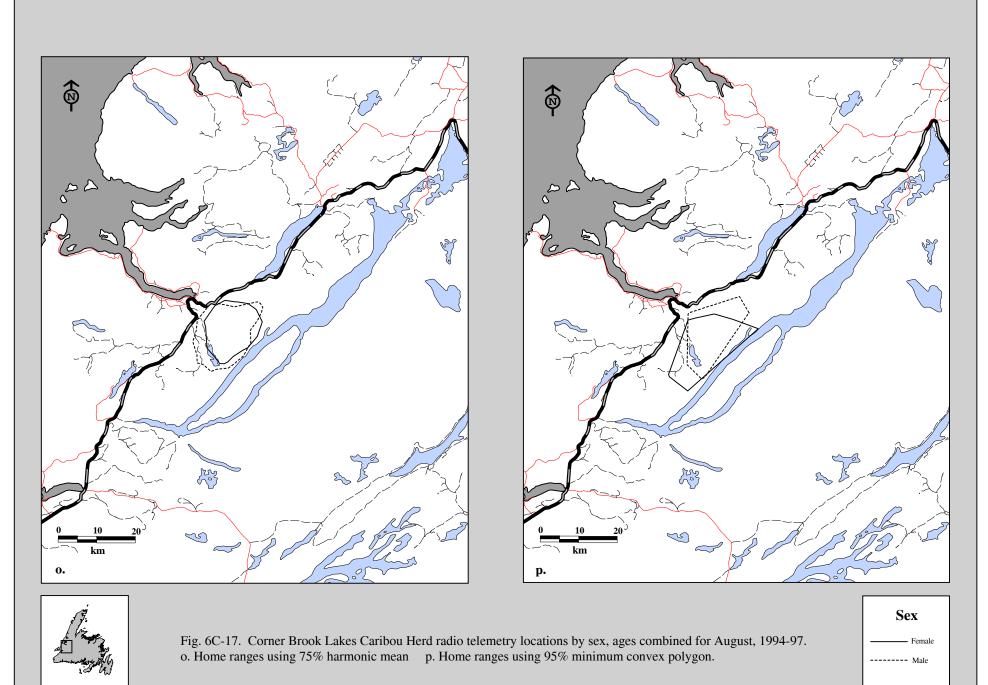


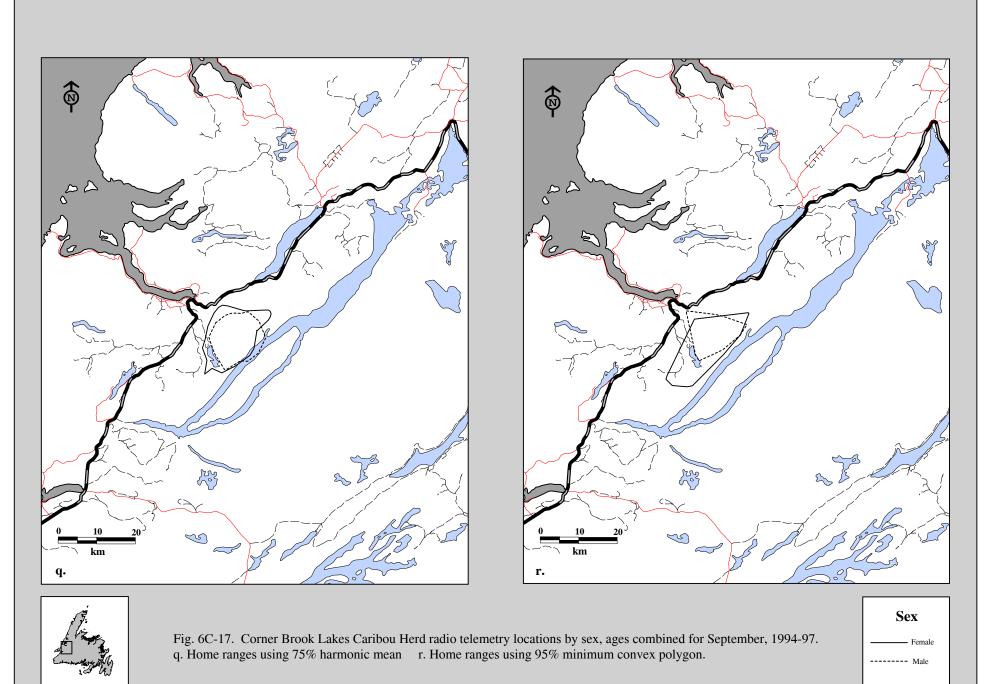


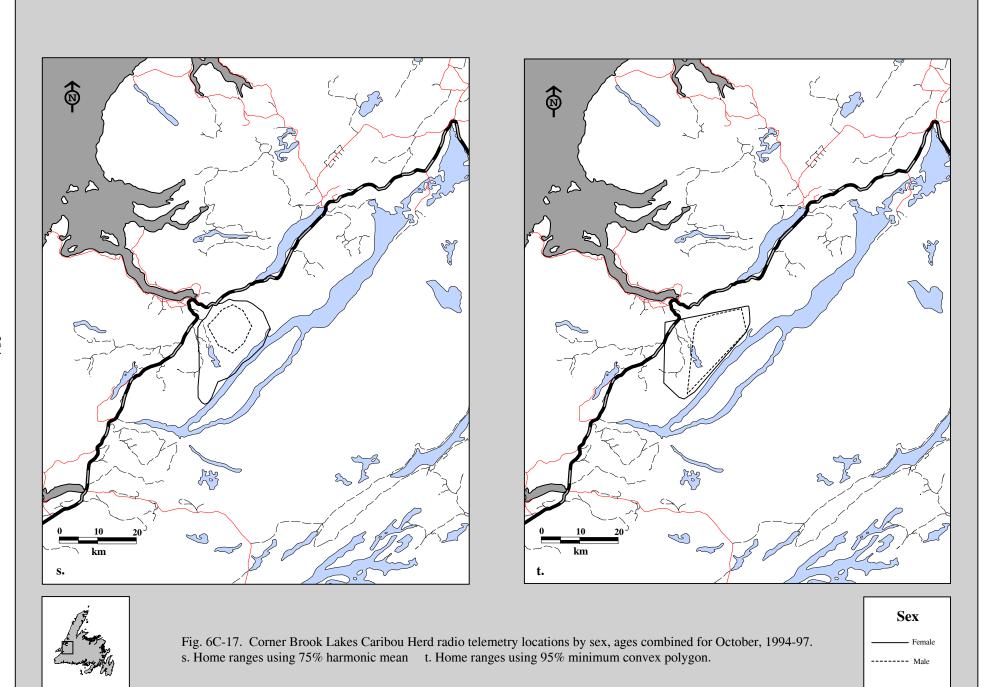
Fig. 6C-17. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined for June, 1994-97. k. Home ranges using 75% harmonic mean 1. Home ranges using 95% minimum convex polygon.











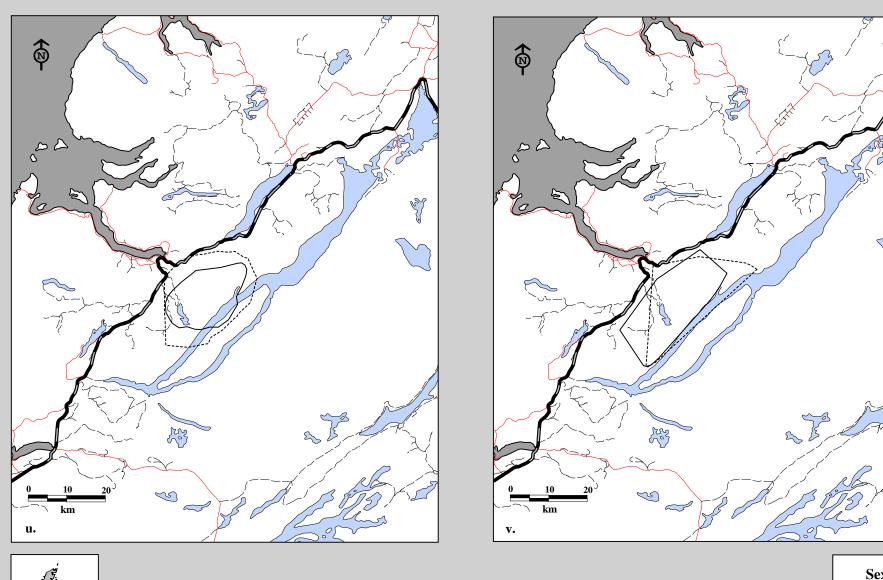


Fig. 6C-17. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined for November, 1994-97. u. Home ranges using 75% harmonic mean v. Home ranges using 95% minimum convex polygon.

Sex
----- Female
----- Male

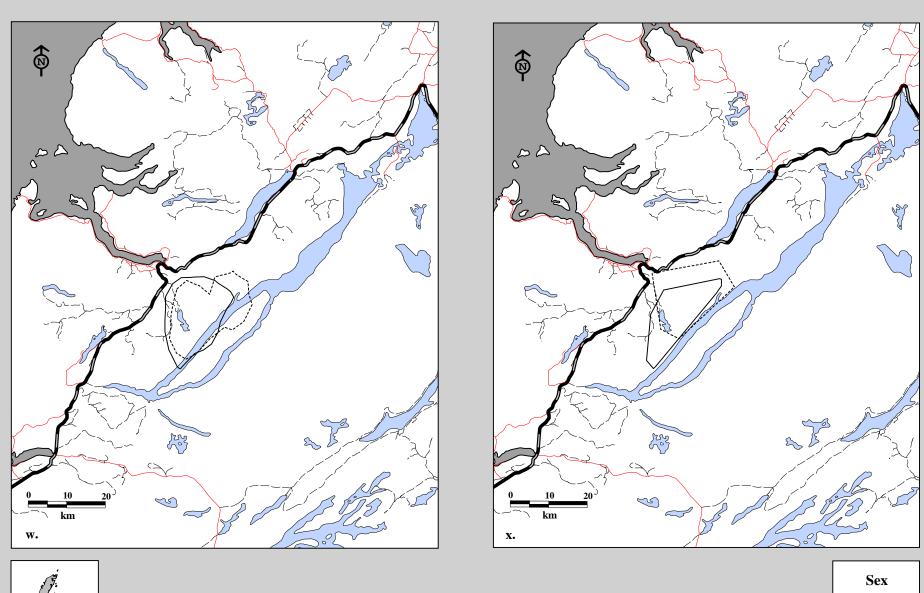
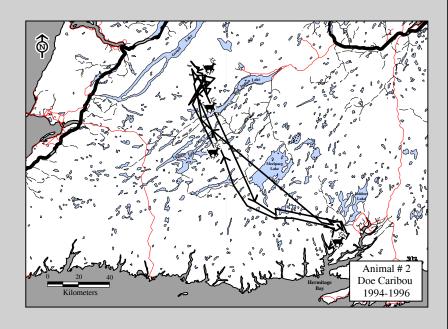
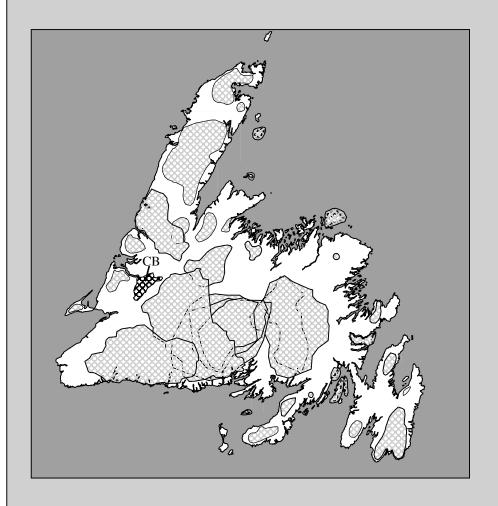


Fig. 6C-17. Corner Brook Lakes Caribou Herd radio telemetry locations by sex, ages combined for December, 1994-97. w. Home ranges using 75% harmonic mean x. Home ranges using 95% minimum convex polygon.



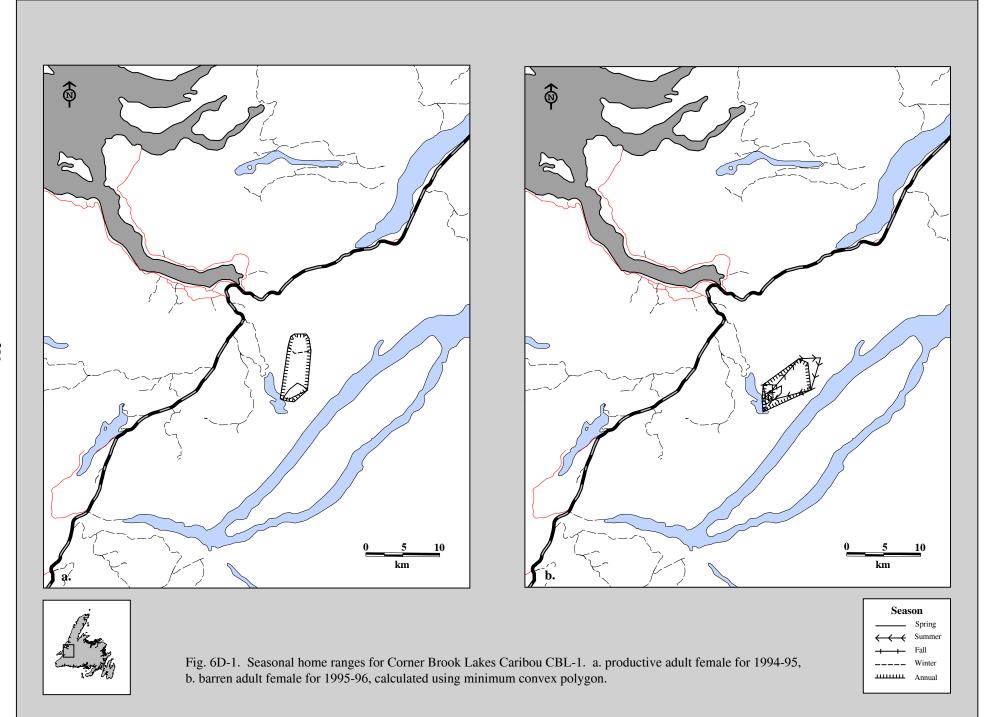
Section 6D:
Home Ranges of
Individual Animals.





## **Caribou Herd**

**Corner Brook Lakes (CB)** 



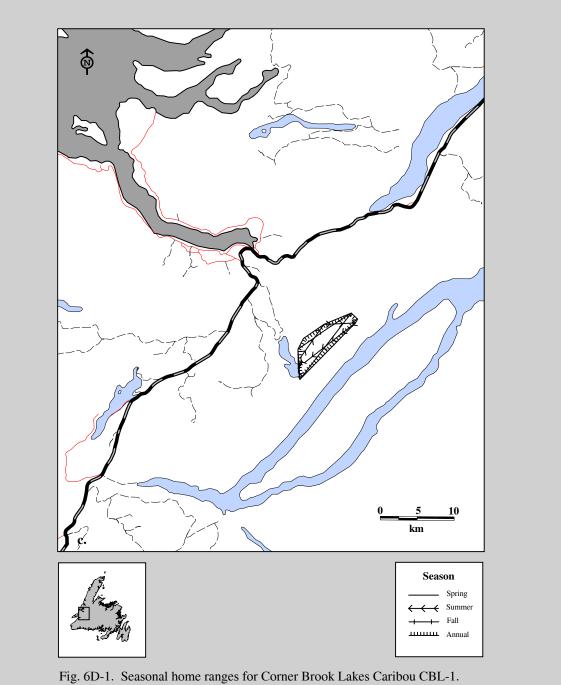
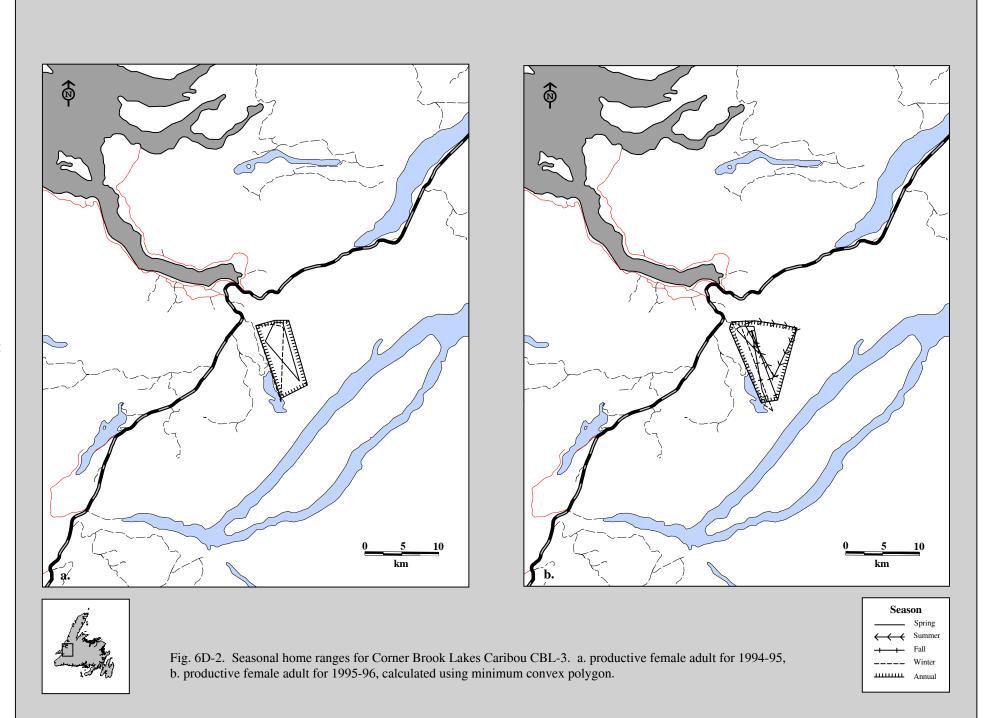
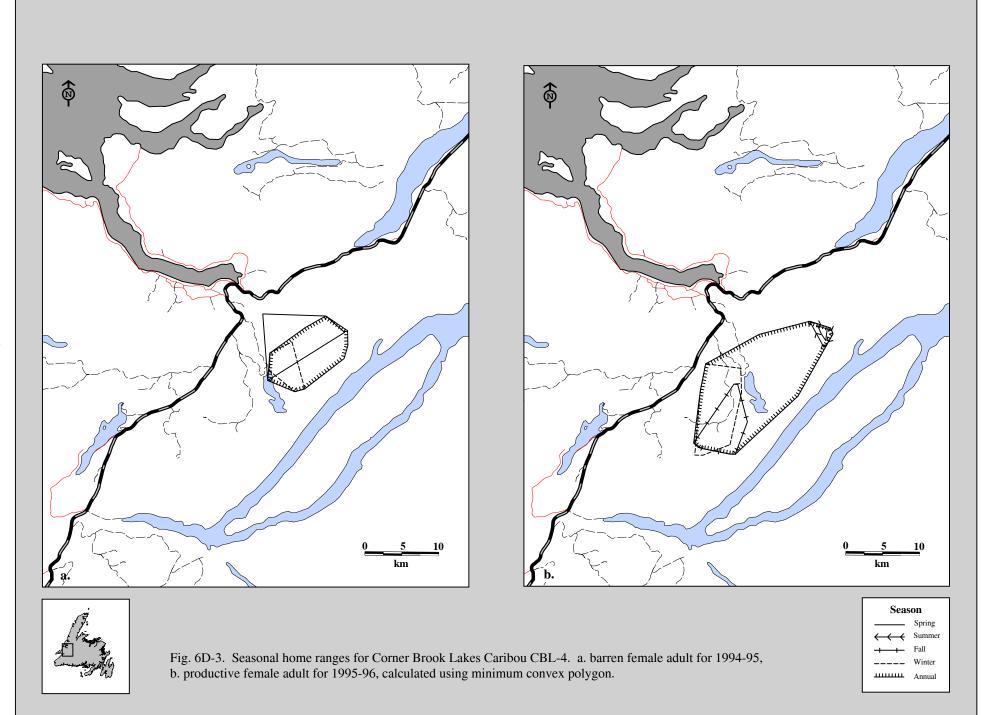


Fig. 6D-1. Seasonal home ranges for Corner Brook Lakes Caribou CBL-1. c. barren female adult for 1996-97, calculated using minimum convex polygon.





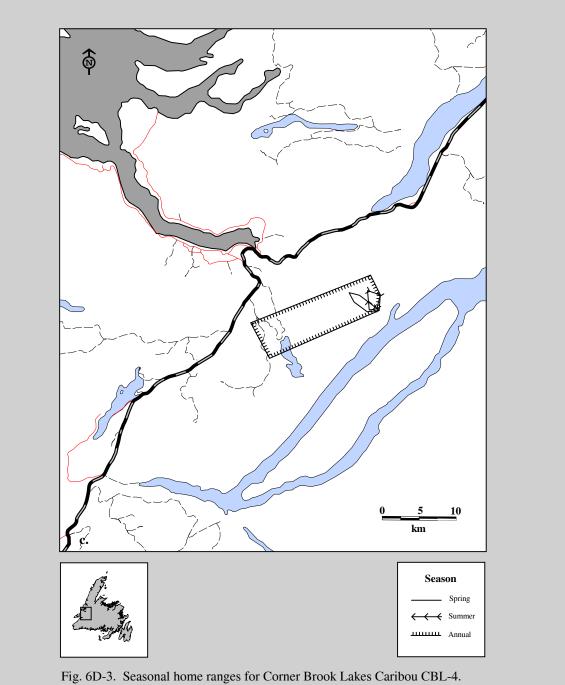
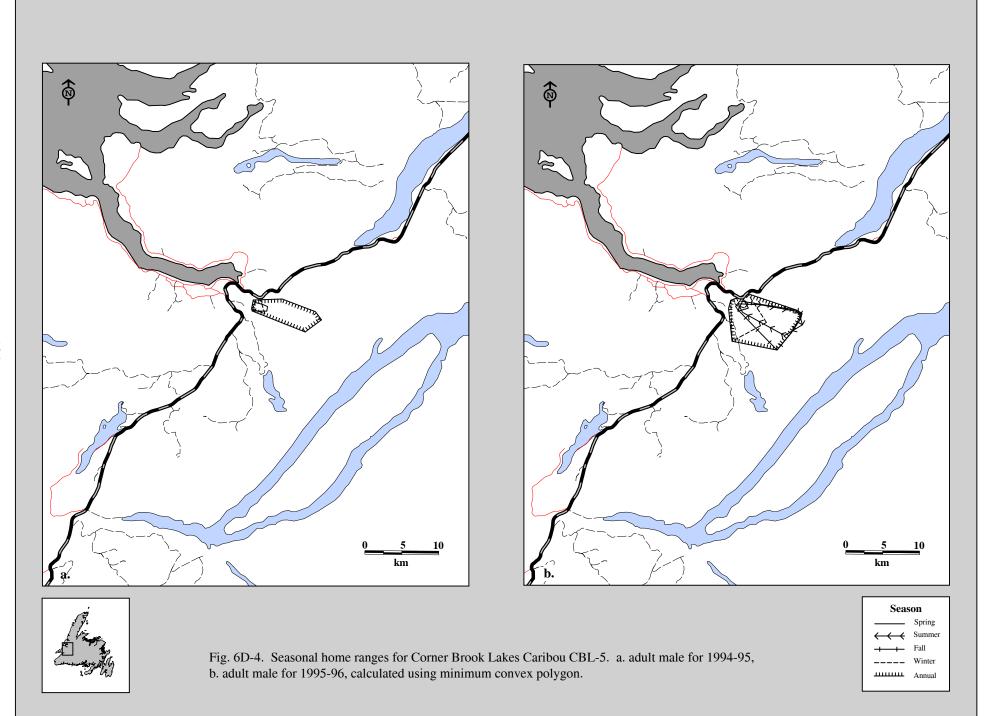


Fig. 6D-3. Seasonal home ranges for Corner Brook Lakes Caribou CBL-4. c. productive female adult for 1996-97, calculated using minimum convex polygon.



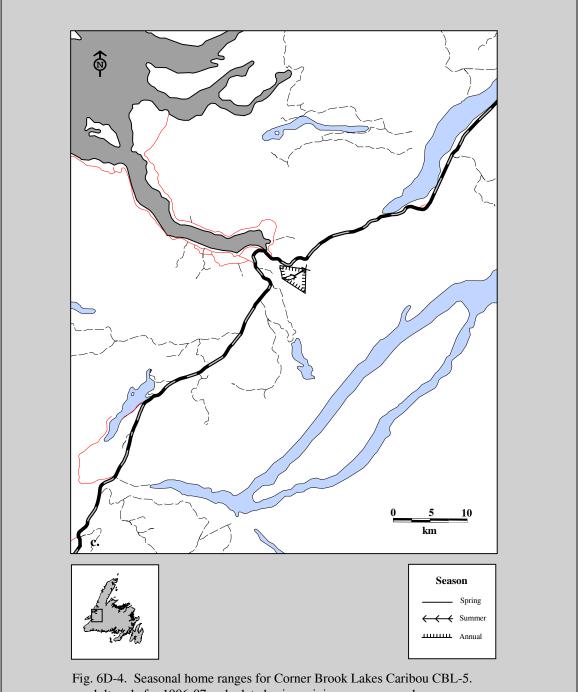
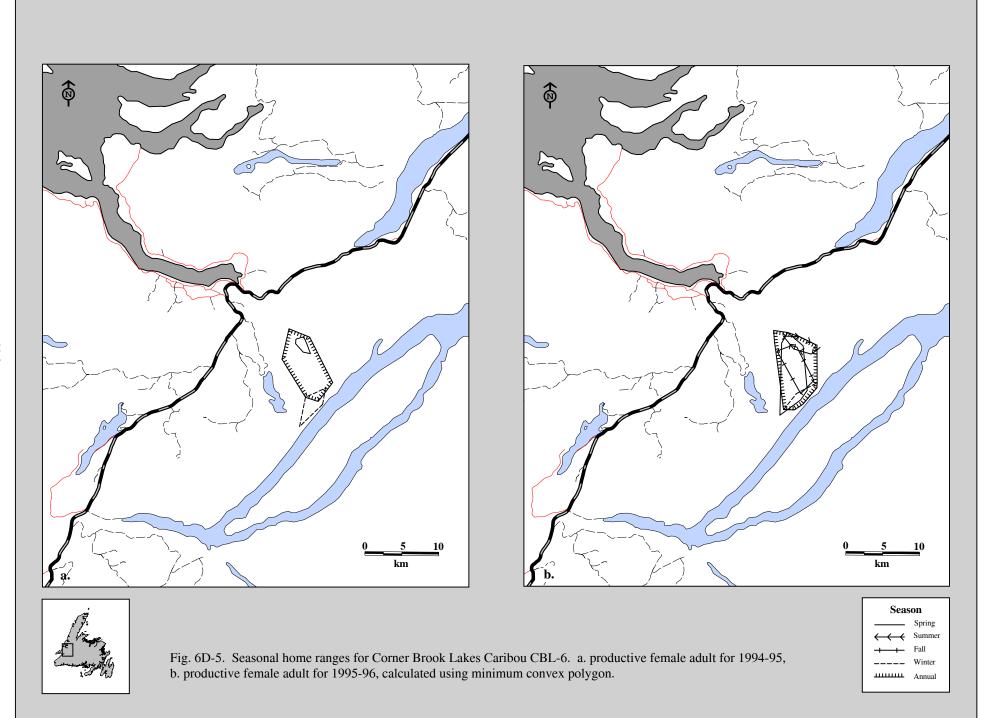
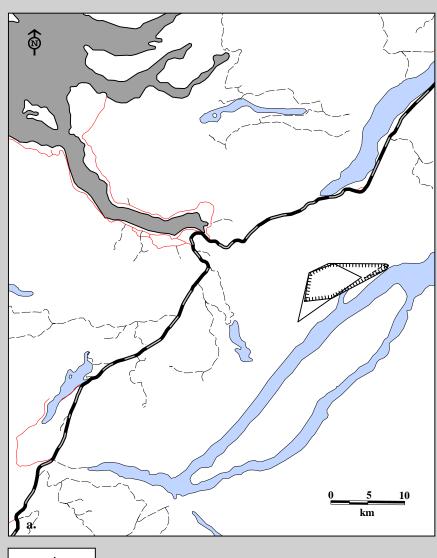


Fig. 6D-4. Seasonal home ranges for Corner Brook Lakes Caribou CBL-5. c. adult male for 1996-97, calculated using minimum convex polygon.





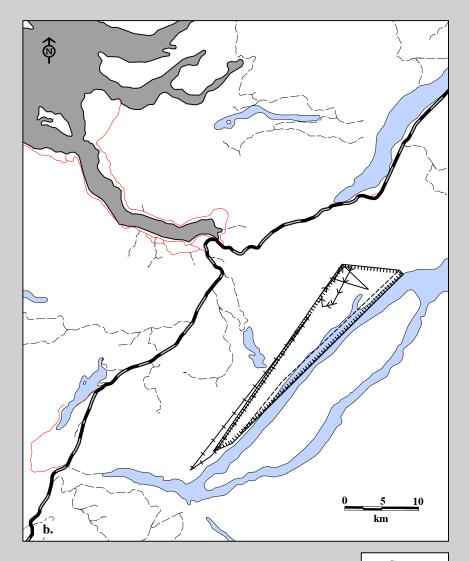




Fig. 6D-6. Seasonal home ranges for Corner Brook Lakes Caribou CBL-8. a. adult male for 1994-95, b. adult male for 1995-96, calculated using minimum convex polygon.



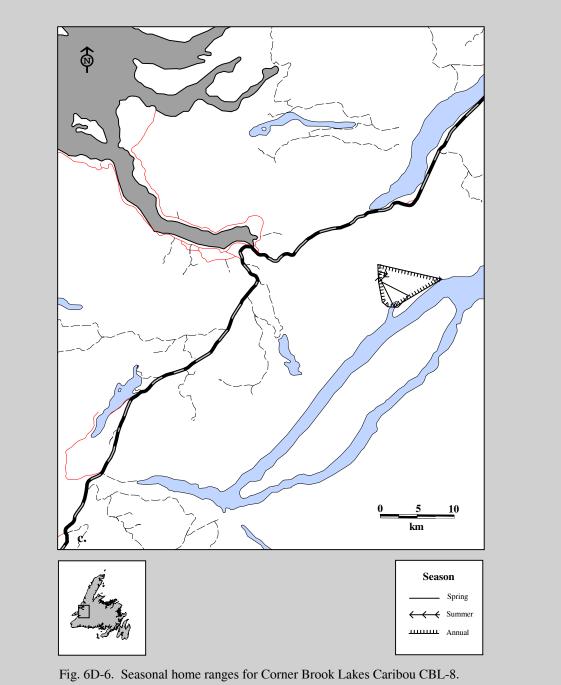
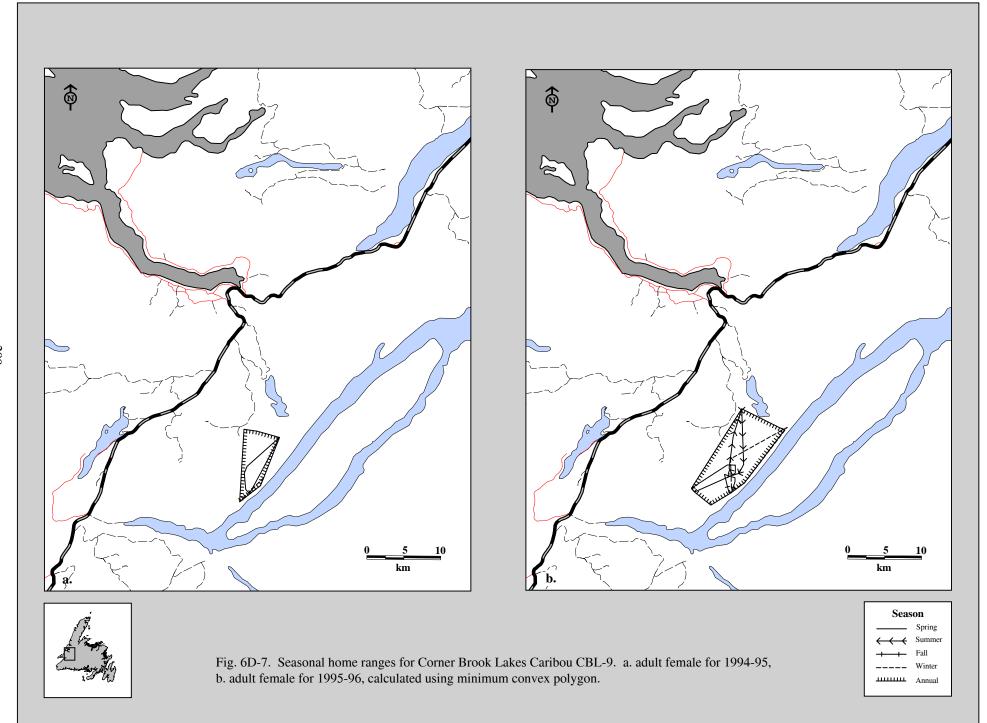
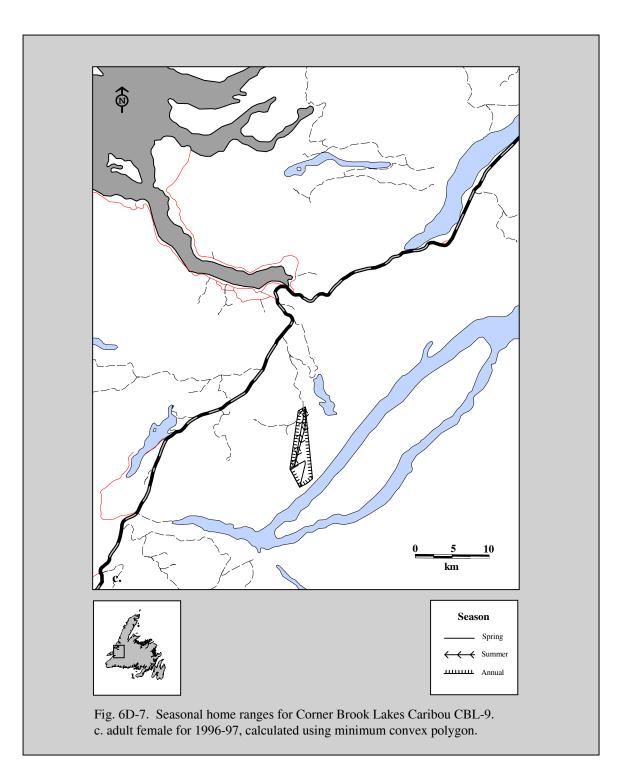
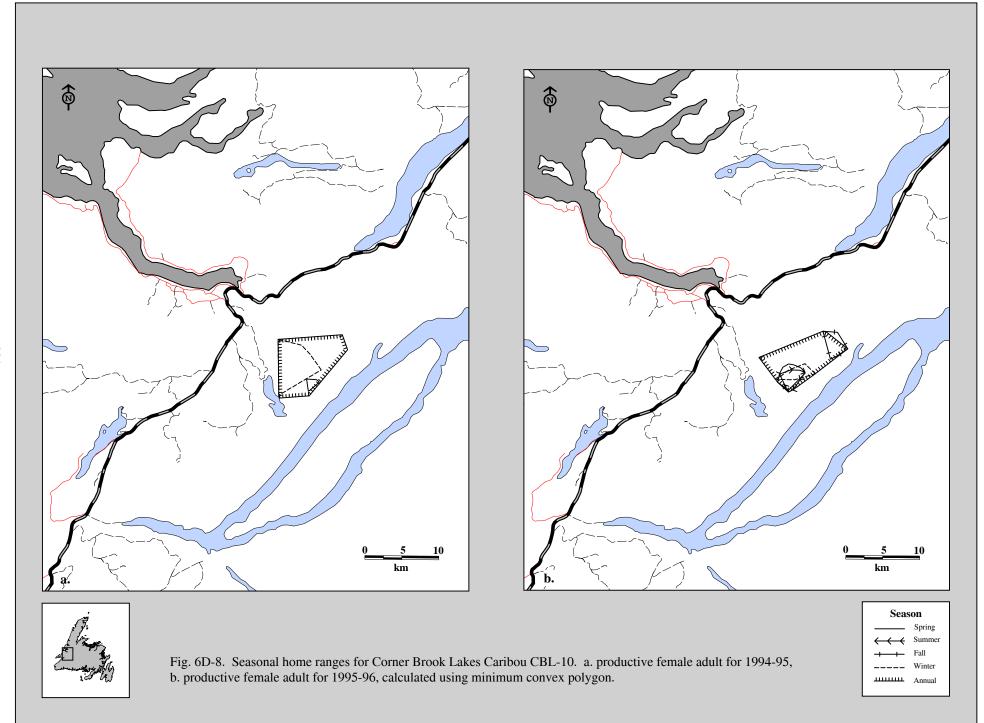


Fig. 6D-6. Seasonal home ranges for Corner Brook Lakes Caribou CBL-8. c. adult male for 1996-97, calculated using minimum convex polygon.







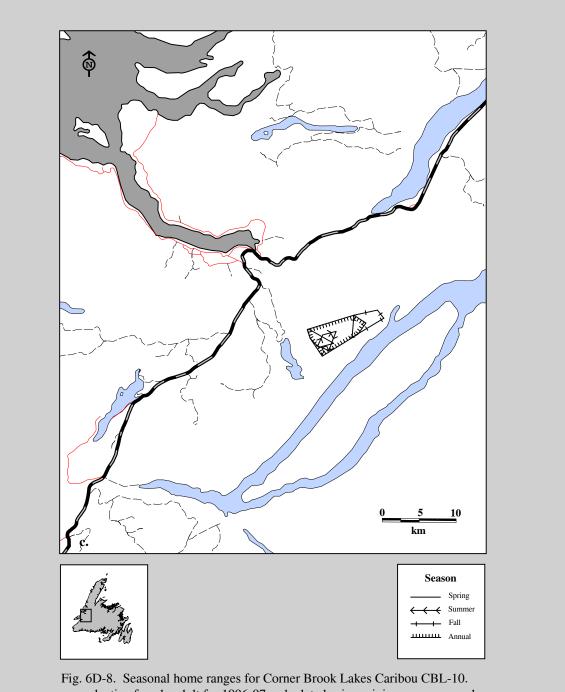
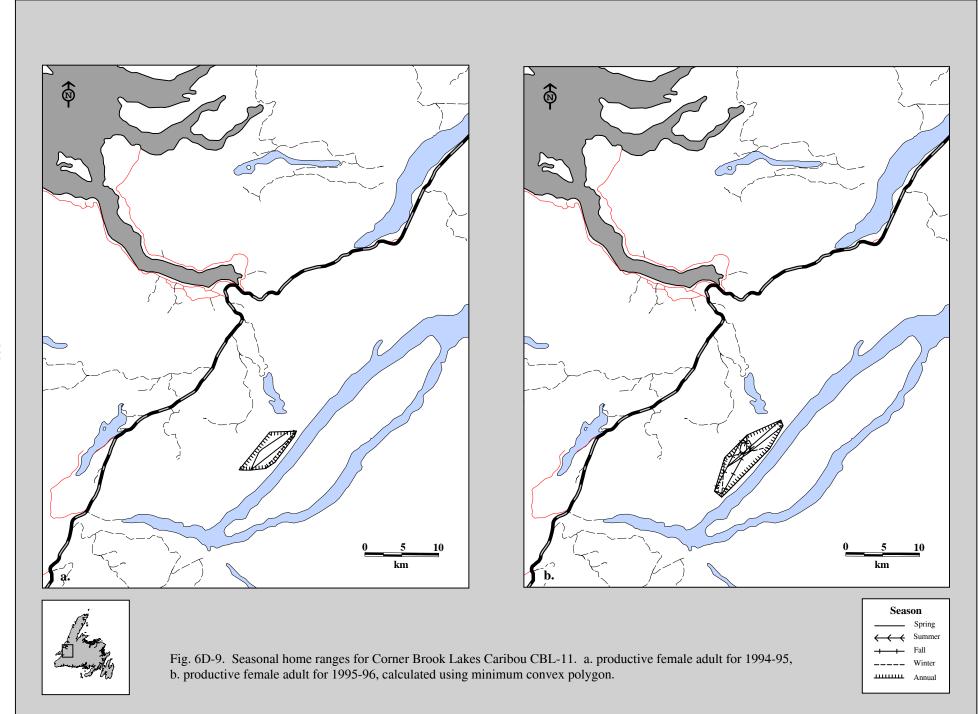


Fig. 6D-8. Seasonal home ranges for Corner Brook Lakes Caribou CBL-10. c. productive female adult for 1996-97, calculated using minimum convex polygon.



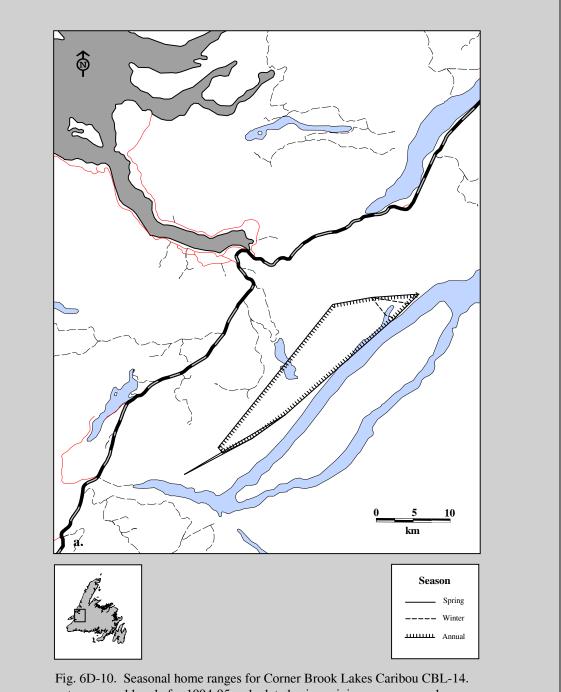


Fig. 6D-10. Seasonal home ranges for Corner Brook Lakes Caribou CBL-14. a. two-year old male for 1994-95, calculated using minimum convex polygon.

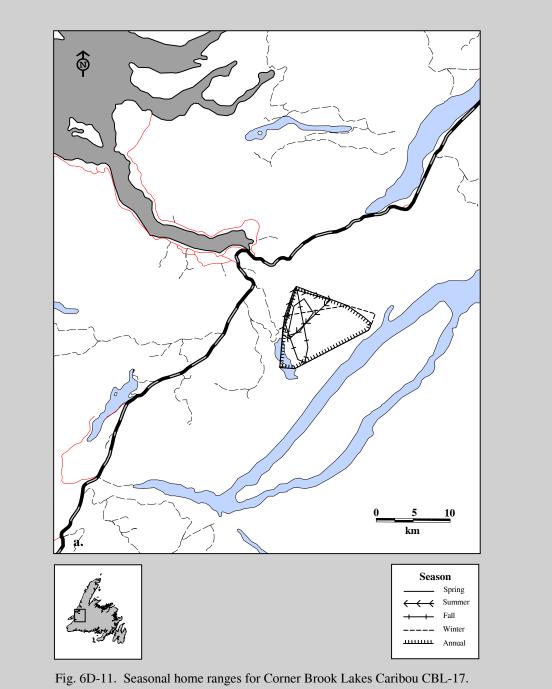
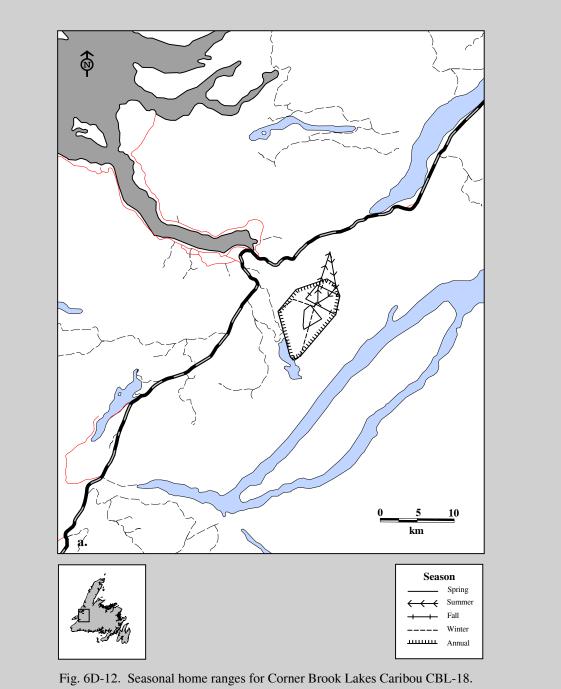
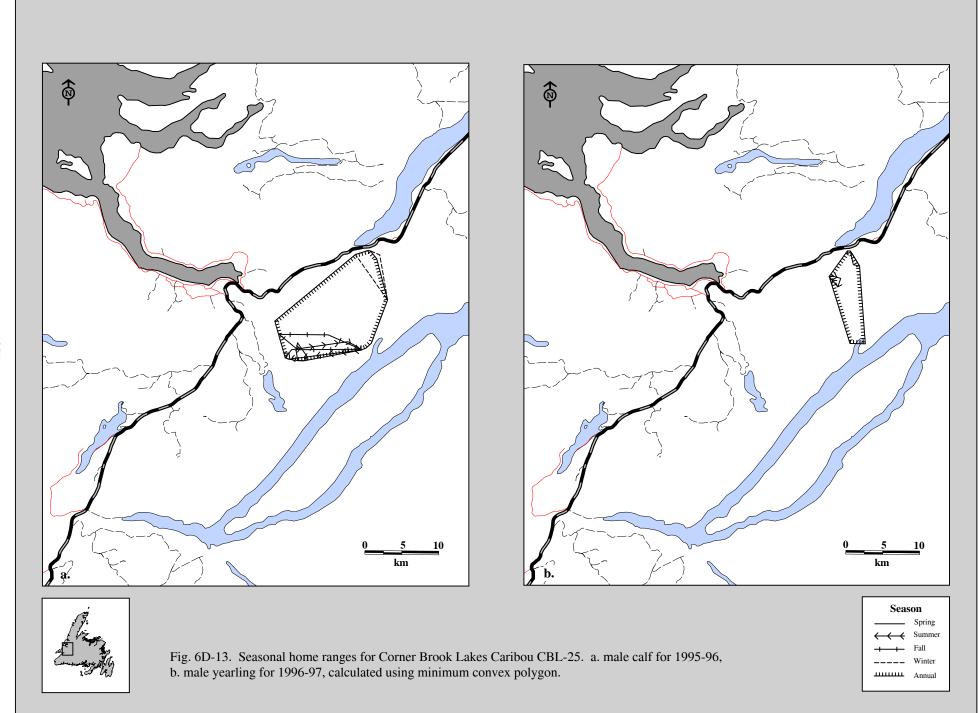


Fig. 6D-11. Seasonal home ranges for Corner Brook Lakes Caribou CBL-17. a. male yearling for 1995-96, calculated using minimum convex polygon.



a. female yearling for 1995-96, calculated using minimum convex polygon.



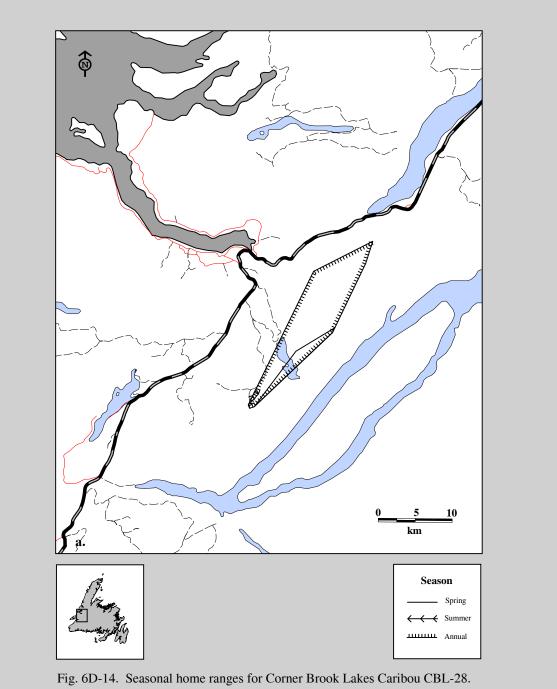


Fig. 6D-14. Seasonal home ranges for Corner Brook Lakes Caribou CBL-28. a. male yearling for 1996-97, calculated using minimum convex polygon.

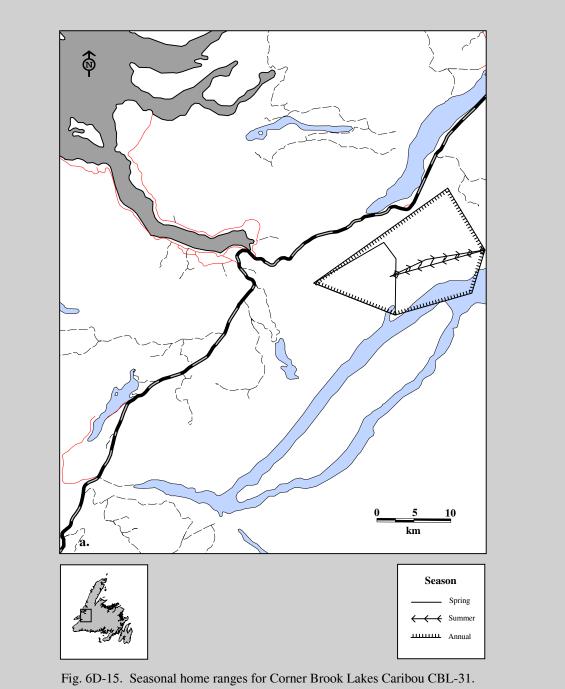
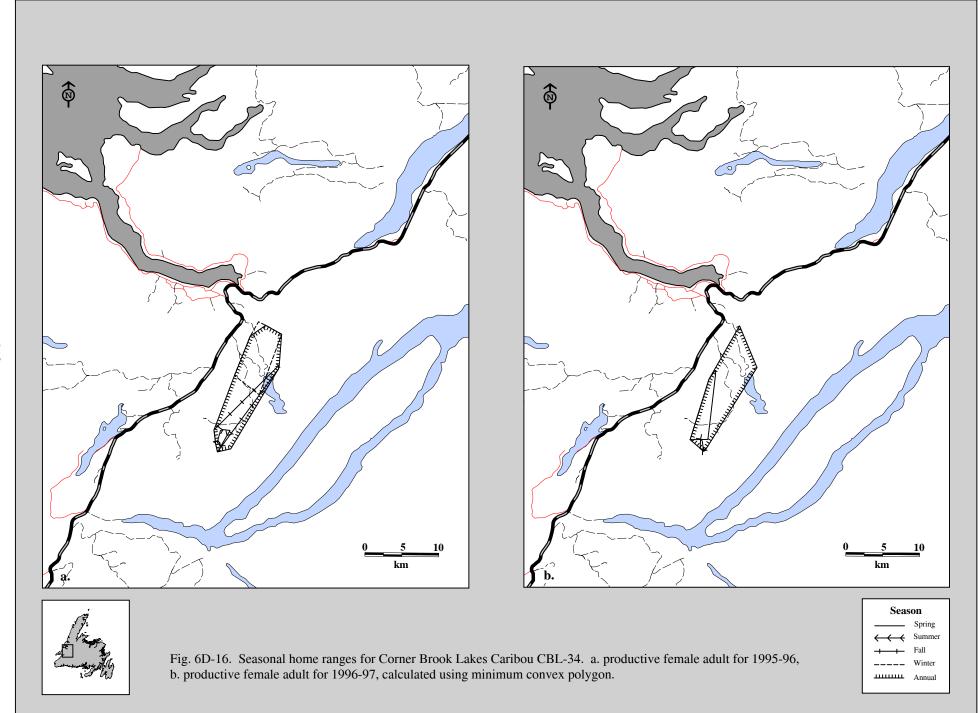
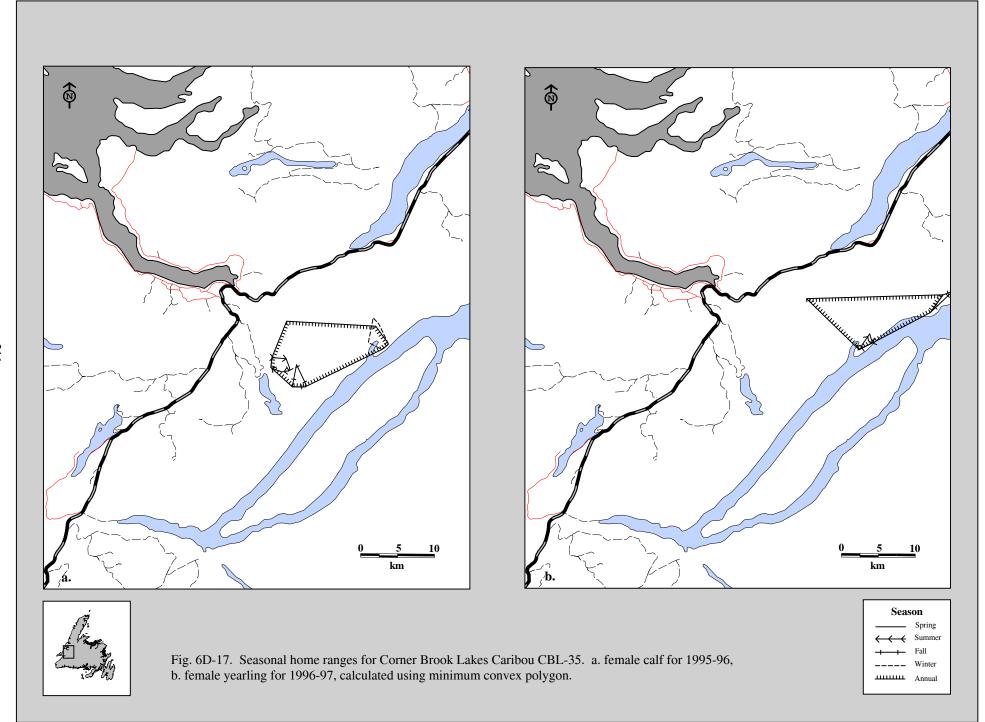


Fig. 6D-15. Seasonal home ranges for Corner Brook Lakes Caribou CBL-31. a. male yearling for 1996-97, calculated using minimum convex polygon.





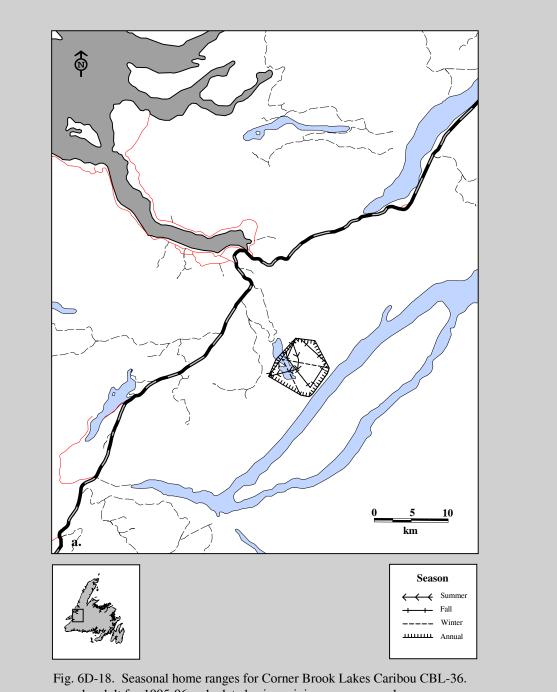
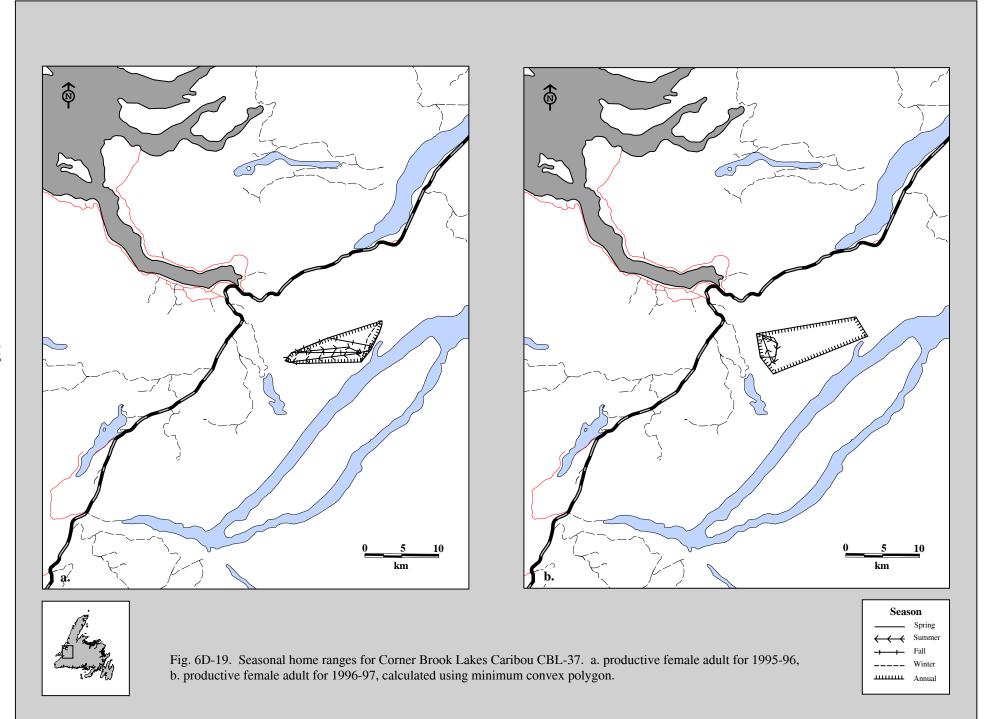
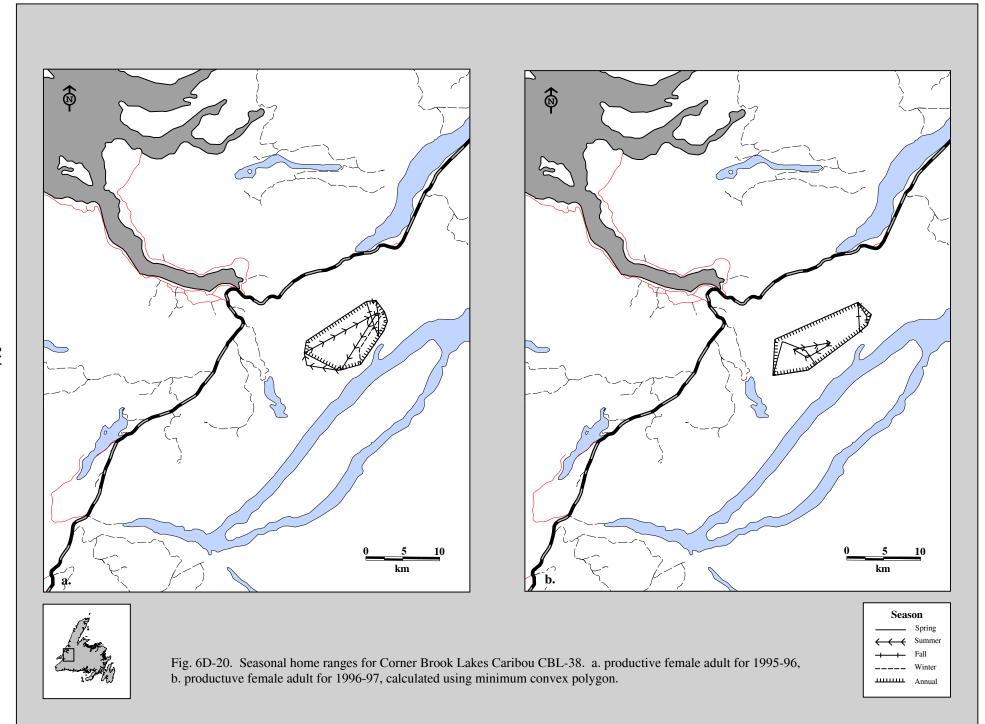


Fig. 6D-18. Seasonal home ranges for Corner Brook Lakes Caribou CBL-36. a. male adult for 1995-96, calculated using minimum convex polygon.





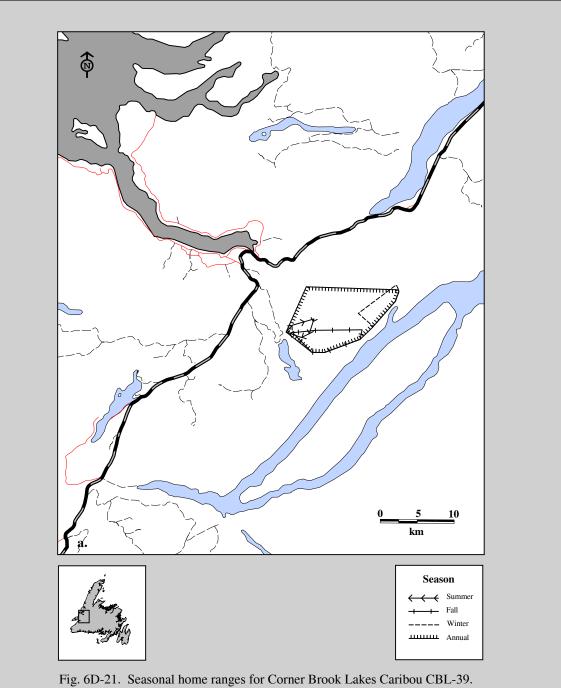


Fig. 6D-21. Seasonal home ranges for Corner Brook Lakes Caribou CBL-39. a. two-year old female for 1995-96, calculated using minimum convex polygon.

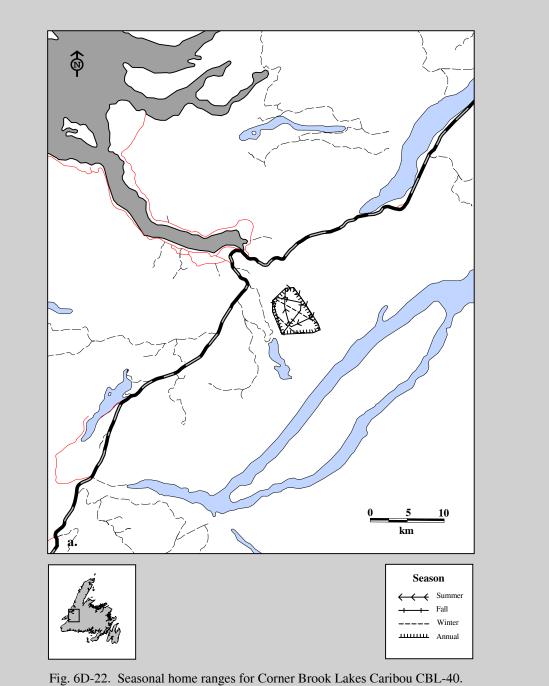


Fig. 6D-22. Seasonal home ranges for Corner Brook Lakes Caribou CBL-40. a. female adult for 1995-96, calculated using minimum convex polygon.

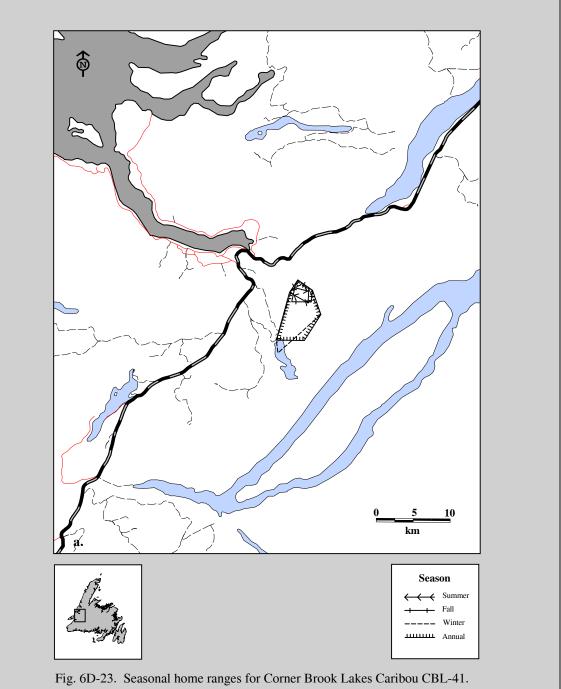
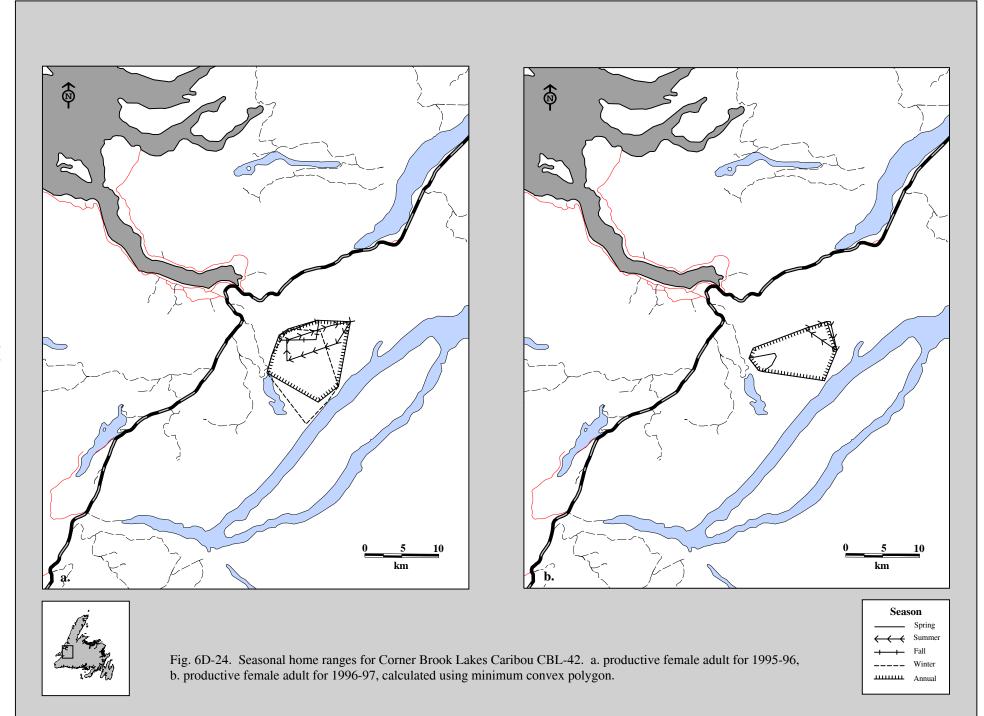


Fig. 6D-23. Seasonal home ranges for Corner Brook Lakes Caribou CBL-41. a. productive female adult for 1995-96, calculated using minimum convex polygon.



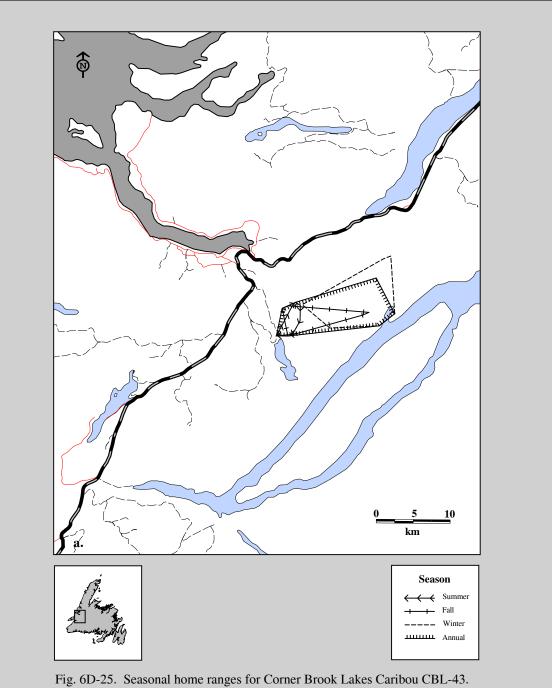
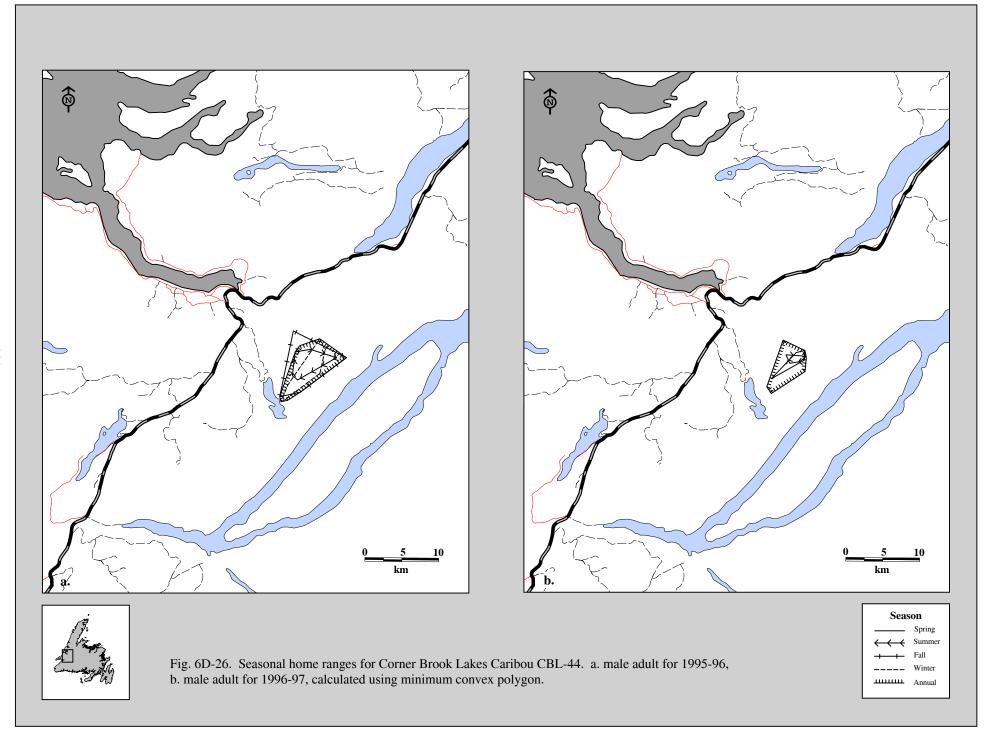
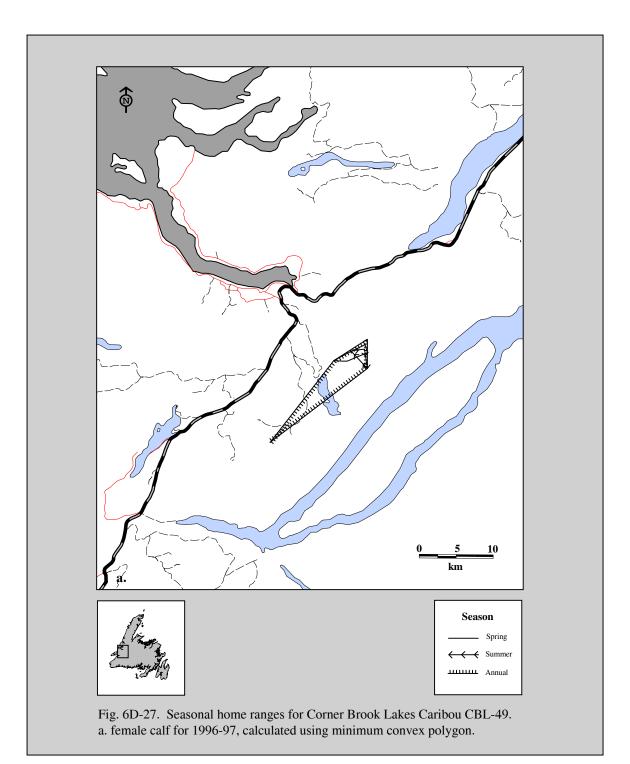


Fig. 6D-25. Seasonal home ranges for Corner Brook Lakes Caribou CBL-43. a. two-year old female for 1995-96, calculated using minimum convex polygon.





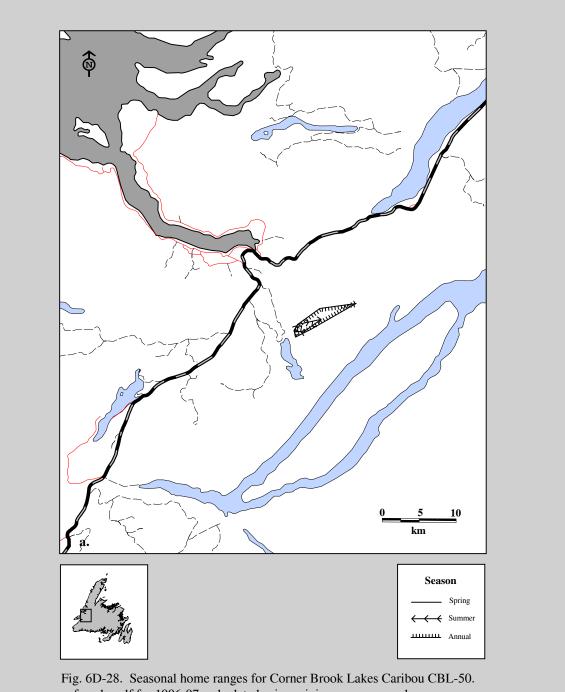
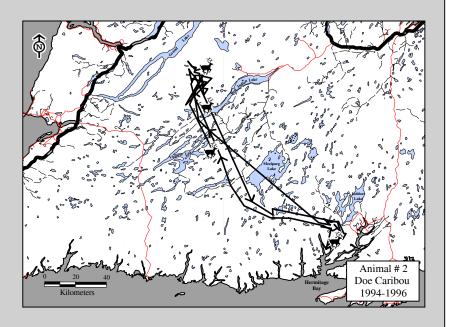
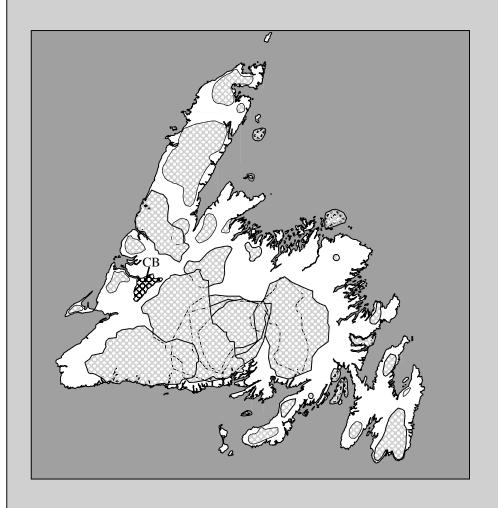


Fig. 6D-28. Seasonal home ranges for Corner Brook Lakes Caribou CBL-50. a. female calf for 1996-97, calculated using minimum convex polygon.

## Section 6E: Appendix





## Caribou Herd

**Corner Brook Lakes (CB)** 

Table 6E-1. Reader's guide to tables, distribution and home range maps for the Corner Brook Lakes Caribou Herd.

Corner Brook Lakes Caribou Herd		Page Numbers	
Variables	Section A Tables	Section B Distribution Maps	Section C Home Range Maps
All data combined	5	29	185
Sex	6	30	186
Age	7	31	187
Season	8	33	188
Year	5	35	189
Season and Sex	9	37	191
Season and Age	10	41	195
Year and Sex	6	49	199
Year and Age	7	53	203
Year and Season	8	61	208
Year, Sex and Age	12	69	213
Year, Season and Sex	14	82	221
Year, Season and Age	16	97	233
Season, Sex and Age	19	119	246
Sex and Age	10	135	256
Year, Season, Sex and Age	19	139	260
Month and Sex	24	171	275