

Spiders of Birch Mountains Wildland Provincial Park



Crab spider, *Xysticus obscure*.

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Prepared for the Parks and Protected Areas Division
Alberta Tourism, Parks and Recreation
Edmonton, Alberta, Canada

December 2008

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Spiders of Birch Mountains Wildland Provincial Park

Abstract

This report documents the collection of spiders (Arachnida, Araneae) during a 2004 survey of Birch Mountains Wildland Provincial Park (representative of Alberta's Upper Boreal Highlands Subregion). A total of 6,211 identifiable specimens were collected. These represented 185 species within 17 families. Most species were common residents of the boreal forest. New linyphiid records for Alberta were *Lophomma vaccinii* (Emerton 1926), *Tapinocyba bicarinata* (Emerton 1913), *Tunagyna debilis* (Banks 1892), and *Wabasso cacuminatus* Millidge 1984. Likely undescribed species belong to the genera *Hypsosinga* (Araneidae), *Ceratinops* (Linyphiidae) and *Oreonetides* (Linyphiidae). A few updates and corrections of species names are given for three other reports on spiders from north-eastern Alberta (Nordstrom and Buckle 2002, 2004, 2006).

Introduction

Spiders are important invertebrate predators of most terrestrial habitats. More than 40,000 species have been described worldwide. It is estimated that there are about 1,500 species in Canada (Bennett 1999), with at least 580 species in the province of Alberta (DJB unpublished data). Although about 80% of the Nearctic species have been described (Bennett 1999), we know very little about the individual species. This study, on Birch Mountains Wildland Provincial Park, is one of a series on the spiders of north-eastern Alberta (Nordstrom and Buckle 2002, 2004, 2006). The information obtained by this study adds to our knowledge of spider diversity as well as individual species' ranges and phenologies.

Study Area

The spiders for this study were collected from the Birch Mountains Wildland Provincial Park (Figure 01). The park is located about 100 km northwest of Fort McMurray, Alberta. It comprises an area of 1445 km² within Townships 96-100, Ranges 14-23, west of the fourth meridian. The park area was chosen primarily as a representative portion of Alberta's Upper Boreal Highlands Subregion and was established in December 2000. The majority of the park is part of the Peace River basin but the southeast part (with the major lakes) is in the Athabasca River basin. In 2004, Alberta Parks and Protected Areas Division organized an extensive biological survey of the park. This study was one part of this survey (see also Allen and Johnson 2007, Hilchie 2005, Macaulay 2005, Macaulay and Pohl 2005).

Our study was limited to the eastern edge of the park – around Sand Lake, Big Island Lake, Upper Gardiner Lake and Namur Lake (Figures 2 and 3). Elevations of the study sites were approximately 650 m. Vegetation of the park was described by Allen and Johnson (2007). Typical vegetation is also shown in Figures 4-13 and 15.

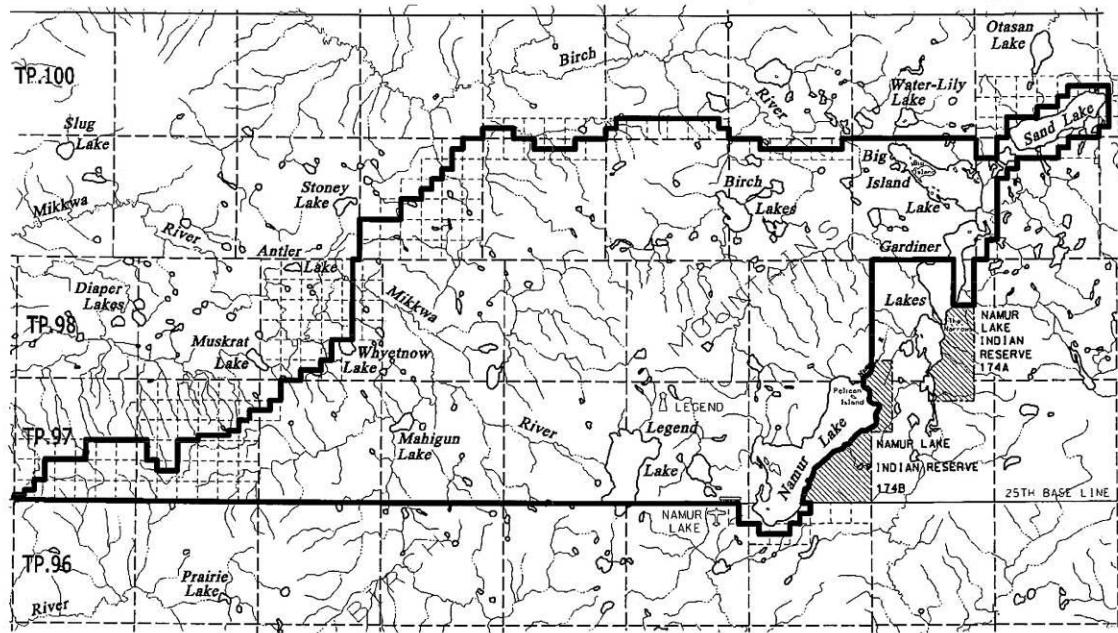


Figure 01. Birch Mountains Wildland Provincial Park.

North is at the top. Map scale 1:500 000. Map prepared 28 November 2000. North at the top of the map. Source: <http://www.tpr.alberta.ca/parks/landreferencemanual/docs/wildland/birchmountains.pdf>

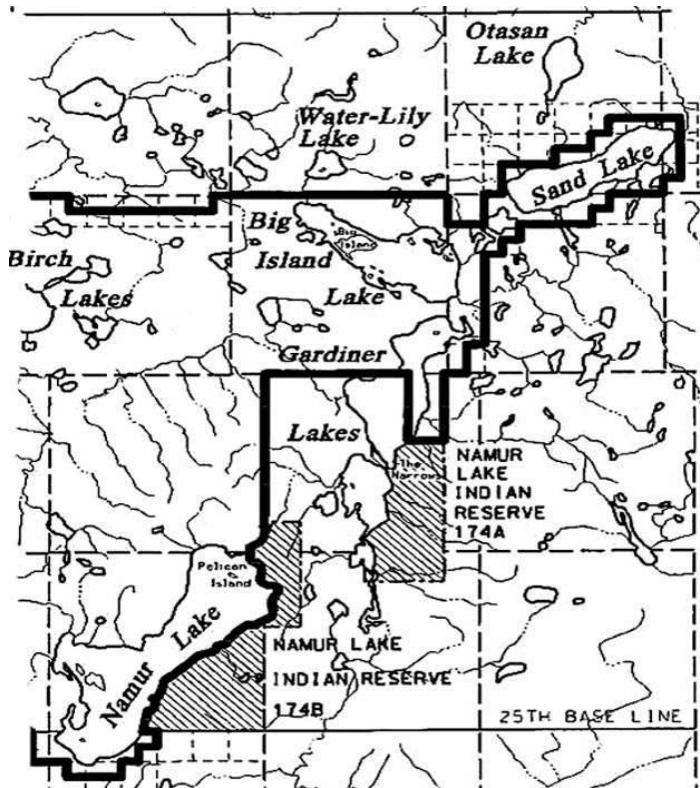


Figure 02. The eastern part of Birch Mountains Wildland Provincial Park.

All spider collections were made in the park near Sand Lake, Big Island Lake, Upper Gardiner Lake (northern part) and Namur Lake.

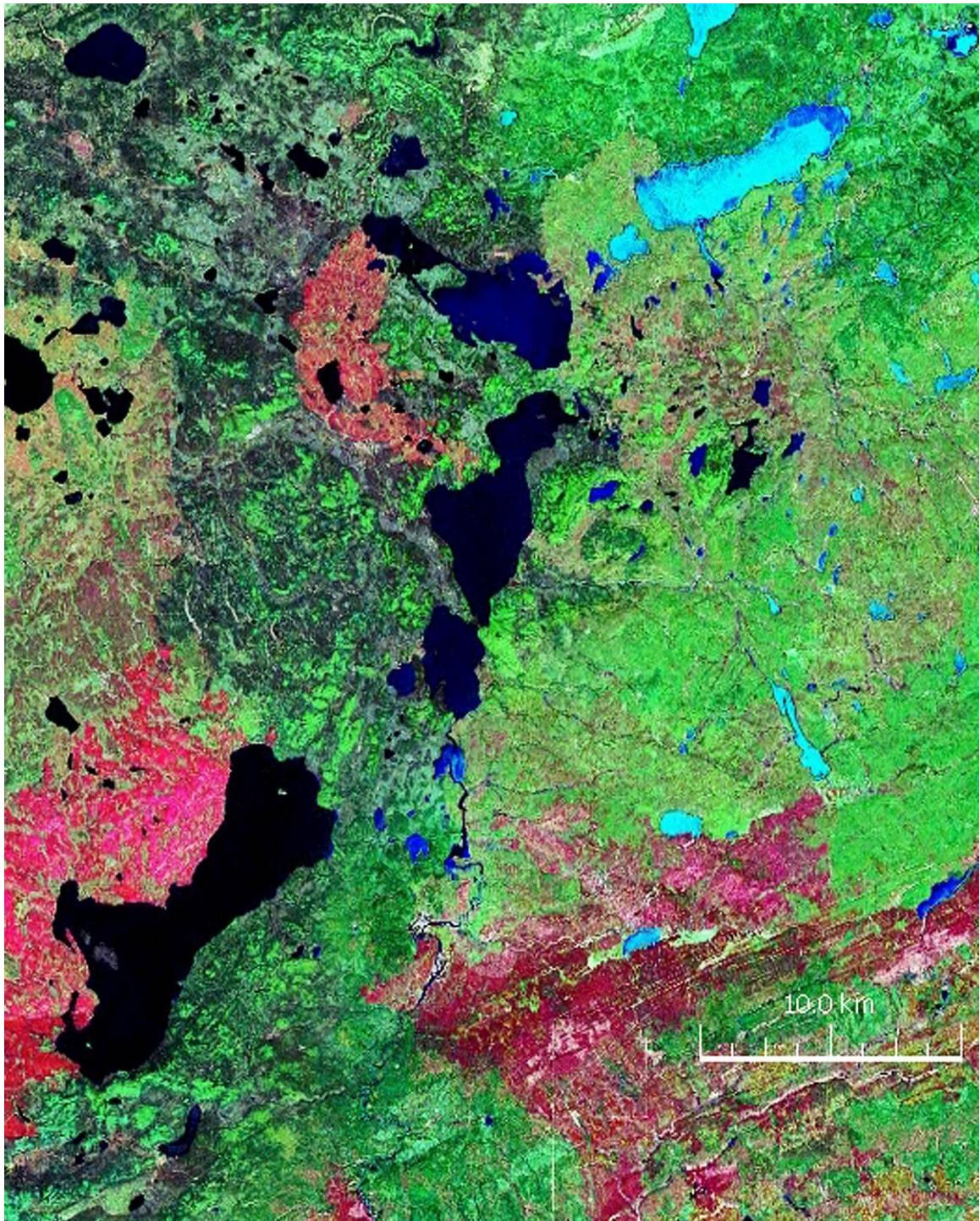


Figure 03. LandSat pseudo-colour image of the lakes shown in Figure 02.

Red indicates areas regenerating from fire. Image produced between 1999-2003 by the National Aeronautics and Space Administration's program World Wind (NASA version 1.4). Scale bar is 10.0 km.



Figure 04. Typical mixed wood habitat of Birch Mountains Wildland Park.



Figure 05. Black spruce habitat at northeast end of Sand Lake.



Figure 06. Typical boggy habitat of Birch Mountains.



Figure 07. Regenerating muskeg habitat south of Big Island Lake (background).



Figure 08. Spruce covered island in Upper Gardiner Lake.



Figure 09. Mossy understory on island (Figure 08) in Upper Gardiner Lake.



Figure 10. Sandy beach habitat on east shore of Upper Gardiner Lake.



Figure 11. Southwest end of Namur Lake with burned (left) and unburned forest (right).
Pit traps were set near the base of the narrow burned peninsula.



Figure 12. Cutline through mixed wood habitat south of Big Island Lake.



Figure 13. Typical habitat along Sand River.

Methods

As Birch Mountains Wildland Provincial Park is remote, personnel and equipment were transported to the site by float plane from Fort McMurray. The base camp for the biological inventory was located on the north shore of Upper Gardiner Lake. Access to collecting sites was done by foot, boat (Figure 14), float plane or helicopter.

The collections for this study were made between early June and early July 2004. Spiders (and insects that were used for other studies) were mainly collected by pit and pan traps as described by Nordstrom and Buckle (2006). All pan traps and most pit traps were left uncovered; a few pit traps were covered (Figures 15 and 17). These traps were placed in various habitats (Table 01) and the specimens rough sorted in the field (Figure 16). Spiders were preserved in vials of 70-75% ethanol. The pan and pit trap work was done primarily by Gerald Hilchie (Figure 14), James Hilchie, Ted Johnson (Figure 15), Doug Macaulay, Stacey Macaulay and RGH. Some spiders were also obtained by sweep netting and by hand collection. All spiders in this study were identified by DJB. Most of the taxonomic reference works used to identify the spiders are listed in Nordstrom and Buckle (2002, 2004, 2006) and below. Most immature specimens were not kept or recorded as most immature spiders cannot be reliably identified to species. The specimens will be deposited in the E.H. Strickland Museum, Department of Biological Sciences, University of Alberta, Edmonton, Alberta (UASM in Appendix 01) except for some duplicate material retained by DJB.

Most of the collections were made in the area between the south end of Big Island Lake and the north end of Upper Gardiner Lake. Most other collections were made at the southern end of Namur Lake. Information on the collection sites are given in Table 01. The table lists collection locations in terms of latitude and longitude. For Universal Transverse Mercator (UTM) coordinates, see Table 1 and Figure 2 in Hilchie (2005). Detailed information is given in Appendix 01.

Most collections were made between 5-14 June and 7-19 July 2004 when the camp was occupied. Some traps were left between the June and July dates. Some of the latter traps were flooded by rain or destroyed by a bear or wolf. Thus the numbers of trap-days given in Table 01 are the maxima. In reality, the numbers of trap days, especially for those extending between June and July, were fewer.

Unless otherwise stated, all photographs were made between 4 and 15 June by RGH.

Table 01. Locations where spiders were collected from Birch Mountains Wildland Provincial Park in 2004. Where pit and pan traps were located, hand and sweep collections were also done.

Collecting Sites	Habitats	Latitude N, Longitude W	Number of Traps	Collection Dates	Trap days (June + July)
Big Island Lake, outlet stream	beaver pond	57° 35.4' 112° 27.6'	12	7-12 July	0 + 60
Big Island Lake, south of (or north of Upper Gardiner Lake), cut line	15-20 year old aspen and birch	57° 35.0' 112° 28.0'	6	11-14 June	18 + 0
Big Island Lake, south of (or north of Upper Gardiner Lake), east-west cutline on hill	aspen and birch mixed forest	57° 35.1' 112° 29.1'	12	6 June - 8 July	288 + 96
Big Island Lake, south of (or north of Upper Gardiner Lake), north-south cutline	burnt open bog	57° 35.2' 112° 28.6'	6	5 June - 19 July	150 + 114
Big Island Lake, south of, near portage trail connecting to Lower Gardiner Lake	old burned bog	57° 35.0' 112° 28.9'	12	5-14 June + 7-12 July	98 + 60
Gardiner Lake, Upper, base camp	old white spruce	57° 34.8' 112° 28.0'	6-12	4-15 June + 7-12 July + 17-20 July	132 + 78
Gardiner Lake, Upper, base camp, near	shore line/beach	57° 34.8' 112° 28.0'	12-15	5-14 June + 6-13 July	135 + 84
Gardiner Lake, Upper, base camp, near	20-30 year old aspen and birch forest	57° 34.8' 112° 28.0'	6	15 June – 19 July	90 + 114
Gardiner Lake, Upper, base camp, east of	black spruce bog	57° 34.7' 112° 28.0'	12	4-14 June + 7-13 July	120 + 98
Gardiner Lake, Upper, base camp, just north of	black spruce, sphagnum, Labrador Tea	57° 34.8' 112° 28.0'	6	5 June - 14 July	150 + 84

(Table 01 continued)

Collecting Sites	Habitats	Latitude N, Longitude W	Number of Traps	Collection Dates	Trap days (June + July)
Gardiner Lake, Upper, east shore	sandy beach	57° 32.3' 112° 29.1'	12	8-14 June + 9-12 July	72 + 36
Gardiner Lake, Upper, island	spruce, sphagnum	57° 34.5' 112° 28.5'	12	5-14 June + 7-12 July	98 +60
Gardiner Lake, Upper, southeast shore	pine forest near tributary	57° 32.0' 112° 29.2'	12	8 June + 9-12 July	0 + 36
Namur Lake, bog on peninsula	sphagnum sink	57° 24.1' 112° 45.1'	12	9 -13 June + 14-19 July	48 + 60
Namur Lake, island with Fish and Wildlife cabin	under rocks and logs, herbaceous vegetation	57° 23.9' 112° 43.8'	Hand and sweep collections only	13 June	0 + 0
Namur Lake, lodge area at south end	shore area	57° 22.5' 112° 45.9'	Hand and sweep collections only	9 and 13 June	0 + 0
Namur Lake, peninsula next to narrow bay	4-5 year old burn of aspen and pine	57° 24.3' 112° 45.2'	12-24	9 -13 June + 14-19 July	48 + 60
Sand Lake, northeast shore	shore area	57° 40.2' 112° 17.7'	Hand and sweep collections only	10 June	0 + 0
Sand River, opposite island	riparian	57° 34.7' 112° 26.6'	12-15	7-14 June + 7-12 July	105 + 60
Totals					1552 + 1100



Figure 14. Gerald Hilchie piloting inflatable boat on Upper Gardiner Lake.



Figure 15. Ted Johnson with a bowl trap in muskeg habitat near the base camp at Upper Gardiner Lake.



Figure 16. Screen tent used for rough sorting of arthropod specimens in the field.



Figure 17. Typical traps used to collect spiders and other arthropods.

Orange boot for scale. Top left is an uncovered pit trap on a beach. Bottom left is a covered pit trap. Top right is a yellow bowl trap.

Results

Species Collected

The 17 spider families, which were collected during this survey, are alphabetically listed below. Numbers in parentheses after the family name are the number of species collected that belong to that family. Associated with each family name is a very brief description of some of its characteristics as well as a photograph of a representative species. Further general information on families and taxonomic keys to genera can be found in Ubick et al. (2005).

Following each family listing are the full taxonomic names and dates of the original descriptions as well as brief summaries of the known distributions of each species of spiders collected. The species names are arranged alphabetically. M = male and F = female. A total of 185 species were collected.

Less than 0.5% of the specimens identified were based on immature specimens. Usually identified immatures were penultimate instars (i.e. one moult before maturity) and associated with adults. The remaining few were very distinct species.

Agelenidae (1)

Agelenids are often called funnel weavers as they spin flat sheet webs with a funnel-like retreat on one side or near the middle. Typically a spider rests in its retreat until an insect lands on the non-sticky sheet. Then the spider rushes out, sizes the prey and returns to the retreat to feed.



Agelenopsis utahana
male.

Agelenopsis utahana (Chamberlin & Ivie 1933). 54M 4F. Widespread in North America.

Reaches northern limits in Alaska, Yukon, and the Northwest Territories.

Amaurobiidae (4)

Amaurobiids build sheet webs in crevices under stones, logs, bark or leaves. They are distinguished from the agelenids by a thin flat plate (cribellum) that produces hatched-band silk.



Arctobius agelenoides
female.
Photo of preserved specimen by DJB.

Amaurobius borealis Emerton 1909. 1M. A northern species with a largely boreal distribution extending across Canada and into the north-eastern USA.

Arctobius agelenoides (Emerton 1919). 10F. Holarctic, northern. In North America it is a boreal or subarctic species extending as far east as Manitoba.

Callobius nomeus (Chamberlin 1919). 1F. A boreal/montane species found across Canada and Alaska and, in the mountains of the west, extending south to Colorado and Utah.

Cybaeopsis euopla (Bishop & Crosby 1935). 25M 19F. A boreal species which occurs across Canada, except for the west coast, and in the adjacent USA.

Araneidae (7)

These are the most familiar orb web weavers. Their two-dimensional wheel webs are usually found in bushes. The females are usually much larger than the males and so are seen and collected more than the males. They have very small eyes and mainly use touch to monitor their surroundings.



Larinoides patagiatus
female from Gardiner Lake.

Araneus iviei (Archer 1951). 5M. A northern species which occurs across Canada and in the north-eastern USA.

Araneus marmoreus Clerck 1757. 1M. Holarctic. Widespread.

Hypsosinga rubens (Hentz 1847). 2M. Widely distributed in North America east of the Rocky Mountains.

Hypsosinga sp. #1. 1M 1F. This does not appear to be a known member of the North American spider fauna. Probably undescribed.

Larinoides cornutus (Clerck 1757). 1M 4F. Holarctic. Widespread.

Larinoides patagiatus (Clerck 1757). 1M 21F. Holarctic. Widespread.

Zygiella nearctica Gertsch 1964. 7M 6F. A predominately boreal species which occurs across Canada and Alaska, and extends south at higher elevations to South Carolina and Colorado. It is replaced on the west coast by the Holarctic *Zygiella dispar* (Kulczynski 1885).

Clubionidae (8)

Clubionids are active nocturnal predators that do not use silk to catch their prey. They are called sac spiders because they use silken tubular retreats or sacs during the day. A retreat is built under bark or stones or in a rolled leaf. Males are slightly smaller than females.



Clubiona canadensis
female from
Gardiner
Lake.

Clubiona bryantae Gertsch 1941. 6M 1F. Occurs across Canada, extending into the north-eastern USA and south, in the Rocky Mountains, to Wyoming.

Clubiona canadensis Emerton 1890. 14M 14F. Widely distributed across Canada and northern USA.

Clubiona furcata Emerton 1919. 5M 8F. Found across Canada and south, in the western mountains, to Utah.

Clubiona kulczynskii de Lessert 1905. 12M 10F. Holarctic, primarily boreal, species widely distributed across Canada and the northern USA.

Clubiona norvegica Strand 1900. 3M 1F. Holarctic, primarily boreal, species widely distributed across Canada and the northern USA. Inhabits marshes and other waterside habitats.

Clubiona opeongo Edwards 1958. 3M. Occurs in boreal habitats east of the Rocky Mountains.

Clubiona riparia L.Koch 1866. 17M 10F. A widely distributed Nearctic species found in waterside habitats.

Clubiona trivialis C.L.Koch 1843. 2M. Holarctic species found across the forested regions of Canada, south to New York in the east and to Arizona in the west.

Dictynidae (4)

Dictynids are small (body usually less than 5 mm) cribellate spiders. The silk is sticky. Their small webs are at the tips of vegetation or among debris on the ground. They are commonly called meshweb weavers.



Dictyna annulipes female
from Gardiner
Lake.

Dictyna annulipes Blackwall 1846. 20M 21F. Holarctic. Widespread.

Dictyna arundinacea (Linnaeus 1758). 1M 1F. Holarctic species with a northern and montane range.

Dictyna brevitarsus Emerton 1915. 2M. Widely distributed across Canada and the northern USA.

Dictyna chitina Chamberlin & Gertsch 1958. 5M 3F. Found in boreal and montane habitats across northern North America from Alaska to Nova Scotia (Paquin & Dupérré 2006). In Alberta it has been collected from Waterton Lakes National Park, Chinook Lake, Banff National Park, Athabasca, and Colin-Cornwall Lakes Wildland Provincial Park. This species was incorrectly identified as *Dictyna peragrata* in Nordstrom and Buckle (2004).

Gnaphosidae (17)

Like the clubionids, most gnaphosids build silk retreats in which they spend their daylight hours. The retreats can be found under logs or stones or among plant debris. The spiders emerge at night to hunt. Most are uniformly dark in colour.



Sergiolus
species from
Baptiste Lake,
Alberta, 2005.

Drassodes mirus Platnick & Shadab 1976. 27M 3F. This uncommon and poorly known species was described by Platnick and 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 (DJB unpublished). Dondale, Redner and Marusik (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. The collection of this species from the Caribou Mountains of northern Alberta (Nordstrom and Buckle 2006) and here establishes this species as a denizen of the northern boreal.

Drassodes neglectus (Keyserling 1887). 1M 1F. Holarctic. Widespread in North America.

Gnaphosa borea Kulczynski 1908. 77M 21F. Holarctic northern species occurring across Canada and in north-eastern USA. In the Rocky Mountains to it extends south to New Mexico.

Gnaphosa brumalis Thorell 1875. 9M 1F. Widespread in North America.

Gnaphosa microps Holm 1939. 238M 71F. Holarctic northern species.

Gnaphosa muscorum (L.Koch 1866). 21M 9F. A widespread Nearctic species.

Gnaphosa parvula Banks 1896. 32M 7F. Occurs in northern and central North America.

Haplodrassus eunis Chamberlin 1922. 4M 1F. A western species occurring from Alaska to Arizona, and east to the Great Lakes.

Haplodrassus hiemalis (Emerton 1909). 51M 23F. Holarctic. Widespread.

Haplodrassus signifer (C.L.Koch 1839). 14M5F. Holarctic. Occurs across northern USA and in Canada north to the arctic. It extends south in the Rocky Mountains to Colorado.

Micaria aenea Thorell 1871. 26M 18F. Holarctic. Northern.

Micaria constricta Emerton 1894. 1M 1F. Holarctic. High arctic/subarctic/alpine.

Micaria pulicaria (Sundevall 1831). 1M. Holarctic. Widespread in North America.

Micaria tripunctata Holm 1978. 1M 3F. Holarctic. Occurs in North America from Alaska to northern Manitoba. A low arctic species.

Zelotes fratriss Chamberlin 1920. 2M 1F. Widespread in North America.

Zelotes puritanus Chamberlin 1922. 19M 7F. Holarctic. Widespread in North America.

Zelotes sula Lowerie & Gertsch 1955. 11M 5F. Holarctic. A low arctic/alpine species also found on the northern Great Plains.

Hahniidae (2)

These small spiders build fine sheet webs over small depressions in the ground. They may have a funnel retreat or hide just under the soil. They are found in damp locations under shrubs or stones, in moss or plant debris.



Neoantistea magna female.
Photo of preserved specimen by DJB.

Hahnia glacialis Soerensen 1898. 1M 5F. Nearctic. Subarctic and alpine.

Neoantistea magna (Keyserling 1887). 5M 58F. Widely distributed in North America.

Linyphiidae (72)

Spiders of the subfamily Erigoninae are a large group of small spiders – usually less than 2 mm body length. They primarily live in leaf litter and are very common in temperate regions. Spiders of the subfamily Linyphiinae also live in leaf litter and moss. Some build a sheet web with a mesh of sticky threads above it.



Pityohyphantes limataneus female from Gardiner Lake.

Erigoninae (50)

Baryphyma trifrons (O.P.-Cambridge 1863). 2M. Holarctic. Occurs across Canada and in northern USA.

Ceratinella brunnea Emerton 1882. 1M 1F. Widespread in North America.

Ceratinella alaskana Chamberlin 1949. 3M. A northern species known from Alaska east to Alberta.

Ceraticelus atriceps (O.P.-Cambridge 1874). 1M 3F. Widespread across Canada and the northern USA.

Ceratinops sp. #1. 1M 1F. A small, dark species; carapace coarsely punctate except in cephalic region; no cephalic pits. **Probably undescribed.**

Ceratinopsis labradorensis (Emerton 1925). 6F. A northern species found from Alaska to Labrador.

Ceratinopsis stativa (Simon 1881). 7M 14F. Holarctic. Widespread in Canada. Placed in *Styloctetor* by Marusik and Tanasevitch (1998).

Cnephalocotes obscurus (Blackwall 1834). 9M. Holarctic. Occurs across northern North America from Alaska to Quebec.

Diplocentria bidentata (Emerton 1882). 39M 12F. Holarctic. Widely distributed throughout northern and temperate North America.

Diplocentria rectangulata (Emerton 1915). 4M 14F. Holarctic. Occurs across the forested regions of Canada and in the north-eastern USA.

Dismodicus alticeps Chamberlin & Ivie 1947. 2M. Holarctic. Boreal distribution from Siberia and Alaska across Canada to Nova Scotia.

- Dismodicus decemoculatus* (Emerton 1882). 1M. Widespread across Canada and in northern USA. Probably conspecific with the Palaearctic *D. bifrons* (Blackwall 1841).
- Eperigone undulata* (Emerton 1914). 1F. Found across Canada and in the north-eastern USA.
- Erigone alsaida* Crosby & Bishop 1928. 103M 52F. Found across Canada and in the northern USA.
- Erigone blaesa* Crosby & Bishop 1928. 1M 2F. Widespread in North America.
- Erigone dentigera* (O.P.-Cambridge 1874). 1F. Occurs in northern and temperate regions of North America, except for west coast where it is replaced by *Erigone capra* Simon 1884.
- Gonatium crassipalpum* Bryant 1933. 1M 7F. Widely distributed over northern and temperate North America.
- Grammonota angusta* Dondale 1959. 2F. A primarily boreal species found across Canada and in northern USA.
- Grammonota maritima* Emerton 1925. 1M 4F. Occurs along ocean beaches in eastern Canada. There are scattered unpublished records of this species from lakeside or riverside habitats in boreal Saskatchewan and Alberta.
- Hilaira caniculata* (Emerton 1915). 1F. Holarctic. Found in eastern Siberia, across the boreal region of Canada from the Yukon to Quebec, and south in the Rocky Mountains to Colorado.
- Hilaira herniosa* (Thorell 1875). 2M 2F. Holarctic. Found across the boreal region of North America from Alaska to Newfoundland.
- Hilaira* sp. #1. 1F. This appears to be a member of the *Hilaira frigida* species group, for which Saaristo and Marusik (2004) resurrected the genus *Oreoneta*.
- Hybauchenidium cymbadentatum* (Crosby and Bishop 1935). 2M. Found across northern North America from Alaska and Washington east to Nova Scotia and New York.
- Hybauchenidium gibbosum* (Soerensen 1898). 29M. Holarctic. Found in eastern Siberia and across northern North America from Alaska and Washington east to Greenland and Newfoundland. South in the Rocky Mountains to Utah.
- Hypomma marxii* (Keyserling 1886). 14M 17F. Northern North America.
- Hypselistes jacksonii* (O.P.-Cambridge 1902). 1F. Holarctic. Arctic, subarctic and montane.
- Lophomma vaccinii* (Emerton 1926). 1F. Holarctic. Found in north-eastern Asia and northern North America. **New record for Alberta.**
- Pelecopsis mengei* (Simon 1884). 1M. Holarctic. Found across Canada and in north-eastern USA.
- Pocadicnemis americana* Millidge 1976. 19M 5F. Found throughout northern and temperate North America.
- Satilatlas gertschi* Millidge 1981. 16M 13F. Boreal region of western North America (Nordstrom and Buckle 2006).
- Sciastes truncatus* (Emerton 1882). 14M 5F. Northern North America from Alaska to Nova Scotia and New York.
- Scotinotylus pallidus* (Emerton 1882). 1M. Found across Canada and in northern USA.
- Scotinotylus sacer* (Crosby 1929). 1M 1F. Found in Siberia, across Canada and in Greenland.

Sisicottus montanus (Emerton 1882). 2M 3F. Occurs across Canada, in north-eastern USA, and south in the Rocky Mountains to Arizona.

Sisicus apertus (Holm 1939). 2F. Holarctic. Across northern North America from Alaska and British Columbia to Newfoundland and Maine.

Sisis sp. #1, near *rotundus*. 21M 2F. Boreal species found across Canada east of the Rocky Mountains. Differs from the western species *S. rotundus*, to which it is closely related, in having small cephalic pits (see Nordstrom and Buckle 2006).

Tapinocyba bicarinata (Emerton 1913). 4M 1F. Previously known from north-eastern USA and Newfoundland, west to Manitoba (Buckle et al. 2001). **New record for Alberta.**

Tunagyna debilis (Banks 1892). 1M 2F. Holarctic. Occurs in Siberia and across northern North America.

Wabasso cacuminatus Millidge 1984. 5M 1F. Holarctic. Occurs in Siberia and northern North America. **New record for Alberta.**

Walckenaeria arctica Millidge 1983. 1M 1F. Low arctic/montane.

Walckenaeria atrotibialis (O.P.-Cambridge 1878). 2M. Holarctic. Northern and temperate North America.

Walckenaeria auranticeps (Emerton 1882). 2M. Holarctic. Northern and temperate North America.

Walckenaeria castanea (Emerton 1882). 3F. Northern North America, Greenland.

Walckenaeria communis (Emerton 1882). 2M 14F. Temperate and northern North America.

Walckenaeria exigua Millidge 1983. 4M. Northern and temperate North America.

Walckenaeria karpinskii (O.P.-Cambridge 1873). 50M 4F. Holarctic. Low arctic and alpine.

Walckenaeria lepida (Kulczynski 1885). 2F. Holarctic. Occurs across boreal Canada.

Walckenaeria tricornis (Emerton 1882). 9M. Northern North America.

Zornella armata (Banks 1906). 65F. Found in the boreal region of Canada and adjacent USA. This species was, for many years, erroneously considered to be a synonym of the palaearctic species *Z. cultrigera*. See Marusik, Buckle and Koponen 2007.

Undetermined erigonine #1. 2F. Small, dark species. Carapace and sternum finely rugose.

Linyphiinae (22)

Agyneta olivacea (Emerton 1882). 39M 11F. Holarctic. Occurs across Canada and in northern USA.

Agyneta simplex (Emerton 1926). 1M. Widely distributed in northern and temperate North America.

Bathyphantes crosbyi Emerton 1919. 1M. Holarctic. Subarctic and alpine. Marusik et al. (1993) synonymized *B. crosbyi* with the Palaearctic species, *B. reprobus* Kulczynski 1916. However, Dondale et al. (1997) believe that the two species are distinct.

Bathyphantes pallidus (Banks 1892). 4M. Widespread in North America.

Estrandia grandaeva (Keyserling 1886). 4M 4F. Holarctic. Northern and eastern North America.

Kaestneria pullata (O.P.-Cambridge 1863). 2F. Holarctic. Northern and temperate North America.

Lepthyphantes alpinus (Emerton 1882). 23M 25F. Occurs in northern North America and adjacent parts of Siberia.

Lepthyphantes complicatus (Emerton 1882). 8M 3F. Holarctic. Northern North America.

Lepthyphantes duplicatus (Emerton 1913). 3M 5F. A boreal species found across Canada and in the adjacent north-eastern USA.

Lepthyphantes turbatrix (O.P.-Cambridge 1877). 2M. Widely distributed across Canada and northern USA. Also occurs in Greenland.

Lepthyphantes washingtoni Zorsch 1937. 3M 2F. Found across Canada and northern USA.

Macrargus multisimus (O.P.-Cambridge 1875). 1F. Holarctic. Found across Canada and in northern USA.

Maro amplus Dondale & Buckle 2001. 1M. A boreal species found from Alaska to Newfoundland.

Microlinyphia mandibulata (Emerton 1882). 1M 6F. Northern and temperate North America.

Neriene clathrata (Sundevall 1830). 2M. Holarctic. Northern and temperate North America.

Neriene radiata (Walckenaer 1841). 1F. Holarctic. Widely distributed in North America.

Oreonetides vaginatus (Thorell 1872). 2M. Holarctic. Northern and temperate North America.

***Oreonetides* sp. #1. 3M 1F. This is not a known member of the North American *Oreonetides* fauna (van Helsdingen 1981) and is likely an undescribed species.**

Pityohyphantes costatus (Hentz 1850). 3F. Widely distributed in eastern and northern North America, east of the Rocky Mountains.

Pityohyphantes limataneus Emerton 1915. 24M 21F. A boreal species found east of the Rocky Mountains.

Pityohyphantes subarcticus Chamberlin & Ivie 1943. 13M 22F. A boreal species found from Alaska to Labrador.

Stemonyphantes blauveltae Gertsch 1951. 4M 2F. Northern and temperate North America.

Liocranidae (1)

Liocranids are ground spiders that make sac-like retreats under stones and in leaf litter. These spiders were formerly placed within the Clubionidae but are more closely associated with the Corinnidae.



Agroeca ornata
male. Photo of
preserved
specimen by DJB.

Agroeca ornata Banks 1892. 30M 26F. Widespread in North America.

Lycosidae (17)

Lyco is Greek for wolf. So these are the wolf spiders. In temperate regions, they usually wander about, day or night, searching for prey. In tropical regions, they may spin sheet webs. Females carry their egg sacs on the tips of their abdomens.



Pardosa xerampelina
male from
Gardiner Lake.

Alopecosa aculeata (Clerck 1757). 300M 64F. Holarctic. Temperate and northern North America.

Arctosa alpigena (Doleschall 1852). 19M 20F. Holarctic. Arctic, alpine, boreal.

Arctosa raptor (Kulczynski 1885). 7M. Holarctic. Siberia and northern North America in boreal and low arctic regions.

Arctosa rubicunda (Keyserling 1877). 88M 13F. Northern and temperate North America.

Pardosa concinna (Thorell 1877). 2M. Open habitats, from low arctic to northern Great Plains.

Pardosa furcifera (Thorell 1875). 152M 18F. Found mainly in the low arctic regions of North America and southern Greenland. It extends southward in the boreal forests of western Alberta to near Edmonton.

Pardosa fuscula (Thorell 1875). 94M 39F. Widespread across Canada and the northern USA, and south in the Rocky Mountains to New Mexico.

Pardosa hyperborea (Thorell 1872). 552M 129F. Holarctic. Low arctic and boreal in North America.

Pardosa mackenziana (Keyserling 1877). 304M 117F. A low arctic and boreal species extending south in the Rocky Mountains to Colorado and northern California.

Pardosa moesta Banks 1892. 287M 65F. Widespread across Canada and northern USA.

Pardosa tesquorum (Odenwall 1901). 4M 1F. Holarctic. A subarctic and boreal species occurring in Siberia and across western Canada to Quebec, and south in the Rocky Mountains to New Mexico.

Pardosa uintana Gertsch 1933. 618M 228F. A boreal and montane species extending south in the mountains to Utah.

Pardosa xerampelina (Keyserling 1877). 120M 43F. Widely distributed across Canada and the USA.

Pirata bryantae Kurata 1944. 23M 3F. A boreal species occurring from Alaska to Newfoundland.

Pirata insularis Emerton 1885. 1M. Widely distributed in North America.

Pirata piraticus (Clerck 1757). 32M11F. Holarctic. Widespread in North America.

Trochosa terricola Thorell 1856. 4M 6F. Holarctic. Widespread in North America.

Mimetidae (1)

Mimetids are specialist predators of web-building spiders such as those of the Araneidae and Theridiidae. They also eat the eggs of their prey and occasionally insects.



Ero canionis
female. Photo
of preserved
specimen by
DJB.

Ero canionis Chamberlin & Ivie 1935. 1 penultimate instar M. Widespread in North America.

Philodromidae (10)

Both philodromids and thomisids are called crab spiders because they are flattened and, with their long legs, can easily move forward, backward or sideways. Philodromids typically dwell on the leaves of shrubs and trees or on rocks. They are sit and wait predators.



Philodromus paelustris
male.

Philodromus alascensis Keyserling 1884. 2M 4F. Holarctic. Across Canada and south in western mountains to Arizona and New Mexico.

Philodromus cespitum (Walckenaer 1802). 3M 1F. Holarctic. Widespread in North America.

Philodromus histrio (Latreille 1819). 1F. Holarctic. Widespread in North America.

Philodromus mysticus Dondale & Redner 1975. 1F. A boreal forest species found from British Columbia to Newfoundland.

Philodromus peninsulaus Gertsch 1934. 1F. *P. peninsulaus* has been considered an eastern species, occurring from southern Manitoba and Ontario south to Florida (Dondale and Redner 1978). This is the second northern Alberta record. It was previously collected from the Caribou Mountains (Nordstrom and Buckle 2006).

Philodromus placidus Banks 1892. 1M 1F. Widespread from the northern boreal south to Mexico.

Philodromus rufus Walckenaer 1826. 1M 2F. Holarctic. Widespread in North America.

Thanatus formicinus (Clerck 1757). 4M 3F. Holarctic. Widespread in North America with its known range extending from the southern boreal south to California, Texas and Virginia. The records from La Butte Creek and Lake Athabasca in Nordstrom and Buckle (2002) were based on female specimens which are difficult to identify with certainty and could belong either to this species or *Thanatus coloradensis*.

Thanatus striatus C.L.Koch 1845. 2M 1F. Holarctic. Found across Canada and south to Connecticut in east and to California in the western mountains.

Tibellus maritimus (Menge 1875). 12M 4F. Holarctic. Widely distributed in North America.

Salticidae (10)

Unlike most spiders, salticids (jumping spiders) are diurnal. They have two large eyes that they can tilt to see prey stereoscopically. The other six eyes are much smaller. Males are often brightly coloured for attracting females.



Unidentified salticid on the photographer's finger. Spider from Baptiste Lake, Alberta, 2005.

Chalcoscirtus alpicola (L.Koch). 1F. Holarctic. This species has been found in dry, open places at moderate elevations in the mountains of Utah, Colorado and Wyoming, on short grass prairie in southern Saskatchewan, on talus slopes and alpine tundra in the Yukon and on Mount Washington in New Hampshire (Cutler 1990, Dondale et al. 1997). It apparently also occurs in the boreal forest of northern Alberta as evidenced by this specimen, collected from a beach at Gardiner Lake, and another collected in pine forest at Wentzel Lake in 2003 (Nordstrom and Buckle 2006).

Eris militaris (Hentz 1845). 1M 3F. Widespread in North America.

Evarcha proszynskii Marusik & Logunov 1997. 3M 1F. Holarctic. Western Canada and Siberia.

Pelegrina flavipedes (Peckham and Peckham 1888). 1M. Northern and central North America.

Pelegrina montana (Emerton 1891). 5M 1F. A northern and montane species found from Alaska south to New Mexico and east to Newfoundland and north-eastern USA.

Pellenes lapponicus (Sundevall 1833). 4M 1F. Holarctic. Northern and montane.

Phidippus cryptus Edwards 2004. 4M 1F. Central Canada from Alberta to Ontario and south to Montana and Michigan.

Sibianor aemulus (Gertsch 1934). 1M. Alberta and Quebec south to Minnesota and Maine.

Sitticus palustris (Peckham and Peckham 1883). 1M. Widespread in North America.

Sitticus ranieri Peckham and Peckham 1909. 3M 4F. Holarctic. Northern/montane.

Tetragnathidae (4)

These are the long-jawed orb weavers. Besides elongated chelicerae, these spiders have elongated legs and bodies. They build orb webs but the webs are usually tilted or horizontal rather than vertical. They usually live near water.



Probably
Tetragnatha
versicolor,
subadult male
from Gardiner
Lake.

Pachygnatha clercki Sundevall 1823. 9M 1F. Holarctic. Northern.

Tetragnatha dearmata Thorell 1873. 8M 1F. Holarctic. Boreal.

Tetragnatha extensa (Linnaeus 1758). 3M. Holarctic. Boreal and subarctic.

Tetragnatha versicolor Walckenaer 1841. 4M 3F. Widespread in North America.

Theridiidae (8)

These are often called comb-footed spiders because their hind legs have stiff hairs which are used to throw loops of sticky silk onto their prey. The webs are tangles of silk in vegetation, debris or stones. The spiders hang upside down in these webs.



Unidentified
Steatoda from
Alberta, prior
to 2000.

Enoplognatha intrepida (Soerensen 1898). 1M. Found across Canada and the northern USA, and extending south at high altitudes in the Rocky Mountains to Colorado and northern New Mexico.

Euryopis argentea Emerton 1882. 3M. Northern North America and eastern Siberia.

Robertus fuscus (Emerton 1894). 12M 3F. Northern and montane.

Steatoda borealis (Hentz 1850). 1 immature. Widespread east of the Rocky Mountains.

Theridion impressum L.Koch 1881. 1M. Holarctic. A northern species found across western Canada east to Saskatchewan.

Theridion montanum Emerton 1882. 3M. A northern species extending south to New Mexico in the western mountains.

Theridion ohlertii (Thorell 1872). 2M 1F. Holarctic. Found across Canada in northern boreal and subarctic regions and south, in the western mountains, to New Mexico and California. This species was transferred to *Achaearanea* by Heimer and Nentwig (1991) without comment but presumably because its abdomen is higher than long. Its genitalia appear closer to *Theridion* than *Achaearanea* and it should be left in that genus pending more thorough study.

Theridion pictum (Walckenaer 1802). 2M 6F. Holarctic. Widespread in North America.

Thomisidae (18)

Like the philodromids, thomisids are called crab spiders – for the same reasons. They wander or may sit and wait for prey. Some inhabit flowers and feed on pollinating insects. Most live on the ground in grasslands and forests.



Xysticus obscures
female from
Gardiner Lake.

Misumena vatia (Clerck 1757). 1M. Holarctic. Widespread in North America.

Ozyptila gertschi Kurata 1944. 1M. Holarctic. Boreal.

Ozyptila sincera canadensis Dondale & Redner 1975. 43M 1F. Boreal North America.
The nominate subspecies has a Palaeartic distribution.

Xysticus britcheri Gertsch 1934. 5M 1F. Found across Canada and in northern USA.

Xysticus canadensis Gertsch 1934. 77M 9F. Found across Canada and in north-eastern USA.

Xysticus chippewa Gertsch 1953. 2M 1F. Holarctic. Northern.

Xysticus durus (Soerensen 1898). 1M. A low arctic and alpine species described from southern Greenland and found across Canada and south in the Rocky Mountains to Colorado.

Xysticus elegans Keyserling 1880. 4M. Widespread in North America. Not previously recorded beyond the southern boreal, this record is a significant range extension north.

Xysticus ellipticus Turnbull et al. 1965. 6M. Ranges across Canada and south in the mountains of the western USA to Colorado and Texas.

Xysticus emertoni Keyserling 1880. 112M 12F. Widespread.

Xysticus ferox (Hentz 1847). 10M 2F. Widespread.

Xysticus keyserlingi Bryant 1930. 3M 1F. A primarily arctic and alpine species. It was previously collected in the Caribou Mountains Wildland Park, Alberta (Nordstrom and Buckle 2006).

Xysticus luctuosus (Blackwall 1836). 31M 3F. Holarctic. Northern.

Xysticus montanensis Keyserling 1887. 5M 3F. Widespread in North America.

Xysticus obscurus Collett 1876. 55M 5F. Holarctic. Northern.

Xysticus punctatus Keyserling 1880. 1F. Widespread in North America.

Xysticus triangulosus Emerton 1894. 1M. Found in the low arctic and northern boreal regions of Canada and south, in the mountains of the west, to Utah and Colorado.

Xysticus triguttatus Keyserling 1880. 34M. Widespread.

Titanoecidae (1)

These are cibellate spiders. They are a small group related to the amaurobioids. They tend to build open-meshed webs within leaf litter of forest floors. Only four species inhabit Canada.



Titanoeca sylvicola male.
Photo of
preserved
specimen by
DJB.

Titanoeca sylvicola Chamberlin & Ivie 1947. 3M 1F. Holarctic. Northern. While Marusik (1995) synonymized *T. sylvicola* with *Titanoeca nivalis* Simon 1874, Leech (1972) considered *Titanoeca sylvicola* Chamberlin & Ivie 1947 to be a Holarctic species distinct from but closely related to the exclusively Palaearctic *Titanoeca nivalis*. Leech's usage is provisionally followed here.

Discussion

A. Birch Mountains Wildland Provincial Park

Numbers of Species and Number of Specimens

From the 6,211 adult or near-adult specimens collected, representatives of 185 spider species in 17 families were identified (Table 02).

The majority of species were from the family Linyphiidae (nearly 40%; Figure 18). Species of Thomisidae, Lycosidae and Gnaphosidae were each above 9%. Philodromidae and Salticidae each contributed about 5%. The remaining 11 families contributed the remaining species. There was only one species in the Agelenidae, Liocranidae, Titanoecidae and Mimetidae.

The majority of specimens (and biomass) were members of the Lycosidae (about 55%). The next most numerous were specimens of Linyphiidae (about 15%), followed by Gnaphosidae (about 11%) and Thomisidae (nearly 9%). The remaining 13 families each constituted less than 2% of the total specimens. A single immature represented the Mimetidae.

Spiders Collected in Large Numbers

Only 38 species yielded 30 or more adult specimens (Table 03). These 38 species totalled 85.5% of all adults collected. The top five most collected species were all of the family Lycosidae. Six other lycosid species contributed to the total of 38. The second family with numerous adults was the Gnaphosidae (7 species); the third, Linyphiidae (9 species); and the fourth, Thomisidae (6 species). Five families had only one species each that yielded 30 or more adults (i.e. Hahniidae, Agelenidae, Liocranidae, Amaurobiidae and Dictynidae). See Figure 18.

As pit and pan traps were primarily used to catch the spiders, the large numbers of these spiders are the result of their habits of hunting on relatively bare ground or among leaf litter or low plant cover. More intensive use of sweep netting would have increased the numbers and diversity of especially Araneidae, Salticidae and Tetragnathidae that live on tall herbaceous plants, shrubs and trees.

Sex Ratios

Of the species where 30 or more adults were collected, the percentage of females varied between 0 and 100% (Table 03). The average was near 25%. Female percentages for all six species of the Thomisidae were less than 9%. There were four species that had about equal sex ratios (45-55% female), i.e. the dictynid *Dictyna annulipes* and the linyphids *Pityohyphantes limataneus*, *Lepthyphantes alpinus* and *Hypomma marxii*. *Pityohyphantes subarcticus* (Linyphiidae) had 63% females. *Neoantista magna* (Hahniidae) had 92% females (of 63 adults) and *Zornella cultrigera* (Linyphiidae) had 100% females (of 65 adults).

Low percentages of collected females for a given species generally means that we were collecting during the breeding season when males move about looking for females and so get collected in traps more readily than females. A higher percentage of females generally means that both sexes move equally about or the breeding season is over and males are dying.

Table 02. Number of spider species and specimens in each family that were collected from Birch Mountains Wildland Provincial Park. Families are listed in descending order of abundance of species. Note that most immatures were discarded as most cannot be identified to species. No. = number of species; Imm. = immatures that could be identified to species.

Species			Specimens				
Family	No.	%	Males	Females	Imm.	Total	%
Linyphiidae	72	38.9	495	408	3	906	14.6
Thomisidae	18	9.7	496	38	0	534	8.6
Lycosidae	17	9.2	2692	758	18	3468	55.8
Gnaphosidae	17	9.2	523	178	0	701	11.3
Philodromidae	10	5.4	35	18	0	53	0.9
Salticidae	10	5.4	22	13	0	35	0.6
Clubionidae	8	4.3	61	42	0	103	1.7
Theridiidae	8	4.3	25	10	1	36	0.6
Araneidae	7	3.8	18	32	4	54	0.9
Amaurobiidae	4	2.2	26	30	0	56	0.9
Dictynidae	4	2.2	28	24	0	52	0.8
Tetragnathidae	4	2.2	21	5	0	26	0.4
Hahniidae	2	1.1	6	64	0	70	1.1
Agelenidae	1	0.5	54	4	0	58	0.9
Liocranidae	1	0.5	30	24	0	54	0.9
Titanoecidae	1	0.5	3	1	0	4	0.1
Mimetidae	1	0.5	0	0	1	1	0.0
Totals	185	99.9	4,535	1,649	27	6,211	100.1

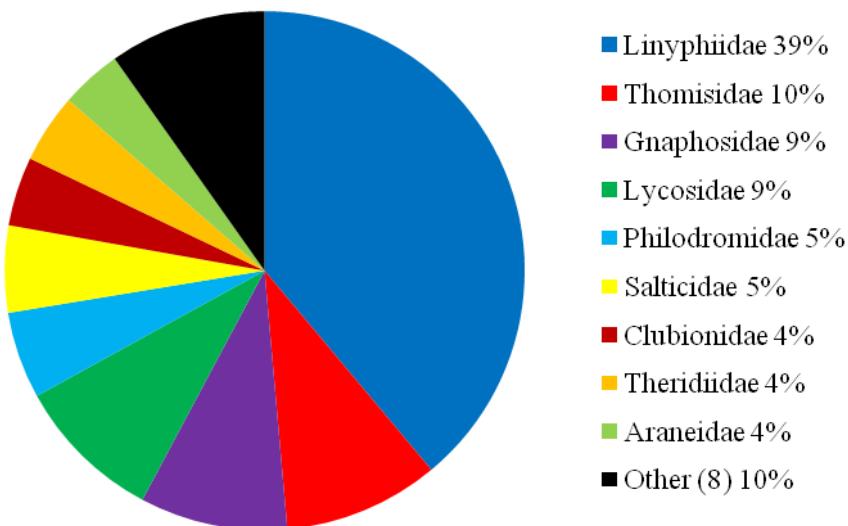


Figure 18. Main families of spider species collected with percentages of total species.

Table 03. Species of spiders in which 30 or more adults were collected. Ranked from most common to least common. % F = percentage collected that were female.

Family	Species	Males	Females	Totals	%F
Lycosidae	<i>Pardosa uintana</i>	618	228	846	27.0
Lycosidae	<i>Pardosa hyperborea</i>	552	129	681	18.9
Lycosidae	<i>Pardosa mackenziana</i>	304	117	421	27.8
Lycosidae	<i>Alopecosa aculeata</i>	304	64	368	17.4
Lycosidae	<i>Pardosa moesta</i>	287	65	352	18.5
Gnaphosidae	<i>Gnaphosa microps</i>	228	71	299	23.7
Lycosidae	<i>Pardosa xerampelina</i>	181	43	224	19.2
Thomisidae	<i>Xysticus canadensis</i>	177	9	186	4.8
Lycosidae	<i>Pardosa furcifera</i>	152	18	170	10.6
Linyphiidae	<i>Erigone alsaida</i>	102	50	152	32.9
Lycosidae	<i>Pardosa fuscula</i>	84	39	123	31.7
Thomisidae	<i>Xysticus emertoni</i>	112	11	123	8.9
Lycosidae	<i>Arctosa rubicunda</i>	88	13	101	12.9
Gnaphosidae	<i>Gnaphosa borea</i>	77	21	98	21.4
Gnaphosidae	<i>Haplodrassus hiemalis</i>	51	23	74	31.1
Lycosidae	<i>Arctosa alpigena</i>	49	20	69	29.0
Linyphiidae	<i>Zornella cultrigera</i>	0	65	65	100.0
Thomisidae	<i>Xysticus obscurus</i>	59	5	64	7.8
Hahniidae	<i>Neoantistea magna</i>	5	58	63	92.1
Agelenidae	<i>Agelenopsis utahana</i>	54	4	58	6.9
Linyphiidae	<i>Walckenaeria karpinskii</i>	51	4	55	7.3
Liocranidae	<i>Agroeca ornata</i>	30	24	54	44.4
Linyphiidae	<i>Diplocentria bidentata</i>	39	12	51	23.5
Linyphiidae	<i>Agyneta olivacea</i>	39	11	50	22.0
Linyphiidae	<i>Leptyphantes alpinus</i>	23	25	48	52.1
Linyphiidae	<i>Pityohyphantes limataneus</i>	24	21	45	46.7
Amaurobiidae	<i>Cybaeopsis euopla</i>	25	19	44	43.2
Gnaphosidae	<i>Micaria aenea</i>	26	18	44	40.9
Thomisidae	<i>Ozyptila sincera canadensis</i>	43	11	44	2.3
Lycosidae	<i>Pirata piraticus</i>	32	11	43	25.6
Dictynidae	<i>Dictyna annulipes</i>	20	19	39	48.7
Gnaphosidae	<i>Gnaphosa parvula</i>	31	7	38	18.4
Linyphiidae	<i>Pityohyphantes subarcticus</i>	13	22	35	62.9
Thomisidae	<i>Xysticus luctuosus</i>	31	3	34	8.8
Thomisidae	<i>Xysticus triguttatus</i>	34	0	34	0.0
Linyphiidae	<i>Hypomma marxii</i>	14	17	31	54.8
Gnaphosidae	<i>Drassodes mirus</i>	27	3	30	10.0
Gnaphosidae	<i>Gnaphosa muscorum</i>	21	9	30	30.0
Totals		4,007	1,289	5,286	24.4

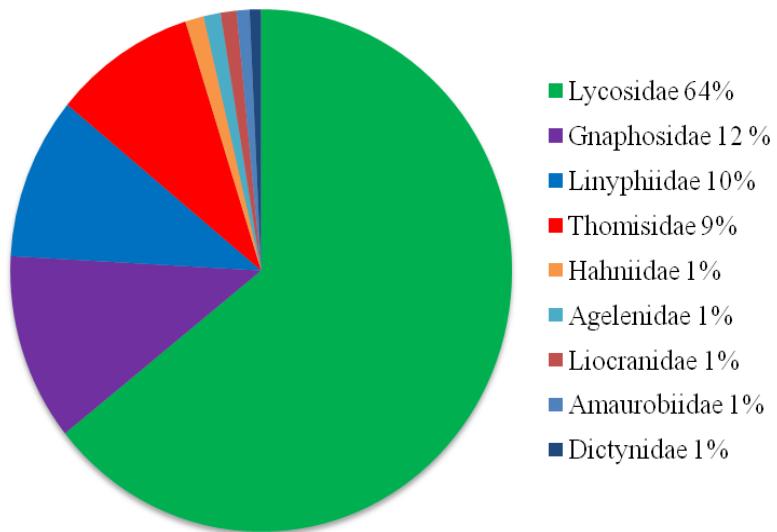


Figure 19. Numbers of adult spiders that yielded 30 or more specimens per species, by family.

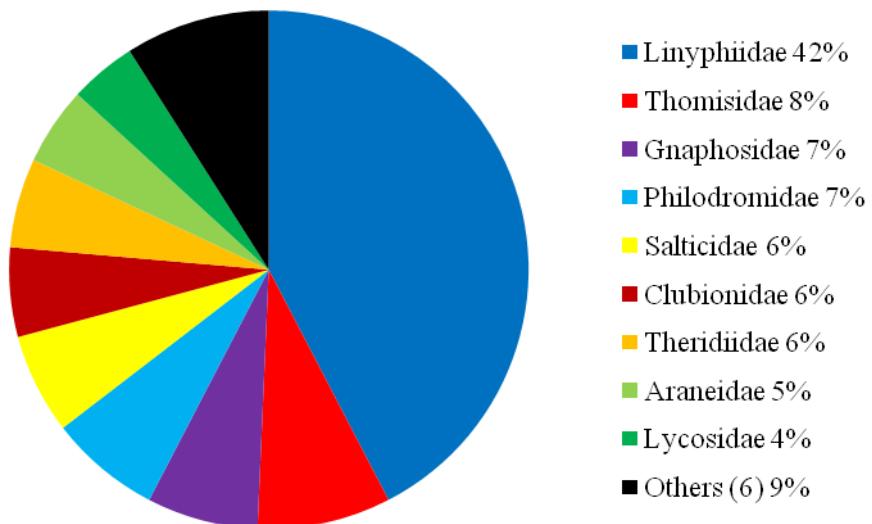


Figure 20. Numbers of adult spiders that yielded less than 30 specimens per species, by family.

Spiders Collected in Small Numbers

The majority of species collected were represented by 30 or fewer specimens (145 out of 185 or 78%). About 65% of these had five or fewer specimens (i.e. 93 out of 145) and 22% were represented by a single specimen (32 out of 145).

Note the similarities of Figures 18 (all species) and 20 (species collected in small numbers). Removal of species collected in large numbers from the data did not drastically change the relative proportions of most families. The main exception was the family

Lycosidae, which was the 4th most speciose family when all species were considered (9 %) but the 9th most speciose when only the uncommonly collected species were considered (4%). In other words, the main collecting method (i.e. pit traps) favoured collecting most of the lycosid species present in the study area.

In population biology, rarity is defined as those species which have “low abundance and/or small ranges” (Gaston 1994). In this study, low spider numbers generally were not the result of small ranges as all species collected (the exceptions are likely new species) have large ranges. Apparent rarity may have been the result of one or more of the following.

- We collected at a time when most individuals of certain species were immature (most immature spiders cannot be identified to species with present knowledge).
- The habitats sampled were poor for particular species (e.g. habitat specialists).
- We did not use the appropriate collecting methods or invest in enough effort (e.g. it is difficult and very time consuming to collect species that live under bark or inhabit boulder fields).
- We did not collect in the right locations (e.g. tops of trees).
- Certain species were at the edge of their geographic ranges.
- Some specimens were vagrants, i.e. not normally present in a certain area or habitat.
- Local populations had recently crashed (e.g. from disease) and had not had time to rebound.
- Certain species are always present in low numbers.

Significant Records

New records for Alberta were *Lophomma vaccinii* (Emerton 1926), *Tapinocyba bicarinata* (Emerton 1913), *Tunagyna debilis* (Banks 1892), and *Wabasso cacuminatus* Millidge 1984. All belong to the Linyphiidae. Likely undescribed (“new”) species included *Hypsosinga* sp. #1 (Araneidae), *Ceratinops* sp. #1 (Linyphiidae) and *Oreonetides* sp. #1 (Linyphiidae).

B. Comparisons with Other North-Eastern Wildland Parks

Birch Mountains Wildland Provincial Park is the seventh wildland park in north-eastern Alberta to be sampled for spiders. Previously, spiders surveys were done in Caribou Mountains Wildland Provincial Park (Nordstrom and Buckle 2002), Colin-Cornwall Lakes Wildland Provincial Park, (Nordstrom and Buckle 2004), La Butte Creek Wildland Provincial Park, Fidler-Greywillow Wildland Provincial Park, Marguerite River Wildland Provincial Park, and Richardson River Dunes Wildland Provincial Park (Nordstrom and Buckle 2006). Collections in the latter four parks were minor random collections. Spiders from the other three parks were more systematically collected.

Not many comparisons are possible because collection efforts (number of days, number of people interested in spiders, number and kinds of pit traps, effectiveness of rough sorting) as well as timing and local weather conditions varied so much.

In this study, the first representative of the spider family Mimetidae was collected (i.e. *Ero canionis*). However, no members of the family Pisauridae, previously collected from two other north-eastern parks, were found. In total, 18 families of spiders have been collected from north-eastern Alberta (Table 04). The only other family that may be collected from this area would be a member of the Uloboridae (i.e. *Hypotoites gertschi* has been collected from northern Saskatchewan (unpublished data, DJB)).

Of the seven wildland parks in which spiders have been collected, Birch Mountains Wildland provincial Park contributed 43 species (in 10 families, 25 species of Linyphiidae) that were not collected before. On the other hand, the other six collection sites produced 70 species (in 13 families, 31 species of Linyphiidae) that were not collected in the Birch Mountains. The species count for all seven parks totalled 251 species (Tables 05and 06; for details, see Appendices 01 and 02).

It is obvious that as more specimens are collected, more species are found. It is likely that the total number of spider species in this region of Alberta will significantly exceed 250 species and, with enough collecting effort, may reach 350-400 species.

Unknown species comprised only 4% (11 out of 251) of the total species count.

Table 04. Total species of spiders collected from seven wildland parks in North-eastern Alberta. See Nordstrom and Buckle (2006) for Caribou Mountains, Nordstrom and Buckle (2004) for Colin-Cornwall Lakes and Nordstrom and Buckle (2002) for the remaining four parks. See Appendices 01, 02 and 03 for details.

Family	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Linyphiidae	72	68	23	9	13	1	0
Thomisidae	18	12	7	2	2	1	0
Lycosidae	17	16	17	9	11	3	2
Gnaphosidae	17	12	14	2	3	1	0
Philodromidae	10	8	7	4	3	0	0
Salticidae	10	4	10	3	1	1	3
Theridiidae	8	7	6	1	0	1	0
Clubionidae	8	7	5	0	0	0	0
Araneidae	7	5	5	4	5	1	0
Tetragnathidae	4	4	5	4	3	0	0
Dictynidae	4	4	2	2	2	1	0
Amaurobiidae	4	2	1	0	0	0	0
Hahniidae	2	3	0	2	1	0	0
Agelenidae	1	1	1	1	1	0	0
Titanoecidae	1	1	1	0	1	0	0
Liocranidae	1	0	0	0	1	0	0
Mimetidae	1	0	0	0	0	0	0
Pisauridae	0	1	1	0	0	0	0
Totals	185	155	105	43	47	10	5

Table 05. Comparison of spider collections from seven wildland provincial parks located in north-eastern Alberta. Data derived from Nordstrom and Buckle (2002, 2004, 2006) and Appendix 02.

Locality	Main collection dates	Total families	Total number of adult spiders collected	Unknown species ¹	Number species only collected from that locality	Total species collected
Birch Mountains	5-14 June and 7-19 July 2004	17	6,184	7	43	185
Caribou Mountains	8-17 June and 6-16 July 2003	16	2,782	3	18	155
Colin-Cornwall Lakes	6-14 June and 5-10 July 2002	15	806	1	16	105
Fidler-Greywillow	7-11 June and 16-26 July 2001	12	111	2	6	43
La Butte Creek	15 June and 5-13 July 2001	13	99	1	4	47
Marguerite River	14-15 June 2000	8	12	0	0	10
Richardson River Dunes	12, 16 June 2000	2	7	0	1	5
Grand Totals	June to July 2000-2004	18	10,001	10	—	251

¹Species that do not seem to be described or are of uncertain status. Some were collected from more than one park.

Table 06. Species of spiders collected from Birch Mountains Wildland Provincial Park versus previously collected species from six other wildland provincial parks in north-eastern Alberta (Nordstrom and Buckle 2002, 2004, 2006).

Family	Collected from Birch Mountains but not from 6 other parks	Collected previously from 6 other parks but not from Birch Mountains	Total species from all 7 parks
Linyphiidae	25	31	104
Thomisidae	5	1	14
Theridiidae	3	5	13
Salticidae	2	5	15
Gnaphosidae	2	3	20
Amaurobiidae	2	0	4
Araneidae	1	9	16
Lycosidae	1	4	21
Philodromidae	1	3	13
Mimetidae	1	0	1
Tetragnathidae	0	3	7
Dictynidae	0	2	6
Hahniidae	0	2	4
Clubionidae	0	1	9
Pisauridae	0	1	1
Agelenidae	0	0	1
Liocranidae	0	0	1
Titanoecidae	0	0	1
Totals	43	70	251

Conclusions

The 6,211 identifiable spiders, which were collected from Birch Mountains Wildland Provincial Park in 2004, yielded 185 species within 17 families. Forty-three species were not collected previously from six other north-eastern wildland parks. Most species from the Birch Mountains were common residents of the boreal forest. As is typical of temperate North America, the family Linyphiidae produced the most species (72, with 23 not collected previously from other north-eastern parks). New linyphiid records for Alberta were *Lophomma vaccinii*, *Tapinocyba bicarinata*, *Tunagyna debilis*, and *Wabasso cacuminatus*. As is typical for most spider collections done with pit traps, the family Lycosidae dominated the numbers of specimens (56%).

A small but significant number of species (i.e., *Micaria constricta*, *Micaria tripunctata*, *Hahnia glacialis*, *Bathyphantes crosbyi*, *Xysticus durus*, and *Xysticus keyserlingi*) have sub-arctic or low arctic, alpine affinities. This is interesting for a site located solidly in the northern boreal. Perhaps the penetration of subarctic fauna into the northern boreal may be more extensive than is usually assumed.

The number of species of spiders found to date from seven wildland provincial parks in north-eastern Alberta now totals 251 species. It is likely that 350 to 400 species will eventually be found in this area. It is probable that only 18 or 19 families of spiders exist in north-eastern Alberta.

There were considerable differences in the species lists from the different wildland parks. Most of these differences were due to sampling effort and timing. With more collecting, the vast majority of species will likely be found at all parks. However, some real differences exist. For example, a few subarctic species will likely occur only in the more northerly sites. Also certain areas will possess very specific habitats that will harbour specialized species (e.g. the disjunct population of *Schizocosa minnesotensis* which was found only in the open sandy areas of Richardson River Dunes Wildland Provincial Park).

The Canadian boreal spider fauna is relatively well known (form the data presented here, only 4% unknown or undescribed), not because of extensive field work done in northern Canada, but because most boreal species have wide distributions and many are Holarctic (i.e. living in both northern Eurasia, which is well studied, and North America). None-the-less, the spider work done between 2000 and 2005 in the wildland parks of north-eastern Alberta has produced significant results. Firstly, at least three undescribed species (*Xysticus*, *Grammonota* and *Hypsosinga* species) were collected. Secondly, two Palaearctic species (i.e. from northern Eurasia and northern Africa), *Tmeticus affinis* (previously known from Eurasia) and *Walckenaerianus aimakensis* (previously known from Mongolia and Siberia), were recorded for the first time in North America. Thirdly, there were about a dozen major range extensions. Fourthly, there were 32 first records for Alberta. Fifthly, all the collection information will contribute to the known ranges and phenology (i.e. timing of reproductive periods) of the species found. Finally, the specimens deposited in the E.H. Strickland Museum will help future researchers identify these wondrous beasties.

Acknowledgements

We gratefully acknowledge Parks and Protected Areas Division, Alberta Tourism, Parks and Recreation for the opportunity to do this project and allow RGH to participate in the June survey. We thank Wayne Nordstrom, Ted Johnson and their associates for all the logistic work in planning and executing the survey. Without the aid of Gerald Hilchie, James Hilchie, Ted Johnson and others, who collected and sorted spiders, this report would have been much less complete.

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Appendices

Appendix 01. Spiders collected from Birch Mountains Wildland Provincial Park. Latitude and longitude in degrees, minutes and decimal minutes. es = egg sac(s) present, F = female, M = female, pu = penultimate stage, UASM = University of Alberta's E.H. Strickland Museum. Notes usually refer to UTM coordinates.

Family	Species Name	Male	Fem ale	Imm ature	Locality	Latitude (N)	Longitude (W)	Collection date(s)	Habitat	Collection Method	Collector(s)	Notes	Catalog Number
Agelenidae	<i>Agelenopsis utahana</i> Chamberlin & Ivie		1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76194
Agelenidae	<i>Agelenopsis utahana</i> Chamberlin & Ivie	20	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01142
Agelenidae	<i>Agelenopsis utahana</i> Chamberlin & Ivie	24	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76982
Agelenidae	<i>Agelenopsis utahana</i> Chamberlin & Ivie	3			Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76859
Agelenidae	<i>Agelenopsis utahana</i> Chamberlin & Ivie	2	1		Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76690
Agelenidae	<i>Agelenopsis utahana</i> Chamberlin & Ivie	1			Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76823
Agelenidae	<i>Agelenopsis utahana</i> Chamberlin & Ivie	2			Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76647
Agelenidae	<i>Agelenopsis utahana</i> Chamberlin & Ivie	2			Namur Lake			14-19 Jul? 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76763

Amaurobiidae	<i>Amaurobius borealis</i> Emerton	1		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76175
Amaurobiidae	<i>Arctobius agelenoides</i> (Emerton)		2	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76980
Amaurobiidae	<i>Arctobius agelenoides</i> (Emerton)		1	Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76063
Amaurobiidae	<i>Arctobius agelenoides</i> (Emerton)		2	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76557
Amaurobiidae	<i>Arctobius agelenoides</i> (Emerton)		1	Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76426
Amaurobiidae	<i>Arctobius agelenoides</i> (Emerton)		2	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76094
Amaurobiidae	<i>Arctobius agelenoides</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		DJB 01137
Amaurobiidae	<i>Arctobius agelenoides</i> (Emerton)		1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76821
Amaurobiidae	<i>Callobius nomeus</i> (Chamberlin)		1	Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76186
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76212
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)		1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76247
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76004
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	2	3	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76936
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	1		Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76062

Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	3			Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76329
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	1			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76542
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	3			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76414
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	1	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76043
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	4	3		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01143
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	5	2		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76135
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)		1		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76820
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)		3		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76255
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)		1		Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76354
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	2			Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76453
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby)	1	4		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76537
Araneidae	<i>Araneus iviei</i> (Archer)	3			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01148
Araneidae	<i>Araneus iviei</i> (Archer)	1			Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76786
Araneidae	<i>Araneus iviei</i> (Archer)	1			Gardiner Lake, N shore	57 34.8	112 28.0	7-12 July 2004	Base camp	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76576

Araneidae	<i>Araneus marmoreus</i> (Clerck)			2	Big Island Lake, S			5 June 2004	Along trail	general collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg	6383100 412000	UASM 76584
Araneidae	<i>Araneus marmoreus</i> (Clerck)	1			Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76795
Araneidae	<i>Hypsosinga rubens</i> (Hentz)	1			Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76007
Araneidae	<i>Hypsosinga rubens</i> (Hentz)	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76034
Araneidae	<i>Hypsosinga</i> sp. #1	1	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76924
Araneidae	<i>Larinoides cornutus</i> (Clerck)		1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76242
Araneidae	<i>Larinoides cornutus</i> (Clerck)	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76971
Araneidae	<i>Larinoides cornutus</i> (Clerck)		1		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76659
Araneidae	<i>Larinoides cornutus</i> (Clerck)		1		Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76060
Araneidae	<i>Larinoides cornutus</i> (Clerck)		3		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76556
Araneidae	<i>Larinoides cornutus</i> (Clerck)		1		Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76362
Araneidae	<i>Larinoides cornutus</i> (Clerck)		1		Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Lake shore	sweeping	R.G. Holmberg		UASM 76137
Araneidae	<i>Larinoides cornutus</i> (Clerck)		1		Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 76315
Araneidae	<i>Larinoides cornutus</i> (Clerck)		1		Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	DJB 01168

Araneidae	<i>Larinoides cornutus</i> (Clerck)		6		Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	DJB 01150
Araneidae	<i>Larinoides cornutus</i> (Clerck)	1	3		Gardiner Lake, N shore	57 34.8	112 28.0	7-12 July 2004	Base camp	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76573
Araneidae	<i>Larinoides cornutus</i> (Clerck)		1		Namur Lake peninsula	57 24.1	112 45.1	9 June 2004	Bog	hand collection	R.G. Holmberg		UASM 76121
Araneidae	<i>Larinoides cornutus</i> (Clerck)		5		Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76183
Araneidae	<i>Zygiella nearctica</i> Gertsch	2	1		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01146
Araneidae	<i>Zygiella nearctica</i> Gertsch		1	2pu M	Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76698
Araneidae	<i>Zygiella nearctica</i> Gertsch	2	1		Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76369
Araneidae	<i>Zygiella nearctica</i> Gertsch	1	3		Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76185
Araneidae	<i>Zygiella nearctica</i> Gertsch	1			Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76357
Araneidae	<i>Zygiella nearctica</i> Gertsch	1			Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76434
Clubionidae	<i>Clubiona bryantae</i> Gertsch		1		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76706
Clubionidae	<i>Clubiona bryantae</i> Gertsch	6			Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79015
Clubionidae	<i>Clubiona canadensis</i> Emerton	5	4		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01140
Clubionidae	<i>Clubiona canadensis</i> Emerton	1	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76937

Clubionidae	<i>Clubiona canadensis</i> Emerton	2			Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76854
Clubionidae	<i>Clubiona canadensis</i> Emerton	1	1		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76648
Clubionidae	<i>Clubiona canadensis</i> Emerton		1		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76499
Clubionidae	<i>Clubiona canadensis</i> Emerton	1			Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76699
Clubionidae	<i>Clubiona canadensis</i> Emerton	1	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76381
Clubionidae	<i>Clubiona canadensis</i> Emerton		1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76408
Clubionidae	<i>Clubiona canadensis</i> Emerton	1			Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76071
Clubionidae	<i>Clubiona canadensis</i> Emerton	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76086
Clubionidae	<i>Clubiona canadensis</i> Emerton		1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76388
Clubionidae	<i>Clubiona canadensis</i> Emerton	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76473
Clubionidae	<i>Clubiona canadensis</i> Emerton		3		Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76810
Clubionidae	<i>Clubiona canadensis</i> Emerton		1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76635
Clubionidae	<i>Clubiona furcata</i> Emerton	2			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76237
Clubionidae	<i>Clubiona furcata</i> Emerton	1	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		DJB 01149

Clubionidae	<i>Clubiona furcata</i> Emerton		6	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76965
Clubionidae	<i>Clubiona furcata</i> Emerton	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76938
Clubionidae	<i>Clubiona furcata</i> Emerton	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76031
Clubionidae	<i>Clubiona furcata</i> Emerton		1	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76532
Clubionidae	<i>Clubiona kulczynskii</i> Lessert	1	1	Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76002
Clubionidae	<i>Clubiona kulczynskii</i> Lessert	9	6	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79018
Clubionidae	<i>Clubiona kulczynskii</i> Lessert	1		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	DJB 01136
Clubionidae	<i>Clubiona kulczynskii</i> Lessert		2	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76881
Clubionidae	<i>Clubiona kulczynskii</i> Lessert	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76076
Clubionidae	<i>Clubiona norvegica</i> Strand	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01135
Clubionidae	<i>Clubiona norvegica</i> Strand	1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79013
Clubionidae	<i>Clubiona norvegica</i> Strand	1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79014
Clubionidae	<i>Clubiona norvegica</i> Strand		1	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 77916
Clubionidae	<i>Clubiona opeongo</i> Edwards	2		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76099

Clubionidae	<i>Clubiona opeongo</i> Edwards	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01164
Clubionidae	<i>Clubiona riparia</i> L.Koch	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76383
Clubionidae	<i>Clubiona riparia</i> L.Koch	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76047
Clubionidae	<i>Clubiona riparia</i> L.Koch	2		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76158
Clubionidae	<i>Clubiona riparia</i> L.Koch	5	1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76134
Clubionidae	<i>Clubiona riparia</i> L.Koch		1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76824
Clubionidae	<i>Clubiona riparia</i> L.Koch		2	Gardiner Lake, N shore	57 34.8	112 28.0	7-12 July 2004	Base camp	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76577
Clubionidae	<i>Clubiona riparia</i> L.Koch		1	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76636
Clubionidae	<i>Clubiona riparia</i> L.Koch	4		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76267
Clubionidae	<i>Clubiona riparia</i> L.Koch	1		Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76182
Clubionidae	<i>Clubiona riparia</i> L.Koch	1	3	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76705
Clubionidae	<i>Clubiona riparia</i> L.Koch	2	2	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01151
Clubionidae	<i>Clubiona trivialis</i> C.L.Koch	1		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76755
Clubionidae	<i>Clubiona trivialis</i> C.L.Koch	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 79011

Dictynidae	<i>Dictyna annulipes</i> Blackwall	2	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76382
Dictynidae	<i>Dictyna annulipes</i> Blackwall	3			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76559
Dictynidae	<i>Dictyna annulipes</i> Blackwall	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76385
Dictynidae	<i>Dictyna annulipes</i> Blackwall	5	8		Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76364
Dictynidae	<i>Dictyna annulipes</i> Blackwall	1			Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Reindeer moss & bearberry	seiving	R.G. Holmberg		UASM 76299
Dictynidae	<i>Dictyna annulipes</i> Blackwall	3	5		Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Lake shore	sweeping	R.G. Holmberg		UASM 76139
Dictynidae	<i>Dictyna annulipes</i> Blackwall	1			Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 76314
Dictynidae	<i>Dictyna annulipes</i> Blackwall	1			Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76189
Dictynidae	<i>Dictyna annulipes</i> Blackwall	3	5		Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01139
Dictynidae	<i>Dictyna arundinacea</i> Linnaeus		1		Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76798
Dictynidae	<i>Dictyna arundinacea</i> Linnaeus	1			Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01169
Dictynidae	<i>Dictyna brevitarsus</i> Emerton	2			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76930
Dictynidae	<i>Dictyna chitina</i> Chamberlin & Gertsch	2			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76485

Dictynidae	<i>Dictyna chitina</i> Chamberlin & Gertsch	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76396
Dictynidae	<i>Dictyna chitina</i> Chamberlin & Gertsch	1	1		Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 79090
Dictynidae	<i>Dictyna chitina</i> Chamberlin & Gertsch	1	2		Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 79088
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	1			Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76168
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	7			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76228
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	1	1		Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76613
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	4			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76927
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab		1		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76849
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	8	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	DJB 01080
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	1			Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76598
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	1			Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76058
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76100

Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab	3			Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76289
Gnaphosidae	<i>Drassodes</i> <i>neglectus</i> (Keyserling)		1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76878
Gnaphosidae	<i>Drassodes</i> <i>neglectus</i> (Keyserling)	1			Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01089
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	5			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76216
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	6			Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79045
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	2			Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76615
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	7	8		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76083
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	8			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76928
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1	1		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 79077
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	12	2		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	DJB 01073
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1			Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 79040
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	7			Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 79067
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1			Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 79034

Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1		Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76331
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76541
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79060
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1	1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79051
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79056
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki		1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79058
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1		Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76806
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	3		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 79046
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	2		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76281
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	6	1	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 79064
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	1		Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 79085
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki		1	Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79055
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	4	3	Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79073
Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	4	1	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 79037

Gnaphosidae	<i>Gnaphosa borea</i> Kulchynzki	2	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76510
Gnaphosidae	<i>Gnaphosa brunalis</i> Thorell	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76081
Gnaphosidae	<i>Gnaphosa brunalis</i> Thorell	1			Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 79041
Gnaphosidae	<i>Gnaphosa brunalis</i> Thorell	1			Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76730
Gnaphosidae	<i>Gnaphosa brunalis</i> Thorell		1		Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76681
Gnaphosidae	<i>Gnaphosa brunalis</i> Thorell	1			Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76061
Gnaphosidae	<i>Gnaphosa brunalis</i> Thorell	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76387
Gnaphosidae	<i>Gnaphosa brunalis</i> Thorell	2			Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76066
Gnaphosidae	<i>Gnaphosa brunalis</i> Thorell	2			Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	DJB 01081
Gnaphosidae	<i>Gnaphosa microps</i> Holm		3		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79069
Gnaphosidae	<i>Gnaphosa microps</i> Holm		4		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76195
Gnaphosidae	<i>Gnaphosa microps</i> Holm	4	1		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76676
Gnaphosidae	<i>Gnaphosa microps</i> Holm		1		Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 79035
Gnaphosidae	<i>Gnaphosa microps</i> Holm	28	5		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76978

Gnaphosidae	<i>Gnaphosa microps</i> Holm	3	3		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76746
Gnaphosidae	<i>Gnaphosa microps</i> Holm	21			Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76782
Gnaphosidae	<i>Gnaphosa microps</i> Holm		4		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79080
Gnaphosidae	<i>Gnaphosa microps</i> Holm	28	5		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76846
Gnaphosidae	<i>Gnaphosa microps</i> Holm	1	2		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79076
Gnaphosidae	<i>Gnaphosa microps</i> Holm	3			Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76731
Gnaphosidae	<i>Gnaphosa microps</i> Holm	1	1		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76657
Gnaphosidae	<i>Gnaphosa microps</i> Holm	7	3		Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76597
Gnaphosidae	<i>Gnaphosa microps</i> Holm		1		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76488
Gnaphosidae	<i>Gnaphosa microps</i> Holm	1	1		Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76696
Gnaphosidae	<i>Gnaphosa microps</i> Holm		2		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79054
Gnaphosidae	<i>Gnaphosa microps</i> Holm		1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76035
Gnaphosidae	<i>Gnaphosa microps</i> Holm		2		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76416
Gnaphosidae	<i>Gnaphosa microps</i> Holm		2		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76103

Gnaphosidae	<i>Gnaphosa microps</i> Holm		1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76147
Gnaphosidae	<i>Gnaphosa microps</i> Holm		4	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76087
Gnaphosidae	<i>Gnaphosa microps</i> Holm	24	6	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	DJB 01085
Gnaphosidae	<i>Gnaphosa microps</i> Holm		2	Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79062
Gnaphosidae	<i>Gnaphosa microps</i> Holm	1	1	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 79065
Gnaphosidae	<i>Gnaphosa microps</i> Holm	61	2	Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 79087
Gnaphosidae	<i>Gnaphosa microps</i> Holm	39	6	Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76766
Gnaphosidae	<i>Gnaphosa microps</i> Holm		2	Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79071
Gnaphosidae	<i>Gnaphosa microps</i> Holm		1	Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76445
Gnaphosidae	<i>Gnaphosa microps</i> Holm	6	1	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76702
Gnaphosidae	<i>Gnaphosa microps</i> Holm		2	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79063
Gnaphosidae	<i>Gnaphosa microps</i> Holm		2	trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76348
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	1	1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79070
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79043

Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	4	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79082
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 79079
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)		2		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79074
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	1	1		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 79039
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)		1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79059
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	1	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79052
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	2			Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 79048
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	1	1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76637
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	3			Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 79086
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	1			Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76356
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch)	5	1		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01087
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79044
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 79061

Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 79078
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79075
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	2			Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 79042
Gnaphosidae	<i>Gnaphosa parvula</i> Banks		1		Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 79068
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79025
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79033
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79053
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79057
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79050
Gnaphosidae	<i>Gnaphosa parvula</i> Banks		1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76053
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	4			Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 79047
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	5	2		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	DJB 01082
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	1			Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76263
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	3	1		Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 79084
Gnaphosidae	<i>Gnaphosa parvula</i> Banks	5			Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79072

Gnaphosidae	<i>Gnaphosa parvula</i> Banks	3	1		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 79036
Gnaphosidae	<i>Gnaphosa parvula</i> Banks		1		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 79038
Gnaphosidae	<i>Haplodrassus eunis</i> Chamberlin	1			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76233
Gnaphosidae	<i>Haplodrassus eunis</i> Chamberlin	1			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	DJB 01079
Gnaphosidae	<i>Haplodrassus eunis</i> Chamberlin	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76089
Gnaphosidae	<i>Haplodrassus eunis</i> Chamberlin	1	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76282
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	5			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76236
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)		1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76197
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	3			Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76028
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)		2		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76003
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	11	2		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76976
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	3	3		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	DJB 01078
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	1	2		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76847

Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	4	3		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76874
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)		1		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76658
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	1			Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76596
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	1			Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76697
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)		1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79021
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	2	1		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76817
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	2	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76284
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)		1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 79022
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	1			Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79020
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	1			Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 79023
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	1			Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76124
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	4	2		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76450
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	3	3		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76704

Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton)	8		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76518
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	2		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01086
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	2		Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76614
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	1		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76781
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76875
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76409
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)		1	Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76421
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)		2	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76146
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76285
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	2		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76638
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	2	2	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01084
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch)	2		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76261
Gnaphosidae	<i>Micaria aenea</i> Thorell	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76226
Gnaphosidae	<i>Micaria aenea</i> Thorell	2		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76207

Gnaphosidae	<i>Micaria aenea</i> Thorell	10	6	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76966
Gnaphosidae	<i>Micaria aenea</i> Thorell		1	Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76784
Gnaphosidae	<i>Micaria aenea</i> Thorell	12	4	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	DJB 01074
Gnaphosidae	<i>Micaria aenea</i> Thorell		2	Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76848
Gnaphosidae	<i>Micaria aenea</i> Thorell	3		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76549
Gnaphosidae	<i>Micaria aenea</i> Thorell	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76405
Gnaphosidae	<i>Micaria aenea</i> Thorell	1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76110
Gnaphosidae	<i>Micaria aenea</i> Thorell		1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76142
Gnaphosidae	<i>Micaria aenea</i> Thorell		1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76819
Gnaphosidae	<i>Micaria aenea</i> Thorell	2		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76283
Gnaphosidae	<i>Micaria aenea</i> Thorell		1	Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76767
Gnaphosidae	<i>Micaria aenea</i> Thorell	1		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76449
Gnaphosidae	<i>Micaria aenea</i> Thorell		1	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76703
Gnaphosidae	<i>Micaria aenea</i> Thorell	3	1	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76520

Gnaphosidae	<i>Micaria constricta</i> Emerton		1	Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 79161
Gnaphosidae	<i>Micaria constricta</i> Emerton		1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79029
Gnaphosidae	<i>Micaria constricta</i> Emerton	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79029
Gnaphosidae	<i>Micaria pulicaria</i> (Sundevall)	1	1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79031
Gnaphosidae	<i>Micaria tripunctata</i> Holm	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01166
Gnaphosidae	<i>Micaria tripunctata</i> Holm		1	Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	DJB 01165
Gnaphosidae	<i>Micaria tripunctata</i> Holm		1	Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76783
Gnaphosidae	<i>Micaria tripunctata</i> Holm		1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79030
Gnaphosidae	<i>Pardosa hyperborea</i> (Thorell)	17	13	Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76595
Gnaphosidae	<i>Zelotes fratriis</i> Chamberlin	1	1	Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76211
Gnaphosidae	<i>Zelotes fratriis</i> Chamberlin	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76925
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	3	2	Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01083

Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	1	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76977
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin		1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76880
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	1			Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76064
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	1			Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76330
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	2			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76038
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	4			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76547
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	1			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76420
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76042
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76141
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76102
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	1			Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76816
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin		2		Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76765
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin	2			trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76343
Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch	3			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76224

Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch	5	1		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	DJB 01088
Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch		2		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76879
Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch	1			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79026
Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch		1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79027
Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch		1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76108
Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch	1			Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 79024
Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch	1			Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 79028
Hahniidae	<i>Hahnia glacialis</i> Soerensen		1		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76756
Hahniidae	<i>Hahnia glacialis</i> Soerensen	1	1		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76785
Hahniidae	<i>Hahnia glacialis</i> Soerensen		3		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	DJB 01141
Hahniidae	<i>Hahnia glacialis</i> Soerensen		1		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76490
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		12	3	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76239
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		1		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76173

Hahniidae	<i>Neoantistea magna</i> (Keyserling)		3	Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76198
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		2	Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76616
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		1	Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76677
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		5	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76979
Hahniidae	<i>Neoantistea magna</i> (Keyserling)	4	5	Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	DJB 01138
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		2	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76899
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		3	Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76333
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		2	Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76037
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		3	Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76041
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		2	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76105
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		6	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76133
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		3	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76153
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		1	Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76291

Hahniidae	<i>Neoantistea magna</i> (Keyserling)	1	3		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76646
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		2		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76271
Hahniidae	<i>Neoantistea magna</i> (Keyserling)		2		trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76345
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	1			Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76213
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	3			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 00953
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	9			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79118
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	2	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		DJB 00959
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	12	7		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	DJB 00955
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	2	2		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79104
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	4			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79105
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	1			Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	error	UASM 76753
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	1			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76493
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)		1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76163
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	2			Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76480

Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	2	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76294
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	1			Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76446
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)	4			Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76524
Linyphiidae	<i>Agyneta olivacea</i> (Emerton)		1		trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76347
Linyphiidae	<i>Baryphyma trifrons</i> (O.P.-Cambridge)	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 00954
Linyphiidae	<i>Baryphyma trifrons</i> (O.P.-Cambridge)	1			Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Lake shore	sweeping	R.G. Holmberg		UASM 76140
Linyphiidae	<i>Bathyphantes crosbyi</i> Emerton	1			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76486
Linyphiidae	<i>Bathyphantes pallidus</i> (Banks)	1			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79114
Linyphiidae	<i>Bathyphantes pallidus</i> (Banks)	1			Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76209
Linyphiidae	<i>Bathyphantes pallidus</i> (Banks)	1			Big Island Lake, S	57 35.0	112 28.3?	7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	DJB 01167
Linyphiidae	<i>Bathyphantes pallidus</i> (Banks)	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76050
Linyphiidae	<i>Ceraticelus atriceps</i> (O.P.-Cambridge)		1		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76750
Linyphiidae	<i>Ceraticelus atriceps</i> (O.P.-Cambridge)		1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79112
Linyphiidae	<i>Ceraticelus atriceps</i> (O.P.-Cambridge)		1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76560

Linyphiidae	<i>Ceraticelus atriceps</i> (O.P.-Cambridge)	1		Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76368
Linyphiidae	<i>Ceratinella alaskana</i> Chamberlin	3		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76496
Linyphiidae	<i>Ceratinella brunnea</i> Emerton	1		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76500
Linyphiidae	<i>Ceratinella brunnea</i> Emerton		1	Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79098
Linyphiidae	<i>Ceratinops sp. #1</i>	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79127
Linyphiidae	<i>Ceratinopsis labradorensis</i> Emerton	1	1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79130
Linyphiidae	<i>Ceratinopsis labradorensis</i> Emerton	2		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79099
Linyphiidae	<i>Ceratinopsis labradorensis</i> Emerton	3	3	Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01157
Linyphiidae	<i>Ceratinopsis stativa</i> (Simon)	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76016
Linyphiidae	<i>Ceratinopsis stativa</i> (Simon)		13	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01158
Linyphiidae	<i>Ceratinopsis stativa</i> (Simon)	1		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76851
Linyphiidae	<i>Ceratinopsis stativa</i> (Simon)	2		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	USAM 79102
Linyphiidae	<i>Ceratinopsis stativa</i> (Simon)	1		Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76057
Linyphiidae	<i>Ceratinopsis stativa</i> (Simon)	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76404

Linyphiidae	<i>Ceratinopsis stativa</i> (Simon)		1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01159
Linyphiidae	<i>Ceratinopsis stativa</i> (Simon)	1			Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79125
Linyphiidae	<i>Cnephalocotes obscurus</i> (Blackwall)	4			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01068
Linyphiidae	<i>Cnephalocotes obscurus</i> (Blackwall)	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76096
Linyphiidae	<i>Cnephalocotes obscurus</i> (Blackwall)	3			Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79096
Linyphiidae	<i>Cnephalocotes obscurus</i> (Blackwall)	1			Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76444
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	3	2		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76231
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	1			Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76018
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79144
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	3			Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76776
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	13	5		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	DJB 01070
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	3			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76491
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	1			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76415

Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	1		Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Reindeer moss & bearberry	seiving	R.G. Holmberg		UASM 76297
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	4	5	Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Moss	sieving	R.G. Holmberg		UASM 76324
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	3		Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76482
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	5		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79094
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton)	1		Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76441
Linyphiidae	<i>Diplocentria rectangulata</i> (Emerton)	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79126
Linyphiidae	<i>Diplocentria rectangulata</i> (Emerton)	1	3	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 79162
Linyphiidae	<i>Diplocentria rectangulata</i> (Emerton)	1	1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	DJB 01072
Linyphiidae	<i>Diplocentria rectangulata</i> (Emerton)		3	Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Reindeer moss & bearberry	seiving	R.G. Holmberg		UASM 79169
Linyphiidae	<i>Diplocentria rectangulata</i> (Emerton)	1	7	Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Moss	sieving	R.G. Holmberg		UASM 76328
Linyphiidae	<i>Dismodicus alticeps</i> Chamberlin & Ivie	1		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	DJB 01160
Linyphiidae	<i>Dismodicus alticeps</i> Chamberlin & Ivie	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 79172
Linyphiidae	<i>Dismodicus decemoculatus</i> (Emerton)	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76527

Linyphiidae	<i>Eperigone undulata</i> (Emerton)		1	Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76127
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop	7	6	Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76340
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop		2	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76565
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop	1	1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76174
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop	17	15	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01071
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop	25	14	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76116
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop	27	8	Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76044
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop		1	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76645
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop	21	4	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76268
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop		1	Namur Lake	57 22.5	112 45.9	9 June 2004	Beach, Namur Lake Lodge	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg	6360300N 393900E	UASM 76579
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop	5		Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76428
Linyphiidae	<i>Erigone dentigera</i> (O.P.-Cambridge)		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79100
Linyphiidae	<i>Erigoninae</i> sp. #1		1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79113
Linyphiidae	<i>Erigoninae</i> sp. #1		1	Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79101

Linyphiidae	<i>Estrandia grandaeva</i> (Keyserling)	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79134
Linyphiidae	<i>Estrandia grandaeva</i> (Keyserling)	1	1	Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		DJB 00961
Linyphiidae	<i>Estrandia grandaeva</i> (Keyserling)	2		Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 76317
Linyphiidae	<i>Estrandia grandaeva</i> (Keyserling)		2	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76803
Linyphiidae	<i>Estrandia grandaeva</i> (Keyserling)		1	Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76427
Linyphiidae	<i>Gonatium crassipalpum</i> Bryant		1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79121
Linyphiidae	<i>Gonatium crassipalpum</i> Bryant		5	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 79148
Linyphiidae	<i>Gonatium crassipalpum</i> Bryant		1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	DJB 00952
Linyphiidae	<i>Gonatium crassipalpum</i> Bryant	1		Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76799
Linyphiidae	<i>Grammonota angusta</i> Dondale		1	Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76376
Linyphiidae	<i>Grammonota angusta</i> Dondale		1	Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76372
Linyphiidae	<i>Grammonota maritima</i> Emerton	1	4	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76263
Linyphiidae	<i>Hilaira caniculata</i> (Emerton)		1	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76531

Linyphiidae	<i>Hilaira heriosa</i> (Thorell)	2	1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79150
Linyphiidae	<i>Hilaira heriosa</i> (Thorell)		1	Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76469
Linyphiidae	<i>Hilaira</i> sp. #1		1	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79170
Linyphiidae	<i>Hybauchenidium cymbadentatum</i> (Crosby & Bishop)		1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76569
Linyphiidae	<i>Hybauchenidium cymbadentatum</i> (Crosby & Bishop)		1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76155
Linyphiidae	<i>Hybauchenidium gibbosum</i> (Soerensen)		1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79117
Linyphiidae	<i>Hybauchenidium gibbosum</i> (Soerensen)		2	Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76170
Linyphiidae	<i>Hybauchenidium gibbosum</i> (Soerensen)		6	Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		DJB 00956
Linyphiidae	<i>Hybauchenidium gibbosum</i> (Soerensen)		13	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79136
Linyphiidae	<i>Hybauchenidium gibbosum</i> (Soerensen)		1	Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76424
Linyphiidae	<i>Hybauchenidium gibbosum</i> (Soerensen)		1	Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Reindeer moss & bearberry	seiving	R.G. Holmberg		UASM 76298
Linyphiidae	<i>Hybauchenidium gibbosum</i> (Soerensen)		5	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76525

Linyphiidae	<i>Hypomma marxii</i> (Keyserling)	1	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79142
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)		2		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76752
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)	6	10		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	DJB 00958
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)	1			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79103
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)	1			Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76373
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)	1			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76564
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)	2			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76407
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)	2	1		Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76365
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)		1		Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76433
Linyphiidae	<i>Hypomma marxii</i> (Keyserling)		2		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76515
Linyphiidae	<i>Hypselistes jacksonii</i> (O.P.-Cambridge)		1		Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76336
Linyphiidae	<i>Kaestneria pullata</i> (O.P.-Cambridge)		2		Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76432
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)		1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79143
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	17	15		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76492

Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	1	1		Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76692
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76393
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	2	2		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01076
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)		2		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76109
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)		1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76088
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)		2		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76310
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	1	1		Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Moss	sieving	R.G. Holmberg		UASM 76325
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton)	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76470
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	1	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		DJB 00962
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79157
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	1			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76504
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	1			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79002
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)		1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76570
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	1			Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76072

Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76475
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)	2		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79097
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton)		1	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76535
Linyphiidae	<i>Lepthyphantes duplicatus</i> (Emerton)	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79147
Linyphiidae	<i>Lepthyphantes duplicatus</i> (Emerton)	2	1	Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01077
Linyphiidae	<i>Lepthyphantes duplicatus</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76073
Linyphiidae	<i>Lepthyphantes duplicatus</i> (Emerton)		3	Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76181
Linyphiidae	<i>Lepthyphantes turbatrix</i> (O.P.-Cambridge)	1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79149
Linyphiidae	<i>Lepthyphantes turbatrix</i> (O.P.-Cambridge)	1		Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79146
Linyphiidae	<i>Lepthyphantes washingtoni</i> Zorsch		1	Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76852
Linyphiidae	<i>Lepthyphantes washingtoni</i> Zorsch	3		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76412
Linyphiidae	<i>Lepthyphantes washingtoni</i> Zorsch		1	Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 76318
Linyphiidae	<i>Lophomma vaccinii</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76115

Linyphiidae	<i>Macrargus multesimus</i> (O.P.-Cambridge)		1	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79138
Linyphiidae	<i>Maro amplus</i> Dondale & Buckle	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76137
Linyphiidae	<i>Microlinyphia mandibulata mandabulata</i> (Emerton)		1	Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76663
Linyphiidae	<i>Microlinyphia mandibulata mandabulata</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76150
Linyphiidae	<i>Microlinyphia mandibulata mandabulata</i> (Emerton)		1	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	DJB 00965
Linyphiidae	<i>Microlinyphia mandibulata mandabulata</i> (Emerton)		1	Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 79091
Linyphiidae	<i>Microlinyphia mandibulata mandabulata</i> (Emerton)	1		Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76768
Linyphiidae	<i>Microlinyphia mandibulata mandabulata</i> (Emerton)		2	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76717
Linyphiidae	<i>Neriene clathrata</i> (Sundevall)	1		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76718
Linyphiidae	<i>Neriene clathrata</i> (Sundevall)	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76521
Linyphiidae	<i>Neriene radiata</i> (Walckenaer)		1	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76800
Linyphiidae	<i>Oreonetides</i> sp #1	2		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79131

Linyphiidae	<i>Oreonetides</i> sp #1	1	1	Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76122
Linyphiidae	<i>Oreonetides vaginatus</i> (Thorell)	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 00957
Linyphiidae	<i>Oreonetides vaginatus</i> (Thorell)	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76539
Linyphiidae	<i>Pelecopsis mengei</i> (Simon)	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76162
Linyphiidae	<i>Pityophyphantes costatus</i> (Hentz)		2	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76967
Linyphiidae	<i>Pityophyphantes costatus</i> (Hentz)		1	Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76377
Linyphiidae	<i>Pityophyphantes limitaneus</i> Emerton	1		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76495
Linyphiidae	<i>Pityophyphantes limitaneus</i> Emerton	2	1	Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76380
Linyphiidae	<i>Pityophyphantes limitaneus</i> Emerton	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76400
Linyphiidae	<i>Pityophyphantes limitaneus</i> Emerton	2		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76391
Linyphiidae	<i>Pityophyphantes limitaneus</i> Emerton	6	2	Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76370
Linyphiidae	<i>Pityophyphantes limitaneus</i> Emerton	1		Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Lake shore	sweeping	R.G. Holmberg		UASM 76136
Linyphiidae	<i>Pityophyphantes limitaneus</i> Emerton		2	Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 76316
Linyphiidae	<i>Pityophyphantes limitaneus</i> Emerton		1	Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76474

Linyphiidae	<i>Pityophantes limitaneus</i> Emerton		1	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76801
Linyphiidae	<i>Pityophantes limitaneus</i> Emerton	1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76311
Linyphiidae	<i>Pityophantes limitaneus</i> Emerton	5	2	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8 June 2004	Sweeping pine & spruce	sweeping	R.G. Holmberg		DJB 01064
Linyphiidae	<i>Pityophantes limitaneus</i> Emerton	1		Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76179
Linyphiidae	<i>Pityophantes limitaneus</i> Emerton		2	Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76355
Linyphiidae	<i>Pityophantes limitaneus</i> Emerton	4	10	Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76440
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie		1	Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76754
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76922
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie		4	Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76649
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	5	4	Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		DJB 01063
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	1		Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76056
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	2		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76553

Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76091
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie		5	Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76371
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	1	1	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76802
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie		1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76815
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	1	6	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76644
Linyphiidae	<i>Pityophantes subarcticus</i> Chamberlin & Ivie	1		Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76437
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	1		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76166
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	3	2	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79115
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	2		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76013
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	1		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76775
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	1	1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 79152
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79110

Linyphiidae	<i>Pocadicnemis americana</i> Millidge		1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76566
Linyphiidae	<i>Pocadicnemis americana</i> Millidge		1	Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Moss	sieving	R.G. Holmberg		UASM 76327
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	5		Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76483
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	3		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79092
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	1		Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76123
Linyphiidae	<i>Pocadicnemis americana</i> Millidge	1		trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76341
Linyphiidae	<i>Satilatlas gertschi</i> Millidge	3		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 79164
Linyphiidae	<i>Satilatlas gertschi</i> Millidge	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76093
Linyphiidae	<i>Satilatlas gertschi</i> Millidge	9	12	Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 00966
Linyphiidae	<i>Satilatlas gertschi</i> Millidge	3	1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76302
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76165
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	2	1	Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76205
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76022

Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79145
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76561
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76078
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76390
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76120
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76304
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)		2	Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Moss	sieving	R.G. Holmberg		UASM 76323
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	3	1	Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		DJB 00968
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76538
Linyphiidae	<i>Sciastes truncatus</i> (Emerton)	1		trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76342
Linyphiidae	<i>Scotinotylus pallidus</i> (Emerton)	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79173
Linyphiidae	<i>Scotinotylus sacer</i> (Crosby)	1	1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79159
Linyphiidae	<i>Sisicottus montanus</i> (Emerton)	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76023

Linyphiidae	<i>Sisicottus montanus</i> (Emerton)		2	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79166
Linyphiidae	<i>Sisicottus montanus</i> (Emerton)		1	Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 00964
Linyphiidae	<i>Sisicottus montanus</i> (Emerton)	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76472
Linyphiidae	<i>Sisicus apertus</i> (Holm)		2	Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Moss	sieving	R.G. Holmberg		UASM 76322
Linyphiidae	<i>Sisis sp. #1, near rotundus</i>	8	2	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	DJB 00963
Linyphiidae	<i>Sisis sp. #1, near rotundus</i>	2		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76502
Linyphiidae	<i>Sisis sp. #1, near rotundus</i>	4		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76568
Linyphiidae	<i>Sisis sp. #1, near rotundus</i>	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76081
Linyphiidae	<i>Sisis sp. #1, near rotundus</i>	2		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76101
Linyphiidae	<i>Sisis sp. #1, near rotundus</i>	4		Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76479
Linyphiidae	<i>Stemonyphantes blauveltae</i> Gertsch	1	1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 00967
Linyphiidae	<i>Stemonyphantes blauveltae</i> Gertsch	1	1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76897
Linyphiidae	<i>Stemonyphantes blauveltae</i> Gertsch	2		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76294
Linyphiidae	<i>Tapinocyba bicarinata</i> (Emerton)	3	1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79129

Linyphiidae	<i>Tapinocyba bicarinata</i> (Emerton)	1			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79106
Linyphiidae	<i>Tunagyna debilis</i> (Banks)		1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 79093
Linyphiidae	<i>Tunagyna debilis</i> (Banks)		1		Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	DJB 00980
Linyphiidae	<i>Tunagyna debilis</i> (Banks)	1			Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76529
Linyphiidae	<i>Wabasso cacuminatus</i> Millidge	1			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79132
Linyphiidae	<i>Wabasso cacuminatus</i> Millidge	3	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01163
Linyphiidae	<i>Wabasso cacuminatus</i> Millidge	1			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79109
Linyphiidae	<i>Wakckenaeria karpinskii</i> (O.P.-Cambridge)	1			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79122
Linyphiidae	<i>Walckenaeria arctica</i> Millidge	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79167
Linyphiidae	<i>Walckenaeria arctica</i> Millidge		1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79108
Linyphiidae	<i>Walckenaeria atrotibialis</i> (O.P.-Cambridge)	1			Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76772
Linyphiidae	<i>Walckenaeria atrotibialis</i> (O.P.-Cambridge)	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79165

Linyphiidae	<i>Walckenaeria auranticeps</i> (Emerton)	2		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79139
Linyphiidae	<i>Walckenaeria castanea</i> (Emerton)		1	Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	DJB 01066
Linyphiidae	<i>Walckenaeria castanea</i> (Emerton)		1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79156
Linyphiidae	<i>Walckenaeria castanea</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76471
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)		1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79124
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79135
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)		3	Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76751
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)		1	Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	DJB 01162
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)	1	3	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	DJB 01161
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)		1	Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76850
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)		1	Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76506
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76117
Linyphiidae	<i>Walckenaeria communis</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76484

Linyphiidae	<i>Walckenaeria communis</i> (Emerton)		2		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76459
Linyphiidae	<i>Walckenaeria exigua</i> Millidge	2			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79122
Linyphiidae	<i>Walckenaeria exigua</i> Millidge	1			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 79111
Linyphiidae	<i>Walckenaeria exigua</i> Millidge	1			Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01065
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	1			Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76021
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 79140
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	21	2		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79154
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	16			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76505
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	3			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76567
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	1			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76411
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76395

Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)		1	Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Moss	sieving	R.G. Holmberg		UASM 76326
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	4	1	Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		DJB 01067
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76288
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge)	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76530
Linyphiidae	<i>Walckenaeria lepida</i> (Kulczynski)		1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76562
Linyphiidae	<i>Walckenaeria lepida</i> (Kulczynski)		1	Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 76313
Linyphiidae	<i>Walckenaeria tricornis</i> (Emerton)	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76020
Linyphiidae	<i>Walckenaeria tricornis</i> (Emerton)	6		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 79160
Linyphiidae	<i>Walckenaeria tricornis</i> (Emerton)	2		Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		DJB 01075
Linyphiidae	<i>Zornella armata</i> (Banks)		1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79119
Linyphiidae	<i>Zornella armata</i> (Banks)		1	Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76164
Linyphiidae	<i>Zornella armata</i> (Banks)		2	Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76011

Linyphiidae	<i>Zornella armata</i> (Banks)		9	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76968
Linyphiidae	<i>Zornella armata</i> (Banks)		4	Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76749
Linyphiidae	<i>Zornella armata</i> (Banks)		6	Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76770
Linyphiidae	<i>Zornella armata</i> (Banks)		14	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	DJB 01069
Linyphiidae	<i>Zornella armata</i> (Banks)		1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76898
Linyphiidae	<i>Zornella armata</i> (Banks)		4	Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76497
Linyphiidae	<i>Zornella armata</i> (Banks)		5	Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76693
Linyphiidae	<i>Zornella armata</i> (Banks)		3	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76563
Linyphiidae	<i>Zornella armata</i> (Banks)		1	Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76422
Linyphiidae	<i>Zornella armata</i> (Banks)		3	Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76075
Linyphiidae	<i>Zornella armata</i> (Banks)		1	Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76392
Linyphiidae	<i>Zornella armata</i> (Banks)		2	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76303
Linyphiidae	<i>Zornella armata</i> (Banks)		1	Namur Lake	57 22.5	112 45.9	9 June 2004	Beach, Namur Lake Lodge	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg	6360300N 393900E	UASM 76580
Linyphiidae	<i>Zornella armata</i> (Banks)		7	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76508

Liocranidae	<i>Agroeca ornata</i> Banks	3	2		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76192
Liocranidae	<i>Agroeca ornata</i> Banks	4	1		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76167
Liocranidae	<i>Agroeca ornata</i> Banks	4	9		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76001
Liocranidae	<i>Agroeca ornata</i> Banks	16	10		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76964
Liocranidae	<i>Agroeca ornata</i> Banks		1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76939
Liocranidae	<i>Agroeca ornata</i> Banks		1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76882
Liocranidae	<i>Agroeca ornata</i> Banks	1			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76423
Liocranidae	<i>Agroeca ornata</i> Banks		1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76533
Liocranidae	<i>Agroeca ornata</i> Banks	2	1		trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76349
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	3	1		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76174
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	13	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76191
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	15	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76235
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	23	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76215
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	7			Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76009

Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1			Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76612
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	25			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01126
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	25			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76951
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	30			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76949
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)		20		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01114
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1			Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76737
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	34			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76914
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	4	2		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76841
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	23	8		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76893
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	25	7		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76892
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1			Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76727
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1			Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76682
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	3			Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76587

Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76375
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1		Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76055
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	8		Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76337
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76029
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	4	1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76543
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	2		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76402
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76068
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76045
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	3	1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76151
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	8	1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76085
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)		1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76834
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	23	2	Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM76272
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)		3	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76630
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	5	1	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76252

Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1	1	Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76431
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)		1	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76707
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	11	9	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76519
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)	1	1	trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76351
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	14	3	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76246
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)		1	Gardiner Lake			7-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76794
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	7	3	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76916
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	1	1puF	Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76842
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	2	1puM	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76895
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)		1	Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76592
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)		1	Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76384
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76548
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)		2	Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76032

Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76300
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76301
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)		1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76832
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	3		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM76274
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	1	1	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76254
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	1	2	Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76762
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	1		Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76184
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	9	4	Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01144
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	6		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76448
Lycosidae	<i>Arctosa alpigena</i> (Doleschall)	1	1	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76528
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	2		Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01121
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	1		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76466
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	1		Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76429
Lycosidae	<i>Arctosa raptor</i> (Kulczynski)	3		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76516

Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	14	2		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01110
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	7	2	2	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76894
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	1			Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76683
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	3			Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76335
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	1			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76546
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)		1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76036
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	1	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76417
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	2	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76083
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	6			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76149
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	1		1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76833
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	15	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM76275
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	1			Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76622
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	7	3		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01132
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	2			Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76130

Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	13			Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76465
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)	14	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76517
Lycosidae	<i>Pardosa concinna</i> (Thorell)	1			Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76685
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	18			Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76607
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	19	4		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76673
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	3			Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76736
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	1			Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76793
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	3			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76909
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	17	3		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76837
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	40	3		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76889
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	3			Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76724
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	13	4		Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	DJB 01116
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	26			Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76589

Lycosidae	<i>Pardosa furcifera</i> (Thorell)	2	3		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76830
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	3			Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM76286
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	1	1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76629
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	2			Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76126
Lycosidae	<i>Pardosa furcifera</i> (Thorell)	1			Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01128
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	2	14		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76668
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	1			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76888
Lycosidae	<i>Pardosa fuscula</i> (Thorell)		1		Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76726
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	6	1		Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76334
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	3	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76052
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	6	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76143
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	2			Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM76280
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	1	1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76624

Lycosidae	<i>Pardosa fuscula</i> (Thorell)	6			Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76258
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	1	1		Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 76986
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	9			Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76128
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	1			Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76190
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	4			Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76457
Lycosidae	<i>Pardosa fuscula</i> (Thorell)		1		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76464
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	4	5		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76712
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	27	11		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01124
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1			Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76171
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76204
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	5	2	Ipu M,1p uF	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76245
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1			Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76008
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1			Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76671
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	28	10		Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76608

Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	18	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76953
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	55	11		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76740
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	17	5	1	Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76791
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	59	11		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76912
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	100			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76913
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	112	28	2es	Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76838
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	67	20		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	DJB 01129
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	4	2		Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76723
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	5	3		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76656
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	2	4		Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76686
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76033
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	2	1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76555
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)			1	Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76413

Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76040
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1	3	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76157
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	5	3	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76095
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	5	1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76826
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	3	2	Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM76287
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	29	3	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76623
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	7	1	Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 76983
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)		2	Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76758
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	3		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76462
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)		1	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76710
Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1		trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76350
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	2		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76169
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	8	2	Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76201

Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)		1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76225
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	4	3		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76025
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	50			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01130
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	50			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76943
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	50			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76944
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	50			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76945
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	59			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76941
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)		40		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01131
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)		43		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76940
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)		15	15	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76955
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	3			Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76732
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1	1		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76790
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76911

Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	6	1		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76840
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)		1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76884
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1			Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76725
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)		2		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76654
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1	1		Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76684
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)		1		Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76593
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	3			Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76617
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76540
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76399
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1			Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76074
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76394
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1			Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76305
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)		1	les	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76811
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1	1		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76829

Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM76279
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1	1	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76628
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	1		Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 76987
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	2		Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76759
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	2		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76708
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling)	2	3	trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76344
Lycosidae	<i>Pardosa moesta</i> Banks	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76244
Lycosidae	<i>Pardosa moesta</i> Banks	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76010
Lycosidae	<i>Pardosa moesta</i> Banks	2		Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76609
Lycosidae	<i>Pardosa moesta</i> Banks	32	5	Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76675
Lycosidae	<i>Pardosa moesta</i> Banks	18	2	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76954
Lycosidae	<i>Pardosa moesta</i> Banks	3		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76735
Lycosidae	<i>Pardosa moesta</i> Banks	3	1	Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76792

Lycosidae	<i>Pardosa moesta</i> Banks	5		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76910
Lycosidae	<i>Pardosa moesta</i> Banks	18	1	Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76835
Lycosidae	<i>Pardosa moesta</i> Banks	14	6	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76885
Lycosidae	<i>Pardosa moesta</i> Banks	1		Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76721
Lycosidae	<i>Pardosa moesta</i> Banks	3	1	Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76655
Lycosidae	<i>Pardosa moesta</i> Banks	2	21es	Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76689
Lycosidae	<i>Pardosa moesta</i> Banks	4		Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76594
Lycosidae	<i>Pardosa moesta</i> Banks		1	Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76618
Lycosidae	<i>Pardosa moesta</i> Banks	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76398
Lycosidae	<i>Pardosa moesta</i> Banks		1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76159
Lycosidae	<i>Pardosa moesta</i> Banks	21	1	Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76825
Lycosidae	<i>Pardosa moesta</i> Banks	25	10	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	DJB 01120
Lycosidae	<i>Pardosa moesta</i> Banks	1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76265
Lycosidae	<i>Pardosa moesta</i> Banks	2		Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 76985

Lycosidae	<i>Pardosa moesta</i> Banks	2		Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76760
Lycosidae	<i>Pardosa moesta</i> Banks		2	Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76461
Lycosidae	<i>Pardosa moesta</i> Banks	99	25	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76711
Lycosidae	<i>Pardosa moesta</i> Banks	27	7	Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76514
Lycosidae	<i>Pardosa tesquorum</i> (Odenwall)	1		Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76687
Lycosidae	<i>Pardosa tesquorum</i> (Odenwall)	2	1	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76627
Lycosidae	<i>Pardosa tesquorum</i> (Odenwall)	1		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01125
Lycosidae	<i>Pardosa uintana</i> Gertsch	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76214
Lycosidae	<i>Pardosa uintana</i> Gertsch	2		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76027
Lycosidae	<i>Pardosa uintana</i> Gertsch	2		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76670
Lycosidae	<i>Pardosa uintana</i> Gertsch	30	19	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76947
Lycosidae	<i>Pardosa uintana</i> Gertsch	31	6	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76948
Lycosidae	<i>Pardosa uintana</i> Gertsch		11es	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76956
Lycosidae	<i>Pardosa uintana</i> Gertsch	30	296es	Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	DJB 01109

Lycosidae	<i>Pardosa uintana</i> Gertsch	69			Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76734
Lycosidae	<i>Pardosa uintana</i> Gertsch	25	6		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76789
Lycosidae	<i>Pardosa uintana</i> Gertsch	50			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76902
Lycosidae	<i>Pardosa uintana</i> Gertsch	50			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76904
Lycosidae	<i>Pardosa uintana</i> Gertsch	50			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76905
Lycosidae	<i>Pardosa uintana</i> Gertsch	50			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76908
Lycosidae	<i>Pardosa uintana</i> Gertsch	58			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76907
Lycosidae	<i>Pardosa uintana</i> Gertsch		13	13es	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76901
Lycosidae	<i>Pardosa uintana</i> Gertsch		44		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76903
Lycosidae	<i>Pardosa uintana</i> Gertsch		45		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76906
Lycosidae	<i>Pardosa uintana</i> Gertsch	7	5		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76839

Lycosidae	<i>Pardosa uintana</i> Gertsch	2	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76887
Lycosidae	<i>Pardosa uintana</i> Gertsch	11	3		Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76722
Lycosidae	<i>Pardosa uintana</i> Gertsch	9	18		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76652
Lycosidae	<i>Pardosa uintana</i> Gertsch	28	16	4es	Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76590
Lycosidae	<i>Pardosa uintana</i> Gertsch	40			Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76591
Lycosidae	<i>Pardosa uintana</i> Gertsch	3			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76494
Lycosidae	<i>Pardosa uintana</i> Gertsch	26	5	2es	Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76620
Lycosidae	<i>Pardosa uintana</i> Gertsch	2	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76378
Lycosidae	<i>Pardosa uintana</i> Gertsch	1	1		Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76059
Lycosidae	<i>Pardosa uintana</i> Gertsch	4	5		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76554
Lycosidae	<i>Pardosa uintana</i> Gertsch	4			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76410
Lycosidae	<i>Pardosa uintana</i> Gertsch	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76389
Lycosidae	<i>Pardosa uintana</i> Gertsch	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76090
Lycosidae	<i>Pardosa uintana</i> Gertsch	7	3		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76067

Lycosidae	<i>Pardosa uintana</i> Gertsch		1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76308
Lycosidae	<i>Pardosa uintana</i> Gertsch	5	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76478
Lycosidae	<i>Pardosa uintana</i> Gertsch	12	2		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76827
Lycosidae	<i>Pardosa uintana</i> Gertsch	1			Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76626
Lycosidae	<i>Pardosa uintana</i> Gertsch		1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8 June 2004	Sweeping pine & spruce	sweeping	R.G. Holmberg		UASM 76320
Lycosidae	<i>Pardosa uintana</i> Gertsch	2			Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 76988
Lycosidae	<i>Pardosa uintana</i> Gertsch	3	2	1es	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76715
Lycosidae	<i>Pardosa uintana</i> Gertsch	1			Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76522
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	1			Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76177
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	1	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76199
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	20			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76230
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	3	3	1es	Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76611
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	8	2		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76836

Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	6			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	DJB 01122
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	2	3		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76653
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	5	7		Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	DJB 01123
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	9			Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76338
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	2			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Upper beach	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76030
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	5			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76545
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	3			Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76403
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	1	2		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76148
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	1			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76098
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	12	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76046
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)		1		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76828
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	5			Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM76277
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	10	2		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76632
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	10	1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76249

Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	3	1	Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 76984
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	2	12	Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76761
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	4		Namur Lake peninsula	57 24.1	112 45.1	9-13 June 2004	Bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76129
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	12		Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76187
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	40	2	Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76454
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	3	2	Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76443
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	2	2	Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76714
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	8		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76509
Lycosidae	<i>Pardosa concinna</i> (Thorell)	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76883
Lycosidae	<i>Pirata bryantae</i> Kurata	1		Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76610
Lycosidae	<i>Pirata bryantae</i> Kurata	5		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76669
Lycosidae	<i>Pirata bryantae</i> Kurata	1		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76739
Lycosidae	<i>Pirata bryantae</i> Kurata	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76915

Lycosidae	<i>Pirata bryantae</i> Kurata	6			Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76843
Lycosidae	<i>Pirata bryantae</i> Kurata	1			Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	DJB 01133
Lycosidae	<i>Pirata bryantae</i> Kurata	1			Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76619
Lycosidae	<i>Pirata bryantae</i> Kurata	1	1		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76831
Lycosidae	<i>Pirata bryantae</i> Kurata	2			Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76625
Lycosidae	<i>Pirata bryantae</i> Kurata	1			Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 76992
Lycosidae	<i>Pirata bryantae</i> Kurata	2	1		Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	DJB 01134
Lycosidae	<i>Pirata bryantae</i> Kurata	1	1		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76709
Lycosidae	<i>Pirata insularis</i> Emerton	1			Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76990
Lycosidae	<i>Pirata insularis</i> Emerton ?		1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76989
Lycosidae	<i>Pirata piraticus</i> (Clerck)		1		Big Island Lake, S			5 June 2004	Along trail	general collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg	6383100 412000	UASM 76581
Lycosidae	<i>Pirata piraticus</i> (Clerck)	9	5		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	DJB 01133
Lycosidae	<i>Pirata piraticus</i> (Clerck)	1			Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76844

Lycosidae	<i>Pirata piraticus</i> (Clerck)	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76891
Lycosidae	<i>Pirata piraticus</i> (Clerck)	9	5	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76631
Lycosidae	<i>Pirata piraticus</i> (Clerck)	2		Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 76991
Lycosidae	<i>Pirata piraticus</i> (Clerck)	10		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76713
Lycosidae	<i>Trochosa terricola</i> Thorell	1		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76672
Lycosidae	<i>Trochosa terricola</i> Thorell		1	Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76651
Lycosidae	<i>Trochosa terricola</i> Thorell		1	Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76332
Lycosidae	<i>Trochosa terricola</i> Thorell		1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76544
Lycosidae	<i>Trochosa terricola</i> Thorell	2		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76156
Lycosidae	<i>Trochosa terricola</i> Thorell		2	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76270
Lycosidae	<i>Trochosa terricola</i> Thorell	1		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76463
Lycosidae	<i>Alopecosa aculeata</i> (Clerck)		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76112
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling)		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76106
Lycosidae	<i>Pardosa fuscula</i> (Thorell)	11	2	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76107

Lycosidae	<i>Pardosa hyperborea</i> (Thorell)	1	Ipu M	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76113
Lycosidae	<i>Pardosa moesta</i> Banks	2		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76111
Lycosidae	<i>Pardosa xerampelina</i> (Kesserling)	3	1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76119
Lycosidae	<i>Trochosa terricola</i> Thorell		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01127
Mimetidae	<i>Ero canionis</i> Chamberlin & Ivie		Ipu M	Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76747
Philodromidae	<i>Philodromus alascensis</i> Keyserling		1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76232
Philodromidae	<i>Philodromus alascensis</i> Keyserling	1		Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76691
Philodromidae	<i>Philodromus alascensis</i> Keyserling		1	Gardiner Lake, N shore	57 34..8	112 28.0	4-15 June 2004	Base camp	hand collecting	Camp personnel		UASM 76374
Philodromidae	<i>Philodromus alascensis</i> Keyserling		1	Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	DJB 01097
Philodromidae	<i>Philodromus alascensis</i> Keyserling	1	1	Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76361
Philodromidae	<i>Philodromus cespitum</i> (Walckenaer)	1		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76748
Philodromidae	<i>Philodromus cespitum</i> (Walckenaer)	1		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76777
Philodromidae	<i>Philodromus cespitum</i> (Walckenaer)	1	1	Gardiner Lake, N shore	57 34.8	112 28.0	7-12 July 2004	Base camp	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76575
Philodromidae	<i>Philodromus histrio</i> (Latreille)		1	Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76605

Philodromidae	<i>Philodromus mysticus</i> Dondale & Redner		1	Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	UASM 76728
Philodromidae	<i>Philodromus peninsulaus</i> Gertsch		1	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76813
Philodromidae	<i>Philodromus placidus</i> Banks	1		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76650
Philodromidae	<i>Philodromus rufus</i> Walckenaer		1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76868
Philodromidae	<i>Philodromus rufus</i> Walckenaer	1		Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76366
Philodromidae	<i>Philodromus rufus</i> Walckenaer		1	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76812
Philodromidae	<i>Thanatus formicinus</i> (Clerck)		1	Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76606
Philodromidae	<i>Thanatus formicinus</i> (Clerck)		1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76145
Philodromidae	<i>Thanatus formicinus</i> (Clerck)		1	Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76278
Philodromidae	<i>Thanatus formicinus</i> (Clerck)	3		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76259
Philodromidae	<i>Thanatus formicinus</i> (Clerck)	1		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01108
Philodromidae	<i>Thanatus</i> sp.			1 Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76778
Philodromidae	<i>Thanatus striatus</i> C.L.Koch		1	Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01102

Philodromidae	<i>Thanatus striatus</i> C.L.Koch	1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76256
Philodromidae	<i>Thanatus striatus</i> C.L.Koch	1		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76460
Philodromidae	<i>Tibellus maritimus</i> (Menge)	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		DJB 01101
Philodromidae	<i>Tibellus maritimus</i> (Menge)	3	2	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76963
Philodromidae	<i>Tibellus maritimus</i> (Menge)	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76869
Philodromidae	<i>Tibellus maritimus</i> (Menge)	1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76633
Philodromidae	<i>Tibellus maritimus</i> (Menge)	2		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76269
Philodromidae	<i>Tibellus maritimus</i> (Menge)		2	Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76764
Philodromidae	<i>Tibellus maritimus</i> (Menge)	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76513
Philodromidae	<i>Xysticus emertoni</i> Keyserling		1	Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76049
Salticidae	<i>Chalcoscirtus alpicola</i> Emerton		1	Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76425
Salticidae	<i>Eris militaris</i> (Hentz)	1	3	Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76359
Salticidae	<i>Evarcha proszynskii</i> Marusik & Logunov	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76970

Salticidae	<i>Evarcha proszynskii</i> Marusik & Logunov	1		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01099
Salticidae	<i>Evarcha proszynskii</i> Marusik & Logunov	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76273
Salticidae	<i>Evarcha proszynskii</i> Marusik & Logunov		1	Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76430
Salticidae	<i>Pelegrina flavipedes</i> (Peckham & Peckham)	1		Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76360
Salticidae	<i>Pelegrina montana</i> (Emerton)	2		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76969
Salticidae	<i>Pelegrina montana</i> (Emerton)	1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76551
Salticidae	<i>Pelegrina montana</i> (Emerton)	1	1	Gardiner Lake, N shore	57 34..8	112 28.0	6 June 2004	Black spruce	beating	R.G. Holmberg		UASM 76363
Salticidae	<i>Pelegrina montana</i> (Emerton)	1		Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	DJB 01100
Salticidae	<i>Pelegrina</i> sp.		1	Big Island Lake, S			5 June 2004	Along trail	general collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg	6383100 412000	UASM 76585
Salticidae	<i>Pelegrina</i> sp.		1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76870
Salticidae	<i>Pellenes lapponicus</i> (Sundevall)	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01107
Salticidae	<i>Pellenes lapponicus</i> (Sundevall)		1	Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01096
Salticidae	<i>Pellenes lapponicus</i> (Sundevall)	3		Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76438

Salticidae	<i>Phidippus cryptus</i> Edwards	3		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76855
Salticidae	<i>Phidippus cryptus</i> Edwards		2	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76871
Salticidae	<i>Phidippus cryptus</i> Edwards		1	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76808
Salticidae	<i>Phidippus cryptus</i> Edwards	1	1	Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	DJB 01104
Salticidae	<i>Sibianor aemulus</i> (Gertsch)	1		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76178
Salticidae	<i>Sitticus palustris</i> (Peckham & Peckham)	1		Namur Lake			14-19 July 2004	Burned ridge: aspen, birch, fireweed, horsetail	pit traps	Ted Johnson, G.J. Hilchie	0394720 6363876	UASM 79005
Salticidae	<i>Sitticus ranieri</i> Peckham & Peckham		2	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01105
Salticidae	<i>Sitticus ranieri</i> Peckham & Peckham	1		Big Island Lake, S			5 June 2004	Along trail	general collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg	6383100 412000	UASM 76582
Salticidae	<i>Sitticus ranieri</i> Peckham & Peckham	1		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76738
Salticidae	<i>Sitticus ranieri</i> Peckham & Peckham		1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76872
Salticidae	<i>Sitticus ranieri</i> Peckham & Peckham	1	1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01095
Salticidae	<i>Sitticus ranieri</i> Peckham & Peckham		1	Gardiner Lake, N shore	57 34.8	112 28.0	7-12 July 2004	Base camp	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76574
Tetragnathidae	<i>Pachygnatha clercki</i> Sundevall	2		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76048

Tetragnathidae	<i>Pachygnatha clercki</i> Sundevall	3			Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76132
Tetragnathidae	<i>Pachygnatha clercki</i> Sundevall	2			Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76716
Tetragnathidae	<i>Pachygnatha clercki</i> Sundevall	2	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01147
Tetragnathidae	<i>Tetragnatha dearmata</i> Thorell	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76975
Tetragnathidae	<i>Tetragnatha dearmata</i> Thorell	3	1		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 79010
Tetragnathidae	<i>Tetragnatha dearmata</i> Thorell	1			Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 79006
Tetragnathidae	<i>Tetragnatha extensa</i> (Linnaeus)	2			Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 79008
Tetragnathidae	<i>Tetragnatha extensa</i> (Linnaeus)	1			Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 79007
Tetragnathidae	<i>Tetragnatha</i> sp.		4		Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76814
Tetragnathidae	<i>Tetragnatha</i> sp.		1		Gardiner Lake, N shore	57 34.8	112 28.0	7-12 July 2004	Base camp	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 79009
Tetragnathidae	<i>Tetragnatha</i> sp.		2		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76642
Tetragnathidae	<i>Tetragnatha versicolor</i> Walckenaer	3	1		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76662
Tetragnathidae	<i>Tetragnatha versicolor</i> Walckenaer	1	2		Gardiner Lake, N shore	57 34.8	112 28.0	7-12 July 2004	Base camp	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76572
Theridiidae	<i>Enoplognatha intrepida</i> (Soerensen)	1			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76933

Theridiidae	<i>Euryopis argentea</i> Emerton	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01153
Theridiidae	<i>Euryopis argentea</i> Emerton	2		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76974
Theridiidae	<i>Robertus fuscus</i> (Emerton)	3		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76223
Theridiidae	<i>Robertus fuscus</i> (Emerton)	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76017
Theridiidae	<i>Robertus fuscus</i> (Emerton)	2		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76973
Theridiidae	<i>Robertus fuscus</i> (Emerton)	3	1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	DJB 01152
Theridiidae	<i>Robertus fuscus</i> (Emerton)		1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01156
Theridiidae	<i>Robertus fuscus</i> (Emerton)	1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76260
Theridiidae	<i>Robertus fuscus</i> (Emerton)	2		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76452
Theridiidae	<i>Robertus fuscus</i> (Emerton)		1	trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76346
Theridiidae	<i>Steatoda borealis</i> (Hentz)		1	Namur Lake, S shore	57 22.5	112 45.9	9 & 13 June 2004	Namur Lake Lodge area	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76358
Theridiidae	<i>Theridion impressum</i> L.Koch	1		Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 76319
Theridiidae	<i>Theridion montanum</i> Emerton	1		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01154
Theridiidae	<i>Theridion montanum</i> Emerton	1		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76080

Theridiidae	<i>Theridion montanum</i> Emerton	1		Namur Lake, island	57 23.9	112 43.8	13 June 2004	Fish & Wildlife cabin	sweeping and hand collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76188
Theridiidae	<i>Theridion ohlertii</i> Thorell	2	1	Sand Lake, NE shore	57 40.2	112 17.7	10 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76435
Theridiidae	<i>Theridion pictum</i> (Walckenaer)	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	DJB 01155
Theridiidae	<i>Theridion pictum</i> (Walckenaer)	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76419
Theridiidae	<i>Theridion pictum</i> (Walckenaer)	1	5	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76809
Theridiidae	<i>Theridion pictum</i> (Walckenaer)		1	Gardiner Lake, N shore	57 34.8	112 28.0	6 June 2004	Lake shore	sweeping	R.G. Holmberg	Making final moult	UASM 76138
Thomisidae	<i>Clubiona kulczynskii</i> Lessert		1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76994
Thomisidae	<i>Misumena vatia</i> (Clerck)	1	IpuF	Big Island Lake, S			5 June 2004	Along trail	general collecting	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg	6383100 412000	UASM 76583
Thomisidae	<i>Misumena vatia</i> (Clerck)			1Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76804
Thomisidae	<i>Misumena vatia</i> (Clerck)		IpuF	Gardiner Lake, N shore	57 34.8	112 28.0	7-12 July 2004	Base camp	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76578
Thomisidae	<i>Misumena vatia</i> (Clerck)		IpuF	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76264
Thomisidae	<i>Ozyptila gertschi</i> Kurata	1		Gardiner Lake, N shore	57 34.8	112 28.0	17-20 July 2004	Base camp	pit traps	Ted Johnson	0412250 6382900	UASM 76822
Thomisidae	<i>Ozyptila sincera</i> <i>canadensis</i> Dondale & Redner	2		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76176

Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	3			Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76200
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	6	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01091
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	2			Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76005
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	7			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76957
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	1			Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76742
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	9			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76921
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	5			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76860
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	1			Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76695

Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76550
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76418
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76152
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	3		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76296
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76536
Thomisidae	<i>Tibellus maritimus</i> (Menge)	3		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76719
Thomisidae	<i>Xysticus britcheri</i> Gertsch	1		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	DJB 01093
Thomisidae	<i>Xysticus britcheri</i> Gertsch		1	Gardiner Lake, N shore	57 34.8	112 28.0	5-6 June 2004	Beach area		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76339
Thomisidae	<i>Xysticus britcheri</i> Gertsch	2		Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76701
Thomisidae	<i>Xysticus britcheri</i> Gertsch	2		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79003
Thomisidae	<i>Xysticus canadensis</i> Gertsch	3		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76959

Thomisidae	<i>Xysticus canadensis</i> Gertsch		2		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140-6353033	UASM 76780
Thomisidae	<i>Xysticus canadensis</i> Gertsch	34			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76919
Thomisidae	<i>Xysticus canadensis</i> Gertsch	2	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76864
Thomisidae	<i>Xysticus canadensis</i> Gertsch	1			Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76661
Thomisidae	<i>Xysticus canadensis</i> Gertsch	33	3		Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01115
Thomisidae	<i>Xysticus canadensis</i> Gertsch	60			Gardiner Lake, island	57 34.5	112 28.5	5-14 June 2004	Old growth spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 79001
Thomisidae	<i>Xysticus canadensis</i> Gertsch	8			Gardiner Lake, island	57 34.5	112 28.5	7-12 July 2004	Spruce island	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382100N 411700E	UASM 76694
Thomisidae	<i>Xysticus canadensis</i> Gertsch	2			Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76097
Thomisidae	<i>Xysticus canadensis</i> Gertsch	12			Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76386
Thomisidae	<i>Xysticus canadensis</i> Gertsch	14	2		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76069
Thomisidae	<i>Xysticus canadensis</i> Gertsch	7			Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76307
Thomisidae	<i>Xysticus canadensis</i> Gertsch		1		Gardiner Lake, N shore	57 34	112 28	11 June 2004	Open old burn & spruce		Ted Johnson		UASM 76312
Thomisidae	<i>Xysticus canadensis</i> Gertsch	1			Gardiner Lake, N shore	57 34..8	112 28.0	5-14 June 2004	Sphagnum, black spruce	#3 pan traps	Ted Johnson		UASM 76476
Thomisidae	<i>Xysticus chippewa</i> Gertsch	2	1		Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76523

Thomisidae	<i>Xysticus durus</i> (Soerensen)	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76292
Thomisidae	<i>Xysticus elegans</i> Keyserling	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76196
Thomisidae	<i>Xysticus elegans</i> Keyserling	3		Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76958
Thomisidae	<i>Xysticus ellipticus</i> Turnbull et al.	2		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01106
Thomisidae	<i>Xysticus ellipticus</i> Turnbull et al.	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76862
Thomisidae	<i>Xysticus ellipticus</i> Turnbull et al.	2		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76295
Thomisidae	<i>Xysticus ellipticus</i> Turnbull et al.	1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76248
Thomisidae	<i>Xysticus emertoni</i> Keyserling	1		Big Island Lake, S	57 35	112 27	10-14 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76172
Thomisidae	<i>Xysticus emertoni</i> Keyserling	6	2	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76218
Thomisidae	<i>Xysticus emertoni</i> Keyserling	6	2	Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76208
Thomisidae	<i>Xysticus emertoni</i> Keyserling	2	2	Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76602
Thomisidae	<i>Xysticus emertoni</i> Keyserling	2		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76665
Thomisidae	<i>Xysticus emertoni</i> Keyserling	9	1	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76961

Thomisidae	<i>Xysticus emertoni</i> Keyserling	2		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76741
Thomisidae	<i>Xysticus emertoni</i> Keyserling	4		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76920
Thomisidae	<i>Xysticus emertoni</i> Keyserling	10		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76858
Thomisidae	<i>Xysticus emertoni</i> Keyserling	17	1	Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76866
Thomisidae	<i>Xysticus emertoni</i> Keyserling	2		Gardiner Lake			17-20 July 2004	Treed muskeg	pit traps	Ted Johnson	0412294 6383624	USAM 76729
Thomisidae	<i>Xysticus emertoni</i> Keyserling	19	1	Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	DJB 01103
Thomisidae	<i>Xysticus emertoni</i> Keyserling	3		Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76601
Thomisidae	<i>Xysticus emertoni</i> Keyserling	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76401
Thomisidae	<i>Xysticus emertoni</i> Keyserling	1		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76092
Thomisidae	<i>Xysticus emertoni</i> Keyserling	2		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76104
Thomisidae	<i>Xysticus emertoni</i> Keyserling	7		Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76154
Thomisidae	<i>Xysticus emertoni</i> Keyserling		1	Gardiner Lake, N shore	57 34.8	112 28.0	20 July 2004	Base camp	hand collecting	Ted Johnson	0412250 6382900	UASM 76805
Thomisidae	<i>Xysticus emertoni</i> Keyserling	3		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76293

Thomisidae	<i>Xysticus emertoni</i> Keyserling	3	1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76639
Thomisidae	<i>Xysticus emertoni</i> Keyserling	2			Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76253
Thomisidae	<i>Xysticus emertoni</i> Keyserling	1			Namur Lake			14-19 July 2004	Muskeg melt hole, sphagnum	#2 pit traps	Ted Johnson, G.J. Hilchie	0394739 6363525	UASM 76769
Thomisidae	<i>Xysticus emertoni</i> Keyserling	7			Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01094
Thomisidae	<i>Xysticus emertoni</i> Keyserling	1			Sand River, opposite island	57 34.7	112 26.6	7-14 June 2004		pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76512
Thomisidae	<i>Xysticus emertoni</i> Keyserling	1			trail between Big Island Lake & Gardner Lake	57 35	112 27	5-6 June 2004		sweeping and hand collection	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76352
Thomisidae	<i>Xysticus ferox</i> (Hentz)	1			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76243
Thomisidae	<i>Xysticus ferox</i> (Hentz)	2	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	DJB 01090
Thomisidae	<i>Xysticus ferox</i> (Hentz)	6	1		Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	UASM 76680
Thomisidae	<i>Xysticus ferox</i> (Hentz)	1			Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76262
Thomisidae	<i>Xysticus keyserlingi</i> Bryant	1			Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76604
Thomisidae	<i>Xysticus keyserlingi</i> Bryant	1			Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76856
Thomisidae	<i>Xysticus keyserlingi</i> Bryant		1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76863
Thomisidae	<i>Xysticus keyserlingi</i> Bryant	1			Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76995

Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	3	2		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76193
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	2			Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76026
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	6			Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	DJB 01119
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	2			Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140- 6353033	UASM 76744
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	1			Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76779
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	11			Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76917
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	1			Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76865
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	2			Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76599
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	2			Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76640
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)		1		Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76996
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall)	1			Sand River			7-12 July 2004	Riparian	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 413800E	USAM 76700
Thomisidae	<i>Xysticus montanensis</i> Keyserling	1			Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01092
Thomisidae	<i>Xysticus montanensis</i> Keyserling		1		Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76552
Thomisidae	<i>Xysticus montanensis</i> Keyserling		1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76999

Thomisidae	<i>Xysticus montanensis</i> Keyserling	1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Shore line	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01098
Thomisidae	<i>Xysticus montanensis</i> Keyserling	4	1	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76257
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76220
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76206
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Big Island Lake, S	57 35	112 27	11-14 June 2004	15-20 year old aspen & birch	pan traps	Ted Johnson		UASM 76024
Thomisidae	<i>Xysticus obscurus</i> Collett	7	1	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76960
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Gardiner Lake	57 34.8	112 28.0	7-14 July 2004	Black spruce, sphagnum, Labrador tea	#3 bowl traps	Ted Johnson	0412140-6353033	UASM 76743
Thomisidae	<i>Xysticus obscurus</i> Collett	22	1	Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140-6353033	UASM 76918
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76861
Thomisidae	<i>Xysticus obscurus</i> Collett	4		Gardiner Lake			9-12 July 2004	Pine	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377500N 410800E	UASM 76660
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Gardiner Lake			7-13 July 2004	Spruce bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382500N 412600E	UASM 76600
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Gardiner Lake, N shore	57 34	112 28	5-6 June 2004	Pine		G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76065
Thomisidae	<i>Xysticus obscurus</i> Collett	2	1	Gardiner Lake, N shore	57 34..8	112 28.0	8-10 June 2004	Up from shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76993
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Gardiner Lake, N shore	57 34.8	112 28.0	10-14 June 2004	Close to shore	pan traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76998

Thomisidae	<i>Xysticus obscurus</i> Collett	2		Gardiner Lake, N shore	57 34..8	112 28.0	5-6 June 2004	Spruce forest	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76397
Thomisidae	<i>Xysticus obscurus</i> Collett	3		Gardiner Lake, N shore	57 34..8	112 28.0	4-14 June 2004	Base camp. Black spruce	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76077
Thomisidae	<i>Xysticus obscurus</i> Collett	9	1	Gardiner Lake, N shore	57 34..8	112 28.0	9-14 June 2004	Upper beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		DJB 01112
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Gardiner Lake, N shore	57 34..8	112 28.0	7-9 June 2004	Spruce	beating	R.G. Holmberg		UASM 76306
Thomisidae	<i>Xysticus obscurus</i> Collett	1		Gardiner Lake, N shore	57 34	112 28	5-11 June 2004	Open old burn, spruce, pine, Labrador tea, sphagnum	pan traps	Ted Johnson	0412329 6383901	UASM 76290
Thomisidae	<i>Xysticus obscurus</i> Collett		1	Gardiner Lake, Upper, E shore	57 32.3	112 29.1	8-14 June 2004	Sandy beach	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76997
Thomisidae	<i>Xysticus punctatus</i> Keyserling		1	Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76221
Thomisidae	<i>Xysticus triangulosus</i> Emerton	1		Big Island Lake, S	57 35	112 27	5-14 June 2004	Burnt bog	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76241
Thomisidae	<i>Xysticus triguttatus</i> Keyserling	1		Big Island Lake, S	57 35	112 27	6-10 June 2004	Cut line through aspen & birch	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76202
Thomisidae	<i>Xysticus triguttatus</i> Keyserling	1		Big Island Lake, S			7-12 July 2004	By beaver pond	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76667
Thomisidae	<i>Xysticus triguttatus</i> Keyserling	2		Big Island Lake, S			7-12 July 2004	Burnt bog	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6383400N 412200E	UASM 76603
Thomisidae	<i>Xysticus triguttatus</i> Keyserling	2		Gardiner Lake			7-14 July 2004	Old burn: black spruce, sphagnum, Labrador tea	bowl traps	Ted Johnson	0412187 6383927	UASM 76857
Thomisidae	<i>Xysticus triguttatus</i> Keyserling	12		Gardiner Lake			9-12 July 2004	Sand beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6377800N 411100E	DJB 01117

Thomisidae	<i>Xysticus triguttatus</i> Keyserling	1		Gardiner Lake, N shore	57 34.8	112 28.0	6-13 July 2004	Beach	pit traps	G.J. Hilchie, D. Macaulay, S. Macaulay	6382600N 412400E	UASM 76641
Thomisidae	<i>Xysticus triguttatus</i> Keyserling	15		Namur Lake, SW, narrow bay	57 24.3	112 45.2	9-13 June 2004	Burnt muskeg	pit traps	G.J. Hilchie, J.S. Hilchie, R.G. Holmberg		UASM 76451
Titanoecidae	<i>Titanoeca silvicola</i> Chamberlin & Ivie		1	Gardiner Lake	57 34.8	112 28.0	15 Jun-19 July 2004	20-30 year old aspen, birch forest	pan traps	Ted Johnson	0411961 6383733	UASM 76981
Titanoecidae	<i>Titanoeca silvicola</i> Chamberlin & Ivie	1		Gardiner Lake			14-19 July 2004	Open black spruce, wet sphagnum	bowl traps	Ted Johnson	0412140- 6353033	UASM 76788
Titanoecidae	<i>Titanoeca silvicola</i> Chamberlin & Ivie	1		Gardiner Lake	57 34.8	112 28.0	15 Jun-9 July 2004	Open black spruce, Labrador tea, sphagnum	pan traps	Ted Johnson	0412140- 6353033	UASM 76935
Titanoecidae	<i>Titanoeca silvicola</i> Chamberlin & Ivie	1		Gardiner Lake			15 Jun-8 July 2004	Black spruce, old burn	pit traps	Ted Johnson	0412187 6383927	UASM 76896

Appendix 02. Summary of spiders collected from 7 wildland provincial parks located in north-eastern Alberta. See Nordstrom and Buckle (2006) for Caribou Mountains, Nordstrom and Buckle (2004) for Colin-Cornwall Lakes and Nordstrom and Buckle (2002) for the remaining four parks. In this table, a few specimens marked as unidentified in the previous reports have been identified and a few misidentifications corrected; see Appendix 03. X = collected in that park.

Family	Species	Birch Mountains (this study)	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Agelenidae	<i>Agelenopsis utahana</i> (Chamberlin & Ivie 1933)	X	X	X	X	X		
Amaurobiidae	<i>Amaurobius borealis</i> Emerton 1909	X						
Amaurobiidae	<i>Arctobius agelenoides</i> (Emerton 1919)	X	X	X				
Amaurobiidae	<i>Callobius nomeus</i> (Chamberlin 1919)	X						
Amaurobiidae	<i>Cybaeopsis euopla</i> (Bishop & Crosby 1935)	X	X					
Araneidae	<i>Araneus iviei</i> (Archer 1951)	X	X	X				
Araneidae	<i>Araneus marmoreus</i> (Clerck 1757)	X			X	X		
Araneidae	<i>Araneus nordmanni</i> (Thorell 1870)				X			
Araneidae	<i>Araneus trifolium</i> (Hentz 1847)					X		
Araneidae	<i>Araniella displicata</i> (Hentz 1847)		X					
Araneidae	<i>Araniella proxima</i> (Kulczynski 1885)			X				
Araneidae	<i>Cyclosa conica</i> (Pallas 1772)					X		
Araneidae	<i>Hypsosinga groenlandica</i> Simon 1889		X					

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Araneidae	<i>Hypsosinga pygmaea</i> (Sundevall 1831)			X		X		
Araneidae	<i>Hypsosinga rubens</i> (Hentz 1847)	X					X	
Araneidae	<i>Hypsosinga</i> sp. #1 Birch	X						
Araneidae	<i>Larinoides cornutus</i> (Clerck 1757)	X		X				
Araneidae	<i>Larinoides patagiatus</i> (Clerck 1757)	X	X	X	X			
Araneidae	<i>Metepeira palustris</i> (Chamberlin & Ivie 1942)					X		
Araneidae	<i>Neoscona arabesca</i> (Walckenaer 1841)		X					
Araneidae	<i>Zygiella nearctica</i> Gertsch 1964	X			X			
Clubionidae	<i>Clubiona bryantae</i> Gertsch 1941	X	X					
Clubionidae	<i>Clubiona canadensis</i> Emerton 1890	X	X	X				
Clubionidae	<i>Clubiona furcata</i> Emerton 1919	X	X	X				
Clubionidae	<i>Clubiona kulczynskii</i> de Lessert 1905	X	X	X				
Clubionidae	<i>Clubiona norvegica</i> Strand 1900	X	X					
Clubionidae	<i>Clubiona opeongo</i> Edwards 1958	X	X					
Clubionidae	<i>Clubiona praematura</i> Emerton 1909			X				
Clubionidae	<i>Clubiona riparia</i> L.Koch 1866	X		X				
Clubionidae	<i>Clubiona trivialis</i> C.L.Koch 1843	X	X					
Dictynidae	<i>Argenna prominula</i> (Tullgren 1948)		X					

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Dictynidae	<i>Dictyna annulipes</i> Blackwall 1846	X	X		X			
Dictynidae	<i>Dictyna arundinacea</i> Linnaeus 1758	X	X	X	X		X	
Dictynidae	<i>Dictyna brevitarsus</i> Emerton 1915	X				X		
Dictynidae	<i>Dictyna chitina</i> Chamberlin & Gertsch 1958	X		X				
Dictynidae	<i>Dictyna manitoba</i> Ivie 1947		X					
Gnaphosidae	<i>Drassodes mirus</i> Platnick & Shadab 1976	X	X					
Gnaphosidae	<i>Drassodes neglectus</i> (Keyserling 1887)	X		X				
Gnaphosidae	<i>Gnaphosa borea</i> Kulczyński 1908	X	X	X				
Gnaphosidae	<i>Gnaphosa brumalis</i> Thorell 1875	X	X	X				
Gnaphosidae	<i>Gnaphosa microps</i> Holm 1939	X	X	X				
Gnaphosidae	<i>Gnaphosa muscorum</i> (L.Koch 1866)	X	X	X				
Gnaphosidae	<i>Gnaphosa parvula</i> Banks 1896	X	X	X		X		
Gnaphosidae	<i>Haplodrassus eunis</i> Chamberlin 1922	X						
Gnaphosidae	<i>Haplodrassus hiemalis</i> (Emerton 1909)	X	X	X				
Gnaphosidae	<i>Haplodrassus signifer</i> (C.L.Koch 1839)	X	X	X				
Gnaphosidae	<i>Micaria aenea</i> Thorell 1871	X	X	X		X		

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Gnaphosidae	<i>Micaria constricta</i> Emerton 1894	X	X					
Gnaphosidae	<i>Micaria pulicaria</i> (Sundevall 1831)	X						
Gnaphosidae	<i>Micaria rossica</i> Thorell 1875			X	X			
Gnaphosidae	<i>Micaria tripunctata</i> Holm 1978	X	X					
Gnaphosidae	<i>Orodrassus canadensis</i> Platnick & Shadab 1975			X				
Gnaphosidae	<i>Sergiolus montanus</i> (Emerton 1890)			X				
Gnaphosidae	<i>Zelotes frateris</i> Chamberlin 1920	X		X	X	X	X	
Gnaphosidae	<i>Zelotes puritanus</i> Chamberlin 1922	X		X				
Gnaphosidae	<i>Zelotes sula</i> Lowrie & Gertsch 1955	X	X					
Hahniidae	<i>Hahnia glacialis</i> Soerensen 1898	X	X					
Hahniidae	<i>Hahnia ononidum</i> Simon 1875		X					
Hahniidae	<i>Neoantistea agilis</i> (Keyserling 1887)				X			
Hahniidae	<i>Neoantistea magna</i> (Keyserling 1887)	X	X		X	X		
Linyphiidae	<i>Agyneta allosubtilis</i> Loksa 1965)		X					
Linyphiidae	<i>Agyneta olivacea</i> (Emerton 1882)	X	X	X				
Linyphiidae	<i>Agyneta simplex</i> (Emerton 1926)	X	X			X		

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Linyphiidae	<i>Aphileta misera</i> O.P.-Cambridge 1882		X					
Linyphiidae	<i>Baryphyma kulczynskii</i> (Eskov 1979)		X					
Linyphiidae	<i>Baryphyma trifrons</i> (O.P.-Cambridge 1863)	X	X					
Linyphiidae	<i>Bathyphantes crosbyi</i> Emerton 1919	X	X					
Linyphiidae	<i>Bathyphantes pallidus</i> (Banks 1892)	X	X	X		X		
Linyphiidae	<i>Bathyphantes simillimus</i> (L.Koch 1879)		X					
Linyphiidae	<i>Ceraticelus atriceps</i> (O.P.-Cambridge 1874)	X						
Linyphiidae	<i>Ceraticelus</i> sp. #1 Caribou		X					
Linyphiidae	<i>Ceratinella alaskana</i> Chamberlin 1949	X						
Linyphiidae	<i>Ceratinella brunnea</i> Emerton 1882	X						
Linyphiidae	<i>Ceratinops</i> sp. #1 Birch	X						
Linyphiidae	<i>Ceratinopsis labradorensis</i> (Emerton 1925)	X						
Linyphiidae	<i>Ceratinopsis stativa</i> (Simon 1881)	X	X	X	X	X		
Linyphiidae	<i>Cnephalocotes obscurus</i> (Blackwall 1834)	X		X				
Linyphiidae	<i>Diplocentria bidentata</i> (Emerton 1882)	X	X		X			

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Linyphiidae	<i>Diplocentria rectangulata</i> (Emerton 1915)	X						
Linyphiidae	<i>Diplocephalus subrostratus</i> (O.P.-Cambridge 1873)		X		X			
Linyphiidae	<i>Dismodicus alticeps</i> Chamberlin & Ivie 1947	X	X				X	
Linyphiidae	<i>Dismodicus decemoculatus</i> (Emerton 1882)	X	X					
Linyphiidae	<i>Eperigone undulata</i> (Emerton 1914)	X	X					
Linyphiidae	<i>Erigone alsaida</i> Crosby & Bishop 1928	X	X		X			
Linyphiidae	<i>Erigone atra</i> Blackwall 1833			X				
Linyphiidae	<i>Erigone blaesa</i> Crosby & Bishop 1928	X	X			X		
Linyphiidae	<i>Erigone dentigera</i> (O.P.-Cambridge 1874)	X	X	X				
Linyphiidae	<i>Erigone zographica</i> Crosby & Bishop 1928		X					
Linyphiidae	<i>Estrandia grandaeava</i> (Keyserling 1886)	X	X					
Linyphiidae	<i>Glypesis scopulifer</i> (Emerton 1882)			X				
Linyphiidae	<i>Gnathonarium famelicus</i> (Keyserling 1886)				X			
Linyphiidae	<i>Gonatium crassipalpum</i> Bryant 1933	X	X	X				
Linyphiidae	<i>Grammonota angusta</i> Dondale 1959	X						

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Linyphiidae	<i>Grammonota gigas</i> (Banks 1896)		X	X				
Linyphiidae	<i>Grammonota maritima</i> Emerton 1925	X						
Linyphiidae	<i>Grammonota vittata</i> Barrows 1919		X					
Linyphiidae	<i>Grammonota</i> sp. #1				X	X		
Linyphiidae	<i>Hilaira caniculata</i> (Emerton 1915)	X						
Linyphiidae	<i>Hilaira heriosa</i> (Thorell 1875)	X	X	X				
Linyphiidae	<i>Hilaira</i> sp. #1 Birch	X						
Linyphiidae	<i>Hilaira</i> sp. #1 Caribou		X					
Linyphiidae	<i>Horcotes quadrifistictus</i> (Emerton 1882)		X					
Linyphiidae	<i>Hybauchenidium cymbadentatum</i> (Crosby & Bishop 1935)	X						
Linyphiidae	<i>Hybauchenidium gibbosum</i> (Soerensen 1898)	X	X					
Linyphiidae	<i>Hypomma marxii</i> (Keyserling 1886)	X	X					
Linyphiidae	<i>Hypselistes florens</i> (O.P.-Cambridge 1875)		X					
Linyphiidae	<i>Hypselistes jacksonii</i> (O.P.-Cambridge 1902)	X	X					
Linyphiidae	<i>Kaestneria pullata</i> (O.P.-Cambridge 1863)	X	X					
Linyphiidae	<i>Kaestneria rufula</i> (Hackman 1954)			X				

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Linyphiidae	<i>Lepthyphantes alpinus</i> (Emerton 1882)	X	X	X	X	X		
Linyphiidae	<i>Lepthyphantes complicatus</i> (Emerton 1882)	X	X		X			
Linyphiidae	<i>Lepthyphantes duplicatus</i> (Emerton 1913)	X						
Linyphiidae	<i>Lepthyphantes turbatrix</i> (O.P.-Cambridge 1877)	X						
Linyphiidae	<i>Lepthyphantes washingtoni</i> Zorsch 1937	X	X					
Linyphiidae	<i>Lophomma vaccinii</i> (Emerton 1926)	X						
Linyphiidae	<i>Macrargus multesimus</i> (O.P.-Cambridge 1875)	X						
Linyphiidae	<i>Maro amplus</i> Dondale & Buckle 2001	X	X					
Linyphiidae	<i>Maso sundevalli</i> (Westring 1851)		X			X		
Linyphiidae	<i>Mecenargus paetulus</i> (O.P.-Cambridge 1875)		X					
Linyphiidae	<i>Microlinyphia mandibulata</i> (Emerton 1882)	X	X					
Linyphiidae	<i>Microneta viaria</i> (Blackwall 1841)		X	X	X			
Linyphiidae	<i>Neriene clathrata</i> (Sundevall 1830)	X	X	X				
Linyphiidae	<i>Neriene radiata</i> (Walckenaer 1841)	X		X				

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Linyphiidae	<i>Oedothorax trilobatus</i> (Banks 1896)		X					
Linyphiidae	<i>Oreonetides vaginatus</i> (Thorell 1872)	X	X	X				
Linyphiidae	<i>Oreonetides</i> #1 Birch (undescribed)	X						
Linyphiidae	<i>Pelecopsis bishopi</i> (Kaston 1945)					X		
Linyphiidae	<i>Pelecopsis mengei</i> (Simon 1884)	X	X					
Linyphiidae	<i>Pelecopsis moesta</i> (Banks 1892)				X			
Linyphiidae	<i>Pityophyphantes costatus</i> (Hentz 1850)	X						
Linyphiidae	<i>Pityophyphantes limataneus</i> Emerton 1915	X	X					
Linyphiidae	<i>Pityophyphantes subarcticus</i> Chamberlin & Ivie 1943	X	X	X	X			
Linyphiidae	<i>Pocadicnemis americana</i> Millidge 1976	X	X					
Linyphiidae	<i>Poecilioneta variagata</i> (Blackwell 1841)		X					
Linyphiidae	<i>Satilatlas gertschi</i> Millidge 1981	X	X	X				
Linyphiidae	<i>Sciastes truncatus</i> (Emerton 1882)	X	X	X				
Linyphiidae	<i>Scotinotylus pallidus</i> (Emerton 1882)	X						
Linyphiidae	<i>Scotinotylus sacer</i> (Crosby 1929)	X	X					
Linyphiidae	<i>Scyletria inflata</i> Bishop & Crosby 1938		X					

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Linyphiidae	<i>Sisicottus montanus</i> (Emerton 1882)	X	X					
Linyphiidae	<i>Sisicus apertus</i> (Holm 1939)	X						
Linyphiidae	<i>Sisis</i> sp. #1, near <i>rotundus</i>	X	X	X				
Linyphiidae	<i>Stemonyphantes blauveltae</i> Gertsch 1951	X	X					
Linyphiidae	<i>Tapinocyba bicarinata</i> (Emerton 1913)	X						
Linyphiidae	<i>Tenesseellum formicum</i> (Emerton 1882)		X					
Linyphiidae	<i>Tmeticus affinis</i> (Blackwall 1855)		X					
Linyphiidae	<i>Tmeticus ornatus</i> (Emerton 1914)		X					
Linyphiidae	<i>Tunagyna debilis</i> (Banks 1892)	X	X					
Linyphiidae	<i>Wabasso cacuminatus</i> Millidge 1984	X						
Linyphiidae	<i>Walckenaeria arctica</i> Millidge 1983	X						
Linyphiidae	<i>Walckenaeria atrotibialis</i> (O.P.-Cambridge 1878)	X	X					
Linyphiidae	<i>Walckenaeria auranticeps</i> (Emerton 1882)	X	X					
Linyphiidae	<i>Walckenaeria castanea</i> (Emerton 1882)	X	X					
Linyphiidae	<i>Walckenaeria communis</i> (Emerton 1882)	X	X	X		X		
Linyphiidae	<i>Walckenaeria directa</i> (O.P.-Cambridge 1874)					X		

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Linyphiidae	<i>Walckenaeria exigua</i> Millidge 1983	X						
Linyphiidae	<i>Walckenaeria karpinskii</i> (O.P.-Cambridge 1873)	X	X	X				
Linyphiidae	<i>Walckenaeria kochii</i> (O.P.-Cambridge 1892)		X					
Linyphiidae	<i>Walckenaeria lepida</i> (Kulczynski 1885)	X						
Linyphiidae	<i>Walckenaeria tricornis</i> (Emerton 1882)	X	X	X				
Linyphiidae	<i>Walckenaerianus aimakensis</i> Wunderlich 1994		X					
Linyphiidae	<i>Zornella armata</i> (Banks 1906)	X	X					
Linyphiidae	Erigoninae #1 Birch	X						
Linyphiidae	Erigoninae #2 Caribou		X					
Liocranidae	<i>Agroeca ornata</i> Banks 1892	X				X		
Lycosidae	<i>Alopecosa aculeata</i> (Clerck 1757)	X	X	X	X	X	X	
Lycosidae	<i>Arctosa alpigena</i> (Doleschall 1852)	X	X	X		X		
Lycosidae	<i>Arctosa raptor</i> (Kulczynski 1885)	X	X	X				
Lycosidae	<i>Arctosa rubicunda</i> (Keyserling 1877)	X						
Lycosidae	<i>Hogna frondicola</i> (Emerton 1885)			X	X			
Lycosidae	<i>Pardosa concinna</i> (Thorell 1877)	X	X	X		X	X	

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Lycosidae	<i>Pardosa furcifera</i> (Thorell 1875)	X	X					
Lycosidae	<i>Pardosa fuscula</i> (Thorell 1875)	X	X	X		X		
Lycosidae	<i>Pardosa groenlandica</i> (Thorell 1872)				X	X		
Lycosidae	<i>Pardosa hyperborea</i> (Thorell 1872)	X	X	X	X	X		
Lycosidae	<i>Pardosa mackenziana</i> (Keyserling 1877)	X	X	X	X	X	X	
Lycosidae	<i>Pardosa moesta</i> Banks 1916	X	X	X		X		X
Lycosidae	<i>Pardosa tesquorum</i> (Odenwall 1901)	X	X	X	X	X		
Lycosidae	<i>Pardosa uintana</i> Gertsch 1933	X	X	X				
Lycosidae	<i>Pardosa xerampelina</i> (Keyserling 1877)	X	X	X	X	X		
Lycosidae	<i>Pirata bryantae</i> Kurata 1944	X	X	X				
Lycosidae	<i>Pirata canadensis</i> Dondale & Redner 1980		X	X				
Lycosidae	<i>Pirata insularis</i> Emerton 1885	X	X	X				
Lycosidae	<i>Pirata piraticus</i> (Clerck 1757)	X	X	X	X			
Lycosidae	<i>Schizocosa minnesotensis</i> (Gertsch 1934)							X
Lycosidae	<i>Trochosa terricola</i> Thorell 1856	X		X	X	X		
Mimetidae	<i>Ero canionis</i> Chamberlin & Ivie 1935	X						
Philodromidae	<i>Philodromus alascensis</i> Keyserling 1884	X	X					

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Philodromidae	<i>Philodromus cespitum</i> (Walckenaer 1802)	X	X		X	X		
Philodromidae	<i>Philodromus histrio</i> (Latreille 1819)	X			X	X		
Philodromidae	<i>Philodromus imbecillus</i> Keyserling 1880			X				
Philodromidae	<i>Philodromus mysticus</i> Dondale & Redner 1975	X	X	X	X			
Philodromidae	<i>Philodromus peninsulaus</i> Gertsch 1934 ?	X	X					
Philodromidae	<i>Philodromus placidus</i> Banks 1892	X	X	X	X	X		
Philodromidae	<i>Philodromus rufus</i> Walckenaer 1826	X		X				
Philodromidae	<i>Thanatus coloradensis</i> Keyserling 1880			X				
Philodromidae	<i>Thanatus formicinus</i> (Clerck 1757)	X						
Philodromidae	<i>Thanatus striatus</i> C.L.Koch 1845	X	X					
Philodromidae	<i>Tibellus maritimus</i> (Menge 1875)	X	X	X				
Philodromidae	<i>Tibellus oblongus</i> (Walckenaer 1802)		X	X				
Pisauridae	<i>Dolomides triton</i> (Walckenaer 1837)		X	X				
Salticidae	<i>Chalcoscirtus alpicola</i> (L.Koch 1876)	X	X					

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Salticidae	<i>Eris militaris</i> (Hentz 1845)	X		X	X	X	X	X
Salticidae	<i>Evarcha proszynskii</i> Marusik & Logunov 1997	X	X	X				
Salticidae	<i>Habronattus americanus</i> (Keyserling 1884)			X				
Salticidae	<i>Habronattus captiosus</i> (Gertsch 1934)			X	X			X
Salticidae	<i>Pelegrina flavipedes</i> (Peckham & Peckham 1888)	X						
Salticidae	<i>Pelegrina montana</i> (Emerton 1891)	X	X	X				
Salticidae	<i>Pellenes ignifrons</i> (Grube 1861)			X				
Salticidae	<i>Pellenes lapponicus</i> (Sundevall 1833)	X		X				
Salticidae	<i>Phidippus cryptus</i> Edwards 2004	X		X				
Salticidae	<i>Phidippus purpuratus</i> (Keyserling 1885)				X			
Salticidae	<i>Sibianor aemulus</i> (Gertsch 1934)	X						
Salticidae	<i>Sitticus finschii</i> (L.Koch 1879)			X				
Salticidae	<i>Sitticus palustris</i> (Peckham & Peckham 1883)	X						
Salticidae	<i>Sitticus ranieri</i> Peckham & Peckham 1909	X	X	X				
Tetragnathidae	<i>Pachygnatha clercki</i> Sundevall 1823	X	X	X				

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Tetragnathidae	<i>Tetragnatha caudata</i> Emerton 1884		X			X		
Tetragnathidae	<i>Tetragnatha dearmata</i> Thorell 1873	X		X	X			
Tetragnathidae	<i>Tetragnatha elongata</i> Walckenaer 1842			X				
Tetragnathidae	<i>Tetragnatha extensa</i> (Linnaeus 1758)	X	X	X	X	X		
Tetragnathidae	<i>Tetragnatha shoshone</i> (Levi 1981)				X			
Tetragnathidae	<i>Tetragnatha versicolor</i> Walckenaer 1841	X	X	X	X	X		
Theridiidae	<i>Coriarachne utahensis</i> (Gertsch 1932)		X					
Theridiidae	<i>Crustulina sticta</i> (O.P.-Cambridge 1861)			X				
Theridiidae	<i>Enoplognatha intrepida</i> (Soerensen 1898)	X						
Theridiidae	<i>Euryopis argentea</i> Emerton 1882	X		X				
Theridiidae	<i>Robertus fuscus</i> (Emerton 1894)	X	X	X				
Theridiidae	<i>Steatoda albomaculata</i> (de Geer 1776)		X	X				
Theridiidae	<i>Steatoda borealis</i> (Hentz 1850)	X		X				
Theridiidae	<i>Theridion differens</i> Emerton 1882		X	X			X	

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Theridiidae	<i>Theridion impressum</i> L.Koch 1881	X						
Theridiidae	<i>Theridion montanum</i> Emerton 1882	X						
Theridiidae	<i>Theridion ohlertii</i> Thorell 1872	X	X					
Theridiidae	<i>Theridion pictum</i> (Walckenaer 1802)	X	X		X			
Theridiidae	<i>Thymoites minnesota</i> (Levi 1964)		X					
Theridiidae	<i>Coriarachne utahensis</i> (Gertsch 1932)		X					
Thomisidae	<i>Misumena vatia</i> (Clerck 1757)	X	X			X	X	
Thomisidae	<i>Ozyptila gertschi</i> Kurata 1944	X	X					
Thomisidae	<i>Ozyptila sincera canadensis</i> Dondale & Redner 1975	X	X	X	X			
Thomisidae	<i>Xysticus albertensis</i> Dondale 2008			X				
Thomisidae	<i>Xysticus britcheri</i> Gertsch 1934	X	X	X				
Thomisidae	<i>Xysticus canadensis</i> Gertsch 1934	X	X					
Thomisidae	<i>Xysticus chippewa</i> Gertsch 1953	X		X				
Thomisidae	<i>Xysticus durus</i> (Soerensen 1898)	X						
Thomisidae	<i>Xysticus elegans</i> Keyserling 1880	X						

Family	Species	Birch Mountains	Caribou Mountains	Colin-Cornwall Lakes	Fidler-Greywillow	La Butte Creek	Marguerite River	Richardson River Dunes
Thomisidae	<i>Xysticus ellipticus</i> Turnbull et al. 1965	X	X					
Thomisidae	<i>Xysticus emertoni</i> Keyserling 1880	X	X	X	X	X		
Thomisidae	<i>Xysticus ferox</i> (Hentz 1847)	X	X					
Thomisidae	<i>Xysticus keyserlingi</i> Bryant 1930	X	X					
Thomisidae	<i>Xysticus luctuosus</i> (Blackwall 1836)	X	X	X				
Thomisidae	<i>Xysticus montanensis</i> Keyserling 1887	X						
Thomisidae	<i>Xysticus obscurus</i> Collett 1876	X	X	X				
Thomisidae	<i>Xysticus punctatus</i> Keyserling 1880	X						
Thomisidae	<i>Xysticus triangulosus</i> Emerton 1894	X						
Thomisidae	<i>Xysticus triguttatus</i> Keyserling 1880	X	X					
Titanoecidae	<i>Titanoeca silvicola</i> Chamberlin & Ivie 1947	X	X	X		X		
Family totals		17	16	15	12	13	8	2
Species totals		185	155	105	43	47	10	5

Appendix 03. Updates and corrections of spider reports by Nordstrom and Buckle for north-eastern Alberta.

Report	Family	Previous Designation	Current Designation
Nordstrom and Buckle 2002	Dictynidae	<i>Dictyna</i> sp. #1 F	<i>Dictyna</i> sp. Immature female, unidentifiable
Nordstrom and Buckle 2002	Dictynidae	<i>Dictyna</i> sp. #2 F	<i>Dictyna</i> sp. Immature female, unidentifiable
Nordstrom and Buckle 2002	Linyphiidae	<i>Agyneta</i> sp. #1	<i>Aygneta simplex</i> (Emerton 1926)
Nordstrom and Buckle 2004	Dictynidae	<i>Dictyna peragrata</i>	<i>Dictyna chitina</i> Chamberlin & Gertsch 1958
Nordstrom and Buckle 2004	Linyphiidae	<i>Satilatlas</i> sp.	<i>Satilatlas gertschi</i> Millidge 1981
Nordstrom and Buckle 2004	Salticidae	<i>Phidippus</i> sp. #1	<i>Phidippus cryptus</i> Edwards 2004
Nordstrom and Buckle 2004	Thomisidae	<i>Xysticus</i> sp. #1	<i>Xysticus albertensis</i> Dondale 2008
Nordstrom and Buckle 2006	Linyphiidae	<i>Lepthyphantes</i> sp.	<i>Poecilioneta varigata</i> (Blackwall 1841)
Nordstrom and Buckle 2006	Linyphiidae	<i>Zornella cultrigera</i>	<i>Zornella armata</i> (Banks 1906)
Nordstrom and Buckle 2006	Linyphiidae	Undetermined genus #1	<i>Sciastes truncatus</i> (Emerton 1882)