

SPIDER RECORDS FROM CARIBOU MOUNTAINS WILDLAND PROVINCIAL PARK



Xysticus emertoni
(Photo: D. Buckle)



Dolomedes triton
(Photo: R. Holmberg)

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1. Introduction

There are numerous and important examples of the province's biodiversity contained within Alberta's protected areas (e.g., parks, wilderness areas, ecological reserves). Much of that biodiversity remains to be discovered, particularly that which relates to the invertebrate fauna. Spiders are in that category.

In Canada there are approximately 1400 known spider species (Bennett 1999, Aitchison and Sutherland 2000). The Biological Survey of Canada estimates that there are at most 1,500 spider species in the country (Bennett 1999). Holmberg and Buckle (2002) noted that there were 662 species in 23 families for Alberta and Saskatchewan combined. Within Alberta there are about 583 known spider species belonging to 24 families (D. Buckle, unpublished data). That number will continue to grow as more information and data becomes available.

The spider specimens that were collected in Caribou Mountains Wildland Provincial Park during this survey were the first for this rather remote area.

2. The Study Site

Caribou Mountains Wildland Provincial Park was established in May 2001. It is located in the far northern part of Alberta, adjacent to Wood Buffalo National Park. The wildland provincial park encompasses an area of about 5910 km² of boreal subarctic uplands and lower boreal highlands.

A planimetric map and legal description of the park is available on the following website:
<http://www.cd.gov.ab.ca/preserving/parks/lrm/wildland/wildpark.asp>

Most of the park is within the Boreal Subarctic Natural Subregion of the Boreal Forest Natural Region (Figure 1). This subregion encompasses 4986 km² or 84.4% of the wildland park. Relatively small portions of the park are within the Lower Boreal Highlands (823 km²; 13.9%) and the Northern Mixedwood Natural Subregions (98 km²; 1.7%). Spiders were only collected from sites in the Boreal Subarctic and Lower Boreal Highlands Natural Subregions.

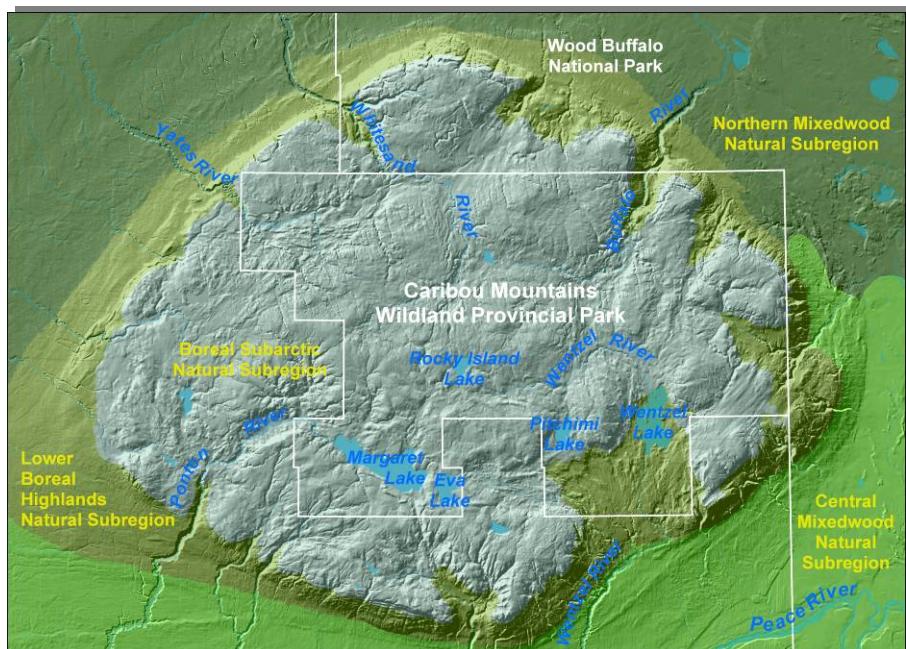


Figure 1. Natural Subregions within or adjacent to Caribou Mountains Wildland Provincial Park. Image prepared by Parks and Protected Areas Division, Alberta Community Development.

The Boreal Subarctic Natural Subregion occurs on high-elevation plateaus in the far northern part of Alberta in the Cameron Hills and Caribou Mountains (Figure 1).

“Elevations [in this Subregion] range from 575 m to over 1,000 m. Landscapes are primarily undulating and rolling plateaus and highlands, with extensive low-lying poorly drained areas. Most of the area is covered by organic deposits; fine-textured glacial till deposits are also common. Fires are frequent, and open, stunted black spruce stands with shrub, moss and lichen understories occur across large areas, underlain by frozen poorly drained organic materials. Moderately well drained upland areas occupy minor areas of the Natural Subregion, and a variety of upland forests may occur, dominated by pure or mixed aspen, white spruce, black spruce, Alaska birch, and lodgepole pine. The main lakes [in the Caribou Mountains] are Margaret and Wentzel. Wetlands are essentially a peat plateau complex of open treed bogs with permafrost and open and wooded fens. ... Permafrost is common. ... Drainage is largely internal, but a few streams flow out of the Subregion.” (Natural Regions Committee 2006).

The Boreal Subarctic Natural Subregion on Caribou Mountains is completely surrounded by the Lower Boreal Highlands Natural Subregion (Figure 1).

“Forests are more diverse [in this Subregion] than those found in adjacent Natural Subregions. In addition to aspen and white spruce forests on uplands, balsam poplar and white birch forests often occur in seepage areas and lodgepole pine-jack pine hybrids are common in pure and mixed stands with black spruce and deciduous species. Wetlands include nutrient-poor black spruce fens with common Labrador tea, peat mosses and feathermosses. Tamarack-black spruce stands or willow-dwarf birch shrublands with sedges, marsh reed grass, golden moss and other rich-site vascular and non-vascular associates occur in wetlands receiving nutrient-rich waters.” (Natural Regions Committee 2006).

Around the northern base of the Caribou Mountains, the Northern Mixedwood Natural Subregion borders the Lower Boreal Highlands Natural Subregion (Figure 1).

“Gently undulating plains [in this Subregion] are the dominant topographic form. There are a few hummocky inclusions and areas of karst topography in the eastern portion. Fine textured glaciolacustrine and sandy eolian materials are common in the eastern third, where organic deposits are less extensive. On upland areas, white and black spruce stands are typical, with mixedwood aspen-white spruce-black spruce stands on better drained soils along rivers and on local well drained elevated areas. Much of the Natural Subregion is wetland, and is vegetated by open, stunted black spruce stands, often with permanently frozen organic soils.” (Natural Regions Committee 2006).

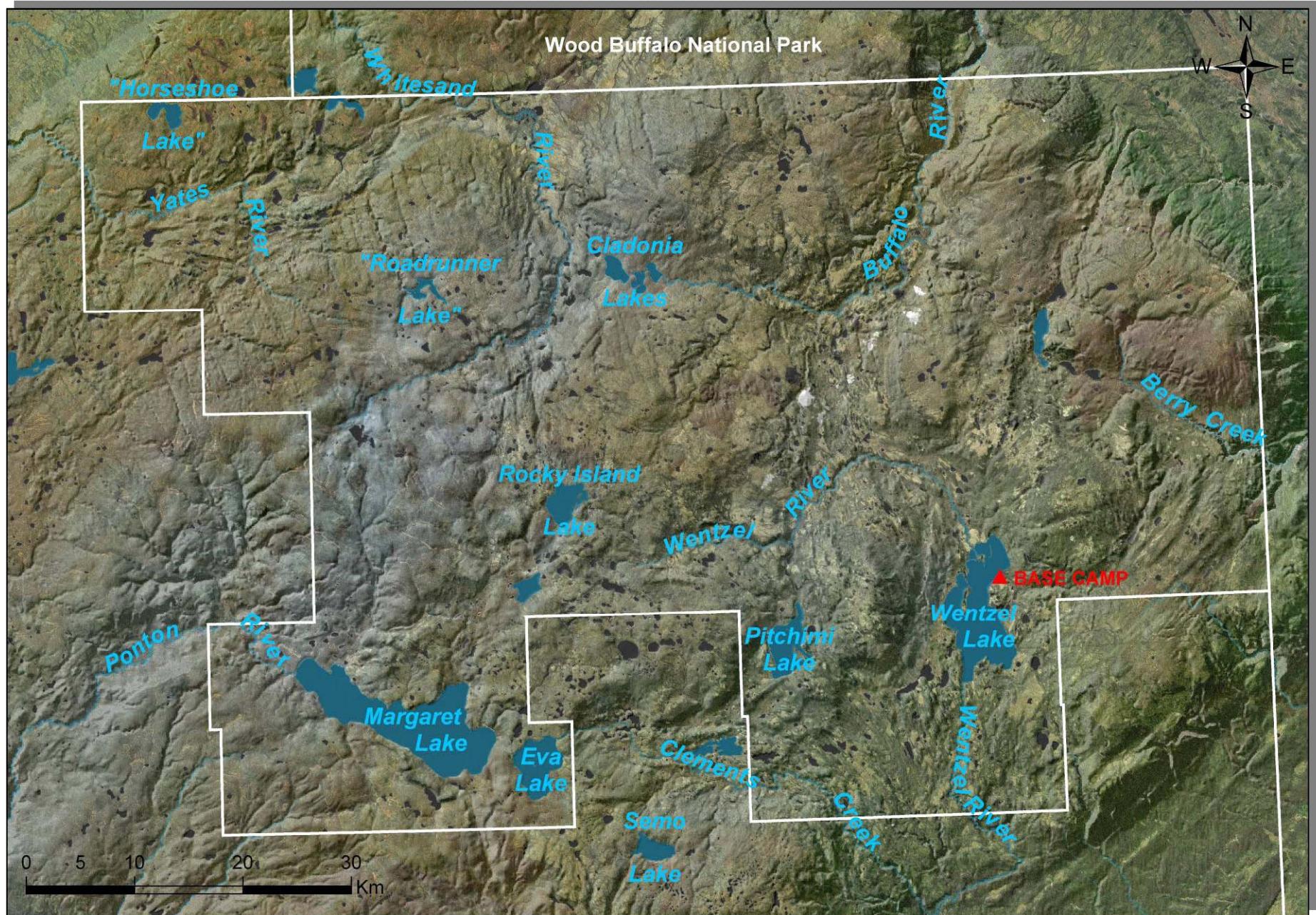
The diversity of landscapes and habitats in the park (see the following images) supports a wide variety of plant and animal species. Some of the species found here are more typical of those known from subarctic habitats in the Northwest Territories. Others are poorly understood in terms of their presence, numbers and distribution. This is the case for the spider fauna of the area.



Figure 2. Habitat diversity in the Caribou Mountains Wildland Provincial Park.

- A = marsh
- B = beach/shoreline
- C = riverine
- D = aspen forest
- E = jackpine/lichen forest
- F = peatland

Figure 3. Location of selected geographic features within Caribou Mountains Wildland Provincial Park. Note the location of the base camp on Wentzel Lake.



3. Methods

3.1 Survey Dates

Field surveys to document the biophysical features of Caribou Mountains Wildland Provincial Park were conducted during the spring and summer of 2003 by staff of the Parks and Protected Areas Division and a multi-disciplinary team of volunteers. The park was visited from 8-17 June and 6-16 July 2003 (both inclusive). Spiders were one component of the survey and were collected during those time periods.

3.2 Collection of Spiders

Spiders were collected from a wide variety of habitats in the park using a variety of methods, ranging from random hand-collecting to a series of pit and pan traps (Finnamore *et al.* 2001). Some spiders were obtained from the Malaise and ultra-violet light traps that were used by other researchers to collect moths and other insects. Spiders were also collected by sweep-netting vegetation.

Pan and pit traps were placed randomly in depressions dug in beach/shoreline habitats as well as in a variety of peatland areas and upland forested sites. Pit traps were made from white plastic containers (~10 cm diameter x 12 cm deep). The pan traps were shallow relatively large plastic bowls (273 mm diameter x 79 mm deep) and were yellow in color (“safety yellow” in North America). Care was taken to minimize disturbance to the adjacent microhabitats. The rims of the pan and pit traps were set level with the soil or litter surface. Their outside surrounding edges were filled with soil and detritus from the excavation and carefully worked flush with the rim. This provided a surface for spiders to travel unimpeded up to the rim and into the trap. Soil and other detritus were removed from the trap and water was added. A few drops of detergent were added to the water as a surfactant. Flagging tape was used to mark the trap's location. Traps were serviced every two to four days, at which time spiders were removed by sieving through fine-mesh cloth, rinsed in water and placed in labelled vials.

All specimens were preserved in 95% ethanol.

3.3 Identification of Spiders

Spider specimens were identified by D.J. Buckle and have been deposited in the E.H. Strickland Entomological Museum at the University of Alberta in Edmonton.

4. Results and Discussion

During this study, 155 spider species were collected representing 16 families (Table 1). This is about 26% (155/583) of the spider species known to occur in Alberta. In their work in northern Manitoba, Aitchison and Sutherland (2000) collected only 49 spider species in 13 families. Most of the specimens that were collected in this study were from common, wide ranging species, although there were a number of first records for Alberta.

About 70% (108/155) of the spider species collected in the Caribou Mountains came from four families – the Linyphiidae, Lycosidae, Gnaphosidae and Thomisidae (Table 1). About 88% (2482/2810) of the specimens also came from these families (Table 1). This is similar to what Aitchison-Benell (1994) found in bog habitats in northern Manitoba. Their dominant spider families were the Erigonidae (treated here as a subfamily of Linyphiidae), Lycosidae, Linyphiidae and Gnaphosidae.

Table 1. Number of spider species and specimens in each family that were collected from Caribou Mountains Wildland Provincial Park. Families are listed in descending order of abundance of specimens. (No. = number; Imm. = immatures).

FAMILY	SPECIES		SPECIMENS				
	No.	%	Male	Female	Imm.	TOTAL	%
Lycosidae	16	10.3	1193	395	22	1610	57.3
Linyphiidae	67	43.2	304	184	0	488	17.4
Gnaphosidae	12	7.7	186	31	0	217	7.7
Thomisidae	13	8.4	147	19	1	167	5.9
Clubionidae	7	4.5	59	23	0	82	2.9
Tetragnathidae	4	2.6	30	34	0	64	2.3
Agelenidae	1	0.6	53	4	0	57	2
Philodromidae	8	5.2	22	6	0	28	1
Titanoecidae	1	0.6	22	2	0	24	0.9
Dictynidae	5	3.2	13	6	0	19	0.7
Araneidae	5	3.2	5	11	2	18	0.6
Amaurobiidae	2	1.3	2	9	1	12	0.4
Theridiidae	6	3.9	4	4	1	9	0.3
Salticidae	4	2.6	5	2	1	8	0.3
Hahniidae	3	1.9	5	1	0	6	0.2
Pisauridae	1	0.6	0	1	0	1	0.04
TOTAL	155	99.8	2050	732	28	2810	99.9

In the Caribou Mountains, the **Linyphiidae** were the most diverse family with 43.2% of the species and 17.4% of the collected specimens (Table 1). Buddle (2001), in north-central Alberta, also found the highest species diversity in the Linyphiidae family but with a relatively high proportion (30%) of specimens in his catch. In the prairie ecozone of Alberta and Saskatchewan, Holmberg and Buckle (2002) also found the Linyphiidae to be the most diverse family.

The **Lycosidae** were the second most diverse family with 10.3% of the species and the highest proportion (57.3%) of collected specimens (Table 1). The large number of specimens taken may be due to the relative ease with which lycosids are collected in pit and pan traps, as the spiders move around on the surface of the ground (Holmberg, pers. comm.). In his work in the north-central part of Alberta, Buddle (2001) also found that species in the Lycosidae family were numerically dominant, representing 44% of the total catch. The Lycosidae was one of the most diverse families and had the most specimens collected in other wildland parks in northeastern Alberta (Nordstrom and Buckle 2002, 2004). Aitchison and Sutherland (2000) found that the Lycosidae was the most commonly collected family in northern Manitoba and the family with the greatest species diversity.

The **Thomisidae** were the third most diverse family with 8.4% of the species and 5.9% of the specimens (Table 1). This family was subdominant in the samples collected in northern Manitoba (Aitchison and Sutherland, 2000).

The **Gnaphosidae** were the fourth most diverse family with 7.7% of the species and 7.7% of the specimens (Table 1). This family was the second-most collected family in northern Manitoba (Aitchison and Sutherland, 2000); it was also quite diverse in species.

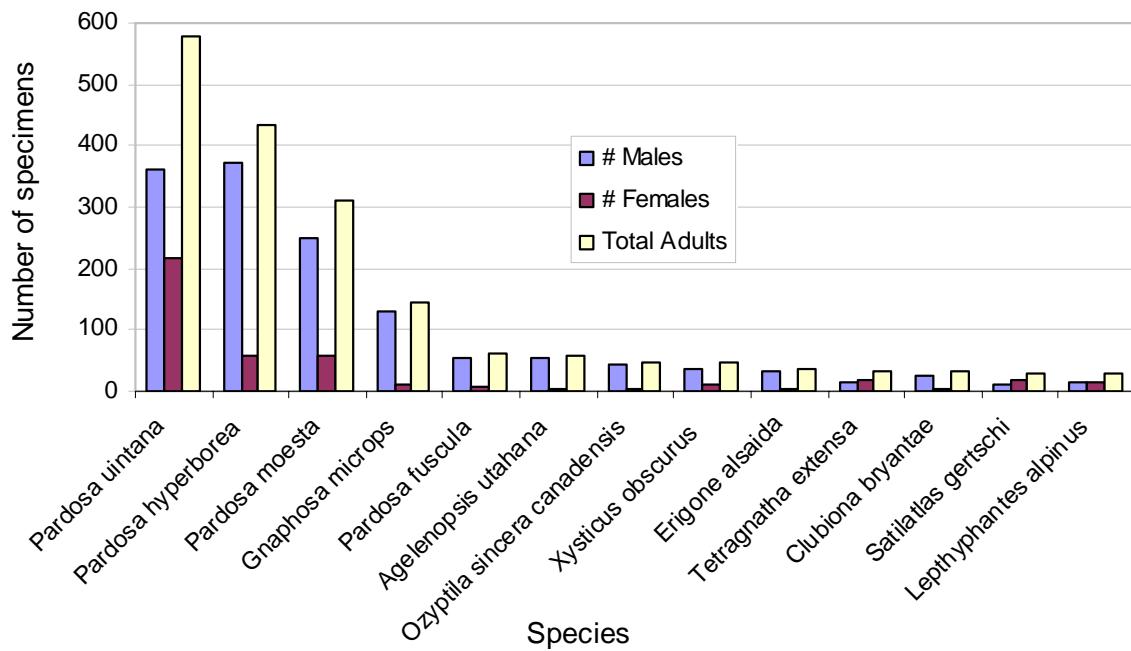
The less commonly collected families in Caribou Mountains Wildland Provincial Park were the Philodromidae, Titanoecidae, Dictynidae, Araneidae, Amaurobiidae, Theridiidae, Salticidae, Hahniidae

and Pisauridae (Table 1). In northern Manitoba, the less collected families included the Theridiidae, Amaurobiidae, Araneidae, Hahniidae and Liocranidae (Aitchison and Sutherland, 2000). Holmberg and Buckle (2002) noted that the Clubionidae ranked tenth in terms of overall species diversity in southern Alberta and Saskatchewan. In the Caribou Mountains, however, the Clubionidae ranked sixth (Table 1).

In total, 2782 adult specimens (732 females, 2050 males) were collected in the park (Table 1). Male specimens were dominant in the catch, comprising 74% (2050/2782) of all adult specimens that were collected. Male specimens were dominant in 11 of the 16 spider families recorded for the park (Table 1). The high proportion of males in the catch is to be expected considering that mature males tend to wander and are much more active than females during the reproductive period. In the Manitoba taiga, Aitchison-Benell (1994) noted that when large numbers of male arachnids were collected, it usually indicated the reproductive period – when males are searching for females. Only in the Tetragnathidae, Araneidae Amaurobiidae and Pisauridae families (all web-spinning spiders) were female specimens dominant in the catch (Table 1). This may have been partially due to the females being much larger than the males in at least two of these families – the Araneidae and Tetragnathidae – and, therefore, were more easily seen and collected. One family, the Theridiidae, had equal proportions of males and females in the catch (Table 1).

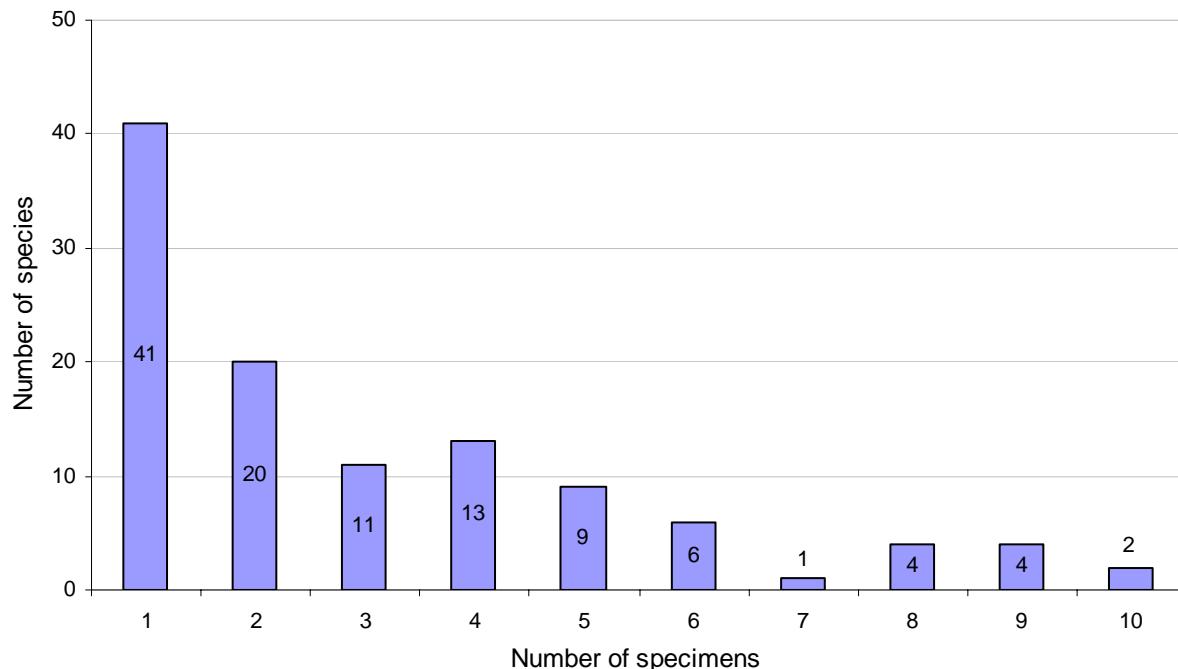
There were nine species of *Pardosa* collected in the Caribou Mountains which amounted to 1503 adult specimens or 53% of the total catch (Appendix 2). The four *Pardosa* species most commonly collected were *Pardosa uintana* (579 specimens – 361 males, 218 females), *Pardosa hyperborea* (433 specimens – 374 males, 59 females), *Pardosa moesta* (310 specimens – 251 males, 59 females), and *Pardosa fuscula* (63 specimens – 55 males, 8 females). These four *Pardosa* species along with *Gnaphosa microps* (143 specimens – 131 males, 12 females) were the most commonly collected species (Figure 4). In the taiga of northern Manitoba, Aitchison and Sutherland (2000) found *Pardosa mackenziana*, *Gnaphosa microps* and *Agelenopsis utahana* to be the dominant species. They also found other *Pardosa* species to be fairly dominant in the catches. *Pardosa mackenziana* was also among the species collected in the Caribou Mountains, however only 19 specimens were taken (10 males, 9 females) (Appendix 2).

Figure 4. Spider species for which 30 or more specimens were collected.



As is often the case in collecting efforts, many species are represented by only a few specimens. About 72% (111/155) of the species were represented by ten or fewer specimens and approximately 26% (41/155) were represented by only one specimen each (Figure 5). Approximately 12% (342/2782) of all the adult specimens were from species for which fewer than ten specimens were collected (Figure 5). Unfortunately, these results cannot be interpreted to estimate species' rarity, because sampling effort was not controlled either temporally or spatially. Buddle (2001) also noted that many of the spider species he collected were uncommon in the catch (e.g., about 31 of the 105 species he collected in pitfall traps – nearly 30% – were represented by only one individual).

Figure 5. Number of spider species for which ten or fewer specimens were collected.



The specimen records from Caribou Mountains Wildland Provincial Park in 2003 have contributed to what is known about the current distribution of a number of species. There were several notable finds, including the following:

Hypsosinga groenlandica Simon 1889. Arctic/alpine. One adult male and one adult female specimen were collected in July from pine forest habitats at Wentzel Lake. **First record for Alberta and all of the prairie provinces.**

Micaria constricta Emerton 1894. Holarctic. Arctic/alpine in eastern North America. Occurs as far south as California in the west. One adult female specimen was collected in July from peatlands in the Wentzel Lake area. **First record for Alberta.**

Micaria tripunctata Holm 1978. Low arctic. One adult male and five adult female specimens were collected in July from aspen/shrub habitats in the Wentzel Lake area. **First record for Alberta.**

Bathyphantes crosbyi (Emerton 1919). Holarctic. Low arctic, northern boreal, alpine. Three adult male and two adult female specimens were collected in July from forested habitats in the Wentzel Lake area. **First record for Alberta.** This species was treated as a synonym for the Palaearctic species *B. reprobus* (Kulczynski 1916) by Marusik *et al.* (1993). However, Dondale *et al.* (1997) believe that the two species are distinct.

Bathyphantes simillimus (L. Koch 1879). Holarctic. Boreal. Alpine in northeastern USA. Sixteen males and four females were collected in June and July from a variety of habitats in the Wentzel Lake area. **First record for Alberta.** This is the form *sensu* Ivie (1969) with a solidly black abdomen. Wosney and Czajka (1985) synonymized *eumenoides* Holm 1967, which has very similar genitalia but differs in having a patterned abdomen, with *simillimus*. It is presently unclear whether this synonymy is correct.

Leptophyantes washingtoni Zorsch 1937. Occurs across Canada and northern USA. One adult male specimen was collected in July from a riparian habitat in the Wentzel Lake area. **First record for Alberta.**

Baryphyma trifrons (O.Pickard-Cambridge 1863). Holarctic. Found across Canada and in northern USA. One adult male specimen was collected in July from a riparian habitat in the Wentzel Lake area. **First record for Alberta.**

Grammonota vittata Barrows 1919. Occurs across Canada, east of the Rockies, and in the northeastern USA. Two adult female specimens were collected in July, one from the Horseshoe Lake area and one from the Wentzel Lake area, both specimens taken in forested habitats. **First record for Alberta and an extension of its range west from Saskatchewan.**

Hypomma marxii (Keyserling 1886). Widely distributed in northern North America. Four male specimens were collected in July, three from the Horseshoe Lake area and one from the Wentzel Lake area. The Horseshoe Lake specimens were collected in fen habitats; the Wentzel Lake specimen from along a creek. **First record for Alberta.**

Hypseleistes jacksoni (O.Pickard-Cambridge 1875). Holarctic. Arctic/subarctic/ montane. Four adult female specimens were collected, three in July from the Horseshoe Lake area and one in June from the Wentzel Lake area. The Horseshoe Lake specimens were collected in fen habitats; the Wentzel Lake specimen from along a grassy creek bank. **First record for Alberta.** There is an unpublished record for Hunt Falls in far northern Saskatchewan which is the easternmost record for the species.

Mecynargus paetus (O. Pickard-Cambridge 1875). Holarctic. Low arctic, Greenland. Three adult male and three adult female specimens were collected in June and July, all from along a creek in the Wentzel Lake area. **First record for Alberta.**

Tmeticus ornatus (Emerton 1914). Found in Canada and northeastern USA. Two adult male specimens were collected in June and July, both along lakeshores in the Wentzel Lake area. **First record for Alberta.**

Tmeticus affinis (Blackwall 1855). A Palaearctic species known from northern Europe to Kamchatka. One adult male specimen was collected in July, in a horsetail meadow in the Wentzel Lake area. **First record for North America.**

Walckenaerianus aimakensis Wunderlich 1994. A Holarctic species previously known from Tuva, Mongolia, the Magadan region and Yakutia (Marusik *et al.* 2000). Twenty males and five females were collected from waterside locations near Wentzel Lake. Identification of these specimens was confirmed by comparing them with material from Tuva and Mongolia (Marusik, pers. comm.). **First record for North America.**

Philodromus peninsulanus Gertsch 1934. One adult male specimen was collected in July from the Wentzel Lake area. *P. peninsulanus* was considered to be an eastern species occurring from southern Manitoba and Ontario south to Florida (Dondale & Redner 1978). This collection extends its range significantly north and west to northern Alberta. **First record for Alberta.**

Chalcoscirtus alpicola (L.Koch 1876). Holarctic. An arctic/alpine species also found on the northern Great Plains (Cutler 1990). One adult female and one immature specimen were collected in July in a pine forest/lichen habitat in the Wentzel Lake area. **First record for Alberta.**

Xysticus keyserlingi Bryant 1930. An arctic/alpine species. One adult female and two adult male specimens were collected in June and July in the Wentzel Lake area. Two of the specimens were collected in peatland habitats and one from a pine forest/lichen habitat. **First record for Alberta.**

Xysticus triguttatus Keyserling 1880). Widespread. Six adult male specimens were collected in July in the Wentzel Lake area. Five of the specimens were collected in peatland habitats and one from an aspen/shrub habitat. **This appears to be the northernmost record for the species.**

Appendix 1 contains annotated notes for all of the spider species that were collected in the park. Further details on the species that were collected are shown in Appendix 2.

5. Conclusion

The spider specimens that were obtained in June and July of 2003 from Caribou Mountains Wildland Provincial Park improved our knowledge of species' ranges and phenologies in Alberta and Canada, contributed to the discovery of species new to Alberta, and added to our understanding of the overall biodiversity of the park and the province.

Given the season in which the field program occurred (i.e., June, July), many species were likely missed. Better data would have been obtained if more extensive sampling, both spatially and temporally, could have been conducted. Data from more than one field season would also be valuable. This would allow more accurate conclusions to be drawn relative to the abundance and distribution of species in the area.

6. Acknowledgements

Without the help and support of dedicated and enthusiastic people, this report would not have been possible. Thanks are due to Robert Holmberg who reviewed and provided helpful comments on the report. Thanks are also due to the Parks and Protected Area's staff of Edmonton and the Northeast Boreal Region, and in particular, Ted Johnson, for his efforts in making it possible to access sites and conduct field work in the wildland parks of northeastern Alberta. Without that logistic support, the inventory project would not have happened. Thanks also to the volunteers (i.e., Gerald Hilchie, Doug Macaulay, and others) who assisted in specimen collection and provided support in the field.

The specimens will be housed in the E.H. Strickland Entomological Museum at the University of Alberta. We extend our appreciation to Felix Sperling and Danny Shpeley for their support in accepting and housing those specimens.

7. Personal Communications

Holmberg, Robert. 2006. Mailing address: Centre for Science; Athabasca University; 1 University Drive; Athabasca, AB; T9S 3A3. Email address: robert@athabascau.ca

8. Literature Cited

The following literature has been cited in either the body of the report or in Appendix 1.

- Aitchison-Benell, C.W. 1994. *Bog arachnids (Araneae, Opiliones) from Manitoba taiga*. Memoirs of the Entomological Society of Canada, 169: 21-31.
- Aitchison, C.W. and G.D. Sutherland. 2000. *Diversity of forest upland arachnid communities in Manitoba taiga (Araneae, Opiliones)*. Canadian Field Naturalist, 114(4): 636-651.
- Bennett, R.G. 1999. *Canadian spider diversity and systematics*. Newsletter of the Biological Survey of Canada (Terrestrial Arthropods), Volume 18, No.1, 16-27.
URL: http://www.biology.ualberta.ca/esc.hip/bsc/news18_1/spider.htm
- Buckle, D.J., D. Carroll, R.L. Crawford and V.D. Roth. 2001. *Linyphiidae and Pimoidae of America north of Mexico: checklist, synonymy, and literature*. Pages 89-191 in P. Paquin and D.J. Buckle (eds.), Contributions à la connaissance des Araignées (Araneae) d'Amérique du Nord. Fabreries Supplément 10.
- Buddle, C.M. 2001. *Spider communities in boreal mixed-wood forests of Alberta : succession, species interactions and habitat utilization*. Ph.D. Thesis. Department of Biological Sciences, University of Alberta, Edmonton. 203pp.
- Buddle, C.M. and D.P. Shorthouse. 2000. *Jumping Spiders of Canada*. Department of Biological Sciences, University of Alberta, Edmonton, Alberta.
URL: <http://www.ualberta.ca/~dps1/Salticidae.html>
- Cutler, B. 1990. *A revision of the western hemisphere Chalcoscirtus (Araneae: Salticidae)*. Bull. Br. Arachnol. Soc. 8(4): 97-104.
- Dondale, C.D. and J.H. Redner. 1978. *The insects and arachnids of Canada. Part 5. The crab spiders of Canada and Alaska (Araneae: Philodromidae and Thomisidae)*. Biosystematics Research Institute, Ottawa, Ontario. Publication 1663. 255pp.
- Dondale, C.D. and J.H. Redner. 1982. *The insects and arachnids of Canada. Part 9. The sac spiders of Canada and Alaska (Araneae: Clubionidae and Anyphaenidae)*. Biosystematics Research Institute, Ottawa, Ontario. Publication 1724. 194pp.
- Dondale, C.D., J.H. Redner and Y.M. Marusik. 1997. *Spiders (Araneae) of the Yukon*. pp. 73-113 in H.V. Danks and J.A. Downes (Eds.), Insects of the Yukon. Biological Survey of Canada (Terrestrial Arthropods), Ottawa. 1034 pp.
- Finnimore, A.T., N.N. Winchester and V.M. Behan-Pelletier. 2001. *Protocols for measuring biodiversity: arthropod monitoring in terrestrial ecosystems*. URL: <http://eqb-dqe.cciw.ca/eman/ecotools/protocols/terrestrial/arthropods/pan.html>
- Framenau, V.W. 2006. Australasian Arachnological Society. <http://www.australasian-arachnology.org/arachnology/araneae/hahniidae/> [accessed: March 2006].
- Hancock, J. and K. Hancock. 2003. *Key to the families of spiders to be found in Canada*. Published by Kathleen and John Hancock, Pincher Creek, AB. 232 pp in a 3-ring binder format.

- Heimer, S. & W. Nentwig. 1991. *Spinnen Mitteleuropas: Ein Bestimmungsbuch*. Verlag Paul Parey, Berlin, 543 pp.
- Holmberg, R.G. and D.J. Buckle. 2002. *Prairie spiders of Alberta and Saskatchewan*. Arthropods of Canadian Grasslands, 8: 11-15.
- Kaston, B.J. 1978. *How to know the spiders*. 3rd edition. Wm. C. Brown Company Publishers, Dubuque, Iowa. 220pp.
- Koponen, S. 1994. *Ground-living spiders, opilionids, and pseudoscorpions of peatlands in Quebec*. Memoirs of the Entomological Society of Canada, 169: 41-60.
- Leech, R.E. 1972. *A revision of the Nearctic Amaurobiidae (Arachnida: Araneida)*. Mem. Ent. Soc. Can., No. 84. pp.1-182.
- Marusik, Y.M. 1991. *New data on spiders of the subfamily Linyphiinae (Aranei, Linyphiidae) of East Siberia* (In Russian). Zool. Zh. 70:61– 68.
- Marusik, Y. M. 1995. *A review of the spider genus Titanoeca from Siberia (Aranei: Titanoecidae)*. Beitr. Araneol., 4: 123-132.
- Marusik, Y.M., K.Y. Eskov, S. Koponen and N.N. Vinokurov. 1993. *A check-list of the spiders (Aranei) of Yakutia, Siberia*. Arthropoda Selecta, 2(2): 63-79.
- Marusik, Y.M., D.V. Logunov and S. Koponen. 2000. *Spiders of Tuva, south Siberia*. Institute for Biological Problems of the North, Magadan. 253 pp.
- Natural Regions Committee. 2006. *Natural Regions and Subregions of Alberta*. Compiled by D.J. Downing and W.W. Pettapiece. Government of Alberta. Pub. No. I/005.
- Nordstrom, W. and D.J. Buckle. 2002. *Spider records from four Wildland Parks in northeastern Alberta*. Parks and Protected Areas Divison, Alberta Community Development. 32pp.
- Nordstrom, W. and D.J. Buckle. 2004. *Spider records from Colin-Cornwall Lakes Wildland Provincial Park*. Parks and Protected Areas Divison, Alberta Community Development. 31pp.
- Opell, B. D. & J. A. Beatty. 1976. *The Nearctic Hahniidae (Arachnida: Araneae)*. Bulletin of the Museum of Comparative Zoology Harvard, 147: 393-433.
- Paquin, P. & N. Dupérré. 2003. *Guide d'identification des araignées de Québec*. Fabreries, Supplément 11: 1-251.
- Platnick, N. I. & M. U. Shadab. 1976. *A revision of the spider genera Drassodes and Tivodrassus (Araneae, Gnaphosidae) in North America*. American Museum Novitates, 2593: 1-29.
- Preston-Mafham, K. 1998. *Identifying spiders. The new compact study guide and identifier*. Chartwell Books, Inc., Edison, New Jersey. 80pp.
- Wosney, M., and M. Czajka. 1985. *Bathyphantes eumenis (L. Koch, 1879) (Aranei Linyphiidae) in Poland, and its synonyms*. Polskie Pismo Entomologiczne, 55(3): 575 582.

Appendix 1. Annotated notes for the spiders that were collected from Caribou Mountains Wildland Provincial Park.

AGELENIDAE (funnel weavers) (1 species collected)

This is a large family of mainly brownish-colored spiders, varying in length from 2 to 25 mm, and usually having long and conspicuously hairy legs (Preston-Mafham 1998). Called funnel-web spiders because of their flat sheets with a funnel-like tube opening at one side, these spiders capture flying or jumping insects that land on the sheet. The spiders run, in an upright position, over the dorsal side of these webs, seize their prey and retire with it to the funnel retreat (Dondale *et al.* 1997, Kaston 1978).

Agelenopsis utahana (Chamberlin & Ivie 1933). Widespread. Reaches its northern limits in Alaska, Yukon, and Northwest Territories.



Agelenopsis utahana
Photo by D. Buckle

AMAUROBIIIDAE (hackledmesh weavers) (2 species collected)

This family contains mainly brown or black spiders with a superficial resemblance to those in the Agelenidae. However, the clearly visible cribellum at the tip of the amaurobiid abdomen produces hackled-band silk and serves easily to distinguish the two groups (Preston-Mafham 1998). The amaurobiids are sedentary web builders. They live in moist dark places such as crevices beneath stones, rock fissures, logs, dead leaves or loose bark (Dondale *et al.* 1997, Kaston 1978).

Arctobius agelenoides (Emerton 1919). Holarctic, northern. In North America, a Boreal/Hudsonian species extending as far east as Manitoba.

Cybaeopsis eupla (Bishop & Crosby 1935). Occurs across the forested parts of Canada, excluding the west coast, and adjacent USA.

ARANEIDAE (orb weavers) (5 species collected)

The araneids, together with the tetragnathids, uloborids and titanoecids, comprise the orb-weaving spiders. They have tiny eyes. The sense of touch of these spiders is acute and they are able to monitor their webs through their vibration-sensitive legs and feet (Preston-Mafham 1998). Their typical two-dimensional wheel-shaped webs of sticky silk are common sights. In the boreal zone most species are inhabitants of trees and shrubs. In many species there is considerable sexual dimorphism, with the males often being much smaller and not seen as frequently as the females (Dondale *et al.* 1997, Kaston 1978).

Araneus iviei (Archer 1951). A northern species occurring across Canada and in the northeastern USA.



Araneus iviei
Photo by D. Buckle

Araniella displicata (Hentz 1847). Holarctic. Widespread.

Hypsosinga groenlandica Simon 1889. Arctic/alpine. **First record for Alberta and all of the prairie provinces.**

Larinoides patagiatus (Clerck 1757). Holarctic. Widespread.

Neoscona arabesca (Walckenaer). Widespread.

CLUBIONIDAE (sac spiders) (7 species collected)

The clubionids or sac spiders are mainly brown or tawny in color. They are active hunters and do not build prey-catching webs. They forage by night and spend the daylight hours in a flattened tubular retreat constructed of silk, hence the term ‘sac’. The sac is built under loose bark, in a rolled leaf or beneath a stone or log. Many species are superb mimics of ants (Preston-Mafham 1998). The spiders are swift runners and are commonly encountered on foliage or on the ground. There is little difference between the sexes though the males are slightly smaller. These spiders can reach lengths of up to 10 mm (Dondale *et al.* 1997, Dondale and Redner 1982, Kaston 1978).

Clubiona bryantae Gertsch. Across Canada, extending into northeastern USA, and south in the Rockies to Wyoming.

Clubiona canadensis Emerton 1890. Widely distributed east of the Rockies.

Clubiona furcata Emerton. Across Canada and south, in the western mountains, to Utah.

Clubiona kulczynskii de Lessert 1905. An Holarctic woodland species widely distributed across Canada and the northern USA.

Clubiona norwegica Strand 1900. Holarctic. Across Canada and northern USA. South, in the western mountains, to Utah.

Clubiona opeongo Edwards. A boreal species found across Canada, east of the Rockies. This record extends the species’ known range northward by approximately 3 degrees latitude.

Clubiona trivialis C.L. Koch 1843. Holarctic. Across forested regions of Canada, south to New York in east, to Arizona in west.

DICTYNIDAE (meshweb weavers) (5 species collected)

This is the largest family of cribellate spiders. Most species are quite small – 5 mm long or less (Kaston 1978, Preston-Mafham 1998). Most dictynids use sticky silk emitted from a flat spinning plate called the cribellum in web construction. Their small, rather haphazard webs are often built at the tips of weeds or twigs, or among stones and plant debris on the ground (Dondale *et al.* 1997).

Argenna prominula Tullgren. Holarctic. Northern and montane.

Dictyna annulipes Blackwall. Holarctic. Widespread.

Dictyna arundinacea (Linnaeus 1758). Two females collected. Holarctic. Northern and montane.

Dictyna manitoba Ivie 1947. One female collected. Widely distributed in North America.

Dictyna sp. One female collected.

GNAPHOSIDAE (ground spiders) (12 species collected)

Most gnaphosids spend their day under logs, plant debris or stones. They often build a tubular retreat from which they emerge at night to hunt and mate. Their eight eyes are very small, befitting spiders that are mainly nocturnal hunters and that rely on touch and smell, rather than sight, to locate prey (Preston-Mafham 1998). Their bodies are usually uniformly dark in colour and many species appear superficially alike (Dondale *et al.* 1997).

Drassodes mirus Platnick & Shadab 1976. This uncommon and poorly known species was described by

Platnick & Shadab (1976) from specimens collected in alpine sites in Colorado and from Waterton Lake National Park and Nordegg in Alberta. Specimens were subsequently collected from grassland sites near Simmie and North Battleford, Saskatchewan (Buckle, unpublished). Dondale *et al.* (1997) reported the species from alpine tundra and alkaline flats in the southern Yukon, and Koponen (1994) from a palsa bog at Kuujjuarapik, a subarctic site in northern Quebec on the shore of Hudson Bay. Its distribution may prove to be arctic/alpine plus the northern Great Plains, as it is for the Salticid *Chalcoscirtus alpicola* mentioned below.

Gnaphosa borea Kulczynski 1908. A northern species occurring across Canada and in northeastern USA.

South in Rockies to New Mexico. Also found in Siberia.

Gnaphosa brumalis Thorell 1875. Widespread.

Gnaphosa microps Holm 1939. A Holarctic northern species.

Gnaphosa muscorum (L.Koch 1866). Widespread.

Gnaphosa parvula Banks 1896. Northern and central North America.

Gnaphosa sp. 2 females collected.

Haplodrassus hiemalis (Emerton 1909). Holarctic. Widespread.

Haplodrassus signifer (C.L. Koch 1839). Holarctic. Northern.

Micaria aenea Thorell 1871. Holarctic. Northern.

Micaria constricta Emerton 1894. Holarctic. Arctic/alpine in eastern North America. Occurs as far south as California in the west. **First record for Alberta.**

Micaria tripunctata Holm 1978. A low arctic species. **First record for Alberta.**

Zelotes sula Lowrie & Gertsch 1955. Holarctic. A low arctic/alpine species also found on the northern Great Plains.

HAHNIIDAE (dwarf sheet spiders) (3 species collected)

These small spiders, generally 1 to 6 mm in length, build delicate sheet webs, in some cases with a funnel retreat, over small depressions on the ground (Dondale *et al.* 1997). Hahniids can be found in damp places, such as the base of shrubs in the vicinity of water, and can also be found in moss, under stones, in detritus and leaf litter. The spiders generally hide under grains of soil at the edge of the web (Framenau 2006).

Neoantistea magna (Keyserling). Widely distributed: Alaska to Florida.

Hahnia glacialis Soerensen 1898. Subarctic/alpine. Alaska to Greenland and northern New England, south to Colorado.

Hahnia ononidum Simon 1875. Holarctic. Widespread in western North America. Lehtinen (1967) synonymized the Nearctic *Hahnia inornata* Chamberlin & Ivie 1942 with the Palaearctic *H. ononidum*. Opell and Beatty, in their 1976 revision of the Hahniids of North America, concurred, but Dondale *et al.* (1997) doubted the validity of the synonymy and reverted to the use of *inornata*.

LINYPHIIDAE

Subfamily Linyphiinae (sheetweb weavers) (21 species collected)

Most of the spiders of this subfamily weave a sheet-like web with a mesh of sticky threads above it. The spider hangs under the web, waiting for its prey. Flying and jumping insects hit the sticky strands and fall onto the web where they are caught. Most of the species in this subfamily live in litter or moss, though three of the boreal species build webs among the branches of coniferous trees (Dondale *et al.* 1997).

Agyneta allosubtilis Loksa 1965). Holarctic. Found across boreal Canada.

Agyneta olivacea (Emerton 1882). Holarctic. Found across Canada and northern USA.

Agyneta simplex (Emerton 1926). Found across Canada and the northern USA, south in the Rockies to New Mexico.

Aphileta misera (O.Pickard-Cambridge 1182). Holarctic. Northern and temperate North America.

Bathyphantes crosbyi (Emerton 1919). Holarctic. Low arctic, northern boreal, alpine. **First record for Alberta.** This species was treated as a synonym for the Palaearctic species *B. reprobus* (Kulczynski 1916) by Marusik *et al.* (1993). However, Dondale *et al.* (1997) believe that the two species are distinct.

Bathyphantes pallidus (Banks 1892). Widespread.

Bathyphantes simillimus (L. Koch 1879). 16 males and 4 females collected. Holarctic. Boreal. Alpine in northeastern USA. This is the form *sensu* Ivie (1969) with a solidly black abdomen. Wosney and Czajka (1985) synonymized *eumenoides* Holm 1967, which has very similar genitalia but differs in having a patterned abdomen, with *simillimus*. It is presently unclear whether this synonymy is correct. **First record for Alberta.**

Estrandia grandaeva (Keyserling 1886). Holarctic. Northern and eastern North America.

Kaestneria pullata (O.Pickard-Cambridge 1863). Holarctic. Northern and temperate North America.

Leptyphantes alpinus (Emerton 1882). Alaska to Newfoundland, south to Washington, Colorado, and northern New England; Chukotka Peninsula in eastern Siberia (Marusik 1991).

Leptyphantes complicatus (Emerton 1882). Holarctic. Northern North America.

Leptyphantes washingtoni Zorsch 1937. Occurs across Canada and northern USA. **First record for Alberta.**

Leptyphantes sp. One male collected.

Microlinyphia mandibulata (Emerton 1882). Northern and temperate North America.

Microneta viaria (Blackwall 1841). Holarctic. Widespread in North America.

Neriene clathrata (Sundevall 1830). Holarctic. Northern and temperate North America.

Oreonetides vaginatus (Thorell 1872). Holarctic. Northern and temperate North America.

Pityophyantes limitaneus (Emerton 1915). Boreal. Webs on trees beside water.

Pityophyantes subarcticus Chamberlin & Ivie 1943. Boreal. Webs on conifers.

Stemonyphantes blauveltae Gertsch 1951. Northern and temperate Nprth America.

Tennesseeellum formicum (Emerton 1882). Widespread in North America.

LINYPHIIDAE

Subfamily Erigoninae (dwarf weavers) (46 species collected)

This is a large subfamily of mostly very small spiders – sometimes referred to as dwarf spiders. They rarely exceed 2 mm in body length. They are more common in the cooler parts of the world than in the tropics. Their populations often reach very high numbers in suitable habitats (Preston-Mafham 1998). The majority are litter dwellers that feed on springtails and similar prey (Dondale *et al.* 1997).

Baryphyma kulczynskii (Eskov 1979). This rarely collected species occurs in northern North America and eastern Siberia.

Baryphyma trifrons (O.Pickard-Cambridge 1863). Holarctic. Found across Canada and in northern USA. **First record for Alberta.**

Ceraticelus sp. Two females collected. This is the same species as the one recorded as *Ceraticelus* sp. in Nordstrom & Buckle (2002).

Ceratinopsis stativa (Simon 1881). Holarctic. Widespread in Canada.

Diplocentria bidentata (Emerton 1882). Holarctic. Widely distributed over northern and temperate North America.

Diplocephalus subrostratus (O.Pickard-Cambridge 1873). Widespread across Canada and northern USA.

Desmodicus alticeps Chamberlin & Ivie 1947. Holarctic. Found across boreal Canada and in Siberia.

Desmodicus decemoculatus (Emerton 1882). Found across Canada and in northeastern USA.

Eperigone undulata (Emerton 1914). Found across Canada and in northeastern USA

Erigone alsaida Crosby & Bishop. Occurs across Canada and the northern USA. Specimens from Lake Athabasca reported as *Erigone* sp. #1 in Nordstrom & Buckle (2002) belong to this species.

Erigone blaesa Crosby & Bishop. Widespread.

Erigone dentigera O.P.-Cambridge 1874. Northern and temperate regions of North America, except for west coast.

Erigone zographica Crosby & Bishop 1928. Occurs across northern North America.

Gonatium crassipalpum Bryant 1933. Widely distributed over northern and temperate North America.

Grammonota gigas (Banks 1896). Northern North America.

Grammonota vittata Barrows 1919. Two females collected. Occurs across Canada, east of the Rockies, and in northeastern USA. **First record for Alberta** and an extension of its range west from Saskatchewan.

Hilaira herniosa (Thorell 1875). One male collected. Holarctic. Boreal North America from Alaska to Newfoundland.

Horcotes quadristictus (Emerton 1882). Found across Canada and in northeastern USA and Greenland.

Hybauchenidium gibbosum (Soerensen 1898). Holarctic. Northern North America, Greenland.

Hypomma marxi (Keyserling 1886). Widely distributed in northern North America. **First record for Alberta.**

Hypsistes florens (O.Pickard-Cambridge 1875). Holarctic. Found across Canada and northern and central USA.

Hypselistes jacksoni (O.Pickard-Cambridge 1875). Holarctic. Arctic/subarctic/montane. **First record for Alberta.**

There is an unpublished record for Hunt Falls in far northern Saskatchewan which is the easternmost record for the species.

Maso sundevalli (Westring 1851). Holarctic. Occurs across Canada and northern and central USA.

Mecynargus paetus (O. Pickard-Cambridge 1875). Holarctic. Low arctic, Greenland. **First record for Alberta.**

Oedothorax trilobatus (Banks 1896). Found across Canada and in northern USA.

Pelecopsis mengei (Simon 1884). Holarctic. Found across Canada and in northeastern USA.

Pocadicnemis americana Millidge 1976. Temperate and northern North America.

Satilatlas gertschi Millidge 1981. Millidge described this species from a male and female collected from “bog forest” at Edmonton. Subsequently, Dondale *et al.* (1997) reported it from the Yukon. A single male of this species, collected from Colin Lake, Alberta, was reported as *Satilatlas* sp. in Nordstrom & Buckle (2004).

Scyletria inflata Bishop & Crosby 1938. Occurs across Canada east of the Rockies and in northeastern USA.

Found in marshy habitats.

Scotinotylus sacer (Crosby 1929). Low arctic/boreal. South in mountains to Wyoming.

Sisicottus montanus (Emerton 1882). Occurs across Canada, in northeastern USA, and south in the Rocky Mountains to Arizona.

Sisis sp., nr. *rotundus*. *Sisis rotundus* (Emerton 1925) is a species of the Pacific northwest, with a range extending from Washington to Alaska. East of the Rockies, from Alberta to Quebec, a closely related species occurs with genitalia identical or nearly identical to *rotundus*. The males, however, have a small cephalic pit, which is not present in *rotundus* proper, to the rear of the posterior lateral eye. Both forms have been treated as *rotundus* in the literature, including Buckle *et al.* (2001).

Tmeticus ornatus (Emerton 1914). Found in Canada and northeastern USA. **First record for Alberta.**

Tmeticus affinis (Blackwall 1855). One male collected. A Holarctic species known from northern Europe and east to Kamchatka. **First record for North America.**

Tunagyna debilis (Banks 1892). Northern North America and Siberia.

Walckenaeria atrotibialis (O.Pickard-Cambridge 1878). Holarctic. Northern North America.

Walckenaeria auranticeps (Emerton 1882). Temperate and northern North America.

Walckenaeria castanea (Emerton 1882). Northern North America, Greenland

Walckenaeria communis (Emerton 1882). Temperate and northern North America.

Walckenaeria karpenskii (O.Pickard-Cambridge 1873). Holarctic. Low arctic/alpine, Greenland. Extends into boreal, at least in Alberta where it has been previously collected from Rocky Mountain House, Slave Lake and 90 km northwest of Peace River.

Walckenaeria kochii (O.Pickard-Cambridge 1892). Holarctic. Boreal Canada. *Walckenaeria fusciceps* Millidge 1983 was long suspected of being a synonym of the Palaearctic *W. kochii*. The recent comparison of European specimens of *W. kochii* with *W. fusciceps* by C.D. Dondale, P. Paquin and N. Dupérré (unpublished) confirmed this and the name *kochii* was used in Paquin & Dupérré (2003).

Walckenaeria tricornis ((Emerton 1882)). Northern North America.

Walckenaerianus aimakensis Wunderlich 1994. A Holarctic species previously known from Tuva, Mongolia, the Magadan region and Yakutia (Marusik *et al.* 2000). Twenty males and five females were collected from waterside locations near Wentzel Lake. Identification of these specimens was confirmed by comparing them with material from Tuva and Mongolia (Marusik, pers. comm.). **First record for North America.**

Zornella cultigera Jackson 1932. Holarctic. Found across boreal Canada and in northeastern USA.

Undetermined genus #1. Three females collected.

Undetermined genus #2. Two females collected.

LYCOSIDAE (wolf spiders) (16 species collected)

The lycosids, or wolf spiders, are mainly dark-bodied, strong-legged hunters that live on the ground. Many do not have any kind of permanent home. They have fairly sensitive vision that is aided by two large eyes in the centre of the face, flanked by two smaller eyes. A further row of four small eyes lies beneath them (Preston-Mafham 1998). In areas outside the tropics, they either “sit and wait” for moving prey or they simply run it

down; in the tropics, they spin webs. The females carry their egg sacs about on the spinnerets until hatching time, after which they carry the young on their backs for a time (Dondale *et al.* 1997).

Alopecosa aculeata (Clerck 1757). Holarctic. Temperate and northern North America.

Arctosa alpigena Doleschall 1852. Holarctic. Arctic, alpine, boreal

Arctosa raptor Kulczynski 1885. Siberia and northern North America. Boreal to low arctic.

Pardosa concinna (Thorell 1877). Open habitats, from low arctic to northern Great Plains.

Pardosa furcifera (Thorell 1875). Low arctic, extending into boreal in Alberta where specimens have been found as far south as Athabasca. They are also found in Greenland.

Pardosa fuscula (Thorell 1875). Holarctic. Low arctic to northern and alpine USA

Pardosa hyperborea (Thorell 1872). Holarctic. Low arctic to boreal.

Pardosa mackenziana (Keyserling 1877). Nearctic, Boreal. Alaska to Newfoundland, south to northern California, Colorado, and Connecticut (Dondale *et al.* 1997).

Pardosa moesta Banks 1892. Nearctic, Boreal. Alaska to Newfoundland, south to Utah, Colorado, and Tennessee (Dondale *et al.* 1997).



Pardosa moesta

Photo by D. Buckle

Pardosa tesquorum (Odenwall 1901). Holarctic. Low arctic to northern USA

Pardosa uintana Gertsch 1933. Northern and montane, south to Utah.

Pardosa xerampelina (Keyserling 1877). Widely distributed: northern boreal to southern USA

Pirata bryantae Kurata 1944. A northern species occurring from Alaska to Newfoundland.

Pirata canadensis Dondale & Redner 1980. A mainly boreal species occurring across Canada from British Columbia to Nova Scotia.

Pirata insularis Emerton 1885. Widely distributed.

Pirata piraticus (Clerck 1757). Holarctic. Low arctic to southern USA.

PHILODROMIDAE (philodromid crab spiders) (8 species collected)

The spiders in this and the Thomisidae are crablike in both shape and movement, walking forward, sideways or backward, with equal facility. They have flattened bodies and long legs. The males are much smaller than the females but have much longer legs in proportion to their bodies (Preston-Mafham 1998). The philodromids live mainly on the foliage of trees and shrubs or on the slippery surfaces of stones. Lithe and swift, they are "sit and wait" predators waiting in ambush on flowers, leaves, bark, rocks or soil. They do not build prey-catching webs. In retreat they instantly shuffle into crevices, hidden from sight. They are believed to feed mainly on springtails and small flies. These spiders can reach lengths of up to 8 mm (Dondale *et al.* 1997, Dondale and Redner 1978).

Philodromus alascensis Keyserling 1884. Holarctic. Across Canada and south in western mountains to Arizona and New Mexico.

Philodromus cespitum (Walckenaer). Holarctic. Widespread.

Philodromus mysticus Dondale & Redner 1975. Widely distributed in the boreal from British Columbia to Newfoundland, but rarely collected.

Philodromus placidus Banks 1892. Widespread from the northern boreal south to Mexico.

Philodromus peninsulaus Gertsch 1934. One male collected. *P. peninsulaus* was considered to be an eastern species occurring from southern Manitoba and Ontario south to Florida (Dondale & Redner 1978). This collection extends its range significantly north and west to northern Alberta. **First record for Alberta.**

Thanatus striatus C.L. Koch 1845. Holarctic. Across Canada and south to Connecticut in the east, to California in the western mountains.

Tibellus maritimus (Menge 1875). Holarctic. Widely distributed.

Tibellus oblongus (Walckenaer 1802). Holarctic. Widely distributed.

PISAURIDAE (nursery web spiders) (1 species collected)

Pisaurids are similar to wolf spiders but the eyes are more or less all the same size. The female also carries her egg-sac, as in wolf spiders but holds it beneath the front of her body, suspended from her fangs and pedipalps (Preston-Mafham 1998). Pisaurids are called nurseryweb spiders because of the tent-like silken nursery in which the female suspends the egg sac as hatching approaches. The female “stands guard” on the outside of the nursery. At first, young spiders use the silken nursery for shelter but later disperse into a solitary hunting mode of life. The prey are hunted as in the Lycosidae – either “sitting and waiting” for moving prey or simply running it down. Their preferred habitats are the margins of lakes or ponds, and these spiders can hunt under water (Dondale *et al.* 1997).

Dolomedes triton (Walckenaer). Widespread in North America.



Dolomedes triton
Photo by R. Holmberg

SALTICIDAE (jumping spiders) (4 species collected)

Jumping spiders do not rely on webs to capture prey. Many of the males have an iridescent, jewel-like color, and often look quite different from the much drabber females. The most obvious character of the salticids is a pair of disproportionately large eyes. They have eight eyes; the two large ones face forward and can be focused very accurately from as far away as 50 cm. The other eyes are smaller, and help to detect movement and fix the prey’s position (Preston-Mafham 1998). With keen binocular vision and great agility they roam about over plants and stones, detect their prey by sight, and, cat-like, spring upon it. These spiders can leap up to 30 times their own length. Before leaping they fasten a safety thread to the substrate and are thus able to regain their position, even on vertical walls, after taking to the air (Buddle and Shorthouse 2000, Dondale *et al.* 1997).

Chalcoscirtus alpicola (L.Koch 1876). Holarctic. An arctic/alpine species also found on the northern Great Plains (Cutler 1990). **First record for Alberta.**

Evarcha proszynskii Marusik & Logunov 1997. Holarctic. Western Canada and Siberia.

Pelegrina montana (Emerton 1891). A northern/montane species found from Alaska and Utah south to New Mexico and east to Newfoundland and northeastern USA.

Sitticus ranieri Peckham & Peckham 1909. Holarctic. Northern/montane.

TETRAGNATHIDAE (long-jawed orb weavers) (4 species collected)

The tetragnathids are long-bodied, long-legged spiders which, like the araneids, build orb webs. The webs constructed by these spiders are seldom vertical but are usually inclined at an angle and are sometimes horizontal (Preston-Mafham 1998). The webs are complete orbs with open hubs, and have relatively few radii and few spirals. Most build in tall grass or in shrubs near water, and their prey is often the flying stage of aquatic insects (Dondale *et al.* 1997, Kaston 1978).

Pachygnatha clercki Sundevall 1823. Holarctic. Northern.



Pachygnatha clercki
Photo by D. Buckle

Tetragnatha caudata Emerton. Widespread.

Tetragnatha extensa (Linnaeus 1758). Holarctic. Boreal/Hudsonian.

Tetragnatha versicolor Walckenaer 1841. Widespread.

THERIDIIDAE (comb-footed spiders) (6 species collected)

These are the comb-footed spiders, so called because the hind tarsi are fitted with a row of stiff serrated setae by means of which the spider can fling, from a safe distance, loops of sticky silk over a struggling prey; in this way they can subdue even large fierce beetles or wasps. The web is an irregular tangle placed in shrubs and trees or in litter and among stones. They often suspend themselves from their snares in an inverted position while awaiting their prey (Dondale *et al.* 1997, Kaston 1978).

Robertus fuscus (Emerton 1894). Northern/montane.

Steatoda albomaculata (de Geer 1776). Holarctic. Widespread.

Theridion differens Emerton 1882. Widespread.

Theridion olhertii (Thorell 1870). Holarctic. Across Canada in northern boreal and subarctic. South, in the western mountains, to New Mexico and California. This species was transferred to *Achaearanea* by Heimer & Nentwig (1991) without comment but presumably because its abdomen is higher than long. Its genitalia appear closer to *Theridion* and it should be left in that genus pending more thorough study.

Theridion pictum (Walckenaer). Holarctic. Widespread

Thymoites minnesota (Levi 1964). Canada and northern USA. Associated with marshy, waterside sites.

THOMISIDAE (thomisid crab spiders) (13 species collected)

The spiders in this and the Philodromidae are crablike in both shape and movement, walking forward, sideways or backward, with equal facility (Preston-Mafham 1998). The thomisids are mainly dark-bodied, rather flat hunting spiders. These spiders are wanderers and secure their prey by stealth; some ambush pollinating insects. They do not weave snares or retreats. They have long strong front legs with which they grapple and hold prey while they feed. Most species are inhabitants of ground litter in grasslands and forests. Thomisids can reach lengths of up to 11 mm (Dondale and Redner 1978, Dondale *et al.* 1997, Kaston 1978).

Coriarachne utahensis (Gertsch 1932). Widespread.

Misumena vatia (Clerck). Holarctic. Widespread.

Ozyptila gertschi Kurata 1944. Holarctic. Northern North America.

Ozyptila sincera canadensis Dondale & Redner 1975. Holarctic, Boreal. Alaska to Newfoundland, south to Colorado and Minnesota; Asia (Dondale *et al.* 1997).

Xysticus britcheri Gertsch 1934. Occurs across Canada and in northern USA.

Xysticus canadensis Gertsch 1934. Across Canada and south into northeastern USA.

Xysticus ellipticus Turnbull *et al.* 1965. Across Canada and south in the mountains of the west to Colorado and Texas.

Xysticus emertoni Keyserling 1880. Widespread.



Xysticus emertoni
Photo by D. Buckle

Xysticus ferox (Hentz 1847). Widespread.

Xysticus keyserlingi Bryant 1930. An arctic/alpine species. **First record for Alberta.**

Xysticus luctuosus (Blackwall 1836). Holarctic. Northern.

Xysticus obscurus Collett 1876. Holarctic. Northern.

Xysticus triguttatus Keyserling 1880. Widespread. This appears to be the northernmost record for the species.

TITANOECIDAE (titanoecid spiders) (1 species collected)

The titanoecids are a cribellate group of spiders (i.e., have a distinctive organ for silk production), like the amaurobiids with which they were formerly associated. They have habits that are similar to the amaurobiids. The titanoecids usually build their open-meshed webs among the leaf litter on the forest floor (Hancock and Hancock 2003). This family is represented in Canada by only four species.

Titanoeca silvicola Chamberlin & Ivie 1947. Holarctic. Northern. While Marusik (1995) recently synonymized *T. silvicola* with *Titanoeca nivalis* Simon 1874, Leech (1972) considered *Titanoeca silvicola* Chamberlin & Ivie 1947 to be a Holarctic species distinct from but closely related to the exclusively Palaearctic *Titanoeca nivalis*. We are provisionally following Leech's usage here.

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Agelenidae	Agelenopsis utahana Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10	1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Agelenidae	Agelenopsis utahana Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	8			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Agelenidae	Agelenopsis utahana Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	13	2		9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Agelenidae	Agelenopsis utahana Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Agelenidae	Agelenopsis utahana Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	19	1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Agelenidae	Agelenopsis utahana Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Amaurobiidae	Arctobius agelenoides (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Amaurobiidae	Arctobius agelenoides (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Amaurobiidae	Arctobius agelenoides (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		4	1puM	6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Amaurobiidae	Cybaeopsis euoplus (Bishop & Crosby)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Amaurobiidae	Cybaeopsis euoplus (Bishop & Crosby)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Amaurobiidae	Cybaeopsis euoplus (Bishop & Crosby)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	2		15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Araneidae	Aranella displicata (Hentz)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28			1	8 July 2003			G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655680 N 62460 E
Araneidae	Araneus iviei (Archer)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Araneidae	Hypsosinga groenlandica Simon	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Araneidae	Hypsosinga groenlandica Simon	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Araneidae	Larinoides patagiatus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Araneidae	Larinoides patagiatus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Araneidae	Larinoides patagiatus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Fish camp		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654750 N 64230 E
Araneidae	Larinoides patagiatus (Clerck)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		1		8 July 2003			G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655680 N 62460 E
Araneidae	Larinoides patagiatus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	3		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Araneidae	Larinoides patagiatus (Clerck)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Site 1	sweeping	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Araneidae	Larinoides patagiatus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Araneidae	Larinoides patagiatus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Araneidae	Neoscona arabesca (Walckenaer)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28			1	8 July 2003			G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655680 N 62460 E
Clubionidae	Clubiona bryantae Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Clubionidae	Clubiona bryantae Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	12	1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Clubionidae	Clubiona bryantae Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	14	4		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Clubionidae	Clubiona canadensis Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Clubionidae	Clubiona canadensis Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Clubionidae	Clubiona canadensis Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Clubionidae	Clubiona canadensis Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003	Base camp. Pine logs		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Clubionidae	Clubiona canadensis Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			9-11 July 2003	Base camp	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Clubionidae	Clubiona furcata Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Clubionidae	Clubiona furcata Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Clubionidae	Clubiona furcata Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Clubionidae	Clubiona furcata Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		6		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Clubionidae	Clubiona kulczynskii Lessert	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Clubionidae	Clubiona kulczynskii Lessert	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Clubionidae	Clubiona kulczynskii Lessert	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Clubionidae	Clubiona kulczynskii Lessert	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Clubionidae	Clubiona kulczynskii Lessert	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Clubionidae	Clubiona kulczynskii Lessert	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10	1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Clubionidae	Clubiona norvegica Strand	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Clubionidae	Clubiona norvegica Strand	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Clubionidae	Clubiona norvegica Strand	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Clubionidae	Clubiona norvegica Strand	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Clubionidae	Clubiona norvegica Strand	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Clubionidae	Clubiona norvegica Strand	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7	3		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Clubionidae	Clubiona opeongo Edwards	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Clubionidae	Clubiona trivalis C.L.Koch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Dictynidae	Argenna prominula Tullgren	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Dictynidae	Argenna prominula Tullgren	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Dictynidae	Argenna prominula Tullgren	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Dictynidae	Argenna prominula Tullgren	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10-11 July 2003	Base camp.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Dictynidae	Argenna prominula Tullgren	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Dictynidae	Argenna prominula Tullgren	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Dictynidae	Dictyna annulipes Blackwall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 June 2003	Beach, open pine, reindeer moss & Vaccinium	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Dictynidae	Dictyna annulipes Blackwall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	2		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Dictynidae	Dictyna annulipes Blackwall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Dictynidae	Dictyna annulipes Blackwall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Dictynidae	Dictyna arundinacea (Linneus)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003			G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655680 N 62460 E
Dictynidae	Dictyna arundinacea (Linneus)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Dictynidae	Dictyna manitoba Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Dictynidae	Dictyna sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Gnaphosidae	Drassodes mirus Platnick & Shadab	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5	1		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Gnaphosidae	Gnaphosa borea Kulczynski	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Gnaphosidae	Gnaphosa brumalis Thorell	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Gnaphosidae	Gnaphosa brumalis Thorell	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			10 July 2003			Ted Johnson	SMu	Buckle 2004	
Gnaphosidae	Gnaphosa brumalis Thorell	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	1			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	13	1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	11			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	23			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	25	2		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E

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Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	9	2		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7	1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	36	4		18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 July 2003			Ted Johnson	SMu	Buckle 2004	
Gnaphosidae	Gnaphosa microps Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Gnaphosidae	Gnaphosa muscorum (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Gnaphosidae	Gnaphosa muscorum (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Gnaphosidae	Gnaphosa muscorum (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Gnaphosidae	Gnaphosa muscorum (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Gnaphosidae	Gnaphosa muscorum (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Gnaphosidae	Gnaphosa parvula Banks	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	1			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Gnaphosidae	Gnaphosa parvula Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Gnaphosidae	Gnaphosa parvula Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Gnaphosidae	Gnaphosa parvula Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Gnaphosidae	Gnaphosa sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Gnaphosidae	Gnaphosa sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Gnaphosidae	Haplodrassus hiemalis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Gnaphosidae	Haplodrassus hiemalis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Gnaphosidae	Haplodrassus hiemalis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Gnaphosidae	Haplodrassus hiemalis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Gnaphosidae	Haplodrassus hiemalis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Gnaphosidae	Haplodrassus signifer (C.L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Gnaphosidae	Haplodrassus signifer (C.L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Gnaphosidae	Micaria aenea Thorell	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	1			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Gnaphosidae	Micaria aenea Thorell	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Gnaphosidae	Micaria aenea Thorell	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Gnaphosidae	Micaria constricta Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Gnaphosidae	Micaria tripunctata Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	4		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Gnaphosidae	Micaria tripunctata Holm	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Gnaphosidae	Zelotes sula Lowrie & Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Gnaphosidae	Zelotes sula Lowrie & Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Hahniidae	Hahnia glacialis Soerensen	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Hahniidae	Hahnia glacialis Soerensen	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Hahniidae	Hahnia glacialis Soerensen	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Hahniidae	Hahnia onoridium Simon	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Hahniidae	Neoantisteia magna (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Agyneta allosubtilis Loksa	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Agyneta allosubtilis Loksa	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Agyneta allosubtilis Loksa	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Agyneta allosubtilis Loksa	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	Agyneta allosubtilis Loksa	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Agyneta allosubtilis Loksa	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	Agyneta allosubtilis Loksa	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Agyneta olivacea (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Agyneta olivacea (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Agyneta olivacea (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Agyneta olivacea (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Agyneta olivacea (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Agyneta simplex (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Linyphiidae	Aphileta misera (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Baryphyma kulczynskii (Eskov)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 654950 N 64740 E
Linyphiidae	Baryphyma kulczynskii (Eskov)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Linyphiidae	Baryphyma kulczynskii (Eskov)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Baryphyma trifrons (O. Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Bathyphantes crosbyi (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Bathyphantes crosbyi (Emerton)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		2		7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	Bathyphantes pallidus (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Bathyphantes pallidus (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Linyphiidae	Bathyphantes pallidus (Banks)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	1			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	Bathyphantes pallidus (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Bathyphantes pallidus (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	Bathyphantes simillimus (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Bathyphantes simillimus (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Bathyphantes simillimus (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Bathyphantes simillimus (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Bathyphantes simillimus (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	8	2		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Ceraticelus #1	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Ceraticelus #1	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Ceratinopsis stativa (Simon)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 0647180 N 6549299 E to 0647180 N 6549111 E
Linyphiidae	Diplocentria bidentata (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Diplocentria bidentata (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Diplocentria bidentata (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Diplocentria bidentata (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Diplocentria bidentata (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Diplocentria bidentata (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Dipocephalus subrostratus (O. Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Dismodicus alticeps Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	Dismodicus alticeps Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003			G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655580 N 62460 E
Linyphiidae	Dismodicus decemoculatus (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Dismodicus decemoculatus (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Eperigone undulata (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Erigone alsaida Crosby & Bishop	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	32	4		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 654950 N 64740 E
Linyphiidae	Erigone blaesa Crosby & Bishop	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Linyphiidae	Erigone blaesa Crosby & Bishop	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	14	1		6-11 July 2003	Base camp. Beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 654950 N 64740 E
Linyphiidae	Erigone dentigera O. Pickard-Cambridge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		6		6-11 July 2003	Base camp. Beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 654950 N 64740 E
Linyphiidae	Erigone dentigera O. Pickard-Cambridge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E

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Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Linyphiidae	Erigone zographica Crosby & Bishop	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 064515 N 6550961 E
Linyphiidae	Erigoninae #1	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Erigoninae #1	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Erigoninae #2	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Erigoninae #2	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Estrandia grandaeva (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Estrandia grandaeva (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Estrandia grandaeva (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Estrandia grandaeva (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Estrandia grandaeva (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Gonatium crassipalpum Bryant	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 0647001 N 6549299 E to 0647180 N 654911E
Linyphiidae	Gonatium crassipalpum Bryant	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Gonatium crassipalpum Bryant	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Grammonota gigas (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Grammonota gigas (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	Grammonota vittata Barrows	Canada	AB	Horseshoe Lake, E end, Caribou Mountains Wildland	59 02	114 28		1		11 July 2003	Beach, open pine, reindeer moss & Vaccinium		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6590080 N 55725 E
Linyphiidae	Grammonota vittata Barrows	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		8 July 2003	Birch point.		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	Hilaire herniosa (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Horocles quadricristatus (Emerlton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Linyphiidae	Hybauchenidium gibbosum (Soernsen)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		4		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	Hybauchenidium gibbosum (Soernsen)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		7-11 July 2003		pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	Hybauchenidium gibbosum (Soernsen)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		5		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Hybauchenidium gibbosum (Soernsen)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	Hybauchenidium gibbosum (Soernsen)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Hypomma marxii (Keyserling)	Canada	AB	Horseshoe Lake, E end, Caribou Mountains Wildland	59 02	114 28	3			11 July 2003	Fen trail		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6590080 N 55725 E
Linyphiidae	Hypomma marxii (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Hypsistestes florens (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Hypsistestes florens (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003	Base camp. Pine logs		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Hypsistestes florens (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Sedge meadow		Ted Johnson	SMu	Buckle 2004	UTM 655580 N 62460 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Linyphiidae	<i>Hypselistes florens</i> (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003		Sweeping	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	<i>Hypselistes jacksoni</i> (O.Pickard-Cambridge)	Canada	AB	Horseshoe Lake, E end, Caribou Mountains Wildland	59 02	114 28		3		11 July 2003	Fen trail		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6590080 N 55725 E
Linyphiidae	<i>Hypselistes jacksoni</i> (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Linyphiidae	<i>Kaestneria pullata</i> (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Kaestneria pullata</i> (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Linyphiidae	<i>Kaestneria pullata</i> (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		3		9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	4		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	2		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4	1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	2			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	2		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Lepthyphantes sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	<i>Lepthyphantes washingtoni</i> Zorsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Maso sundevalli</i> (Westring)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	<i>Maso sundevalli</i> (Westring)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	<i>Maso sundevalli</i> (Westring)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10-11 July 2003	Base camp.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	<i>Maso sundevalli</i> (Westring)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	<i>Maso sundevalli</i> (Westring)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	15			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	<i>Mecynargus paetus</i> (O. Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	2		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Mecynargus paetus</i> (O. Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Microlinyphia mandibulata</i> (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Linyphiidae	<i>Microneta viaria</i> (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	<i>Microneta viaria</i> (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	<i>Microneta viaria</i> (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	<i>Neriene clathrata</i> (Sundevall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Neriene clathrata</i> (Sundevall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	<i>Oedothorax trilobatus</i> (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	<i>Oedothorax trilobatus</i> (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	6			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Oedothorax trilobatus</i> (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	6	3		17 June 2003	Along creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Oreonetides vaginatus</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Linyphiidae	<i>Pelecopsis mengei</i> (Simon)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	<i>Pelecopsis mengei</i> (Simon)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7-11 July 2003		pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	<i>Pelecopsis mengei</i> (Simon)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	<i>Pityophantes limataeus</i> Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Site 1	sweeping	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7-11 July 2003		pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5	1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Linyphiidae	<i>Satilatlas gertschi</i> Millidge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10	17		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Linyphiidae	<i>Satilatlas gertschi</i> Millidge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7-11 July 2003		pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	<i>Satilatlas gertschi</i> Millidge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Satilatlas gertschi</i> Millidge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	<i>Scotinotylus sacer</i> (Crosby)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	<i>Scotinotylus sacer</i> (Crosby)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		3		10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	<i>Scotinotylus sacer</i> (Crosby)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Linyphiidae	Scotinotylus sacer (Crosby)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		4		15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Scylectria inflata Bishop & Crosby	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Scylectria inflata Bishop & Crosby	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Scylectria inflata Bishop & Crosby	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Sisicottus montanus (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Sisis sp., nr. rotundus	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		15-17 July 2003			Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Sisis sp., nr. rotundus	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Sisis sp., nr. rotundus	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Stemonophantes blauveltae Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Linyphiidae	Tennesseellum formicum (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Linyphiidae	Tmeticus affinis (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Linyphiidae	Tmeticus ornatus Menge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8 July 2003	Sand point. Beach drift line		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6544660 N 64620 E
Linyphiidae	Tmeticus ornatus Menge	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Tunagyna debilis (Banks)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Walckenaeria atritibialis (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaeria atritibialis (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Linyphiidae	Walckenaeria auranticeps (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Walckenaeria castanea (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaeria castanea (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Linyphiidae	Walckenaeria castanea (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		6		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		3		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	Walckenaeria communis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		3		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5			10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	6			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	Walckenaeria karpinskii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Walckenaeria kochii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaeria kochii (O.Pickard-Cambridge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaeria tricornis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Walckenaeria tricornis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Linyphiidae	Walckenaeria tricornis (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Linyphiidae	Walckenaerianus aimakensis Wunderlich	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Walckenaerianus aimakensis Wunderlich	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	13	1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Walckenaerianus aimakensis Wunderlich	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	4		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Linyphiidae	Walckenaerianus aimakensis Wunderlich	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Linyphiidae	Zornella cultrigera (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Linyphiidae	Zornella cultrigera (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Linyphiidae	Zornella cultrigera (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Zornella cultrigera (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Linyphiidae	Zornella cultrigera (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		4		9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Linyphiidae	Zornella cultrigera (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		7-11 July 2003		pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Linyphiidae	Zornella cultrigera (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		8		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1	1puF	13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	<i>Pardosa concinna</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Lycosidae	<i>Pardosa concinna</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	17	1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	<i>Pardosa furcata</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	<i>Pardosa furcata</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	<i>Pardosa furcata</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	<i>Pardosa furcata</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Lycosidae	<i>Pardosa furcata</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	16			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		1		7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10	3		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Lycosidae	Pardosa fuscula (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Lycosidae	Pardosa fuscula (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa fuscula (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Lycosidae	Pardosa fuscula (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	38	4	1es	7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	23	4		6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	48	2		18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	3	1		7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	49	10	2es	7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	14	7		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 July 2003			Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	60			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10	5	1es	18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	60			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	52			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	8	1		15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	8	1		17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		25	3es	13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		19		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10-11 July 2003	Base camp		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		12		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Lycosidae	Pardosa hyperborea (Thorell)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa mackenziana (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1	1	14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Lycosidae	Pardosa mackenziana (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	Pardosa mackenziana (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1	1	6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa mackenziana (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa mackenziana (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1	1	18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Lycosidae	Pardosa mackenziana (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	2		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Lycosidae	Pardosa mackenziana (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	4		9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7	3		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	12	13		7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	27	9		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	77	8		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	9			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	8	2		8 July 2003	Birch point		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10	1		17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			10 July 2003			Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	71	18		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	8	2		6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa moesta Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Lycosidae	Pardosa tesquorum (Odenwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Lycosidae	Pardosa tesquorum (Odenwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4	1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa tesquorum (Odenwall)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	13	7		7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	36			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	46	11		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	14	26		15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	40	14		13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	13	20		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	36	4		10 June 2003	Beach, open pine, reindeer moss & Vaccinium	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	12	25	6es	14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		30	1es	6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	9	1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1	1es	10-11 July 2003	Base camp	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	11	5		6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	21	3es	18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	27	4		15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	13	3		18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	13	3	1es	13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5	1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		6	1es	18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	50	9		17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1	1es	10 July 2003	Base camp. Pine logs		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		10		17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	17		9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	15	8		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa uintana Gertsch	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	5	5		7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Lycosidae	Pardosa xerampelina (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 July 2003			Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pardosa xerampelina (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit raps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Lycosidae	Pardosa xerampelina (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		9-11 July 2003	Birch point.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Lycosidae	Pardosa xerampelina (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pardosa xerampelina (Keyserling)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	10	6		7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Lycosidae	Pardosa xerampelina (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pardosa xerampelina (Keyserling)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pirata bryantae Kurata	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pirata bryantae Kurata	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pirata bryantae Kurata	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pirata bryantae Kurata	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Lycosidae	Pirata bryantae Kurata	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Lycosidae	Pirata bryantae Kurata	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pirata bryantae Kurata	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4	1		18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pirata canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pirata insularis Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pirata insularis Emerton	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pirata insularis or canadensis	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Lycosidae	Pirata piraticus (Clerck)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	3			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Lycosidae	Pirata piraticus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7	2		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Lycosidae	Pirata piraticus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Lycosidae	Pirata piraticus (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Philodromidae	Philodromus alascanus Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Philodromidae	Philodromus cespitum (Walckenaer)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Philodromidae	Philodromus cespitum (Walckenaer)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Philodromidae	Philodromus mysticus Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Philodromidae	Philodromus peninsulae Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 July 2003			G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 653920 N 64370 E
Philodromidae	Philodromus placidus Banks	Canada	AB	Horseshoe Lake, E end, Caribou Mountains Wildland	59 02	114 28	1			11 July 2003	Fen trail		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6590080 N 55725 E
Philodromidae	Philodromus placidus Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 July 2003			Ted Johnson	SMu	Buckle 2004	
Philodromidae	Philodromus placidus Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Philodromidae	Philodromus placidus Banks	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Philodromidae	Thanatus striatus C.L.Koch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Philodromidae	Thanatus striatus C.L.Koch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Philodromidae	Thanatus striatus C.L.Koch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		9-11 July 2003	Birch point		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8-10 July 2003	South beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		8 July 2003	Sand point. Beach drift line		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6544660 N 64620 E
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003			Ted Johnson	SMu	Buckle 2004	

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Philodromidae	Tibellus maritimus (Menge)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Philodromidae	Tibellus oblongus (Walckenaer)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Pisauridae	Dolomedes triton (Walckenaer)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		1		8 July 2003	Site 1. On water		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Salicidae	Chalcoscytus alpicola (L.Koch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1	1	6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Salicidae	Evarcha proszynskii Marusik & Logunov	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Salicidae	Pelegrina montana (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003	South beach	sweeping	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Salicidae	Sitticus ranieri Peckham & Peckham	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Salicidae	Sitticus ranieri Peckham & Peckham	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Tetragnathidae	Pachygnatha clercki Sundevall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Tetragnathidae	Pachygnatha clercki Sundevall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Tetragnathidae	Pachygnatha clercki Sundevall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Tetragnathidae	Pachygnatha clercki Sundevall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	6	3		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Tetragnathidae	Pachygnatha clercki Sundevall	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Tetragnathidae	Tetragnatha caudata (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Tetragnathidae	Tetragnatha extensa (Linnaeus)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	9	15		16 July 2003	Horsetail meadow	sweeping	Ted Johnson	SMu	Buckle 2004	UTM 0645415 N 6550961 E
Tetragnathidae	Tetragnatha extensa (Linnaeus)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			8 July 2003	Birch point		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Tetragnathidae	Tetragnatha extensa (Linnaeus)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Tetragnathidae	Tetragnatha extensa (Linnaeus)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		8 July 2003	Fish & Wildlife cabin		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654400 N 64790 E
Tetragnathidae	Tetragnatha extensa (Linnaeus)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	1		6 July 2003	Base camp.	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Tetragnathidae	Tetragnatha extensa (Linnaeus)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E
Tetragnathidae	Tetragnatha sp.	Canada	AB	Horseshoe Lake, E end, Caribou Mountains Wildland	59 02	114 28		1		11 July 2003	Fen trail		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6590080 N 55725 E
Tetragnathidae	Tetragnatha sp.	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		1		8 July 2003	Site 1		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Tetragnathidae	Tetragnatha sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959
Tetragnathidae	Tetragnatha sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		8 July 2003	Sand point	sweeping	G.J.Hilchie, J.S.Hilchie	DJB	Buckle 2004	UTM 6544660 N 64620 E. With polysphinctine larva
Tetragnathidae	Tetragnatha sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		2		10 July 2003	Lake outlet		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 653920 N 64370 E
Tetragnathidae	Tetragnatha sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Tetragnathidae	Tetragnatha sp.	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Birch, spruce, rock	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0645672 N 6550457 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Tetragnathidae	Tetragnatha versicolor Walckenaer	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Tetragnathidae	Tetragnatha versicolor Walckenaer	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Tetragnathidae	Tetragnatha versicolor Walckenaer	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Tetragnathidae	Tetragnatha versicolor Walckenaer	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	2		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Tetragnathidae	Tetragnatha versicolor Walckenaer	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Theridiidae	Robertus fuscus (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Theridiidae	Robertus fuscus (Emerton)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Theridiidae	Steatoda albomaculata (de Geer)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1	1puM	8 July 2003	Sand point. Beach drift line		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6544660 N 64620 E
Theridiidae	Theridion differens Emerton	Canada	AB	Horseshoe Lake, E end, Caribou Mountains Wildland	59 02	114 28		1		11 July 2003	Fen trail		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 6590080 N 55725 E
Theridiidae	Theridion ohlertii (Thorell 1870)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		10 July 2003	South beach	sweeping	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Theridiidae	Theridion pictum (Walckenaer)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Theridiidae	Theridion pictum (Walckenaer)	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28		1		7 July 2003	Site 1	sweeping	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Theridiidae	Thymoites minnesota Levi	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Thomisidae	Coriarachne utahensis (Gertsch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Thomisidae	Coriarachne utahensis (Gertsch)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Thomisidae	Misumena vatia (Clerck)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28			1	8 July 2003	Fish & Wildlife cabin		G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654400 N 64790 E
Thomisidae	Ozyptila gertschi Kurata	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	9	1		15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	11	1		15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Along creek	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647468 N 6549959 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	1			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4	1		10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E

Appendix 2. Spiders Collected from Caribou Mountains Wildland Park.

Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Thomisidae	Ozyptila sincera canadensis Dondale & Redner	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus britcheri Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Thomisidae	Xysticus britcheri Gertsch	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Thomisidae	Xysticus canadensis Gertsch 1934	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus canadensis Gertsch 1934	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus canadensis Gertsch 1934	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	4			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus canadensis Gertsch 1934	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus canadensis Gertsch 1934	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			10 July 2003			Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus canadensis Gertsch 1934	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus ellipticus Turnbull	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Thomisidae	Xysticus emertoni Keyserling	Canada	AB	Wentzel River, Caribou Mountains Wildland	59 02	114 28	3			7-11 July 2003	Site 1	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655470 N 64350 E
Thomisidae	Xysticus emertoni Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			7 July 2003	Grass, willows - edge of creek		Ted Johnson	SMu	Buckle 2004	UTM 0647468 E 6549959
Thomisidae	Xysticus emertoni Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Xysticus emertoni Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1	1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Xysticus emertoni Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus emertoni Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	6			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Thomisidae	Xysticus emertoni Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Xysticus emertoni Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Grassy creek bank	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647488 N 6549959 E
Thomisidae	Xysticus ferox (Hentz)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus keyserlingi Bryant	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Thomisidae	Xysticus keyserlingi Bryant	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus keyserlingi Bryant	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus luctuosus (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Xysticus luctuosus (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Xysticus luctuosus (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus luctuosus (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Thomisidae	Xysticus luctuosus (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	6			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Thomisidae	Xysticus luctuosus (Blackwall)	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			8-10 July 2003	South beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654060 N 64770 E
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	7		17 June 2003	Camp - off of tents		Ted Johnson	SMu	Buckle 2004	

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Family	Name	Country	Province	Locality	Lat	Long	Male	Female	Imm.	Date	Habitat	Collection Method	Collector	Collection	Determination	Comments
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2	2		10 July 2003			Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28		1		14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			10 June 2003	Beach, open pine, reindeer moss & <i>Vaccinium</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			9-11 July 2003	Birch point	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 655020 N 64580 E
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7			15-17 July 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	5			15 June 2003	Lakeshore: open pine, cranberries, lichen to black spruce, <i>Sphagnum</i>	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus obscurus Collett	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	10			17 June 2003		pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647179 N 6549472 E
Thomisidae	Xysticus triguttatus Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Thomisidae	Xysticus triguttatus Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Wet muskeg	pan traps	Ted Johnson	SMu	Buckle 2004	
Thomisidae	Xysticus triguttatus Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	2			6-11 July 2003	Base camp. Spruce bog	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Thomisidae	Xysticus triguttatus Keyserling	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Titanoecidae	Titanoeeca silvicola Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3			13 July 2003	Dry muskeg		Ted Johnson	SMu	Buckle 2004	UTM 06470221 N 6549299 E to 0647180 N 6549111 E
Titanoecidae	Titanoeeca silvicola Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	7	1		6-11 July 2003	Base camp. Pine forest	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Titanoecidae	Titanoeeca silvicola Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	3	1		18 July 2003	Poplar, cranberry	pan traps	Ted Johnson	SMu	Buckle 2004	UTM 0647962 N 6550276 E
Titanoecidae	Titanoeeca silvicola Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			6-11 July 2003	Base camp. Beach	pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Titanoecidae	Titanoeeca silvicola Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	6			14 July 2003	Aspen, grass, willow	pit traps	Ted Johnson	SMu	Buckle 2004	UTM 0647403 N 6550233 E
Titanoecidae	Titanoeeca silvicola Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10 July 2003			Ted Johnson	SMu	Buckle 2004	
Titanoecidae	Titanoeeca silvicola Chamberlin & Ivie	Canada	AB	Wentzel Lake, Caribou Mountains Wildland	59 02	114 28	1			10-11 July 2003		pit traps	G.J.Hilchie, J.S.Hilchie	SMu	Buckle 2004	UTM 654950 N 64740 E
Total number of specimens							2050	732	7							