

Survey of the Lepidoptera Fauna in Birch Mountains Wildland Provincial Park



Plataeactia parthenos

Photo: D. Vujnovic

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Figure 1. Doug Macaulay and Gerald Hilchie walking on a cutline near site 26. (Photo by Stacy Macaulay)



Figure 2. Stacey Macaulay crossing a beaver dam at site 33. (Photo by Doug Macaulay)

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INTRODUCTION

The Birch Mountains to the northwest of Ft. McMurray are located within the Upper and Lower Boreal Highlands Subregions (Government of Alberta 2005). A sizeable protected area, the Birch Mountains Wildland Provincial Park (WPP), is located primarily within the bounds of the Upper Boreal Highlands Subregion. The WPP contains extensive bogs, patches of pine, aspen and birch forest as well as riparian meadow habitats. The park occupies an area of 144,505 ha and was the focus of a lepidoptera survey in 2004.

The Upper Boreal Highlands Subregion is characterized by steeply sloping dissected plateaus and undulating and hummocky upper plateau surfaces. In addition to the Birch Mountains, the Upper Boreal Highlands Subregion includes the upper slopes and plateaus of the Buffalo Head, Naylor and Clear Hills. This Subregion is entirely surrounded by the Lower Boreal Highlands Subregion.

Several lepidoptera surveys have been conducted in a number of Wildland Provincial Parks (WPPs) in northern Alberta since 2000. These surveys were the first for these parks and include the following:

- 2000 – Maybelle River, Marguerite River and Richardson River Dunes WPPs (Schmidt and Pohl 2000).
- 2001 – La Butte Creek and Fidler-Greywillow WPPs (Macaulay and Pohl 2002).
- 2002 – Colin-Cornwall Lakes WPP (Macaulay and Pohl 2003).
- 2003 – Caribou Mountains WPP (Schmidt, Macaulay and Pohl 2004).

For the lepidoptera survey in Birch Mountains WPP in 2004, the field camp was located on the north end of Gardiner Lake, about 120 km northwest of Fort McMurray. The purpose of the survey was to provide an annotated summary of the lepidoptera species that occur in the park, including notes on such parameters as relative abundance, distribution patterns, range extensions and any other relevant biological or behavioral information. This information contributes towards an increased understanding of the lepidoptera fauna found in this WPP as well as for the broader context of Alberta.

METHODS

The lepidoptera survey was conducted within Birch Mountains WPP between June 6-18, and July 6-19, 2004. For the June survey, Ted Johnson, Wayne Nordstrom, Robert Holmberg, Jim Hilchie and Gerald Hilchie were involved. Gerald Hilchie, Ted Johnson, Stacy Macaulay, Wayne Nordstrom and the author conducted the July survey.

Lepidoptera were collected in a variety of ways. Adult specimens were netted with butterfly nets, or collected after being caught in pan or malaise traps. Photographs were taken of some species.

Habitats from which specimens were collected included: old growth spruce and fir (OSF), riparian meadows along streams (RM), aspen forest (AF), willow communities along beaches (WB), pine forest (PF), spruce forest (SF), and spruce bogs (SB) (Table 1).

Specimens were collected via hand netting during daylight hours and at dusk. At night, specimens were collected at a sheet illuminated by a 175-Watt mercury vapour light powered by a portable generator, and in two 25-Watt 12V DC battery-powered ultraviolet light traps (Figure 3). Attempts were made to sample as many habitats as possible. Coordinates of collection sites are listed in Table 1.

Table 1: Habitats and locations of collection sites in Birch Mountains Wildland Provincial Park (see Appendix 1 and 2 for maps of collection locations).

Site #	Habitat	Location	Coordinates (decimal degrees)	
			°N	°W
1	RM / AF	Ells River outlet	57.47490	112.53216
2	OSF	Namur Lake, S end along trail	57.36326	112.73907
3	SF	Namur Lake, Lodge	57.37505	112.76440
4	SF	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877
5	PF	Namur Lake, burnt pine, site 1	57.40219	112.75073
6	PF	Namur Lake, burnt pine, site 2	57.40486	112.75252
7	RM	Mikkwa River	57.51800	113.23500
8	PF	Gardiner Lake, pine forest (site 1)	57.53312	112.49075
9	PF	Gardiner Lake, pine forest (site 2)	57.53334	112.48868
10	WB	Gardiner Lake, SE of camp @ beach	57.53620	112.48430
11	SF	Gardiner Lake, SW of camp beside sand beach	57.55561	112.50924
12	SB	Gardiner Lake, N of camp	57.55621	112.51242
13	SF	Gardiner Lake, N trapper's cabin	57.55714	112.50550
14	SB	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784
15	RM	Gardiner Lake at Sand River	57.57058	112.44963
16	SF	Gardiner Lake, Island S of camp	57.57366	112.47955
17	SF	Gardiner Lake, S trapper's cabin	57.57440	112.46011
18	RM	Big Island Lake outlet @ Sand River	57.57752	112.45212
19	WB	Gardiner Lake, beach	57.57923	112.46487
20	RM	Sand River	57.57950	112.44147
21	SF	Gardiner Lake, basecamp	57.58023	112.46735
22	SF	Birch Lake	57.58200	112.75100
23	SF	Gardiner Lake, NW of camp on cutline	57.58241	112.53213
24	AF / SB	Big Island Lake, S near beaver pond	57.58364	112.47174
25	SF	Gardiner Lake, NW of camp off cutline @ pond	57.58616	112.52941
26	SF	Gardiner Lake, NW of camp on cutline	57.58621	112.48004
27	AF	Big Island Lake, S @ beaverpond	57.58622	112.48188
28	SB	Big Island Lake, S in burnt bog	57.58637	112.46850
29	AF	Big Island Lake, near beaverpond	57.58649	112.45847
30	SB	Gardiner Lake, N of camp	57.58688	112.46400
31	RM	Gardiner Lake, streamside	57.58748	112.45096
32	RM	Sand River @ Big Island Creek	57.58838	112.45018
33	SB / AF	Gardiner Lake, N of camp at beaverpond	57.58881	112.45901
34	SB	Big Island Lake, S of aspen / birch	57.59001	112.47363
35	SF	Sand Lake, N along shore	57.57854	112.44321
36	SF	Sand Lake, east end	57.67003	112.29417

The authors identified collected specimens by using Covell (1984), Handfield (1999), Heinrich (1923, 1926), Rockburne and Lafontaine (1976), McGuffin (1977), Lafontaine and Poole (1991), Lafontaine (1998), and Schmidt (2000). In addition, a variety of pertinent taxonomic publications were used, including the reference collections possessed

by the Canadian Forest Service at the Northern Forestry Centre, and the Strickland Museum at the University of Alberta. Members of the Alberta Lepidopterists' Guild were also consulted. Catalog numbers referred to in Appendices 3 and 4 refer to species numbers in Hedges *et al.* (1983). Voucher specimens have been deposited at the Northern Forestry Centre and the Strickland Museum.



Figure 3. UV trap hung in pine forest located north of camp near site 33. (Photo by Doug Macaulay)



Figure 4. *Kalmia polifolia* (Bog Laurel) in bog north of camp near site 30. (Photo by Doug Macaulay)

RESULTS

A total of 1374 lepidoptera specimens belonging to 30 families and 253 species, were collected in Birch Mountains WPP. Of the 253 species, 27 were butterflies, 137 were macro-moths and 89 were micro-moths (Appendix 3). A species list and collection summary appears in Appendix 3; full collection data appears in Appendix 4. The locations of collection sites are illustrated in Appendix 1 and 2.

Table 2 indicates that Marguerite / Maybelle / Richardson River WPPs had the least number of specimens collected (280) while Birch Mountains WPP had about five times that number (1374). Also of note, Birch Mountains WPP had the highest number of recorded species (253), 25 more than the next highest count of 228 that were recorded for La Butte Creek and Fidler-Greywillow WPPs. In addition, 43 unique species were found in the Birch Mountains when compared to the four other surveys.

Table 2. Comparison of numbers of specimens collected and numbers of species found within several Wildland Provincial Parks.

Wildland Provincial Park	No. Specimens	No. Species
Marguerite / Maybelle / Richardson River WPPs	280	175
La Butte Creek & Fidler-Greywillow WPPs	542	228
Colin-Cornwall Lakes WPP	437	138
Caribou Mountains WPP	1045	214
Birch Mountains WPP	1374	253



Figure 5. *Papilio canadensis* held by Doug Macaulay near camp at site 21. (Photo by Stacy Macaulay)

DISCUSSION

I. Factors affecting the Survey

Through the use of aerial maps and the ecological land classification that was available for identifying potential study sites, we felt that most habitats in the Birch Mountains were adequately sampled. The only areas that were not thoroughly sampled were the fens, and the small stream and lake borders that were only accessible by helicopter. Future surveys should target these isolated habitats.

Although 253 lepidopteran species were collected in this survey, this figure represents only a relatively small proportion of the species that could potentially occur in the park. To determine a more complete species list, a survey of adult lepidoptera would need to be done (approximately once every 10 to 14 days) through the entire flight season, from the end of April until late September. As well, lepidoptera species are often localized in particular microhabitats, some of which were not accessible on this survey. Collecting in June focused primarily on day-flying species. Very few moths were collected then with the result that only a small number of specimens were collected. Many lepidoptera species are active as adults for only a short portion of the season. Future surveys should target the moth faunas that are extant in June as well as the diurnal / nocturnal species of August and late July.



Figure 6. *Lonicera involucrata* (Bracted Honeysuckle) flowering beside a beaver pond north of camp at site 33. (Photo by Doug Macaulay)

II. Taxa of particular interest

The following is an annotated list of several significant species records. These records are of particular note or interest, not only for the Birch Mountains WPP but also for Alberta in a broader context. For each species discussed, brief comments are included about their relative abundance, collection location, significant range extensions, and any other relevant biological or behavioral information.

A. BUTTERFLIES:

Range and biological information is from Bird *et al.* (1995) and Layberry *et al.* (1998). Nomenclature follows that of Layberry *et al.* (1998).

Lycaenidae

Vacciniina optilete yukona (Holland) – This species is uncommon and found in localized populations across northern Alberta. It was quite common in both the Caribou and Birch Mountains in black spruce bogs. Five adult specimens were collected in July in Birch Mountains WPP – four in the Gardiner Lake area and one in the Big Island Lake area.

B. MACRO-MOTHS

Range and biological information is from Bowman (1951), McGugan (1958), Prentice (1962, 1963), and Tuskes *et al.* (1996) except as noted.

Geometridae

Macaria andersoni (Swett) – This uncommon species is found in the foothills and boreal forests of Alberta. It has previously been collected in Calgary, High River, Nordegg, and Sundre as well as in La Butte Creek, Fidler-Greywillow and Caribou Mountains WPPs. A single specimen was taken in July in an open pine stand at site 9 on Gardiner Lake in Birch Mountains WPP.

Aspitates taylorae (Butl.) – An uncommon species which occurs locally in open peat bogs of northern Alberta. This species has only recently been added to the provincial fauna and there are only a few known localities, including Caribou Mountains WPP, Zama City and near Fort Assiniboine at Holmes Crossing Ecological Reserve, and Calling Lake (Schmidt 2003, Schmidt *et al.* 2004). Five specimens were collected in July 2004 in Birch Mountains WPP – four at Gardiner Lake and one at Big Island Lake.



Figure 7. *Chamaedaphne calyculata* (Leatherleaf) in bog located south of camp at site 14. (Photo by Doug Macaulay)

Sphingidae

Proserpinus flavofasciata (Wlk.) – This rare bumblebee mimic is found in localized populations in the foothills and throughout the boreal forest. It is diurnal and is often collected in the spring when it is nectaring at flowers such as *Mertensia paniculata* (Tall Lungwort). It has previously been collected at Calgary, Bragg Creek, Nordegg, Edmonton, George Lake and near Zama City in Alberta. The one specimen collected out of a pit trap in June 2004 at site 5 on Namur Lake in Birch Mountains WPP represents the only specimen known from northeastern Alberta.

Notodontidae

Closteria brucei (Edw.) – This uncommon species is found in localized populations across northern Alberta. Recent records include the Caribou Mountains, Zama City and Colin-Cornwell WPP. Four specimens were collected in July in Birch Mountains WPP – all at sites on Gardiner Lake.

Arctiidae

Holomelina aurantiaca (Hbn.) – This rare boreal species has been collected twice – once from Fidler-Greywillow WPP in 2001 and once from Birch Mountains WPP. In Birch Mountains, nine specimens were collected from four different sites on Gardiner Lake in July 2004. This species is diurnal and numerous specimens were observed flying in open muskeg along with the similar species *Holomelina ferruginosa*.



Figure 8. *Holomelina ferruginosa* resting on moss in spruce bog north of camp near site 28. (Photo by Doug Macaulay)

Grammia speciosa (Mosch) - This uncommon boreal species is rarely collected in Alberta. It occurs in peatland habitats throughout the boreal region, but is known from less than ten localities in Alberta. In Birch Mountains WPP, two specimens were collected in July 2004 – one in the Sand Lake area and one in the Gardiner Lake area.

Noctuidae

Syngrapha diasema (Bdv.) – Although this species is widespread across the Holarctic region, it is very rare in Alberta. It has been collected from Caribou Mountains WPP and from Nordegg (Schmidt *et al.* 2004). The seventeen Caribou Mountains records from 2003 filled in a large distribution gap that existed between Nordegg and Great Slave Lake, NWT, where it has also been collected (Lafontaine & Poole 1991). In Birch Mountains WPP, five specimens were collected in July 2004 from two locations on Gardiner Lake.

Syngrapha ignea (Grt.) – In Alberta, this uncommon species was previously recorded from mountain alpine and subalpine meadows (Lafontaine & Poole. 1991). The species has been recently collected (2003) from the subarctic bogs in the Caribou Mountains (Schmidt *et al.* 2004). In Birch Mountains WPP, five specimens were collected in July 2004 at two sites in the park – at Namur Lake and at Gardiner Lake. This species was also observed nectaring on *Ledum* plants.

Sympistis zetterstedti (Stgr.) – The five specimens collected at sites in the Gardiner Lake area in Birch Mountains WPP in July 2004 represents the second record for Alberta. This species was also observed nectaring on *Arctostaphylos* plants in this area. The first record for Alberta of this subarctic species came from specimens collected in the Caribou Mountains in 2003 (Schmidt *et al.* 2004).

Polia propodea McCabe – This uncommon boreal species is rarely collected in Alberta. Sixteen specimens were collected from five sites in the Namur Lake and Gardiner Lake areas within Birch Mountains WPP in July 2004. This species occurs in peatland habitats throughout the boreal region and is only known from five other localities – Calling Lake, Limestone Mountain, Nordegg, Fort McMurray and Fidler-Greywillow WPP.

Lasionycta taigata Lafontaine - This uncommon boreal species is rarely collected in Alberta. In Birch Mountains WPP, five specimens were collected from three locations in the Gardiner Lake area. This species occurs in peatland habitats throughout the boreal region and is only known from two other localities – Calling Lake and Holmes Crossing Ecological Reserve.



Figure 9. Spruce bog located north of camp near site 30. (Photo by Doug Macaulay)

Xestia atrata (Morr.) - This uncommon boreal species is rarely collected in Alberta. In Birch Mountains WPP, this species was fairly common. Eight specimens were collected from this park in July 2004 from three different locations in the Gardiner Lake area. This species occurs in peatland habitats throughout the boreal region and is known from only five other localities – Nordegg, Red Deer, Bearberry, Zama City and Holmes Crossing Ecological Reserve.

C. MICRO-MOTHS

Range and biological information is from Bowman (1951), Prentice (1965) except as noted.

Nepticulidae

Ectoedemia weaveri (Stainton) - this is the first report of this common European species in North America. The species was collected at three locations in the Birch Mountains, so it appears to be quite common, despite not having been reported in North America previously. In Europe, this species mines the leaves of *Vaccinium vitis-idaea*; in North America they probably have the same host. Due to their minute size (5 mm wingspan), these moths are difficult to collect and identify and thus are very poorly known. This record represents the first published record of any Nepticulidae species occurring in Alberta, although several other species within this family are expected to occur here.

Cosmopterigidae

Cosmopterix fernaldella Wlsm. - this is the first record of this species in western North America. It was previously known in eastern North America as far West as Michigan (Hodges 1978). Larvae are leaf miners of *Carex* species. This species is probably more widely distributed than known records suggest, but is likely localized around wetlands. The Birch Mountains record is from the Sand River area.

Tortricidae

Apotomis paludicolana (Brower) - this species has only recently been reported from Alberta (Pohl *et al.* 2005); prior to that it was known only from eastern North America. Besides the Birch Mountains locality (Sand River), it is known in Alberta from the Edmonton area. This species is probably widespread but localized in bog habitats in the boreal forest.

Crambidae

Catoptria maculalis (Zetterstedt) - This species has only recently been reported from Alberta (Pohl *et al.* 2005); prior to that it was known only from Quebec, Labrador, and Yukon Territory. The Birch Mountains specimen was collected just north of Gardiner Lake. In Alberta it is also known from Zama City. This species is likely widely distributed but localized across the northern boreal forest. Nothing is known of its biology.



Figure 10. *Albuna pyramidalis* on gnawed tree stump beside a beaver pond located north of camp at site 33. (Photo by Doug Macaulay)

SUMMARY AND CONCLUSIONS

A total of 253 lepidoptera species was found during the 2004 survey of the Birch Mountains WPP. This represents 27 butterflies, 137 macro-moths and 89 micro-moths. These records include two new species for Alberta, one of which represents a new species record for North America, and the first record of the family Nepticulidae in Alberta. Most species in the area were common ones that have wide distributions across Canada but the survey did find six rare and 19 uncommon species in the WPP. Of these

rare and uncommon species, several are boreal forest specialists, including the butterfly *Vacciniina optilete yukona*, a species that is currently on the ANHIC 2004 tracking list.

Other boreal forest specialists include the macromoth species *Macaria andersoni*, *Aspitates taylorae*, *Proserpinus flavofasciata*, *Holomelina aurantiaca*, *Grammia speciosa*, *Polia propodea*, *Lasionycta taigata*, and *Xestia atrata*, and the micromoth species *Monopis monachella*, *Olethreutes sordidana*, *Olethreutes bowmanana*, *Gypsonoma adjuncta*, *Epinotia momonana*, and *Archips alberta*. Several subarctic and alpine species were found, including the macromoth species *Syngrapha diasema*, *Syngrapha ignea* and *Sympistis heliophila*, and the micromoth species *Catoptria maculalis*.

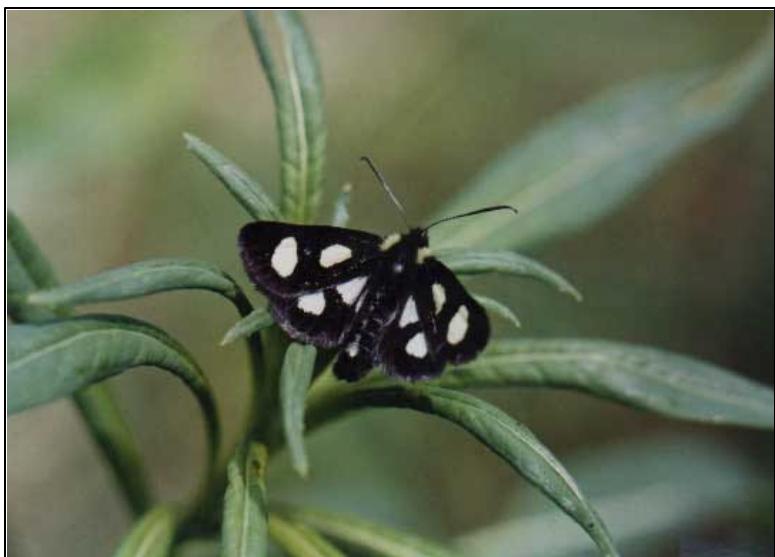


Figure 11. *Alypia langtoni* located on cutline in aspen forest beside a beaver pond located north of camp near site 30. (photo by Doug Macaulay)

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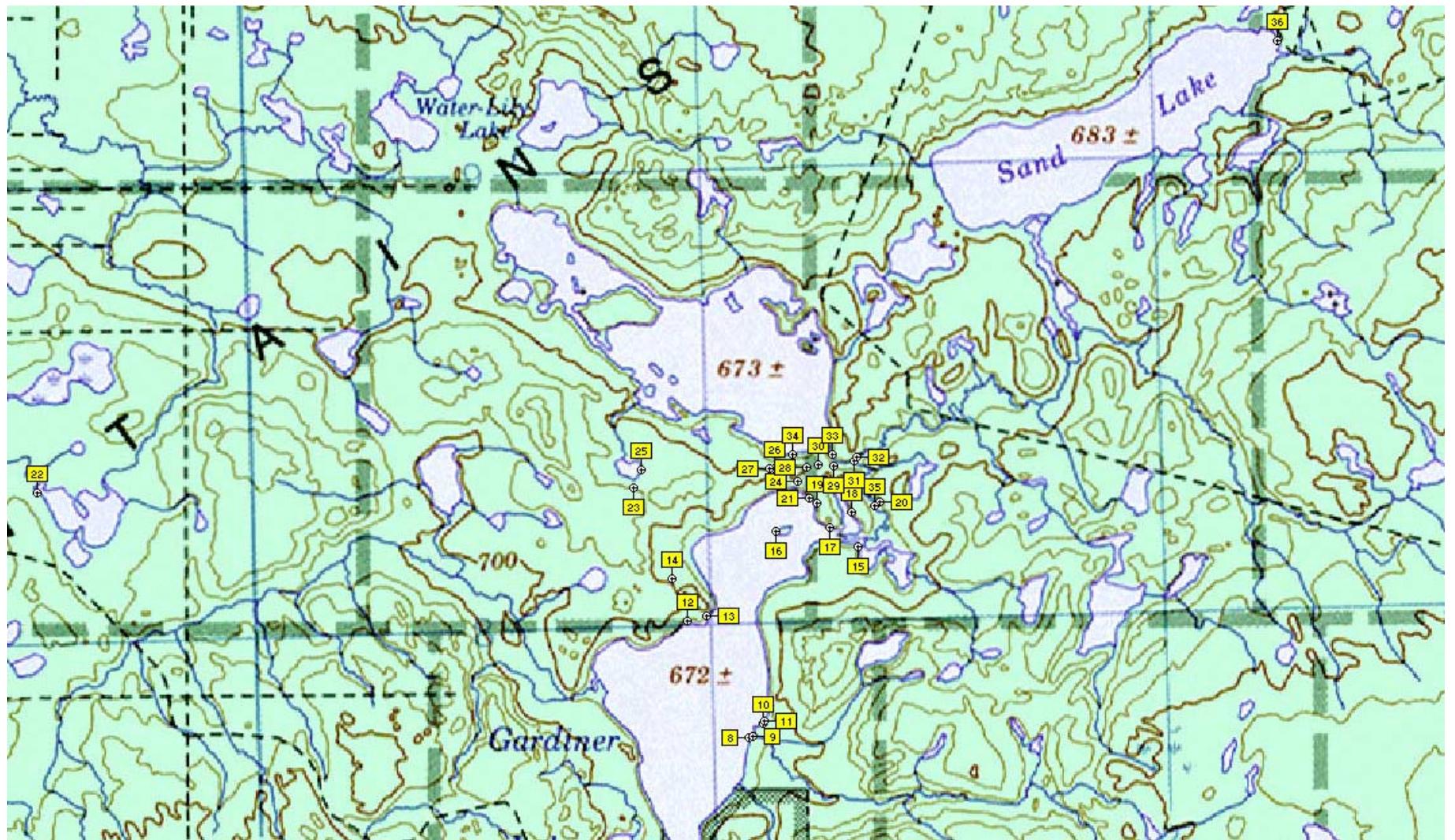
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Appendix 1. Collection sites at Birch Mountains Wildland Provincial Park in the Gardiner Lake and Sand Lake areas. The distance between the vertical and horizontal blue lines on the topographic map is 10 km.



Appendix 2. Collection sites at Birch Mountains Wildland Provincial Park in the Namur Lake area. The distance between the vertical and horizontal blue lines on the topographic map is 10 km.



Appendix 3. List of species found in Birch Mountains Wildland Provincial Park.

Abn.	MONA No.	Family	Species	Birch Mountain WPP collection sites (see Table 1)																																		
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
C	20.00	Hepialidae	<i>Sthenopis quadriguttatus</i> (Grt.)									1																										1
?	58.31	Nepticulidae	<i>Ectoedemia weaveri</i> (Stainton)		3							1																										5
C	218.00	Adelidae	<i>Elasmion bella</i> (Walker)										1																									4
C	412.00	Tineidae	<i>Niditinea orleansella</i> (Chambers)									1																										1
C	415.00	Tineidae	<i>Monopis laevigella</i> (Denis & Schiffermüller)			1						1																										3
U	418.00	Tineidae	<i>Monopis monachella</i> (Hübner)																																			1
C	421.00	Tineidae	<i>Monopis spilotella</i> Tengström			2																																6
A	560.00	Bucculatricidae	<i>Bucculatrix canadensisella</i> Chambers				1																															1
C	1055.00	Oecophoridae	<i>Brymbla quadrimaculella</i> (Chambers)			1																																1
C	1089.00	Elachistidae	<i>Elachista adempta</i> Braun																																			1
C	1388.00	Coleophoridae	<i>Coleophora trifolii</i> (Curtis)																																			2
?	1398.91	Coleophoridae	<i>Coleophora</i> sp. 1																																			1
?	1398.92	Coleophoridae	<i>Coleophora</i> sp. 2		1																																3	
?	1398.94	Coleophoridae	<i>Coleophora</i> sp. 4									5																									5	
?	1458.99	Coleophoridae	<i>Mompha</i> sp. 1																																			1
R	1496.00	Cosmopterigidae	<i>Cosmopterix fernaldella</i> Wlsm.																	1																	1	
A	1826.00	Gelechiidae	<i>Coleotechnites piaceaella</i> (Kearfott)		3															1																	4	
C	1898.00	Gelechiidae	<i>Lita sexpunctella</i> (Fabricius)																																			3
C	2069.00	Gelechiidae	<i>Chionodes continuaella</i> (Zeller)																1																		3	
C	2069.11	Gelechiidae	<i>Chionodes sattleri</i> Hodges			1																															2	
?	2074.97	Gelechiidae	<i>Chionodes</i> sp. 1			1						1																									2	
?	2074.98	Gelechiidae	<i>Chionodes</i> sp. 2																	1																	1	
?	2074.99	Gelechiidae	<i>Chionodes</i> sp. 3																																			3
C	2090.00	Gelechiidae	<i>Chionodes lugubrella</i> (Fabricius)																10	1																	9	
A	2093.00	Gelechiidae	<i>Chionodes mediofuscella</i> (Clemens)																																			2
C	2127.00	Gelechiidae	<i>Filatima abactella</i> (Clarke)																																			9
?	2276.91	Gelechiidae	<i>Gelechiidae</i> sp. A																																			4
?	2276.92	Gelechiidae	<i>Gelechiidae</i> sp. B																12																		10	
?	2276.93	Gelechiidae	<i>Gelechiidae</i> sp. C																1																		1	
?	2276.94	Gelechiidae	<i>Gelechiidae</i> sp. D									1																									1	
C	2433.00	Yponomeutidae	<i>Argyresthia prb. abies</i> Free.																																			1
C	2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller		6																																	6
C	2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)																																			13
C	2676.00	Cossidae	<i>Acossus populi</i> (Wlk.)									2																									2	
C	2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)			1								1		6																				9		
U	2707.00	Tortricidae	<i>Bactra verutana</i> Zell.													1																					1	
C	2753.00	Tortricidae	<i>Apotomis prb. capreana</i> (Hübner)																																			1
R	2754.00	Tortricidae	<i>Apotomis paludicolana</i> (Brower)																																			1
C	2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)		1							4			1	1																				1		
A	2770.00	Tortricidae	<i>Orthotaenia undulana</i> (Denis & Schiffermüller)		1	1						1																									3	
U	2834.00	Tortricidae	<i>Olethreutes sordidana</i> (McD.)																																			1
C	2839.00	Tortricidae	<i>Olethreutes metallicana</i> (Hübner)															3	2	1																1		
A	2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)		5							2				3																				12		
C	2847.00	Tortricidae	<i>Olethreutes</i> nr not = <i>glaciana</i>																																		1	
C	2848.00	Tortricidae	<i>Olethreutes bipartitana</i> (Clemens)		2							2			1																					6		
C	2848.00	Tortricidae	<i>Olethreutes</i> nr not = <i>bipartitana</i>			1																														1		
U	2854.00	Tortricidae	<i>Olethreutes bowmanana</i> (McDunnough)																																		1	
?	2858.99	Tortricidae	<i>Olethreutes</i> sp. 1									1																									1	
C	2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)		2							1				5																				9		
?	2902.99	Tortricidae	<i>Retinia</i> sp.?									1																									1	
C	3223.00	Tortricidae	<i>Gypsonoma fasciolana</i> (Clemens)																1																	2		
U	3229.00	Tortricidae	<i>Gypsonoma adjuncta</i> Heinrich																																		1	
C	3302.00	Tortricidae	<i>Epinotia rectiplicana</i> (Walsingham)		1	1												2																		6		
?	3310.00	Tortricidae																																				

Appendix 3. List of species found in Birch Mountains Wildland Provincial Park.

Appendix 3. List of species found in Birch Mountains Wildland Provincial Park.

Appendix 3. List of species found in Birch Mountains Wildland Provincial Park.

Abn.	MONA No.	Family	Species	Birch Mountain WPP collection sites (see Table 1)																																			
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
C	8555.00	Noctuidae	<i>Scoliopteryx libatrix</i> (L.)										1																										1
C	8697.00	Noctuidae	<i>Zale minorea</i> (Gn.)										1																										1
C	8731.00	Noctuidae	<i>Euclidia cuspidea</i> (Hbn.)																																				6
C	8881.00	Noctuidae	<i>Abrostola urentis</i> Gn.																																				4
C	8912.00	Noctuidae	<i>Autographa mappa</i> (G. & R.)					1																														2	
R	8935.00	Noctuidae	<i>Syngrapha diasema</i> (Bdv.)										3																									5	
U	8949.00	Noctuidae	<i>Syngrapha ignea</i> (Grt.)							3																											5		
C	8953.00	Noctuidae	<i>Plusia venusta</i> Wlk.																																			2	
C	9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)		1																																	9	
C	9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)		3								4																									1	
C	9183.00	Noctuidae	<i>Panthea pallescens</i> McD.										1																									1	
C	9207.00	Noctuidae	<i>Acronicta innotata</i> Gn.				1																															4	
C	9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.		2								5																									1	
C	9241.00	Noctuidae	<i>Acronicta fragilis</i> (Gn.)				1																															1	
C	9318.00	Noctuidae	<i>Alypia langtoni</i> Couper																																			2	
C	9359.00	Noctuidae	<i>Apamea commoda</i> (Wlk.)																																			1	
C	9367.10	Noctuidae	<i>Apamea cogitata</i> (Sm.)																																			2	
C	9437.00	Noctuidae	<i>Chortodes inquinata</i> (Gn.)										2																									2	
C	9440.00	Noctuidae	<i>Chortodes rufostrigata</i> (Pack.)																																			4	
C	9545.00	Noctuidae	<i>Euplexia benesimilis</i> McD.				1						1																									3	
C	9578.00	Noctuidae	<i>Hyppa xylinoides</i> (Gn.)																																			1	
C	9647.00	Noctuidae	<i>Athetis miranda</i> (Grt.)																																			1	
C	9681.00	Noctuidae	<i>Elaphria festivoides</i> (Gn.)																																			1	
C	9987.00	Noctuidae	<i>Mniotype ducta</i> (Grt.)																																			2	
C	10055.00	Noctuidae	<i>Aphareta dentata</i> (Grt.)										1																									6	
R	10159.00	Noctuidae	<i>Sympistis zetterstedti</i> (Stgr.)										1		1																							5	
C	10275.00	Noctuidae	<i>Polia nimboosa</i> (Gn.)		2		1						1																									1	
C	10276.00	Noctuidae	<i>Polia imbrifera</i> (Gn.)																																			1	
A	10277.00	Noctuidae	<i>Polia rogenhoferi</i> (Mosch.)		2		1																															8	
U	10281.30	Noctuidae	<i>Polia propodea</i> McCabe				5						4																									10	
C	10294.00	Noctuidae	<i>Melanchra pulverulenta</i> (Sm.)				1																															2	
C	10296.00	Noctuidae	<i>Lacanobia nevadensis</i> (Grt.)																																			1	
C	10298.00	Noctuidae	<i>Lacanobia radix</i> (Wlk.)				1						1																									3	
C	10308.00	Noctuidae	<i>Trichordestra liquida</i> (Grt.)					1					1																									2	
C	10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)		3		2					4																										36	
C	10332.11	Noctuidae	<i>Coranarta luteola</i> G. & R.																																				1
U	10362.10	Noctuidae	<i>Lasionycta taigata</i> Lafontaine										1																									5	
C	10372.00	Noctuidae	<i>Lacinipolia anguina</i> (Grt.)																																			1	
C	10405.00	Noctuidae	<i>Lacinipolia lorena</i> (Gn.)																																			1	
C	10436.00	Noctuidae	<i>Aletia oxygala</i> (Grt.)																																			1	
C	10449.00	Noctuidae	<i>Leucania insueta</i> Gn.																																				10
C	10644.00	Noctuidae	<i>Trichosilla mollis</i> Wlk.										1	5																								20	
C	10698.00	Noctuidae	<i>Trichosilla nigrita</i> (Graeser)		1		1					3			2																						5		
C	10702.00	Noctuidae	<i>Euxoa divergens</i> (Wlk.)																																			2	
C	10891.00	Noctuidae	<i>Ochropleura implecta</i> Lafontaine										1																								1		
C	10921.99	Noctuidae	<i>Diarsia</i> sp.		2		7					3	2																								3		
C	10947.00	Noctuidae	<i>Xestia oblata</i> (Morr.)										1																								1		
U	10957.00	Noctuidae	<i>Xestia atrata</i> (Morr.)																																			5	
C	10959.11	Noctuidae	<i>Xestia mixta</i> (Wlk.)																																			5	
C	10962.00	Noctuidae	<i>Xestia perquiritata</i> (Morr.)										1																								1		
C	10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)		3		8					2			3		1	15	5																	37			
C	10965.00	Noctuidae	<i>Xestia imperita</i> (Hon.)																																			6	
C	10992.00	Noctuidae	<i>Paradiarsia littoralis</i> (Pack.)											1																							2		
C	10999.00	Noctuidae	<i>Aplectoides condita</i> (Gn.)																																			2	
C	11008.00	Noctuidae	<i>Eueretagrotis perattentata</i> (Grt.)										1	1																								1	
Total				1	66	3	112	2	6	13	1	137	26	2	2	61	8	106	40	79	7	3	8	225	7	3	57	1	11	11	7	7	58	93	1	187	2	10	1368

*Note: Six unidentifiable Gelechiidae specimens have been excluded bringing the total specimen count from 1374 to 1368.

*Note: Six unidentifiable Gelechiidae specimens have been excluded bringing the total specimen count from 1374 to 1368.

Appendix 4. Complete data for specimens collected in Birch Mountains Wildland Provincial Park.

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
20.00	Hepialidae	<i>Sthenopis quadriguttatus</i> (Grt.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
80.00	Nepticulidae	<i>Ectoedemia weaveri</i> (Stainton)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
58.31	Nepticulidae	<i>Ectoedemia weaveri</i> (Stainton)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
58.31	Nepticulidae	<i>Ectoedemia weaveri</i> (Stainton)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
58.31	Nepticulidae	<i>Ectoedemia weaveri</i> (Stainton)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
58.31	Nepticulidae	<i>Ectoedemia weaveri</i> (Stainton)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
58.31	Nepticulidae	<i>Ectoedemia weaveri</i> (Stainton)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
218.00	Adelidae	<i>Elasmion bellela</i> (Walker)	Gardiner Lake, SW of camp beside sand beach	57.55561	112.50924	09-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
218.00	Adelidae	<i>Elasmion bellela</i> (Walker)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
218.00	Adelidae	<i>Elasmion bellela</i> (Walker)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
218.00	Adelidae	<i>Elasmion bellela</i> (Walker)	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
412.00	Tineidae	<i>Niditinea orleansella</i> (Chambers)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
415.00	Tineidae	<i>Monopis laevigella</i> (Denis & Schiffermüller)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
415.00	Tineidae	<i>Monopis laevigella</i> (Denis & Schiffermüller)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
415.00	Tineidae	<i>Monopis laevigella</i> (Denis & Schiffermüller)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
418.00	Tineidae	<i>Monopis monachella</i> (Hübner)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
421.00	Tineidae	<i>Monopis spilotella</i> Tengström	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
421.00	Tineidae	<i>Monopis spilotella</i> Tengström	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
421.00	Tineidae	<i>Monopis spilotella</i> Tengström	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
421.00	Tineidae	<i>Monopis spilotella</i> Tengström	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
421.00	Tineidae	<i>Monopis spilotella</i> Tengström	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
421.00	Tineidae	<i>Monopis spilotella</i> Tengström	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
560.00	Gracillarioidea	<i>Bucculatrix canadensisella</i> Chambers	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
1055.00	Oecophoridae	<i>Brymlia quadrimaculella</i> (Chambers)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
1089.00	Elachistidae	<i>Elachista adempta</i> Braun	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
1388.00	Coleophoridae	<i>Coleophora trifolii</i> (Curtis)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
1388.00	Coleophoridae	<i>Coleophora trifolii</i> (Curtis)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
1398.91	Coleophoridae	<i>Coleophora</i> sp. 1	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
1398.92	Coleophoridae	<i>Coleophora</i> sp. 2	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
1398.92	Coleophoridae	<i>Coleophora</i> sp. 2	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
1398.92	Coleophoridae	<i>Coleophora</i> sp. 2	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
1398.94	Coleophoridae	<i>Coleophora</i> sp. 4	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
1398.94	Coleophoridae	<i>Coleophora</i> sp. 4	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
1398.94	Coleophoridae	<i>Coleophora</i> sp. 4	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
1398.94	Coleophoridae	<i>Coleophora</i> sp. 4	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
1458.99	Coleophoridae	<i>Mompha</i> sp. 1	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
1496.00	Gelechiidae	<i>Cosmopterix fernaldella</i> Walsm.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
1826.00	Gelechiidae	<i>Coleotechnites piceaella</i> (Kearfott)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
1826.00	Gelechiidae	<i>Coleotechnites piceaella</i> (Kearfott)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
1826.00	Gelechiidae	<i>Coleotechnites piceaella</i> (Kearfott)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
1826.00	Gelechiidae	<i>Coleotechnites piceaella</i> (Kearfott)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
1898.00	Gelechiidae	<i>Lita sexpunctella</i> (Fabricius)	Gardiner Lake, bog N camp	57.58023	112.46735	04-Jun-04	Johnson, T.	hand net	spruce forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
2433.00	Yponomeutidae	<i>Argyresthia</i> prb. <i>abies</i> Free.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2449.00	Yponomeutidae	<i>Argyresthia conjugella</i> Zeller	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, N of camp	57.58688	112.46400	07-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58621	112.48004	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58621	112.48004	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58621	112.48004	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58621	112.48004	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
2533.00	Sesiidae	<i>Albuna pyramidalis</i> (Walker)	Big Island Lake, S near beaver pond	57.58649	112.45847	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
2676.00	Cossidae	<i>Acossus populi</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2676.00	Cossidae	<i>Acossus populi</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2706.00	Tortricidae	<i>Bactra furfurana</i> (Haworth)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
2707.00	Tortricidae	<i>Bactra verutana</i> Zell.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2753.00	Tortricidae	<i>Apotomis</i> prb. <i>capreana</i> (Hübner)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
2754.00	Tortricidae	<i>Apotomis paludicolana</i> (Brower)	Sand River	57.57950	112.44147	07-Jun-04	Hilchie G; Macaulay, D; Macaulay, S.H.	Malaise Trap	streamside meadow	adult
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2767.00	Tortricidae	<i>Apotomis infida</i> (Heinrich)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
2770.00	Tortricidae	<i>Orthotaenia undulana</i> (Denis & Schiffermüller)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
2770.00	Tortricidae	<i>Orthotaenia undulana</i> (Denis & Schiffermüller)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2770.00	Tortricidae	<i>Orthotaenia undulana</i> (Denis & Schiffermüller)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2834.00	Tortricidae	<i>Olethreutes sordidana</i> (McD.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
2839.00	Tortricidae	<i>Olethreutes metallicana</i> (Hübner)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2839.00	Tortricidae	<i>Olethreutes metallicana</i> (Hübner)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2839.00	Tortricidae	<i>Olethreutes metallicana</i> (Hübner)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2839.00	Tortricidae	<i>Olethreutes metallicana</i> (Hübner)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
2839.00	Tortricidae	<i>Olethreutes metallicana</i> (Hübner)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
2839.00	Tortricidae	<i>Olethreutes metallicana</i> (Hübner)	Gardiner Lake, beach	57.57923	112.46487	12-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	Malaise Trap	beach	adult
2839.00	Tortricidae	<i>Olethreutes metallicana</i> (Hübner)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
2847.00	Tortricidae	<i>Olethreutes glaciana</i> (Möschler)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow/willow/spruce	adult
2847.90	Tortricidae	<i>Olethreutes</i> nr not = <i>glaciana</i>	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
2848.00	Tortricidae	<i>Olethreutes bipartitana</i> (Clemens)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
2848.00	Tortricidae	<i>Olethreutes bipartitana</i> (Clemens)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
2848.00	Tortricidae	<i>Olethreutes bipartitana</i> (Clemens)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
2848.00	Tortricidae	<i>Olethreutes bipartitana</i> (Clemens)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
2848.00	Tortricidae	<i>Olethreutes bipartitana</i> (Clemens)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2848.00	Tortricidae	<i>Olethreutes bipartitana</i> (Clemens)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2848.90	Tortricidae	<i>Olethreutes</i> nr not = <i>bipartitana</i>	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
2854.00	Tortricidae	<i>Olethreutes bowmanana</i> (McDunnough)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
2858.99	Tortricidae	<i>Olethreutes</i> sp. 1	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
2900.00	Tortricidae	<i>Retinia burkeana</i> (Kearfott)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
2902.99	Tortricidae	<i>Retinia</i> sp.?	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3223.00	Tortricidae	<i>Gypsonoma fasciolana</i> (Clemens)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3223.00	Tortricidae	<i>Gypsonoma fasciolana</i> (Clemens)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
3223.00	Tortricidae	<i>Gypsonoma fasciolana</i> (Clemens)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3223.00	Tortricidae	<i>Gypsonoma fasciolana</i> (Clemens)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3229.00	Tortricidae	<i>Gypsonoma adjuncta</i> Heinrich	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3302.00	Tortricidae	<i>Epinotia rectiplicana</i> (Walsingham)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
3302.00	Tortricidae	<i>Epinotia rectiplicana</i> (Walsingham)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3302.00	Tortricidae	<i>Epinotia rectiplicana</i> (Walsingham)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3302.00	Tortricidae	<i>Epinotia rectiplicana</i> (Walsingham)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
3302.00	Tortricidae	<i>Epinotia rectiplicana</i> (Walsingham)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3302.00	Tortricidae	<i>Epinotia rectiplicana</i> (Walsingham)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3310.00	Tortricidae	<i>Epinotia</i> nr not = <i>transmissana</i> (Walker)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3312.00	Tortricidae	<i>Epinotia momonana</i> (Kearfott)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3312.00	Tortricidae	<i>Epinotia momonana</i> (Kearfott)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
3355.00	Tortricidae	<i>Ancylis subaequana</i> (Zeller)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3355.00	Tortricidae	<i>Ancylis subaequana</i> (Zeller)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
3355.00	Tortricidae	<i>Ancylis subaequana</i> (Zeller)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3355.00	Tortricidae	<i>Ancylis subaequana</i> (Zeller)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3379.00	Tortricidae	<i>Ancylis diminutana</i> (Haworth)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
3379.00	Tortricidae	<i>Ancylis diminutana</i> (Haworth)	Gardiner Lake, basecamp	57.58023	112.46735	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
3380.00	Tortricidae	<i>Ancylis goodelliana</i> (Fernald)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3382.00	Tortricidae	<i>Ancylis unguicella</i> (Linnaeus)	Gardiner Lake, bog N camp	57.58023	112.46735	04-Jun-04	Johnson, T.	hand net	spruce forest	adult
3382.00	Tortricidae	<i>Ancylis unguicella</i> (Linnaeus)	Gardiner Lake, bog N camp	57.58023	112.46735	04-Jun-04	Johnson, T.	hand net	spruce forest	adult
3382.00	Tortricidae	<i>Ancylis unguicella</i> (Linnaeus)	Gardiner Lake, bog N camp	57.58023	112.46735	04-Jun-04	Johnson, T.	hand net	spruce forest	adult
3382.00	Tortricidae	<i>Ancylis unguicella</i> (Linnaeus)	Gardiner Lake, basecamp	57.58023	112.46735	12-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	Malaise Trap	beach	adult
3382.00	Tortricidae	<i>Ancylis unguicella</i> (Linnaeus)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3382.00	Tortricidae	<i>Ancylis unguicella</i> (Linnaeus)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3382.00	Tortricidae	<i>Ancylis unguicella</i> (Linnaeus)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3386.00	Tortricidae	<i>Ancylis tineana</i> (Hübner)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3565.00	Tortricidae	<i>Eulia ministrana</i> (Linnaeus)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
3635.00	Tortricidae	<i>Choristoneura rosaceana</i> (Harris)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
3635.00	Tortricidae	<i>Choristoneura rosaceana</i> (Harris)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3635.00	Tortricidae	<i>Choristoneura rosaceana</i> (Harris)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
			Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3637.00	Tortricidae	<i>Choristoneura conflictana</i> (Walker)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
			Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3638.00	Tortricidae	<i>Choristoneura fumiferana</i> (Clemens)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3643.00	Tortricidae	<i>Choristoneura pinus</i> Freeman	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
3665.00	Tortricidae	<i>Archips alberta</i> (McDunnough)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
3665.00	Tortricidae	<i>Archips alberta</i> (McDunnough)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
3682.00	Tortricidae	<i>Clepsis persicana</i> (Fitch)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3682.00	Tortricidae	<i>Clepsis persicana</i> (Fitch)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3682.00	Tortricidae	<i>Clepsis persicana</i> (Fitch)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3686.00	Tortricidae	<i>Clepsis melaleucana</i> (Walker)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
3686.00	Tortricidae	<i>Clepsis melaleucana</i> (Walker)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
3686.00	Tortricidae	<i>Clepsis melaleucana</i> (Walker)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
3686.00	Tortricidae	<i>Clepsis melaleucana</i> (Walker)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
3686.00	Tortricidae	<i>Clepsis melaleucana</i> (Walker)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
3686.00	Tortricidae	<i>Clepsis melaleucana</i> (Walker)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
3686.00	Tortricidae	<i>Clepsis melaleucana</i> (Walker)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
3686.00	Tortricidae	<i>Clepsis melaleucana</i> (Walker)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
3688.00	Tortricidae	<i>Clepsis peritana</i> (Clemens)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
3706.00	Tortricidae	<i>Sparganothis xanthoides</i> (Walker)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
3910.00	Hesperiidae	<i>Thorybes pylades pylades</i> (Scudder)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
3910.00	Hesperiidae	<i>Thorybes pylades pylades</i> (Scudder)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
3910.00	Hesperiidae	<i>Thorybes pylades pylades</i> (Scudder)	Big Island Lake, S near beaver pond	57.58364	112.47174	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
3945.00	Hesperiidae	<i>Erynnis icelus</i> (Scudder & Burgess)	Big Island Lake, S on cutline	57.58364	112.47174	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	cutline in boreal forest	adult
3961.00	Hesperiidae	<i>Erynnis persius borealis</i> (Cary)	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
3961.00	Hesperiidae	<i>Erynnis persius borealis</i> (Cary)	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
3982.00	Hesperiidae	<i>Carterocephalus palaemon mandan</i> (Edw.)	Gardiner Lake, NW of camp on cutline	57.58621	112.48004	16-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
3982.00	Hesperiidae	<i>Carterocephalus palaemon mandan</i> (Edw.)	Big Island Lake, S on cutline	57.58622	112.48188	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
3982.00	Hesperiidae	<i>Carterocephalus palaemon mandan</i> (Edw.)	Gardiner Lake, pine forest	57.53334	112.48868	09-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	pine forest	adult
3982.00	Hesperiidae	<i>Carterocephalus palaemon mandan</i> (Edw.)	Gardiner Lake, pine forest	57.53334	112.48868	09-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	pine forest	adult
4176.00	Papilionidae	<i>Papilio canadensis</i> Rothschild & Jordon	Namur Lake, burnt pine (site 2)	57.40486	112.75252	12-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	spruce forest	adult
4176.00	Papilionidae	<i>Papilio canadensis</i> Rothschild & Jordon	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4176.00	Papilionidae	<i>Papilio canadensis</i> Rothschild & Jordon	Gardiner Lake, beach	57.57923	112.46487	12-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	beach	adult
4176.00	Papilionidae	<i>Papilio canadensis</i> Rothschild & Jordon	Gardiner Lake, beach	57.57923	112.46487	12-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	beach	adult
4176.00	Papilionidae	<i>Papilio canadensis</i> Rothschild & Jordon	Gardiner Lake, Island S of camp	57.57366	112.47955	12-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	pit traps	spruce forest	adult
4176.00	Papilionidae	<i>Papilio canadensis</i> Rothschild & Jordon	Sand River	57.57854	112.44321	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
4176.00	Papilionidae	<i>Papilio canadensis</i> Rothschild & Jordon	Big Island Lake, S on cutline	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4195.00	Pieridae	<i>Pieris oleracea oleracea</i> Harris	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4195.00	Pieridae	<i>Pieris oleracea oleracea</i> Harris	Gardiner Lake, beach	57.53587	112.48485	08-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	sand beach	adult
4195.00	Pieridae	<i>Pieris oleracea oleracea</i> Harris	Sand River	57.57950	112.44147	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
4195.00	Pieridae	<i>Pieris oleracea oleracea</i> Harris	Big Island Lake, S on cutline	57.58622	112.48188	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4195.00	Pieridae	<i>Pieris oleracea oleracea</i> Harris	Ells River outlet	57.47490	112.53216	11-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Gardiner Lake, bog N camp	57.58023	112.46735	08-Jul-04	Johnson, T.	hand net	spruce forest	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Birch Lake	57.58200	112.75100	18-Jul-04	Nordstrom, W.	hand net	spruce forest	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Gardiner Lake, NW of camp on cutline	57.58621	112.48804	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce forest	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Gardiner Lake, NW of camp on cutline	57.58621	112.48804	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce forest	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Big Island Lake, S near beaver pond	57.58364	112.47174	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4222.00	Pieridae	<i>Colias gigantea gigantea</i> Skr.	Big Island Lake, S near beaver pond	57.58364	112.47174	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4261.00	Lycaenidae	<i>Lycaena dorcas dorcas</i> W. Kirby	Birch Lake	57.58200	112.75100	18-Jul-04	Nordstrom, W.	hand net	?	adult
4261.00	Lycaenidae	<i>Lycaena dorcas dorcas</i> W. Kirby	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Namur Lake, Lodge	57.37505	112.76440	09-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Gardiner Lake, beach	57.53587	112.48485	08-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	sand beach	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S on cutline	57.58637	112.46850	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4322.00	Lycaenidae	<i>Callophrys augustinus augustinus</i> (Westwood)	Big Island Lake, S on trail	57.58364	112.47174	07-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4324.00	Lycaenidae	<i>Callophrys polia obscura</i> (Ferris)	Big Island Lake, S on trail	57.58364	112.47174	06-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Big Island Lake outlet @ Sand River	57.57752	112.45212	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Big Island Lake, S near beaver pond	57.58364	112.47174	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Gardiner Lake, N of camp	57.58688	112.46400	07-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4362.00	Lycaenidae	<i>Everes amyntula albrighti</i> Clench	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Johnson, T.	hand net	spruce bog	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Namur Lake, Lodge	57.37505	112.76440	09-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Namur Lake, Lodge	57.37505	112.76440	09-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	lakeshore woods	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Gardiner Lake, beach	57.53587	112.48485	08-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	sand beach	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Gardiner Lake, basecamp	57.58023	112.46735	13-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	lakeshore woods	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Gardiner Lake, basecamp	57.58023	112.46735	13-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	lakeshore woods	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Big Island Lake, S near beaver pond	57.58649	112.45847	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4363.00	Lycaenidae	<i>Celastrina landon lucia</i> (Kby.)	Big Island Lake, S on trail	57.58364	112.47174	07-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4372.00	Lycaenidae	<i>Glauopsyche lygdamus couperi</i> Grote	Big Island Lake outlet @ Sand River	57.57752	112.45212	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
4372.00	Lycaenidae	<i>Glauopsyche lygdamus couperi</i> Grote	Big Island Lake, S near beaver pond	57.58364	112.47174	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4372.00	Lycaenidae	<i>Glauopsyche lygdamus couperi</i> Grote	Big Island Lake, S near beaver pond	57.58364	112.47174	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4372.00	Lycaenidae	<i>Glauopsyche lygdamus couperi</i> Grote	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Johnson, T.	hand net	spruce bog	adult
4372.00	Lycaenidae	<i>Glauopsyche lygdamus couperi</i> Grote	Gardiner Lake, N of camp	57.58688	112.46400	07-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4376.00	Lycaenidae	<i>Plebejus saepiolus amica</i> (Edw.)	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4376.00	Lycaenidae	<i>Plebejus saepiolus amica</i> (Edw.)	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4376.00	Lycaenidae	<i>Plebejus saepiolus amica</i> (Edw.)	Big Island Lake outlet @ Sand River	57.57752	112.45212	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
4376.00	Lycaenidae	<i>Plebejus saepiolus amica</i> (Edw.)	Big Island Lake, S on cutline	57.58622	112.48188	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce forest	adult
4383.00	Lycaenidae	<i>Vacciniina optilete yukona</i> (Holland)	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4383.00	Lycaenidae	<i>Vacciniina optilete yukona</i> (Holland)	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4383.00	Lycaenidae	<i>Vacciniina optilete yukona</i> (Holland)	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4383.00	Lycaenidae	<i>Vacciniina optilete yukona</i> (Holland)	Big Island Lake, S on trail	57.58364	112.47174	07-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4383.00	Lycaenidae	<i>Vacciniina optilete yukona</i> (Holland)	Gardiner Lake, N of camp	57.58688	112.46400	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4422.00	Nymphalidae	<i>Polygonia satyrus</i> (Edw.)	Gardiner Lake, pine forest	57.53312	112..489750	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	pine forest	adult
4422.00	Nymphalidae	<i>Polygonia satyrus</i> (Edw.)	Gardiner Lake, basecamp	57.58023	112.46735	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	lakeshore woods	adult
4422.00	Nymphalidae	<i>Polygonia satyrus</i> (Edw.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	lakeshore woods	adult
4422.00	Nymphalidae	<i>Polygonia satyrus</i> (Edw.)	Gardiner Lake, basecamp	57.58023	112.46735	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	lakeshore woods	adult
4422.00	Nymphalidae	<i>Polygonia satyrus</i> (Edw.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	lakeshore woods	adult
4423.00	Nymphalidae	<i>Polygonia faunus hylas</i> (Edw.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4429.00	Nymphalidae	<i>Polygonia progne</i> (Cram.)	Big Island Lake, S on cutline	57.58364	112.47174	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4430.00	Nymphalidae	<i>Nymphalis vaualbum</i> (D. & S.)	Birch Lake	57.58200	112.75100	18-Jul-04	Nordstrom, W.	hand net	spruce forest	adult
4430.00	Nymphalidae	<i>Nymphalis vaualbum</i> (D. & S.)	Birch Lake	57.58200	112.75100	18-Jul-04	Nordstrom, W.	hand net	spruce forest	adult
4430.00	Nymphalidae	<i>Nymphalis vaualbum</i> (D. & S.)	Birch Lake	57.58200	112.75100	18-Jul-04	Nordstrom, W.	hand net	spruce forest	adult
4432.00	Nymphalidae	<i>Nymphalis antiopa</i> (L.)	Gardiner Lake, basecamp	57.58023	112.46735	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4432.00	Nymphalidae	<i>Nymphalis antiopa</i> (L.)	Big Island Lake, near beaverpond	57.58649	112.45847	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4432.00	Nymphalidae	<i>Nymphalis antiopa</i> (L.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4432.00	Nymphalidae	<i>Nymphalis antiopa</i> (L.)	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Gardiner Lake, pine forest	57.53312	112..489750	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	pine forest	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	shoreline with willow	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Gardiner Lake, N of camp	57.55621	112.51242	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Big Island Lake, S on trail	57.58622	112.48188	07-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Big Island Lake, S on trail	57.58622	112.48188	07-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Big Island Lake, S on trail	57.58622	112.48188	07-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Big Island Lake, S on trail	57.58622	112.48188	07-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Gardiner Lake, N of camp	57.58688	112.46400	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4463.00	Nymphalidae	<i>Boloria eunomia dawsoni</i> (B. & McD.)	Gardiner Lake, N of camp	57.58688	112.46400	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4465.00	Nymphalidae	<i>Boloria bellona bellona</i> (F.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4465.00	Nymphalidae	<i>Boloria bellona bellona</i> (F.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4465.00	Nymphalidae	<i>Boloria bellona bellona</i> (F.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4466.00	Nymphalidae	<i>Boloria frigga saga</i> (Staud.)	Big Island Lake, S on cutline	57.58622	112.48188	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce forest	adult
4466.00	Nymphalidae	<i>Boloria frigga saga</i> (Staud.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Gardiner Lake, basecamp	57.58023	112.46735	11-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	beach	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S in burnt bog	57.58637	112.46850	08-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	spruce bog	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S in burnt bog	57.58637	112.46850	12-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	spruce bog	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S on cutline	57.58364	112.47174	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S on cutline	57.58364	112.47174	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce bog	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jul-04	Hilchie G.; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4471.00	Nymphalidae	<i>Boloria freija freija</i> (Thunb.)	Gardiner Lake, N of camp	57.58688	112.46400	07-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Big Island Lake outlet @ Sand River	57.57752	112.45212	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Big Island Lake outlet @ Sand River	57.57752	112.45212	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Gardiner Lake, NW of camp on cutline	57.58621	112.48804	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce forest	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Big Island Lake, S near beaver pond	57.58649	112.45847	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Big Island Lake, S near beaver pond	57.58649	112.45847	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
4481.10	Nymphalidae	<i>Phyciodes cocyta</i> (Cram.)	Sand Lake, N along shore	57.57854	112.44321	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	beach	adult
4523.00	Nymphalidae	<i>Limenitis archippus</i> (Cram.)	Gardiner Lake, basecamp	57.58023	112.46735	10-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	beach	adult
4523.00	Nymphalidae	<i>Limenitis archippus</i> (Cram.)	Gardiner Lake, NW of camp on cutline	57.58621	112.48804	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce forest	adult
4523.00	Nymphalidae	<i>Limenitis archippus</i> (Cram.)	Sand River @ Big Island Creek	57.58838	112.45018	10-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
4596.00	Nymphalidae	<i>Erebia discoidalis discoidalis</i> (W. Kirby)	Gardiner Lake, beach	57.53587	112.48485	08-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	sand beach	adult
4596.00	Nymphalidae	<i>Erebia discoidalis discoidalis</i> (W. Kirby)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
4703.00	Crambidae	<i>Gesneria centuriella</i> (Denis & Schiffermüller)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
4703.00	Crambidae	<i>Gesneria centuriella</i> (Denis & Schiffermüller)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
4703.00	Crambidae	<i>Gesneria centuriella</i> (Denis & Schiffermüller)	Gardiner Lake, bog N camp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
4703.00	Crambidae	<i>Gesneria centuriella</i> (Denis & Schiffermüller)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
4703.00	Crambidae	<i>Gesneria centuriella</i> (Denis & Schiffermüller)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
4703.00	Crambidae	<i>Gesneria centuriella</i> (Denis & Schiffermüller)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
4716.00	Crambidae	<i>Scoparia biplagialis</i> Walker	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
4716.00	Crambidae	<i>Scoparia biplagialis</i> Walker	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
4716.00	Crambidae	<i>Scoparia biplagialis</i> Walker	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
4716.00	Crambidae	<i>Scoparia biplagialis</i> Walker	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
4897.00	Crambidae	<i>Evergestis pallidata</i> (Hufnagel)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
4897.00	Crambidae	<i>Evergestis pallidata</i> (Hufnagel)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
4953.00	Pyralidae	<i>Phlyctaenia coronata</i> (Hufn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
4953.00	Pyralidae	<i>Phlyctaenia coronata</i> (Hufn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
4953.00	Pyralidae	<i>Phlyctaenia coronata</i> (Hufn.)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
4958.00	Crambidae	<i>Anania funebris</i> (Ström)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
5058.00	Pyralidae	<i>Pyrausta orphisalis</i> Wlk.	Sand River	57.57950	112.44147	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	Malaise Trap	streamside meadow	adult
5060.00	Pyralidae	<i>Pyrausta borealis</i> Packard	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
5345.00	Crambidae	<i>Crambus whitmerellus</i> Klots	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
5345.00	Crambidae	<i>Crambus whitmerellus</i> Klots	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
5391.00	Tortricidae	<i>Chrysoteuchia topiaria</i> (Zeller)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
5391.00	Tortricidae	<i>Chrysoteuchia topiaria</i> (Zeller)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
5391.00	Tortricidae	<i>Chrysoteuchia topiaria</i> (Zeller)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
5391.00	Tortricidae	<i>Chrysoteuchia topiaria</i> (Zeller)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
5391.00	Tortricidae	<i>Chrysoteuchia topiaria</i> (Zeller)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
5391.00	Tortricidae	<i>Chrysoteuchia topiaria</i> (Zeller)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
5406.00	Crambidae	<i>Catoptria trichostoma</i> (Christoph)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
5406.00	Crambidae	<i>Catoptria trichostoma</i> (Christoph)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
5407.00	Crambidae	<i>Catoptria maculalis</i> (Zetterstedt)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
5407.00	Crambidae	<i>Catoptria maculalis</i> (Zetterstedt)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
5529.00	Pyralidae	<i>Herculia thymetusalis</i> (Walker)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
5529.00	Pyralidae	<i>Herculia thymetusalis</i> (Walker)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
5529.00	Pyralidae	<i>Herculia thymetusalis</i> (Walker)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
5529.00	Pyralidae	<i>Herculia thymetusalis</i> (Walker)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
5718.00	Pyralidae	<i>Myelopsis subtetricella</i> (Ragonot)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
5787.00	Pyralidae	<i>Meropatra pravella</i> (Grote)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
5787.00	Pyralidae	<i>Meropatra pravella</i> (Grt.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
5999.00	Pyralidae	<i>Eulogia ochrifrontella</i> (Zeller)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
6075.98	Pyralidae	Phycitinae sp. A	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
6075.98	Pyralidae	Phycitinae sp. A	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
6075.99	Pyralidae	Phycitinae sp. B	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6075.99	Pyralidae	Phycitinae sp. B	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6075.99	Pyralidae	Phycitinae sp. B	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6075.99	Pyralidae	Phycitinae sp. B	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6075.99	Pyralidae	Phycitinae sp. B	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6075.99	Pyralidae	Phycitinae sp. B	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6075.99	Pyralidae	Phycitinae sp. B	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6075.99	Pyralidae	Phycitinae sp. B	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6075.99	Pyralidae	Phycitinae sp. B	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	meadow/willow/spruce	adult
6094.00	Pterophoridae	<i>Capperia ningoris</i> (Wlsm.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
6107.00	Pterophoridae	<i>Gillmeria pallidactyla</i> (Haw.)	Sand River @ Big Island Creek	57.57854	112.44321	07-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
6107.00	Pterophoridae	<i>Gillmeria pallidactyla</i> (Haw.)	Sand River @ Big Island Creek	57.57854	112.44321	07-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6235.00	Thyatiridae	<i>Habrosyne scripta</i> (Gosse)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
			Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	pit traps	spruce bog	adult
6237.00	Thyatiridae	<i>Pseudothyatira cymatophoroides</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6251.00	Drepanidae	<i>Drepana arcuata</i> Wlk.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6251.00	Drepanidae	<i>Drepana arcuata</i> Wlk.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6252.00	Drepanidae	<i>Drepana bilineata</i> (Pack)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6252.00	Drepanidae	<i>Drepana bilineata</i> (Pack)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6252.00	Drepanidae	<i>Drepana bilineata</i> (Pack)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6252.00	Drepanidae	<i>Drepana bilineata</i> (Pack)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6252.00	Drepanidae	<i>Drepana bilineata</i> (Pack)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6252.00	Drepanidae	<i>Drepana bilineata</i> (Pack)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6252.00	Drepanidae	<i>Drepana bilineata</i> (Pack)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
6255.00	Drepanidae	<i>Oreta rosea</i> (Wlk.)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
6255.00	Drepanidae	<i>Oreta rosea</i> (Wlk.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6255.00	Drepanidae	<i>Oreta rosea</i> (Wlk.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
6280.00	Geometridae	<i>Macaria andersoni</i> (Swett)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6286.00	Geometridae	<i>Macaria brunneata</i> (Thunb.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6321.00	Geometridae	<i>Macaria truncataria</i> (Wlk.)	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
6321.00	Geometridae	<i>Macaria truncataria</i> (Wlk.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	lakeshore woods	adult
6321.00	Geometridae	<i>Macaria truncataria</i> (Wlk.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	lakeshore woods	adult
6321.00	Geometridae	<i>Macaria truncataria</i> (Wlk.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6326.00	Geometridae	<i>Macaria aemulataria</i> (Wlk.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6344.00	Geometridae	<i>Macaria signaria</i> (Hbn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6344.00	Geometridae	<i>Macaria signaria</i> (Hbn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6344.00	Geometridae	<i>Macaria signaria</i> (Hbn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6344.00	Geometridae	<i>Macaria signaria</i> (Hbn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6344.00	Geometridae	<i>Macaria signaria</i> (Hbn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6344.00	Geometridae	<i>Macaria signaria</i> (Hbn.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6350.00	Geometridae	<i>Macaria submarmorata</i> (Wlk.)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	shoreline with willow	adult
6350.00	Geometridae	<i>Macaria submarmorata</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6350.00	Geometridae	<i>Macaria submarmorata</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6350.00	Geometridae	<i>Macaria submarmorata</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6350.00	Geometridae	<i>Macaria submarmorata</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6350.00	Geometridae	<i>Macaria submarmorata</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6350.00	Geometridae	<i>Macaria submarmorata</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	shoreline with willow	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	shoreline with willow	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6394.00	Geometridae	<i>Digrammia rippertaria</i> (Duponchel)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.555714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6598.00	Geometridae	<i>Protoboarmia porcelaria</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6639.00	Geometridae	<i>Eufidonia discospilata</i> (Wlk.)	Big Island Lake, S of portage trail	57.58364	112.47174	04-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	lakeshore woods	adult
6639.00	Geometridae	<i>Eufidonia discospilata</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Sand River	57.57950	112.44147	07-Jul-04	Hilchie G.; Macaulay, D; Macaulay, S.H.	Malaise Trap	streamside meadow	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Sand River	57.57950	112.44147	11-Jul-04	Hilchie G.; Macaulay, D; Macaulay, S.H.	Malaise Trap	streamside meadow	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6677.00	Geometridae	<i>Cabera erythemaria</i> Gn.	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6678.00	Geometridae	<i>Cabera variolaria</i> Gn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6678.00	Geometridae	<i>Cabera variolaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
6678.00	Geometridae	<i>Cabera variolaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
6678.00	Geometridae	<i>Cabera variolaria</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
6678.00	Geometridae	<i>Cabera variolaria</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6719.00	Geometridae	<i>Aspitates taylorae</i> (Butl.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6719.00	Geometridae	<i>Aspitates taylorae</i> (Butl.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6719.00	Geometridae	<i>Aspitates taylorae</i> (Butl.)	Big Island Lake, S on trail	57.58637	112.46850	07-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
6719.00	Geometridae	<i>Aspitates taylorae</i> (Butl.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6719.00	Geometridae	<i>Aspitates taylorae</i> (Butl.)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
6731.00	Geometridae	<i>Euchlaena madusaria</i> (Wlk.)	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
6731.00	Geometridae	<i>Euchlaena madusaria</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6731.00	Geometridae	<i>Euchlaena madusaria</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6755.00	Geometridae	<i>Pero Morrisonaria</i> (Hy. Edw.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6755.00	Geometridae	<i>Pero Morrisonaria</i> (Hy. Edw.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6755.00	Geometridae	<i>Pero Morrisonaria</i> (Hy. Edw.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
6755.00	Geometridae	<i>Pero Morrisonaria</i> (Hy. Edw.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
6796.00	Geometridae	<i>Campaea perlata</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6796.00	Geometridae	<i>Campaea perlata</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
6796.00	Geometridae	<i>Campaea perlata</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6796.00	Geometridae	<i>Campaea perlata</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6796.00	Geometridae	<i>Campaea perlata</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6796.00	Geometridae	<i>Campaea perlata</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6796.00	Geometridae	<i>Campaea perlata</i> (Gn.)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6819.00	Geometridae	<i>Metanema inatomaria</i> Gn.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6820.00	Geometridae	<i>Metanema determinata</i> Wlk.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6820.00	Geometridae	<i>Metanema determinata</i> Wlk.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6820.00	Geometridae	<i>Metanema determinata</i> Wlk.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6820.00	Geometridae	<i>Metanema determinata</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6820.00	Geometridae	<i>Metanema determinata</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
6820.00	Geometridae	<i>Metanema determinata</i> Wlk.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
6820.00	Geometridae	<i>Metanema determinata</i> Wlk.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
6820.00	Geometridae	<i>Metanema determinata</i> Wlk.	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
6836.00	Geometridae	<i>Plagodis pulveraria</i> (L.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6842.00	Geometridae	<i>Plagodis phlogosaria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6842.00	Geometridae	<i>Plagodis phlogosaria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6844.00	Geometridae	<i>Plagodis alcoolaria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6863.00	Geometridae	<i>Caripeta divisata</i> Wlk.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6863.00	Geometridae	<i>Caripeta divisata</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6863.00	Geometridae	<i>Caripeta divisata</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
6885.00	Geometridae	<i>Besma quercivoraria</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
6885.00	Geometridae	<i>Besma quercivoraria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
6885.00	Geometridae	<i>Besma quercivoraria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6885.00	Geometridae	<i>Besma quercivoraria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6885.00	Geometridae	<i>Besma quercivoraria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6885.00	Geometridae	<i>Besma quercivoraria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
6885.00	Geometridae	<i>Besma quercivoraria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
7085.00	Geometridae	<i>Mesothaea incertata</i> (Wlk.)	Big Island Lake, S on cutline	57.58364	112.47174	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	cutline in boreal forest	adult
7085.00	Geometridae	<i>Mesothaea incertata</i> (Wlk.)	Big Island Lake, S on cutline	57.58364	112.47174	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	cutline in boreal forest	adult
7085.00	Geometridae	<i>Mesothaea incertata</i> (Wlk.)	Big Island Lake, S on cutline	57.58364	112.47174	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	cutline in boreal forest	adult
7139.00	Geometridae	<i>Cyclophora pendulinaria</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7139.00	Geometridae	<i>Cyclophora pendulinaria</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
7139.00	Geometridae	<i>Cyclophora pendulinaria</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7139.00	Geometridae	<i>Cyclophora pendulinaria</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7139.00	Geometridae	<i>Cyclophora pendulinaria</i> (Gn.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7139.00	Geometridae	<i>Cyclophora pendulinaria</i> (Gn.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Big Island Lake, S on cutline	57.58622	112.48188	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
7166.00	Geometridae	<i>Scopula frigidaria</i> (Mösch.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
7237.00	Geometridae	<i>Hydriomena transfigurata</i> Swett	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7237.00	Geometridae	<i>Hydriomena transfigurata</i> Swett	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
7294.00	Geometridae	<i>Rheumaptera subhastata</i> (Nolcken)	Gardiner Lake, pine forest	57.53312	112..489750	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	pine forest	adult
7294.00	Geometridae	<i>Rheumaptera subhastata</i> (Nolcken)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7294.00	Geometridae	<i>Rheumaptera subhastata</i> (Nolcken)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	pine forest	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Sand River	57.57854	112.44321	08-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
7313.00	Geometridae	<i>Spargania luctuata</i> (D. & S.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
7369.00	Geometridae	<i>Xanthorhoe packardata</i> McD.	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
7370.00	Geometridae	<i>Xanthorhoe abrasaria</i> (H.-S.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7370.00	Geometridae	<i>Xanthorhoe abrasaria</i> (H.-S.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7370.00	Geometridae	<i>Xanthorhoe abrasaria</i> (H.-S.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7370.00	Geometridae	<i>Xanthorhoe abrasaria</i> (H.-S.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7370.00	Geometridae	<i>Xanthorhoe abrasaria</i> (H.-S.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7370.00	Geometridae	<i>Xanthorhoe abrasaria</i> (H.-S.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7370.00	Geometridae	<i>Xanthorhoe abrasaria</i> (H.-S.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
7370.00	Geometridae	<i>Xanthorhoe abrasaria</i> (H.-S.)	Gardiner Lake, streamsides	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	meadow/willow/spruce	adult
7380.00	Geometridae	<i>Xanthorhoe fossaria</i> Tayl.	Gardiner Lake, streamsides	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
7384.00	Geometridae	<i>Xanthorhoe decoloraria</i> (Esper)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
7384.00	Geometridae	<i>Xanthorhoe decoloraria</i> (Esper)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7384.00	Geometridae	<i>Xanthorhoe decoloraria</i> (Esper)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
7390.00	Geometridae	<i>Xanthorhoe lacustrata</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Big Island Lake outlet @ Sand River	57.57752	112.45212	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Sand River	57.57950	112.44147	11-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	Malaise Trap	streamside meadow	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7399.00	Geometridae	<i>Euphyia intermediata</i> (Gn.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
7425.00	Geometridae	<i>Venusia cambrica</i> Curt.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7430.00	Geometridae	<i>Trichodezia albovittata</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	09-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	pine forest	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7605.99	Geometridae	<i>Eupithecia</i> sp.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7640.00	Geometridae	<i>Lobophora nivigerata</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7643.00	Geometridae	<i>Lobophora magnoliataoidata</i> (Dyar)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7698.00	Lasiocampidae	<i>Malacosoma disstria</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7698.00	Lasiocampidae	<i>Malacosoma disstria</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7698.00	Lasiocampidae	<i>Malacosoma disstria</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7698.00	Lasiocampidae	<i>Malacosoma disstria</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7698.00	Lasiocampidae	<i>Malacosoma disstria</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7698.00	Lasiocampidae	<i>Malacosoma disstria</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7698.00	Lasiocampidae	<i>Malacosoma disstria</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7698.00	Lasiocampidae	<i>Malacosoma disstria</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7810.00	Sphingidae	<i>Sphinx poecila</i> Stephens	Namur Lake, burnt pine (site 2)	57.40486	112.75252	15-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	pit traps	pine forest	adult
7810.00	Sphingidae	<i>Sphinx poecila</i> Stephens	Namur Lake, burnt pine (site 2)	57.40486	112.75252	15-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	pit traps	pine forest	adult
7810.00	Sphingidae	<i>Sphinx poecila</i> Stephens	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
7810.00	Sphingidae	<i>Sphinx poecila</i> Stephens	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7810.00	Sphingidae	<i>Sphinx poecila</i> Stephens	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7810.00	Sphingidae	<i>Sphinx poecila</i> Stephens	Big Island Lake, S near beaver pond	57.58364	112.47174	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7810.00	Sphingidae	<i>Sphinx poecila</i> Stephens	Big Island Lake, S near beaver pond	57.58364	112.47174	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7821.00	Sphingidae	<i>Smerinthus jamaicensis</i> (Drury)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7821.00	Sphingidae	<i>Smerinthus jamaicensis</i> (Drury)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7821.00	Sphingidae	<i>Smerinthus jamaicensis</i> (Drury)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7821.00	Sphingidae	<i>Smerinthus jamaicensis</i> (Drury)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7821.00	Sphingidae	<i>Smerinthus jamaicensis</i> (Drury)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7821.00	Sphingidae	<i>Smerinthus jamaicensis</i> (Drury)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7821.00	Sphingidae	<i>Smerinthus jamaicensis</i> (Drury)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7822.00	Sphingidae	<i>Smerinthus cerisyi</i> Kby.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
7822.00	Sphingidae	<i>Smerinthus cerisyi</i> Kby.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7822.00	Sphingidae	<i>Smerinthus cerisyi</i> Kby.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7822.00	Sphingidae	<i>Smerinthus cerisyi</i> Kby.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7822.00	Sphingidae	<i>Smerinthus cerisyi</i> Kby.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7853.00	Sphingidae	<i>Hemaris thysbe</i> (F.)	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	aspen forest	adult
7853.00	Sphingidae	<i>Hemaris thysbe</i> (F.)	Gardiner Lake, NW of camp on cutline	57.58621	112.48804	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce forest	adult
7853.00	Sphingidae	<i>Hemaris thysbe</i> (F.)	Big Island Lake, S @ beaverpond	57.58622	112.48188	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
7853.00	Sphingidae	<i>Hemaris thysbe</i> (F.)	Big Island Lake, S @ beaverpond	57.58622	112.48188	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
7877.00	Sphingidae	<i>Proserpinus flavofasciata</i> (Wlk.)	Namur Lake, burnt pine (site 1)	57.40219	112.75073	11-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	sphagnum bog	adult
7895.00	Notodontidae	<i>Closteria albosigma</i> (Edw.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7896.00	Notodontidae	<i>Closteria albosigma</i> (Edw.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
7900.00	Notodontidae	<i>Closteria brucei</i> (Edw.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
7900.00	Notodontidae	<i>Closteria brucei</i> (Edw.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7900.00	Notodontidae	<i>Closteria brucei</i> (Edw.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7900.00	Notodontidae	<i>Closteria brucei</i> (Edw.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7901.00	Notodontidae	<i>Closteria apicalis</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7922.00	Notodontidae	<i>Pheosia rimosa</i> Pack.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7926.00	Notodontidae	<i>Notodonta scitipennis</i> Wlk.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
7926.00	Notodontidae	<i>Notodonta scitipennis</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
7927.00	Notodontidae	<i>Notodonta scitipennis</i> Wlk.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
7928.00	Notodontidae	<i>Notodonta scitipennis</i> Wlk.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
7931.00	Notodontidae	<i>Glaphisia septentrionis</i> Wlk.	Sand River @ Big Island Creek	57.57854	112.44321	11-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
7931.00	Notodontidae	<i>Glaphisia septentrionis</i> Wlk.	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
7939.00	Notodontidae	<i>Furcula occidentalis</i> (Lint.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
7939.00	Notodontidae	<i>Furcula occidentalis</i> (Lint.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
7941.00	Notodontidae	<i>Furcula modesta</i> (Hudson)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8007.00	Notodontidae	<i>Schizura unicornis</i> (Sm.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
8043.00	Arctiidae	<i>Eilema bicolor</i> (Grt.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
8043.00	Arctiidae	<i>Eilema bicolor</i> (Grt.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
8043.00	Arctiidae	<i>Eilema bicolor</i> (Grt.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8098.00	Arctiidae	<i>Clemensia albata</i> Pack.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
8121.00	Arctiidae	<i>Holomelina aurantiaca</i> (Hbn.)	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8121.00	Arctiidae	<i>Holomelina aurantiaca</i> (Hbn.)	Gardiner Lake, basecamp	57.58023	112.46735	20-Jul-04	Johnson, T.	hand net	spruce forest	adult
8121.00	Arctiidae	<i>Holomelina aurantiaca</i> (Hbn.)	Gardiner Lake, basecamp	57.58023	112.46735	20-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8121.00	Arctiidae	<i>Holomelina aurantiaca</i> (Hbn.)	Gardiner Lake, basecamp	57.58023	112.46735	20-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8121.00	Arctiidae	<i>Holomelina aurantiaca</i> (Hbn.)	Gardiner Lake, basecamp	57.58023	112.46735	20-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8121.00	Arctiidae	<i>Holomelina aurantiaca</i> (Hbn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
8121.00	Arctiidae	<i>Holomelina aurantiaca</i> (Hbn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
8121.00	Arctiidae	<i>Holomelina aurantiaca</i> (Hbn.)	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Big Island Lake outlet @ Sand River	57.57752	112.45212	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	streamside meadow	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Birch Lake	57.58200	112.75100	18-Jul-04	Nordstrom, W.	hand net	spruce forest	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Birch Lake	57.58200	112.75100	18-Jul-04	Nordstrom, W.	hand net	spruce forest	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Big Island Lake, S on cutline	57.58637	112.46850	11-Jul-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Big Island Lake, S on trail	57.58637	112.46850	07-Jul-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Big Island Lake, S on trail	57.58364	112.47174	06-Jul-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	07-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8123.00	Arctiidae	<i>Holomelina ferruginosa</i> (Wlk.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8127.00	Arctiidae	<i>Parasemia plantaginis</i> (L.)	Gardiner Lake, NW of camp on cutline	57.58241	112.53213	16-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
8127.00	Arctiidae	<i>Parasemia plantaginis</i> (L.)	Gardiner Lake, NW of camp on cutline	57.58621	112.48804	11-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce forest	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	spruce forest	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Mikkaw River	57.51800	113.23500	17-Jul-04	Nordstrom, W.	hand net	streamside meadow	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Big Island Lake, S @ beaverpond	57.58622	112.48188	08-Jul-04	Hilchie G.; Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8162.00	Arctiidae	<i>Platarctia parthenos</i> (Harr.)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
8175.10	Arctiidae	<i>Grammia speciosa</i> (Mosch)	Gardiner Lake, N of camp	57.55621	112.51242	09-Jul-04	Hilchie G.; Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8176.10	Arctiidae	<i>Grammia speciosa</i> (Mosch)	Sand River	57.57854	112.44321	08-Jul-04	Hilchie G.; Macaulay, D; Macaulay, S.H.	pit traps	streamside meadow	adult
8186.00	Arctiidae	<i>Grammia williamsii</i> (Dodge)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
8186.00	Arctiidae	<i>Grammia williamsii</i> (Dodge)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
8214.00	Arctiidae	<i>Lophocampa maculata</i> Harr.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8214.00	Arctiidae	<i>Lophocampa maculata</i> Harr.	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8214.00	Arctiidae	<i>Lophocampa maculata</i> Harr.	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8306.00	Lymantriidae	<i>Dasychira griseifacta</i> (Dyar)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8306.00	Lymantriidae	<i>Dasychira griseifacta</i> (Dyar)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
8306.00	Lymantriidae	<i>Dasychira griseifacta</i> (Dyar)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, S @ leatherleaf bog	57.56441	112.51784	15-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, N of camp	57.58688	112.46400	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
8322.00	Noctuidae	<i>Idia americalis</i> (Gn.)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow/willow/spruce	adult
8323.00	Geometridae	<i>Idia aemula</i> Hbn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8338.00	Noctuidae	<i>Phalaenophana pyramusalis</i> (Vlk.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8338.00	Noctuidae	<i>Phalaenophana pyramusalis</i> (Vlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
8338.00	Noctuidae	<i>Phalaenophana pyramusalis</i> (Vlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8338.00	Noctuidae	<i>Phalaenophana pyramusalis</i> (Vlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
8354.00	Noctuidae	<i>Zanclognatha latalba</i> (Sm.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8356.00	Noctuidae	<i>Chytolita petrealis</i> Grt.	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
8362.00	Noctuidae	<i>Phalaenostola metonalis</i> (Wlk.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8362.00	Noctuidae	<i>Phalaenostola metonalis</i> (Wlk.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
8362.00	Noctuidae	<i>Phalaenostola metonalis</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8362.00	Noctuidae	<i>Phalaenostola metonalis</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8362.00	Noctuidae	<i>Phalaenostola metonalis</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8397.00	Noctuidae	<i>Palthis angulalis</i> (Hbn.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
8421.00	Noctuidae	<i>Hypenodes fractilinea</i>	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
8421.00	Noctuidae	<i>Hypenodes fractilinea</i>	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
8450.00	Noctuidae	<i>Hypena atomaria</i> (Smith)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
8555.00	Noctuidae	<i>Scoliopteryx libatrix</i> (L.)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	14-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
8697.00	Noctuidae	<i>Zale minerea</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
8731.00	Noctuidae	<i>Euclidia cuspidea</i> (Hbn.)	Big Island Lake, near beaverpond	57.58649	112.45847	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
8731.00	Noctuidae	<i>Euclidia cuspidea</i> (Hbn.)	Big Island Lake, near beaverpond	57.58649	112.45847	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
8731.00	Noctuidae	<i>Euclidia cuspidea</i> (Hbn.)	Big Island Lake, S of aspen / birch	57.58901	112.47363	15-Jun-04	Johnson, T.	yellow pan trap	open bog	adult
8731.00	Noctuidae	<i>Euclidia cuspidea</i> (Hbn.)	Big Island Lake, S of aspen / birch	57.58901	112.47363	15-Jun-04	Johnson, T.	yellow pan trap	open bog	adult
8731.00	Noctuidae	<i>Euclidia cuspidea</i> (Hbn.)	Big Island Lake, S on cutline	57.58364	112.47174	14-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	cutline in boreal forest	adult
8731.00	Noctuidae	<i>Euclidia cuspidea</i> (Hbn.)	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8881.00	Noctuidae	<i>Abrostola urentis</i> Gn.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
8881.00	Noctuidae	<i>Abrostola urentis</i> Gn.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
8881.00	Noctuidae	<i>Abrostola urentis</i> Gn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8881.00	Noctuidae	<i>Abrostola urentis</i> Gn.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8912.00	Noctuidae	<i>Autographa mappa</i> (G. & R.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
8912.00	Noctuidae	<i>Autographa mappa</i> (G. & R.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
8935.00	Noctuidae	<i>Syngrapha diasema</i> (Bdv.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
8935.00	Noctuidae	<i>Syngrapha diasema</i> (Bdv.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
8935.00	Noctuidae	<i>Syngrapha diasema</i> (Bdv.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
8935.00	Noctuidae	<i>Syngrapha diasema</i> (Bdv.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
8935.00	Noctuidae	<i>Syngrapha diasema</i> (Bdv.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
8949.00	Noctuidae	<i>Syngrapha ignea</i> (Grt.)	Namur Lake, burnt pine (site 2)	57.40486	112.75252	15-Jul-04	Hilchie G; Johnson, T.	pit traps	pine forest	adult
8949.00	Noctuidae	<i>Syngrapha ignea</i> (Grt.)	Namur Lake, burnt pine (site 2)	57.40486	112.75252	15-Jul-04	Hilchie G; Johnson, T.	pit traps	pine forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
8949.00	Noctuidae	<i>Syngrapha ignea</i> (Grt.)	Namur Lake, burnt pine (site 2)	57.40486	112.75252	15-Jul-04	Hilchie G; Johnson, T.	pit traps	pine forest	adult
8949.00	Noctuidae	<i>Syngrapha ignea</i> (Grt.)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8949.00	Noctuidae	<i>Syngrapha ignea</i> (Grt.)	Gardiner Lake, N of camp	57.58688	112.46400	10-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
8953.00	Noctuidae	<i>Plusia venusta</i> Wlk.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
8953.00	Noctuidae	<i>Plusia venusta</i> Wlk.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
9048.00	Noctuidae	<i>Lithacodia albidula</i> (Guenee)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
9177.00	Noctuidae	<i>Panthea acronyctoides</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
9183.00	Noctuidae	<i>Panthea pallescens</i> McD.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
9207.00	Noctuidae	<i>Acronicta innotata</i> Gn.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
9207.00	Noctuidae	<i>Acronicta innotata</i> Gn.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
9207.00	Noctuidae	<i>Acronicta innotata</i> Gn.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
9207.00	Noctuidae	<i>Acronicta innotata</i> Gn.	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
9212.00	Noctuidae	<i>Acronicta grisea</i> Wlk.	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
9241.00	Noctuidae	<i>Acronicta fragilis</i> (Gn.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
9241.00	Noctuidae	<i>Acronicta fragilis</i> (Gn.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
9241.00	Noctuidae	<i>Acronicta fragilis</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
9318.00	Noctuidae	<i>Alypia langtoni</i> Couper	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
9318.00	Noctuidae	<i>Alypia langtoni</i> Couper	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	08-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	slope by beaverpond	adult
9359.00	Noctuidae	<i>Apamea commoda</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9367.10	Noctuidae	<i>Apamea cogitata</i> (Sm.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9367.10	Noctuidae	<i>Apamea cogitata</i> (Sm.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
9437.00	Noctuidae	<i>Chortodes inquinata</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
9437.00	Noctuidae	<i>Chortodes inquinata</i> (Gn.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
9440.00	Noctuidae	<i>Chortodes rufostrigata</i> (Pack.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9440.00	Noctuidae	<i>Chortodes rufostrigata</i> (Pack.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9440.00	Noctuidae	<i>Chortodes rufostrigata</i> (Pack.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9440.00	Noctuidae	<i>Chortodes rufostrigata</i> (Pack.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
9545.00	Noctuidae	<i>Euplexia benesimilis</i> McD.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
9545.00	Noctuidae	<i>Euplexia benesimilis</i> McD.	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
9545.00	Noctuidae	<i>Euplexia benesimilis</i> McD.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
9545.00	Noctuidae	<i>Euplexia benesimilis</i> McD.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
9545.00	Noctuidae	<i>Euplexia benesimilis</i> McD.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
9545.00	Noctuidae	<i>Euplexia benesimilis</i> McD.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
9578.00	Noctuidae	<i>Hyppa xylinoides</i> (Gn.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
9578.00	Noctuidae	<i>Hyppa xylinoides</i> (Gn.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
9647.00	Noctuidae	<i>Athetis miranda</i> (Grt.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
9681.00	Noctuidae	<i>Elaphria festivoides</i> (Gn.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
9987.00	Noctuidae	<i>Mniotype ducta</i> (Grt.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
9987.00	Noctuidae	<i>Mniotype ducta</i> (Grt.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10055.00	Noctuidae	<i>Aphareta dentata</i> (Grt.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
10055.00	Noctuidae	<i>Aphareta dentata</i> (Grt.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10055.00	Noctuidae	<i>Aphareta dentata</i> (Grt.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10055.00	Noctuidae	<i>Aphareta dentata</i> (Grt.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10055.00	Noctuidae	<i>Aphareta dentata</i> (Grt.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10055.00	Noctuidae	<i>Aphareta dentata</i> (Grt.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10159.00	Noctuidae	<i>Sympistis zetterstedti</i> (Stgr.)	Gardiner Lake, SW of camp beside sand beach	57.55561	112.50924	09-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
10159.00	Noctuidae	<i>Sympistis zetterstedti</i> (Stgr.)	Gardiner Lake, NW of camp on cutline	57.58241	112.53213	16-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
10159.00	Noctuidae	<i>Sympistis zetterstedti</i> (Stgr.)	Gardiner Lake, NW of camp on cutline	57.58241	112.53213	16-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	cutline in boreal forest	adult
10159.00	Noctuidae	<i>Sympistis zetterstedti</i> (Stgr.)	Gardiner Lake, NW of camp off cutline @ pond	57.58616	112.52941	16-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	spruce bog	adult
10159.00	Noctuidae	<i>Sympistis zetterstedti</i> (Stgr.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	hand net	pine forest near bog	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
10281.30	Noctuidae	<i>Polia propodea</i> McCabe	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10281.30	Noctuidae	<i>Polia propodea</i> McCabe	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10281.30	Noctuidae	<i>Polia propodea</i> McCabe	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10281.30	Noctuidae	<i>Polia propodea</i> McCabe	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10281.30	Noctuidae	<i>Polia propodea</i> McCabe	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10294.00	Noctuidae	<i>Melananchra pulverulenta</i> (Sm.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10294.00	Noctuidae	<i>Melananchra pulverulenta</i> (Sm.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10296.00	Noctuidae	<i>Lacanobia nevadaea</i> (Grt.)	Gardiner Lake, Island S of camp	57.57366	112.47955	06-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce forest	adult
10298.00	Noctuidae	<i>Lacanobia radix</i> (Wlk.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10298.00	Noctuidae	<i>Lacanobia radix</i> (Wlk.)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10298.00	Noctuidae	<i>Lacanobia radix</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10298.00	Noctuidae	<i>Lacanobia radix</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10298.00	Noctuidae	<i>Lacanobia radix</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10298.00	Noctuidae	<i>Lacanobia radix</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10308.00	Noctuidae	<i>Trichordestra liquida</i> (Grt.)	Namur Lake, burnt pine (site 1)	57.40219	112.75073	11-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	pit traps	sphagnum bog	adult
10308.00	Noctuidae	<i>Trichordestra liquida</i> (Grt.)	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	14-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	birch forest	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10315.00	Noctuidae	<i>Lasionycta secedens</i> (Wlk.)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow/willow/spruce	adult
10332.11	Noctuidae	<i>Coranarta luteola</i> G. & R.	Sand Lake, east end	57.67003	112.29417	10-Jun-04	Hilchie G.; Hilchie J.; Homberg, R.	hand net	beach	adult
10362.10	Noctuidae	<i>Lasionycta taigata</i> Lafontaine	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10362.10	Noctuidae	<i>Lasionycta taigata</i> Lafontaine	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10362.10	Noctuidae	<i>Lasionycta taigata</i> Lafontaine	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10362.10	Noctuidae	<i>Lasionycta taigata</i> Lafontaine	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10362.10	Noctuidae	<i>Lasionycta taigata</i> Lafontaine	Gardiner Lake, N of camp	57.58688	112.46400	08-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10372.00	Noctuidae	<i>Lacinipolia anguina</i> (Grt.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10405.00	Noctuidae	<i>Lacinipolia lorea</i> (Gn.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10436.00	Noctuidae	<i>Aletia oxygala</i> (Grt.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	10-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10449.00	Noctuidae	<i>Leucania insueta</i> Gn.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	14-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	spruce bog	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10644.00	Noctuidae	<i>Trichosilia mollis</i> Wlk.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
10698.00	Noctuidae	<i>Trichosilia nigrita</i> (Graeser)	Gardiner Lake, streamside	57.58748	112.45096	11-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	streamside meadow/willow/spruce	adult
10702.00	Noctuidae	<i>Euxoa divergens</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10702.00	Noctuidae	<i>Euxoa divergens</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10703.00	Noctuidae	<i>Euxoa divergens</i> (Wlk.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10891.00	Noctuidae	<i>Ochropleura implecta</i> Lafontaine	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest near bog	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, SE of camp @ beach	57.53620	112.48430	09-Jul-04	Hilchie G; Macaulay, D; Macaulay, S.H.	UV trap	shoreline with willow	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, NW of camp on cutline	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult

MONA No.	Family	Genus species [subspecies]	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10921.99	Noctuidae	<i>Diarsia</i> sp.	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10947.00	Noctuidae	<i>Xestia oblata</i> (Morr.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10957.00	Noctuidae	<i>Xestia atrata</i> (Morr.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	old growth spruce	adult
10957.00	Noctuidae	<i>Xestia atrata</i> (Morr.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10957.00	Noctuidae	<i>Xestia atrata</i> (Morr.)	Gardiner Lake, basecamp	57.58023	112.46735	08-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10957.00	Noctuidae	<i>Xestia atrata</i> (Morr.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	slope by beaverpond	adult
10957.00	Noctuidae	<i>Xestia atrata</i> (Morr.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10957.00	Noctuidae	<i>Xestia atrata</i> (Morr.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10957.00	Noctuidae	<i>Xestia atrata</i> (Morr.)	Gardiner Lake, N of camp at beaverpond	57.58881	112.45891	09-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	slope by beaverpond	adult
10957.00	Noctuidae	<i>Xestia mixta</i> (Wlk.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
10959.11	Noctuidae	<i>Xestia mixta</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10959.11	Noctuidae	<i>Xestia mixta</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10959.11	Noctuidae	<i>Xestia mixta</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10959.11	Noctuidae	<i>Xestia mixta</i> (Wlk.)	Gardiner Lake, basecamp	57.58023	112.46735	16-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	spruce bog	adult
10962.00	Noctuidae	<i>Xestia perquiritata</i> (Morr.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
10962.00	Noctuidae	<i>Xestia perquiritata</i> (Morr.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
10962.00	Noctuidae	<i>Xestia perquiritata</i> (Morr.)	Gardiner Lake, pine forest	57.53334	112.48868	14-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	pine forest	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, Fish & Wildlife Cabin	57.39920	112.72877	13-Jul-04	Macaulay, D; Macaulay, S.H.	MV trap	lakeshore woods	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Gardiner Lake, N trapper's cabin	57.55714	112.50550	12-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Gardiner Lake at Sand River	57.57058	112.44963	15-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	streamside meadow	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Gardiner Lake, S trapper's cabin	57.57440	112.46011	07-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	birch forest	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult
10964.00	Noctuidae	<i>Xestia homogena</i> (McD.)	Namur Lake, S end along trail	57.36326	112.73907	13-Jul-04	Macaulay, D; Macaulay, S.H.	UV trap	old growth spruce	adult

