

**Survey of Lepidoptera in the Canadian Shield Ecoregion of  
northeastern Alberta**

**II. 2001 Survey of La Butte Creek and Fidler/Greywillow  
Wildland Parks**

prepared for the Alberta Natural Heritage Information Centre,  
Parks and Protected Areas Division,  
Alberta Community Development

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Figure 1. The La Butte Creek collectors (Doug Macaulay, Amanda Roe, Greg Pohl) on a granite rock outcrop.

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## Introduction

In Alberta, the Canadian Shield Ecoregion is restricted to the extreme northeast part of the province (Strong and Leggat 1992). It is subdivided into the Kazan Upland and the Athabasca Plain, north and south of Lake Athabasca, respectively. This project is the second year of surveying for Lepidoptera in the Canadian Shield Ecoregion. The 2000 survey examined three recently-created Parks in the Athabasca Plain subregion (Schmidt and Pohl 2000); the current survey examines the newly formed La Butte Creek and Fidler/Greywillow Wildland Parks in the Kazan Uplands.

In the La Butte Creek Wildland Park, the dominant habitat is riparian mixed forest (RP) containing trembling aspen (*Populus tremuloides* Michx.), black poplar (*P. balsamifera* L.), willow (*Salix* spp.) and alder (*Alnus* spp.). Interspersed in this forest are granite rock outcrops (RO) with open jack pine (*Pinus banksiana* Lamb.) and lichens (Figure 1), and graminoid rich fens (GF) with sedges (*Carex* spp.) and willows. Other habitats are old-growth spruce forest (OF) containing white spruce (*Picea glauca* (Moench) Voss), sphagnum bogs (SB) containing black spruce (*Picea mariana* (Mill.) BSP.), tamarack (*Larix laricina* (Du Roi) K. Koch), and labrador tea (*Ledum groenlandicum* Oeder), and a south-facing slope (SS) dominated by sage (*Artemisia* sp.).

In Fidler/Greywillow Wildland Park, habitats included granite rock outcrops (RO) with open jackpine and lichen, sand dunes (SD) with willow and birch (*Betula* sp.), black spruce/labrador tea bogs (SB), riparian mixed forest (RF), and graminoid rich fens (GF) with willow and birch.

The purpose of this report is to provide a summary of the Lepidoptera species collected in the 2001 survey, and to compare this information to previously known distribution patterns. This information will assist in land use planning and will contribute information on the conservation status of particular Lepidoptera species.

## Materials and Methods

Two study areas were sampled during the Lepidoptera survey. La Butte Creek Wildland Park was sampled from July 5 - 11, by the authors and Amanda Roe (Figure 1). Fidler/Greywillow Wildland Park was sampled from July 17 - 25 by Dave Lawrie and Vanessa Block. Additionally, some butterfly collecting was carried out in both parks from June 6 - 17, by Wayne Nordstrom and Rob Hughes.

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

Table 1: Habitats and locations of collection sites.

Site No.	Habitat	Location	Coordinates
<b>La Butte Creek Wildland Park:</b>			
1	RO	Rock outcrop 500m NE mouth of La Butte Ck.	59.42504° N 111.44036° W
2	RO, RP	Rock outcrop, 13km E mouth of La Butte Ck.	59.36549° N 111.12988° W
3	SB	Bog 500m N mouth of La Butte Ck.	59.42748° N 111.44427° W
4	RP, OF, SS	La Butte Point on Slave R.	59.406° N 111.453° W
5	RP	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126° N 111.44612° W
6	SF	Sedge meadow 200m N mouth of La Butte Ck.	59.42114° N 111.44531° W
7	SF	Beaver pond, 3km E mouth of La Butte Ck.	59.42137° N 111.41388° W
8	SF	Sedge meadow, 5km SE mouth of La Butte Ck.	59.39542° N 111.38928° W
<b>Fidler/Greywillow Wildland Park:</b>			
9	RO, RP, SB, SD, SF	Fidler Point, Lake Athabasca	59.107° N 110.426° W
10	RP, SF	Burntwood Island, Lake Athabasca	58.9527° N 110.6145° W
11	RP	Bustard Island, Lake Athabasca	58.80° N 111.77° W
12	SD	Sand dunes NE of Fidler Point	59.1150° N 110.4098° W
13	RO, RP, SD, SF	N shore L. Athabasca, at northern border of Fidler/Greywillow Wildland Park	59.2433° N 110.1502° W

Specimens were identified using Covell (1984), Handfield (1999), Rockburn and Lafontaine (1976), and a variety of pertinent taxonomic publications, as well as reference collections possessed by the Canadian Forest Service's Northern Forestry Centre, University of Alberta's Strickland Museum and members of the Alberta Lepidopterists' Guild. Higher classification follows Kristensen (1999) and nomenclature follows Poole (1996), except where noted. Voucher specimens have been deposited at the Northern Forestry Centre and the Strickland Museum.

## Results

A total of 849 Lepidoptera specimens, belonging to 30 families and 295 species, were collected. Of these, 38 species were butterflies, 142 were macro-moths and 115 were micro-moths. Forty-nine species are considered to be rare or uncommon. A species list and collection summary appears in Appendix 1; full collection data appears in Appendix 2.

Many more specimens and species were collected in La Butte Creek than in Fidler/Greywillow (Table 2). A large proportion (64.5%) of species collected in La Butte Creek were not collected at Fidler/Greywillow, while only 45.3% of species collected in Fidler/Greywillow were not collected at La Butte Creek.

Table 2. Abundance and Diversity of the 2001 Wildland Park samples.

<b>Park</b>	<b>No. Specimens</b>	<b>No. Species</b>	<b>No. Unique to Park</b>
La Butte	542	228	147
Fidler/Greywillow	307	148	67

## **Discussion**

### **I. Study Limitations**

Many Lepidoptera species are active as adults for a short portion of the season. Thus a complete survey of adult Lepidoptera would require regular collecting (approximately every 10 to 14 days) through the entire flight season, from the beginning of April to the end of September. As well, Lepidoptera species are often localized in particular microhabitats, some of which were not accessible on this survey. Despite these limitations, a large number of specimens and species were collected in the survey.

### **II Comparison of catches from the two parks**

Many more specimens and species were collected in La Butte Creek than in Fidler/Greywillow Wildland Park (Table 2). This is likely due to a combination of weather and sampling differences, as well as real habitat differences.

At Fidler/Greywillow, inclement weather made some sites inaccessible, and resulted in low catches at sites which were accessible. However, at La Butte Creek, the collectors experienced calm, warm weather, resulting in larger catches.

Because it was impossible to thoroughly sample all habitats, collection efforts were concentrated on unique and accessible ones. At Fidler/Greywillow, collection efforts were concentrated on the unique shoreline habitats rather than on the forest habitats that had already been sampled at La Butte Creek. The lakeshore habitats probably harbour fewer species than the forest and riparian habitats. A greater sampling effort in the latter at Fidler/Greywillow would undoubtedly turn up many of the species collected only at La Butte Creek.

### **III. Species Richness**

Although this survey collected a large number of Lepidoptera species, many more undoubtedly occur in the area. The butterfly fauna of the Kazan Uplands is fairly well known. The distribution records in Layberry et al. (1998) indicate that 59 species are known or expected to occur in the region. However, the moth fauna is almost completely unknown. Most previous moth records were gathered by the Forest Insect and Disease Survey of the Canadian Forest Service, which surveyed forest pests along the Slave River and in the vicinity of Fort Smith (McGugan 1958, Prentice 1962, 1963, 1965). The total

number of Lepidoptera species expected to occur in the Kazan Uplands was extrapolated from the butterfly fauna, using the proportions of butterflies, macro-moths, and micro-moths expected to occur in a northern temperate region (Varis et al. 1987); Table 3. Overall, the survey collected approximately 22% of the Lepidoptera expected to occur in the region. Butterflies were more completely sampled than the moths, due to the fact that they are conspicuous and highly mobile. The micro-moths were the least thoroughly sampled, due to their inconspicuous nature and close habitat associations.

Table 3: Diversity of sampled Lepidoptera, and total expected diversity of the Kazan Upland natural region. Expected proportions of species are from Varis et al. (1987); expected number of butterfly species is based on Layberry et al. (1998) and Bird et al. (1995). Other values are extrapolated.

Taxonomic group	No. Spp. collected	Expected % of spp.	Expected No. spp.	% collected
Butterflies	38	4.5	59	64.4
Macro-moths	142	35.6	467	30.4
Micro-moths	115	60.0	787	14.6
Total	295	100.0	1311	22.5

### III. Distribution patterns and taxa of particular interest

The majority of the species collected in the survey are typical boreal species occurring over much of northern North America. However, some elements of other faunas were collected as well, including some from the mountainous regions of Alberta, and others more commonly collected in the grasslands. Many records provided substantial range extensions (>500 km), providing valuable information for a region that has had limited Lepidoptera sampling in the past.

The following section contains details of notable range extensions or other significant records, including locality and habitat information from the present survey, and relevant biological or behavioral information from published sources, where available. As well, we have included an indication of the species' general abundance in Alberta, as "abundant", "common", "uncommon", or "rare". Because many of these species are known from fewer than 20 records in Alberta, these categories are based on the authors' experience rather than exact counts of observations or collection specimens. The list is broken down into three parts; butterflies, macro-moths, and micro-moths.

#### A. Butterflies:

Range and biological information is from Bird et al. (1995) and Layberry et al. (1998).

#### HESPERIIDAE

*Polites peckius* - A common species in central Alberta, but it has only been collected in a few sites in northwestern Alberta in wet or grassy areas. It was collected in both parks, representing the most northerly records for western Canada.

#### PIERIDAE

*Euchloe creusa* (Figure 2) – An uncommon and localized species that has been collected in seven localities in Alberta’s boreal forest, where it appears to prefer open canopy jack pine forest. It is more commonly encountered in the Rocky Mountains.

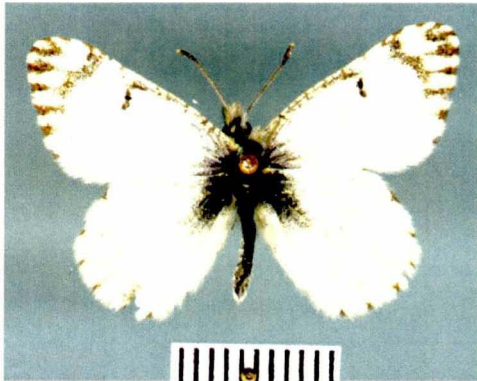


Figure 2. *Euchloe creusa* (ex. 2000 Shield survey, Richardson River Park).

### LYCAENIDAE

*Lycaena hyllus* – A common species in central Alberta, but it has only been collected in a few sites in northern Alberta, in wet or grassy areas. Other northerly records are from Fort Simpson, NWT and Zama City, AB.

*Agriades glandon megalis* - A common subspecies, collected in both parks, that is restricted to the rock outcrops there. It is much more commonly found in the foothills of the Rocky Mountains.

### NYMPHALIDAE

*Speyeria atlantis* - A common species collected in Fidler/Greywillow, where it is at its northern range boundary.

*Limenitis archippus* (Figure 3) – An uncommon species in northern Canada. The specimen taken at La Butte Creek is near the northern limits of its range; only two more northerly records exist, at Ft. Smith and Hay River, NWT.

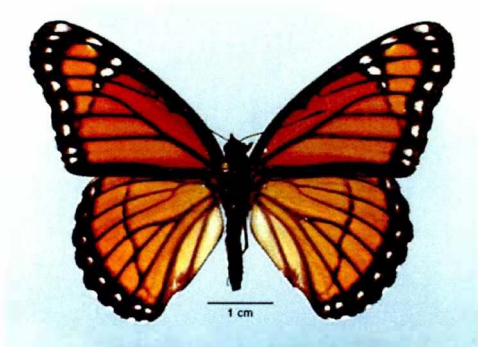


Figure 3. *Limenitis archippus* (pictured specimen from Taber, AB).



## SATYRIDAE

*Coenonympha tullia mackenziei* – A rare and localized subspecies found only in the grassy areas of northern Alberta and NWT. It was collected at La Butte Creek. In Alberta, this subspecies is unique to the Kazan Uplands and has only been found once before, at Nyarling River.

*Oeneis macounii* – Specimens were taken at La Butte Creek, from granite outcrops with open jackpine forest. This is near the northern edge of its range, although three records exist for the NWT.

### **B. Macro-moths:**

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

## GEOMETRIDAE

*Itame andersoni*– A uncommon species, collected in both parks. It prefers boggy habitats (McGuffin 1977).

*Orthonama evansi* (Figure 4) - A rare species that was collected in both parks. In La Butte Creek it was collected beside a beaverpond that had a lush semi-aquatic plant community. The only other record of this species in Alberta is a single specimen in the Bowman collection at the University of Alberta, taken near Edmonton over 50 years ago.

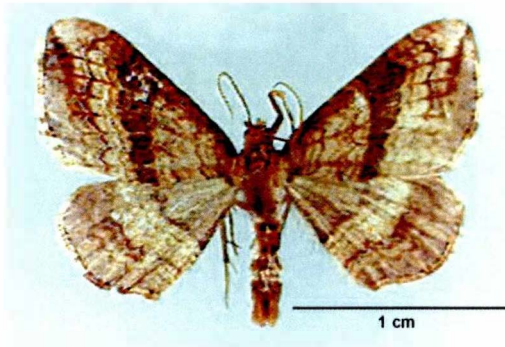


Figure 4. *Orthonama evansi*.

## SATURNIIDAE

*Antheraea polyphemus* - A common species that is at the northern edge of its range. Collected from La Butte Creek, it has not previously been reported north of central Alberta (Bowman 1951, Tuskes et al. 1996, McGugan 1958), but it has been collected by the authors at Ft. McMurray and Zama City.

## SPHINGIDAE

*Smerinthus jamaicensis* - A common species that is rarely found north of central Alberta. It was collected in both parks. The only other northern record is a series collected by the authors near Zama City, AB. Larvae feed on a variety of trees, including poplar, willow, and birch.

*Darapsa pholus* – An uncommon boreal forest specialist known from scattered localities across northern Alberta. It was collected at several localities in La Butte Creek Park. Larvae feed on *Viburnum* (Hodges 1971).

## NOTODONTIDAE

*Schizura leptinoides* - An uncommon species, collected in both parks. It is rarely found north of central Alberta. The only other northern Alberta record is from Fort McMurray.

## ARCTIIDAE

Host and range information is from Schmidt (2000).

*Haploa lecontei* - An uncommon species rarely found north of central Alberta. It was collected in both parks. The only other northern Alberta records are from Fort McMurray and Lac La Biche. It is generally found in riparian habitats.

*Grammia speciosa* (Figure 5) – A northern range extension for this rare species, which is associated with wetlands. It was collected at a beaver pond on La Butte Creek. Other Alberta records are Barrhead and Wagner Natural Area, near Edmonton.

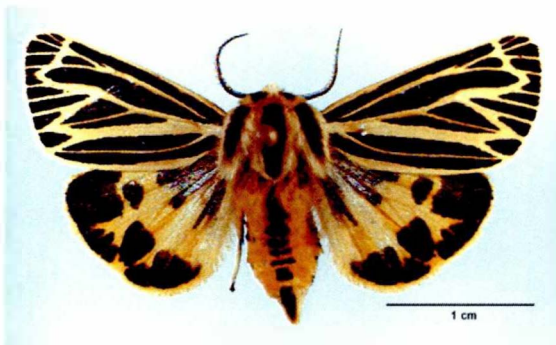


Figure 5. *Grammia speciosa*.

*Grammia williamsii* (Figure 6) – A northern range extension for this species, collected in both parks. It is quite common in jack pine forests and across the southern prairies in southern Alberta.

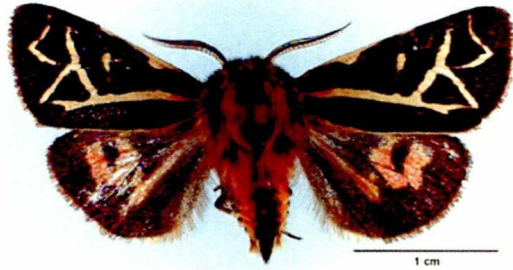


Figure 6. *Grammia williamsii*.

**NOCTUIDAE (sensu Poole 1996)**

Range and biological information is from Bowman (1951) and McGugan (1958), except as noted.

*Macrochilo bivittata* – These records are a northern range extension for this uncommon species associated with moist riparian habitats. It was collected in a sedge fen at La Butte Creek.

*Abrostola urentis* – This is a northern range extension for this uncommon species, collected in a bog at La Butte Creek (Lafontaine and Poole 1991).

*Chrysanympa formosa* – An uncommon species, collected in both parks, it is found in localized colonies associated with *Vaccinium*. The La Butte Creek specimens were found only on rock outcrops.

*Syngrapha selecta* - A rare species, collected in Fidler / Greywillow, it is found in localized colonies and is easily confused with *S. viridisigma*. There is one other specimen collected in the foothills west of Calgary.

*Nola cilicoides* - A northern range extension for this common species, collected at three sites in La Butte Creek Park.

*Panthea acronyctoides* – An uncommon species, collected in both parks. These records are a northern range extension.

*Cucullia* sp. prob. *omissa* (Figure 7) – An uncommon species, collected in a sedge fen in La Butte Creek Park. If this determination is correct, this is a significant northern range extension, from Banff, Alberta and Swift Current, Saskatchewan (Poole 1995).

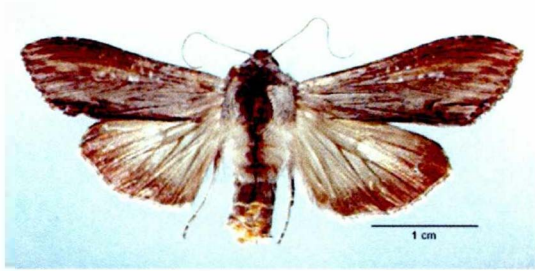


Figure 7. *Cucullia omissa*.

*Polia propodea* - An uncommon species, collected at Fidler Point. This is a northern range extension of a species that is much more common in the foothills of the Rocky Mountains than in the boreal forest (McCabe 1980).

*Trichordestra tacoma* – A northern range extension for this uncommon species, collected at Fidler/Greywillow.

*Trichosilia mollis* – A northern range extension for this uncommon species, which was collected in both parks. It is more common in mountainous regions, but is occasionally found in central Alberta. At La Butte Creek it was associated with rock outcrops.

*Euxoa sinilinea* – A rare species, collected at Fidler/Greywillow. It has only been collected twice before in Alberta (G. Anweiler pers. comm.), and the survey record is a northern range extension.

### C. Micro-moths (Figure 8):

Range and biological information is from Bowman (1951) and Prentice (1965), unless otherwise noted.

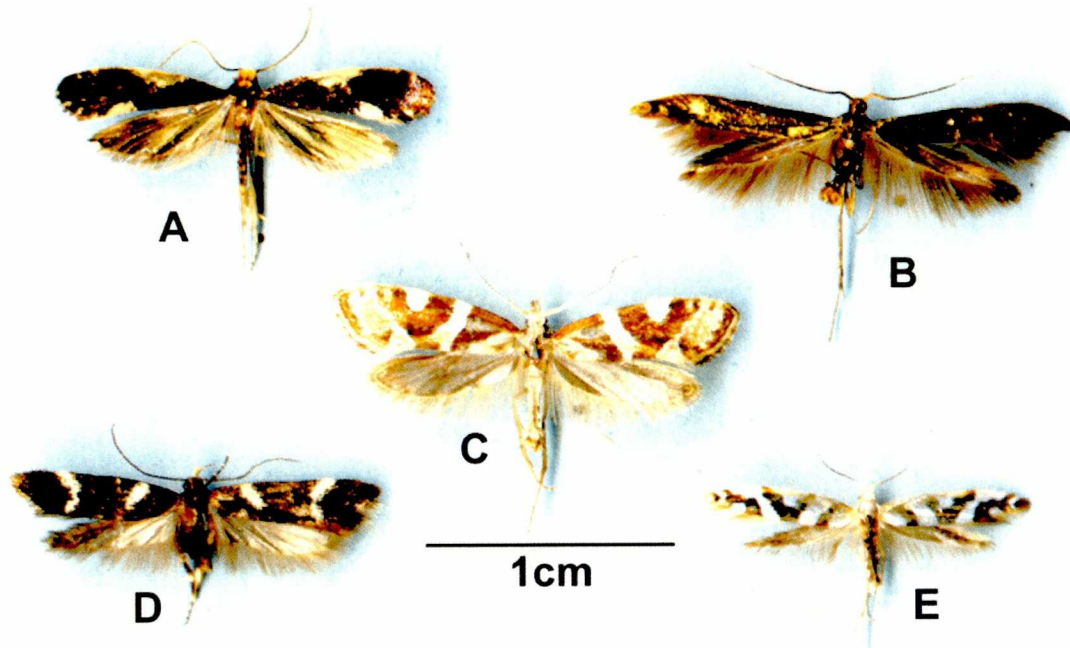


Figure 8. Representative micro-moths collected on the 2001 Shield Survey. A, *Monopis pilotella*; B, *Coleophora trifolii*; C, *Plutella vanella*; D, *Chionodes lugubrella*; E, *Argyresthia goedartella*.

### TINEIDAE

*Tinea irrepta* - A northern range extension for this uncommon species. It was collected in both parks.

*Niditinea orleansella* - An unpublished record for Alberta, but the species has recently been collected near Lac La Biche (Pohl et al., *in prep*). It was collected in both parks, and is likely widely distributed but uncommon in Alberta.

*Monopis monachella* - A northern range extension for this uncommon species. It was collected at Fidler Point.

### PLUTELLIDAE

*Plutella vanella* (Figure 8C) - This rare species was collected at La Butte Creek. It is known from scattered localities across the boreal zone in the prairie provinces.

### COLEOPHORIDAE

*Mompha tricristatella* - A northern range extension for this rare species. It was collected at dusk, from a cleared area around our base camp on the mouth of La Butte Creek.

## **GELECHIIDAE**

*Helcystogramma fernaldella* - This represents a northern range extension in Alberta, but the species has been reported from Alaska and Yukon Territory (Hodges 1986). This uncommon species was collected in a sedge fen at La Butte Creek.

## **SESIIDAE**

*Albuna pyramidalis* – A northern range extension for this common species, collected at Fidler Point. It is rarely collected or observed since it is a small dayflyer, but it is common wherever its hostplant fireweed (*Epilobium*) is found (Eichlin and Duckworth 1988).

## **COSSIDAE**

*Acossus populi* - A northern range extension for this uncommon species. It was collected at La Butte Creek.

## **TORTRICIDAE**

Range and host information is primarily from Heinrich (1923, 1926).

*Bactra furfurana* - This is a northern range extension for this uncommon species. It was collected in two sedge fens at La Butte Creek. This holarctic species feeds on rushes (*Juncus* spp.), and is closely associated with wetlands. These habitats are undercollected, so the species is probably more abundant and widely distributed than is currently known.

*Endothenia nubilana* – This is a northern range extension for this common species, collected in a sedge fen at La Butte Creek. It is a root and stem borer of hedge nettle (*Stachys palustris*).

*Hulda impudens* - A northern range extension for this uncommon species, collected from riparian forest at La Butte Creek.

*Olethreutes metallicana* - A common species, collected in both parks. This record is a northern extension to its known range, but probably does not represent the true northern limits of its distribution.

*Phaneta* sp. A - Although not yet identified to species, this constitutes a northern range extension, since no *Phaneta* are currently reported from this area. It was collected among the sage (*Artemisia* sp.) on a south-facing slope on "La Butte" itself, on the bank of the Slave River (Figure 9). It is probably more commonly distributed in the prairies.



Figure 9. Sage slope on La Butte, on the bank of the Slave River.

*Croesia curvalana* - An uncommon species, collected at Fidler Point. This record is a northern range extension. It feeds on blueberry (*Vaccinium* spp.).

*Archips alberta* - An uncommon species, collected at Fidler/Greywillow. It is widespread throughout the Boreal forest, and feeds on spruce (*Picea* spp.).

*Aphelia alleniana* - This is a northern range extension for this uncommon species, collected at La Butte Creek.

*Clepsia peritana* - This is a northern range extension for this uncommon species, collected at La Butte Creek. It feeds on strawberry (*Fragaria* spp.).

*Phtheochroa waracana* - A northern range extension for this uncommon species, collected in a sedge meadow at La Butte Creek.

*Aethes monera septentrionalis* - A northern range extension for this uncommon subspecies, collected on a rock outcrop at La Butte Creek.

## **PYRALIDAE**

*Dasypyga alternosquamella* – This rare species was collected at Fidler/Greywillow. It is a new record for Alberta.

## CRAMBIDAE

*Munroessa icciusalis* - This uncommon species, collected in both parks, is reported from northern North America (Munroe 1972), but had not specifically been reported from Alberta before. It feeds on water plants, especially *Potamogeton* spp..

*Parapoynx maculalis* (Figure 10) - This is a new Alberta record for this rare species, collected in both parks. It had previously been reported in eastern Canada, only as far West as Lake of the Woods, ON (Munroe 1972), but unpublished records exist for Saskatchewan (Pohl, pers. comm.). It is probably widespread across the boreal zone, but localized in areas where its waterlily hosts (*Nuphar*, *Nymphaea*, *Brasenia* spp.) are available.

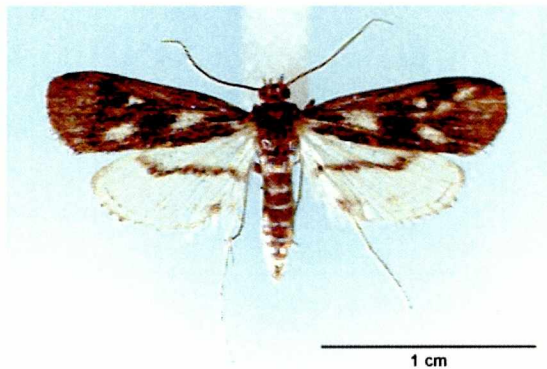


Figure 10. *Parapoynx maculalis*.

*Pyrausta orphisalis* - A northern range extension for this uncommon species, collected at the margin of La Butte Creek. It feeds on mints, including *Satureia* and *Monarda* (Munroe 1976).

*Nomophila nearctica* - This common species, collected at Fidler Point, is associated with grassland habitats. It feeds on many plants, including grasses and clover (*Trifolium* spp.) (Munroe 1973). This record is a northern range extension.

*Agriphilia ruricolella* - A northern range extension for this uncommon species, collected on a rock outcrop at La Butte Creek.

*Catoptria latiradiella* - A northern range extension for this uncommon species, collected at both parks.

## Summary and Conclusions

A total of 295 Lepidoptera species were collected on this survey of which 115 are microlepidoptera and 180 are macrolepidoptera, including 38 butterflies. Although the majority of these species are typical inhabitants of the boreal forest of western north America, some species were previously considered to be inhabitants of the mountain or grassland ecosystems. Some species records were at the edge of their known range, and



many records were considerable northern range extensions. One butterfly species, *Coenonympha tullia mackenziei*, is classified as rare. This particular subspecies is restricted to northeastern Alberta and the adjacent Northwest Territories. Five macro-moth species (*Orthonama evansi*, *Grammia virguncula*, *Cucullia omissa*, *Syngrapha selecta* and *Euxoa sinilinea*) are classified as rare. They are all associated with riparian zones of the Kazan uplands. Four micro-moth species (*Mompha tricristatella*, *Plutella vanella*, *Phaneta* sp. A, and *Rhopobota unipunctana*) are considered to be rare, although their status may change with more intensive collecting. Four species of micro-moths constitute new records for Alberta; *Niditinea orleansella*, *Munroessa icciusalis*, *Parapoynx maculalis*, *Dasypyga alternosquamella*. The record of *P. maculalis* is a range extension from Lake of the Woods, Ontario. With further sampling many more riparian and Canadian Shield specialists await discovery in the region.

### **Acknowledgements**

This report would not have been possible without the assistance of the Alberta Lepidopterists' Guild, particularly Dave Lawrie and Amanda Roe, who collected, curated, and identified specimens along with the authors. As well, Wayne Nordstrom and Rob Hughes collected specimens and made field identifications on the June collecting trip. Gary Anweiler and Chris Schmidt provided and confirmed many identifications. Also thanks to Vanessa Block, Benny Gaudet, and Ted Johnson for capturing specimens.

The opportunity to inventory the butterflies and moths was made possible through an invitation from Wayne Nordstrom of the Parks and Protected Areas Division (Alberta Natural Heritage Information Centre unit) to the members of the Alberta Lepidopterists' Guild. In addition, parks staff of the Lac La Biche District made this project feasible by providing logistic support, including transportation, field camps and food. Without the efforts of Ted Johnson, Jennifer Gammon and the rest of the parks staff along with the field camp crew, this project would not have been possible.

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## Appendix 1: List of Species found in La Butte Creek and Fidler / Greywillow Wildland Provincial Parks.

Abundance categories are as follows: abundant (A); common (C); uncommon (U); rare (R). Higher classification follows Kristensen (1999) except Noctuidae sensu Poole (1996); nomenclature follows Poole (1996) except as noted. MONA Numbers follow Hodges et al. (1983); new species and incomplete determinations inserted with decimals. See Table 1 for locality details.

Abundance	Family	MONA No.	Species	La Butte Creek sites								Fidler / Greywillow							
				1	2	3	4	5	6	7	8	com- bined	9	10	11	12	13	com- bined	
<b>A. Butterflies:</b>																			
C	HESPERIIDAE	3910.00	Thorybes pylades (Scudder)	1				1					x						
C	HESPERIIDAE	3945.00	Erynnis icelus (Scudder & Burgess)												4		x		
C	HESPERIIDAE	3961.00	Erynnis persius (Scudder)	1									x						
C	HESPERIIDAE	3982.00	Carterocephalus palaemon (Pallas)					2					x						
C	HESPERIIDAE	4020.01	Hesperia comma (L.)													4	1	x	
U	HESPERIIDAE	4036.11	Polites peckius (W. Kirby)					2					x	4			1	x	
A	PAPILIONIDAE	4176.11	Papilio canadensis Roths. & Jordan *												1			x	
C	PIERIDAE	4195.13	Pieris oleracea Harris *					2					x		4		1	x	
A	PIERIDAE	4197.00	Pieris rapae (L.)												1			x	
U	PIERIDAE	4201.00	Euchloe creusa (Doubleday)												1			x	
C	PIERIDAE	4209.00	Colias philodice Godt.												5			x	
C	PIERIDAE	4211.12	Colias christina Edwards					1					x						
C	PIERIDAE	4220.00	Colias interior Scudder			1		1					x				2	x	
C	PIERIDAE	4222.00	Colias gigantea Strecker					5					x				5	x	
U	LYCAENIDAE	4256.00	Lycaena hyllus (Cramer)												2			x	
C	LYCAENIDAE	4261.00	Lycaena dorcas Kirby											4	1		1	2	x
C	LYCAENIDAE	4362.00	Everes amyntula (Boisduval)					2					x			2			x
C	LYCAENIDAE	4363.01	Celastrina ladon lucia (Kby.)												1				x
C	LYCAENIDAE	4372.01	Glaucopsyche lygdamus (Dbl.)												3				x
U	LYCAENIDAE	4383.00	Vacciniina optilete (Knoch)	2	6								x	8					x
U	LYCAENIDAE	4384.00	Agriades glandon (de Prunner) *		5								x	2				1	x
C	NYMPHALIDAE	4422.00	Polygonia satyrus (Edw.)					1					x						
C	NYMPHALIDAE	4423.00	Polygonia faunus (Edw.)														1	1	x
C	NYMPHALIDAE	4433.00	Nymphalis milberti (Godart) *	1				2					x			1		1	x
C	NYMPHALIDAE	4435.00	Vanessa cardui (Linnaeus)													2		1	x
C	NYMPHALIDAE	4437.00	Vanessa atalanta (Linnaeus)						1				x			1			x
C	NYMPHALIDAE	4459.00	Speyeria atlantis (Edw.)														1	2	x
C	NYMPHALIDAE	4459.10	Speyeria hesperis (W.H. Edwards)					1					x						
C	NYMPHALIDAE	4464.00	Boloria selene (Denis & Schiffermueller)					4					x					1	x



Abundance	Family	MONA No.	Species	La Butte Creek sites							Fidler / Greywillow						
				1	2	3	4	5	6	7	8	combined	9	10	11	12	13
C	GEOMETRIDAE	7188.00	<i>Dysstroma walkerata</i> (Pears.)			2				1		x					
C	GEOMETRIDAE	7189.00	<i>Dysstroma hersiliata</i> (Gn.)	1					2		x						
C	GEOMETRIDAE	7206.00	<i>Eulithis explanata</i> (Wlk.)										2			2	x
C	GEOMETRIDAE	7236.00	<i>Hydriomena renunciata</i> (Wlk.)			1					x						
C	GEOMETRIDAE	7293.00	<i>Rheumaptera hastata</i> (L.)			1	1				x						
C	GEOMETRIDAE	7368.00	<i>Xanthorhoe labradorensis</i> (Pack.)						3		x						
C	GEOMETRIDAE	7370.00	<i>Xanthorhoe abrasaria</i> (H.-S.)			2	1				x					1	x
U	GEOMETRIDAE	7371.00	<i>Xanthorhoe iduata</i> (Gn.)					1			x						
C	GEOMETRIDAE	7390.00	<i>Xanthorhoe lacustrata</i> (Gn.)							1	x						
C	GEOMETRIDAE	7399.00	<i>Euphyia unangulata</i> (Haw.)		1						x						
R	GEOMETRIDAE	7415.00	<i>Orthonama evansi</i> (McD.)							2	x					1	x
C	GEOMETRIDAE	7430.00	<i>Trichodezia albiovittata</i> (Gn.)		1						x						
?	GEOMETRIDAE	7487.00	<i>Eupithecia subfuscata</i> (Haw.)						6		5	x					
?	GEOMETRIDAE	7528.01	<i>Eupithecia assimilata</i> Dbldy.				1				x						
?	GEOMETRIDAE	7529.01	<i>Eupithecia absinthiata</i> (Cl.)			1			1	1	x						
?	GEOMETRIDAE	7564.00	<i>Eupithecia stellata</i> (Hulst)						1		x						
?	GEOMETRIDAE	7626.00	<i>Carsia sororiata</i> (Hbn.)										1				x
A	LASIOCAMPIDAE	7687.00	<i>Phyllodesma americana</i> (Harr.)					1			x						
A	LASIOCAMPIDAE	7698.00	<i>Malacosoma disstria</i> Hbn.													3	x
A	SATURNIIDAE	7757.00	<i>Antheraea polyphemus</i> (Cram.)			1					x						
C	SPHINGIDAE	7821.00	<i>Smerinthus jamaicensis</i> (Drury)						1	1	x					1	x
C	SPHINGIDAE	7853.00	<i>Hemaris thysbe</i> (F.)					1			x						
U	SPHINGIDAE	7886.00	<i>Darapsa pholus</i> (Cram.)			1		1			x						
C	SPHINGIDAE	7893.00	<i>Hyles gallii</i> (Rottemburg)					1			x						
C	NOTODONTIDAE	7901.00	<i>Clostera apicalis</i> (Wlk.)							1	x						
C	NOTODONTIDAE	7915.00	<i>Nadata gibossa</i> (JE Smith.)													2	x
C	NOTODONTIDAE	7922.00	<i>Pheosia rimosa</i> Pack.			1					x						
A	NOTODONTIDAE	7931.00	<i>Gluphisia septentrionis</i> Wlk.						1		x						
C	NOTODONTIDAE	8007.00	<i>Schizura unicornis</i> (JE Smith)				1			1	x					2	x
U	NOTODONTIDAE	8011.00	<i>Schizura leptinoides</i> (Grote)			1			1		x					3	x
C	ARCTIIDAE	8043.00	<i>Eilema bicolor</i> (Grote)		1	1	1				x					3	x
U	ARCTIIDAE	8098.00	<i>Clemensia albata</i> Pack.				4				x						
U	ARCTIIDAE	8111.00	<i>Haploa lecontei</i> (G.-M.)						1		x					1	x
A	ARCTIIDAE	8123.11	<i>Holomelina</i> sp. nr. <i>ferruginosa</i> (Wlk.)	3	2						x					5	x

Abundance	Family	MONA No.	Species	La Butte Creek sites								Fidler / Greywillow						
				1	2	3	4	5	6	7	8	combined	9	10	11	12	13	combined
A	ARCTIIDAE	8137.00	Spilosoma virginica (F.)					1					x				1	x
A	ARCTIIDAE	8162.00	Platarctia parthenos (Harris)			1							x				1	x
R	ARCTIIDAE	8175.11	Grammia speciosa Moesch. *							2			x					
A	ARCTIIDAE	8186.00	Grammia williamsii (Dodge)	2									x	4			2	x
A	ARCTIIDAE	8214.00	Lophocampa maculata Harris							1	1		x					
C	ARCTIIDAE	8267.00	Ciseps fulvicollis (Hbn.)							1	1		x	2			1	x
C	LYMANTRIIDAE	8294.00	Dasychira vagans (B. & McD.)														2	x
C	LYMANTRIIDAE	8304.00	Dasychira plagiata (Wik.)			1							x					
C	LYMANTRIIDAE	8316.00	Orgyia leucostigma (JE Smith)					1					x					
C	NOCTUIDAE	8322.00	Idia americalis (Gn.)														1	x
C	NOCTUIDAE	8323.00	Idia aemula Hbn.	1	1								x	3			1	x
C	NOCTUIDAE	8323.11	Idia sp. nr. aemula Hbn.	1		2							x				4	x
C	NOCTUIDAE	8338.00	Phalaenophana pyramusalis (Wik.)				1						x					
C	NOCTUIDAE	8356.00	Chytolita petrealis Grt.		1	1							x					
C	NOCTUIDAE	8354.00	Zanclognatha lualba (JB Smith)	1									x					
U	NOCTUIDAE	8359.00	Macrochilo bivittata (Grote)								2		x					
C	NOCTUIDAE	8362.00	Phalaenostola metonalis (Wik.)						1				x					
C	NOCTUIDAE	8397.00	Palthis angulalis (Hbn.)	1									x					
C	NOCTUIDAE	8404.00	Rivula propinqualis Gn.		1								x					
U	NOCTUIDAE	8421.00	Hypenodes fractilinea (Sm.)	1	1						2		x					
C	NOCTUIDAE	8555.00	Scoliopteryx libatrix (L.)														1	x
U	NOCTUIDAE	8881.00	Abrostola urentis Guenee			1							x					
C	NOCTUIDAE	8896.00	Diachrysia aereoides (Grote)							1			x					
U	NOCTUIDAE	8904.00	Chrysanympha formosa (Grote)	1									x				3	x
A	NOCTUIDAE	8911.00	Autographa bimaculata (Stephens)														1	x
C	NOCTUIDAE	8912.00	Autographa mappa (G. & R.)														1	x
C	NOCTUIDAE	8923.00	Autographa ampla (Wik.)														1	x
C	NOCTUIDAE	8926.00	Syngrapha octoscripta (Grote)	1									x	2			1	x
C	NOCTUIDAE	8927.00	Syngrapha epigaea (Grote)							1			x					
R	NOCTUIDAE	8928.00	Syngrapha selecta (Wik.)											1				x
C	NOCTUIDAE	8939.00	Syngrapha alias (Ottolengui)			1							x				2	x
U	NOCTUIDAE	8946.00	Syngrapha microgamma (Hbn.)											1				x
A	NOCTUIDAE	8950.00	Plusia putnami Grote	1									x				4	x
A	NOCTUIDAE	8953.00	Plusia venusta Wik.	1					2		2		x				1	x



Abundance	Family	MONA No.	Species	La Butte Creek sites								Fidler / Greywillow						
				1	2	3	4	5	6	7	8	com- bined	9	10	11	12	13	com- bined
C	NOCTUIDAE	8990.00	<i>Nola cilicoides</i> (Grote)						2	1	1	x						
U	NOCTUIDAE	9177.00	<i>Panthea acronyctoides</i> (Wlk.)				1					x	1					x
C	NOCTUIDAE	9183.00	<i>Panthea pallescens</i> McD.										1				4	x
A	NOCTUIDAE	9193.00	<i>Raphia frater</i> Grote						1			x					1	x
C	NOCTUIDAE	9203.00	<i>Acronicta dactylina</i> Grote							1		x						
C	NOCTUIDAE	9207.00	<i>Acronicta innotata</i> Guenee														2	x
A	NOCTUIDAE	9212.00	<i>Acronicta grisea</i> Wlk.				1					x						
C	NOCTUIDAE	9272.00	<i>Acronicta obliterata</i> (JE Smith)														1	x
C	NOCTUIDAE	9280.00	<i>Simyra henrici</i> (Grote)						1			x						
C	NOCTUIDAE	9318.00	<i>Alypia langtoni</i> Couper		2							x						
C	NOCTUIDAE	9359.00	<i>Apamea commoda</i> (Wlk.)								3	x						
C	NOCTUIDAE	9367.11	<i>Apamea cogitata</i> (Sm.)														2	x
C	NOCTUIDAE	9384.31	<i>Apamea scoparia</i> Mikkola et al. *														1	x
C	NOCTUIDAE	9391.00	<i>Luperina passer</i> (Gn.) *								1	x					5	x
C	NOCTUIDAE	9431.01	<i>Parastichtis suspecta</i> (Hbn.) *														2	x
C	NOCTUIDAE	9437.00	<i>Chortodes inquinata</i> (Gn.)								2	x					3	x
C	NOCTUIDAE	9440.00	<i>Chortodes rufostrigata</i> (Pack.)						1		1	x						
A	NOCTUIDAE	9550.00	<i>Enargia infumata</i> (Grote)														1	x
C	NOCTUIDAE	9556.00	<i>Chytonix palliatricula</i> (Gn.)				1					x						
C	NOCTUIDAE	9578.11	<i>Hyppa</i> sp. nr. <i>xylinoides</i> (Gn.)								1	x					1	x
C	NOCTUIDAE	9647.00	<i>Athetis miranda</i> (Grt.)						1			x						
C	NOCTUIDAE	10055.00	<i>Apharetra dentata</i> (Grote)				1					x					2	x
R	NOCTUIDAE	10199.00	<i>Cucullia</i> sp. prob. <i>omissa</i> Dod								1	x						
C	NOCTUIDAE	10276.00	<i>Polia imbrifera</i> (Gn.)				1			1		x						
U	NOCTUIDAE	10281.31	<i>Polia propodea</i> McCabe											1				x
C	NOCTUIDAE	10288.00	<i>Polia detracta</i> (Wlk.)	1	1							x						
C	NOCTUIDAE	10292.00	<i>Melanchra adjuncta</i> (Gn.)								1	x						
C	NOCTUIDAE	10296.00	<i>Lacanobia nevadae</i> (Grote)								1	x						
C	NOCTUIDAE	10297.00	<i>Lacanobia atlantica</i> (Grote)	1							2	x					1	x
C	NOCTUIDAE	10298.00	<i>Lacanobia radix</i> (Wlk.)	1								x						
C	NOCTUIDAE	10301.00	<i>Spiramater lutra</i> (Gn.)		1							x						
U	NOCTUIDAE	10303.00	<i>Trichordestra tacoma</i> (Stkr.)														1	x
C	NOCTUIDAE	10436.00	<i>Aletia oxygala</i> (Grt.)							1	1	x					4	x
C	NOCTUIDAE	10449.00	<i>Leucania insueta</i> Guenee								1	x					1	x

Abundance	Family	MONA No.	Species	La Butte Creek sites							Fidler / Greywillow						
				1	2	3	4	5	6	7	8	combined	9	10	11	12	13
U	NOCTUIDAE	10644.00	Trichosilia mollis Wlk.	3												1	x
R	NOCTUIDAE	10703.00	Euxoa sinilinea Hdwk.													3	x
C	NOCTUIDAE	10891.01	Ochropleura implecta Laf. *						1	1						2	x
C	NOCTUIDAE	10917.00	Diarsia rubifera (Grote)													1	x
C	NOCTUIDAE	10928.00	Graphiphora augur (F.)													2	x
C	NOCTUIDAE	10929.00	Eurois occulta (L.)										2				x
C	NOCTUIDAE	10930.00	Eurois astricta Morrison													1	x
C	NOCTUIDAE	10947.00	Xestia oblata (Morrison)							1						1	x
C	NOCTUIDAE	10962.00	Xestia perquiritata (Morr.)													4	x
C	NOCTUIDAE	10965.00	Xestia imperita (Hbn.)										2			2	x
C	NOCTUIDAE	10988.01	Coenophila opacifrons (Grt.) *										1				x
A	NOCTUIDAE	11001.00	Anaplectoides pressus (Grote)			2	1									1	x
C	NOCTUIDAE	11008.00	Eueretagrotis perattenta (Grt.)													1	x
C	NOCTUIDAE	11012.00	Cryptocala acadensis (Bethune)	1													
C	NOCTUIDAE	11041.00	Abagrotis placida (Grote)										1			2	x
C	NOCTUIDAE	11064.00	Pyrrhia exprimens (Wlk.)							1							
<b>C. Micro-moths:</b>																	
C	HEPIALIDAE	19.00	Sthenopsis purpurascens (Pack.)		1											2	x
?	NEPTICULIDAE	118.91	Nepticulidae sp. A		1												
U	TINEIDAE	399.00	Tinea irrepta Braun		1								1				x
C	TINEIDAE	412.00	Niditinea orleansella (Cham.)		1								1				x
?	TINEIDAE	415.11	Monopis sp. nr. laevigella (D. & S.)		2												
U	TINEIDAE	418.00	Monopis monachella (Hbn.)										1				x
C	TINEIDAE	421.00	Monopis spilotella Teng.				1						1				x
C	BUCCULATRIGIDAE	560.00	Bucculatrix sp. prob. canadensisella Chem.										1				x
C	GRACILLARIIDAE	669.00	Parornix conspicuella (Dietz)		1												
C	GRACILLARIIDAE	852.00	Phyllocnistis populiella Cham.	1													
C	YPONOMEUTIDAE	2457.00	Argyresthia goedartella (L.)										3				x
R	PLUTELLIDAE	2365.00	Plutella vanella Wlsm.		1		1										
C	PLUTELLIDAE	2366.00	Plutella xylostella (L.)		1			8					4				x
?	COLEOPHORIDAE	1219.41	Hypatopa sp. A		1												
?	COLEOPHORIDAE	1253.41	Pigritia sp. A		9		1										
C	COLEOPHORIDAE	1388.00	Coleophora trifolii (Curtis)					2		1							
?	COLEOPHORIDAE	1398.50	Coleophora spp.	4	2			7		1			2				x



Abundance	Family	MONA No.	Species	La Butte Creek sites								Fidler / Greywillow							
				1	2	3	4	5	6	7	8	combined	9	10	11	12	13	combined	
C	TORTRICIDAE	2848.00	Olethreutes bipartitana (Clemens)									1	x						
C	TORTRICIDAE	2859.00	Olethreutes prob. cespitana (Hübner)		1			1					x	2					x
?	TORTRICIDAE	2859.41	Olethreutes sp. A					1					x						
?	TORTRICIDAE	2859.42	Olethreutes sp. B									1	x						
?	TORTRICIDAE	2859.43	Olethreutes sp. C		2								x						
C	TORTRICIDAE	2861.00	Hedya ochroleucana (Frölich)	1			1						x	1					x
C	TORTRICIDAE	2900.00	Retinia burkeana (Kearfott) *				1						x						
?	TORTRICIDAE	2902.61	? Retinia sp. A *		2	1							x	1					x
R	TORTRICIDAE	3007.41	Phaneta sp. A				5						x						
C	TORTRICIDAE	3223.00	Gypsonoma fasciolana (Clemens)		1								x						
C	TORTRICIDAE	3227.00	Gypsonoma substitutionis Heinrich	1	2								x						
R	TORTRICIDAE	3276.00	? Rhopobota unipunctana (Haw.) *											1					x
A	TORTRICIDAE	3302.00	Epinotia rectiplicana (Wlsm.)				1		1				x						
C	TORTRICIDAE	3304.00	Epinotia prob. solicitana (Wlk.)				2						x						
U	TORTRICIDAE	3312.00	Epinotia prob. momonana (Kearfott)	1									x						
C	TORTRICIDAE	3355.11	Ancylis sp. nr. subaequana (Zeller)							1			x						
U	TORTRICIDAE	3504.00	Croesia curvalana (Kearfott)											3					x
A	TORTRICIDAE	3594.00	Pandemis limitata (Robinson)		2		1						x				1		x
C	TORTRICIDAE	3635.00	Choristoneura rosaceana (Harris)				2			1	1		x	1					x
A	TORTRICIDAE	3637.00	Choristoneura conflictana (Walker)		1			1					x						
A	TORTRICIDAE	3638.00	Choristoneura fumiferana (Clemens)	1			3	1			1		x	3					x
C	TORTRICIDAE	3648.00	Archips argyrospila (Walker)					1					x					1	x
U	TORTRICIDAE	3665.00	Archips alberta (McD.)															1	x
U	TORTRICIDAE	3675.00	Aphelia alleniana (Fernald)								1		x						
C	TORTRICIDAE	3682.00	Clepsis persicana (Fitch)	1	2		1						x				1		x
C	TORTRICIDAE	3684.00	Clepsis clemensiana (Fernald)								1		x						
U	TORTRICIDAE	3688.00	Clepsis peritana (Clemens) *		1								x						
C	TORTRICIDAE	3689.00	Clepsis virescana (Clemens) *				1	1					x						
C	TORTRICIDAE	3740.00	Platynota idaeusalis (Walker)					2					x						
U	TORTRICIDAE	3796.00	Phtheochroa waracana (Kft.)							1			x						
U	TORTRICIDAE	3833.11	Aethes monera Razowski *	1									x						
?	PTEROPHORIDAE	6103.61	Trichoptilus sp. A				1						x						
C	PTEROPHORIDAE	6107.00	Gillmeria pallidactyla (Haw.) *					1					x						
?	PTEROPHORIDAE	6152.61	Stenoptilia sp. A											1					x

Abundance	Family	MONA No.	Species	La Butte Creek sites								Fidler / Greywillow										
				1	2	3	4	5	6	7	8	com- bined	9	10	11	12	13	com- bined				
?	PYRALIDAE	5694.61	Acrobasis sp. A		1								x	1						1	x	
R	PYRALIDAE	5730.00	Dasypygga alternosquamella Rag.																		1	x
C	PYRALIDAE	5843.00	Dioryctria reniculelloides M.& M.		1								x								2	x
C	PYRALIDAE	5999.00	Eulogia ochrifrontella (Zell.)		2		4						x	3								x
?	PYRALIDAE	6011.91	Vitula sp. A		1								x	1								x
?	PYRALIDAE	6011.92	Vitula sp. B		1								x									
?	PYRALIDAE	6041.91	Phycitinae sp. A		1	1					1		x	3								x
?	PYRALIDAE	6041.92	Phycitinae sp. B		3								x									
?	PYRALIDAE	6075.91	Pyralidae sp. A							2	3		x									
U	CRAMBIDAE	4748.00	Munroessa icciusalis (Wlk.)								6		x	1								x
C	CRAMBIDAE	4755.00	Synclita oblitalis (Wlk.)				1				9		x									
R	CRAMBIDAE	4759.00	Parapoynx maculalis (Clem.)	2						1	1		x	1								x
C	CRAMBIDAE	4897.00	Evergestis pallidata (Hufn.)	1			1						x									
U	CRAMBIDAE	5058.00	Pyrausta orphisalis Wlk.			2							x									
C	CRAMBIDAE	5156.00	Nomophila nearctica Mun.											1								x
?	CRAMBIDAE	5324.41	Donacaula sp. 1								1		x									
?	CRAMBIDAE	5324.42	Donacaula sp. 2								1		x	1								x
?	CRAMBIDAE	5324.43	Donacaula sp. 3								2	1	x									
A	CRAMBIDAE	5343.00	Crambus perlellus (Scop.)	1				1					x	1								x
C	CRAMBIDAE	5344.00	Crambus unistriatellus Pack.					1					x	2								x
?	CRAMBIDAE	5345.11	Crambus sp. nr. whitmerellus Klots	1									x									
?	CRAMBIDAE	5378.41	Crambus sp. A		1			1					x	1								x
A	CRAMBIDAE	5391.00	Chrysoteuchia topiaria (Zell.)	1	1			1	3			2	x									
U	CRAMBIDAE	5399.00	Agriphilia ruricolella (Zell.)		1								x									
?	CRAMBIDAE	5405.61	? Agriphila sp.							1	1		x									
U	CRAMBIDAE	5408.00	Catoptria latiradiella (Wlk.)	2									x								2	x
?	CRAMBIDAE	5409.41	Catoptria sp. A		1								x									
U	CRAMBIDAE	5413.00	Pediasia prob. trisecta (Wlk.)											1								x
?	CRAMBIDAE	5417.61	Pediasia sp. A							1			x									
C	CRAMBIDAE	5529.00	Herculia thymetusalis (Wlk.)				3						x	2								x

### Footnotes to Appendix #1:

\* changes in nomenclature since Poole (1996):

- 2745.00 moved from Endothenia to Taniva (Powell and Cho 2000).
- 2747.00 moved from Endothenia to Hulda (Powell and Cho 2000).
- 2900.00 was in Petrova, now considered a synonym of Retinia (Powell and Cho 2000).
- 2902.61 was in Petrova, now considered a synonym of Retinia (Powell and Cho 2000).
- 3276.00 was listed as *R. naevana* (Hbn.), now considered a synonym (Powell and Cho 2000).
- 3688.00 was in Ptycholoma, now considered a synonym of Clepsid (Powell and Cho 2000).
- 3689.00 was in Ptycholoma, now considered a synonym of Clepsid (Powell and Cho 2000).
- 3833.11 recently described, not listed (Razowski 1997).
- 4176.11 new status, raised from subspecies of *P. glaucus* L. (Layberry et al. 1998).
- 4195.13 new status, raised from subspecies of *P. napi* (L.) (Layberry et al. 1998).
- 4384.00 nomenclature uncertain; sometimes treated as *A. franklinii* (Curt.) (Layberry et al. 1998).
- 4433.00 was in Aglais, now a synonym of *Nymphalis* (Layberry et al. 1998).
- 4481.11 new status, raised from subspecies of *P. tharos* (Drury) (Layberry et al. 1998).
- 4522.00 was in Basilarchia, now a synonym of *Limenitis* (Layberry et al. 1998).
- 4523.00 was in Basilarchia, now a synonym of *Limenitis* (Layberry et al. 1998).
- 6107.00 recently moved from *Platyptilia* to *Gillmeria* (Geillis 1993).
- 8175.11 new status for a species previously combined with *G. virguncula* (Kirby) (Ferguson et al. 2000).
- 9384.31 recently recognised species (Mustelin, T., R. Leuschner, K. Mikkola and J.D. Lafontaine 2000).
- 9391.00 moved from *Mesapamea* to *Luperina* (Handfield 1999).
- 9431.01 new name for *P. discivaria* (Wlk.) (Handfield 1999).
- 10891.01 recently described species, previously referred to as *O. plecta* (L.), a palearctic species (Lafontaine 1998).
- 10988.01 new status, raised from synonymy with the palearctic *C. subrosea* (Steph.) (Lafontaine 1998).

## Appendix 2: Complete data for specimens collected at La Butte Creek and Fidler / Greywillow Wildland Parks.

MONA No. is from Hodges et al. 1983. Collectors are Rob Hughes (RH); Dave Lawrie (DL); Doug Macaulay (DM); Wayne Nordstrom (WN); Greg Pohl (GP); and Amanda Roe (AR). All dates are in 2001.

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
<b>A. Butterflies:</b>										
3910	Hesperiidae	<i>Thorybes pylades</i>	La Butte Creek Wildland Park	59.42126°N	111.44612°W	14-Jun	WN	net		adult
3910	Hesperiidae	<i>Thorybes pylades</i>	La Butte Creek Wildland Park	59.42126°N	111.44612°W	10-Jul	DM	observed		adult
3945	Hesperiidae	<i>Erynnis icelus</i>	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
3945	Hesperiidae	<i>Erynnis icelus</i>	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
3945	Hesperiidae	<i>Erynnis icelus</i>	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
3945	Hesperiidae	<i>Erynnis icelus</i>	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
3961	Hesperiidae	<i>Erynnis persius</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	6-Jul	DM, GP, AR	net		adult
3982	Hesperiidae	<i>Carterocephalus palaemon</i>	La Butte Creek Wildland Park	59.42126°N	111.44612°W	14-Jun	WN	net		adult
3982	Hesperiidae	<i>Carterocephalus palaemon</i>	La Butte Creek Wildland Park	59.42126°N	111.44612°W	17-Jun	WN	net		adult
4020.01	Hesperiidae	<i>Hesperia comma</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL			adult
4020.01	Hesperiidae	<i>Hesperia comma</i>	NE of Fidler Point, N shore Lake Athabasca	59.115°N	110.410°W	22-Jul	DL	net		adult
4020.01	Hesperiidae	<i>Hesperia comma</i>	N border of Fidler-Greywillow Wildland Park, N Shore Lake Athabasca	59.2433°N	110.1501°W	23-Jul	DL	net		adult
4020.01	Hesperiidae	<i>Hesperia comma</i>	N border of Fidler-Greywillow Wildland Park, N Shore Lake Athabasca	59.2433°N	110.1501°W	23-Jul	DL	net		adult
4020.01	Hesperiidae	<i>Hesperia comma</i>	N border of Fidler-Greywillow Wildland Park, N Shore Lake Athabasca	59.2433°N	110.1501°W	23-Jul	DL	net		adult
4036.11	Hesperiidae	<i>Polites peckius</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	net		adult
4036.11	Hesperiidae	<i>Polites peckius</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	net		adult
4036.11	Hesperiidae	<i>Polites peckius</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net		adult
4036.11	Hesperiidae	<i>Polites peckius</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net		adult
4036.11	Hesperiidae	<i>Polites peckius</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL			adult
4036.11	Hesperiidae	<i>Polites peckius</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL			adult
4036.11	Hesperiidae	<i>Polites peckius</i>	N border of Fidler-Greywillow Wildland Park, N Shore Lake Athabasca	59.2433°N	110.1501°W	23-Jul	DL	net		adult
4176.11	Papilionidae	<i>Papilio canadensis</i> *	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
4195.13	Pieridae	<i>Pieris oleracea</i> *	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4195.13	Pieridae	<i>Pieris oleracea</i> *	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4195.13	Pieridae	<i>Pieris oleracea</i> *	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4195.13	Pieridae	<i>Pieris oleracea</i> *	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4195.13	Pieridae	<i>Pieris oleracea</i> *	La Butte Creek Wildland Park	59.42126°N	111.44612°W	14-Jun	WN	net		adult
4195.13	Pieridae	<i>Pieris oleracea</i> *	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	net		adult
4195.13	Pieridae	<i>Pieris oleracea</i> *	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4197	Pieridae	<i>Pieris rapae</i>	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4201	Pieridae	<i>Euchloe creusa</i>	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4209	Pieridae	<i>Colias philodice</i>	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4209	Pieridae	<i>Colias philodice</i>	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4209	Pieridae	<i>Colias philodice</i>	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4209	Pieridae	<i>Colias philodice</i>	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4209	Pieridae	<i>Colias philodice</i>	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4211.12	Pieridae	<i>Colias christina</i>	East End of La Butte Creek Park	59.365°N	111.129°W	15-Jul	B. Gaudet	net		adult
4220	Pieridae	<i>Colias interior</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	DM, D.	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4220	Pieridae	<i>Colias interior</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	net		adult
4220	Pieridae	<i>Colias interior</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL			adult
4220	Pieridae	<i>Colias interior</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL			adult
4222	Pieridae	<i>Colias gigantea</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	net		adult
4222	Pieridae	<i>Colias gigantea</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	net		adult
4222	Pieridae	<i>Colias gigantea</i>	La Butte Creek Wildland Park	59.42126°N	111.44612°W	12-Jul	WN	net		adult
4222	Pieridae	<i>Colias gigantea</i>	La Butte Creek Wildland Park	59.42126°N	111.44612°W	13-Jul	WN	pan trap		adult
4222	Pieridae	<i>Colias gigantea</i>	La Butte Creek Wildland Park	59.42126°N	111.44612°W	14-Jul	T. Johnson	net		adult
4222	Pieridae	<i>Colias gigantea</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4222	Pieridae	<i>Colias gigantea</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4222	Pieridae	<i>Colias gigantea</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4222	Pieridae	<i>Colias gigantea</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4222	Pieridae	<i>Colias gigantea</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4222	Pieridae	<i>Colias gigantea</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4256	Lycaenidae	<i>Lycaena hyllus</i>	Burntwood Island, Lake Athabasca	58.9527°N	110.6145°W	21-Jul	DL	net	Very small sedge marsh on shore	adult
4256	Lycaenidae	<i>Lycaena hyllus</i>	Burntwood Island, Lake Athabasca	58.9527°N	110.6145°W	21-Jul	DL	net	Very small sedge marsh on shore	adult
4261	Lycaenidae	<i>Lycaena dorcas</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net		adult



MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
4261	Lycaenidae	Lycaena dorcas	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net		adult
4261	Lycaenidae	Lycaena dorcas	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net		adult
4261	Lycaenidae	Lycaena dorcas	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4261	Lycaenidae	Lycaena dorcas	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	net		adult
4261	Lycaenidae	Lycaena dorcas	Burntwood Island, Lake Athabasca	58.9527°N	110.6145°W	21-Jul	DL	net		adult
4261	Lycaenidae	Lycaena dorcas	NE of Fidler Point, N shore Lake Athabasca	59.115°N	110.410°W	22-Jul	DL	net		adult
4261	Lycaenidae	Lycaena dorcas	NE of Fidler Point, N shore Lake Athabasca	59.115°N	110.410°W	22-Jul	WN	net		adult
4362	Lycaenidae	Everes amyntula	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4362	Lycaenidae	Everes amyntula	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4362	Lycaenidae	Everes amyntula	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	net		adult
4362	Lycaenidae	Everes amyntula	La Butte Creek Wildland Park	59.42126°N	111.44612°W	12-Jul	T. Johnson	net		adult
4363.01	Lycaenidae	Celastrina ladon	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4372.01	Lycaenidae	Glaucopsyche lygdamus	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4372.01	Lycaenidae	Glaucopsyche lygdamus	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4372.01	Lycaenidae	Glaucopsyche lygdamus	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4383	Lycaenidae	Vacciniina optilete	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4383	Lycaenidae	Vacciniina optilete	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4383	Lycaenidae	Vacciniina optilete	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	DM	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4383	Lycaenidae	Vacciniina optilete	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	DM	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4383	Lycaenidae	Vacciniina optilete	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	DM	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4383	Lycaenidae	Vacciniina optilete	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	GP	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4383	Lycaenidae	Vacciniina optilete	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	GP	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4383	Lycaenidae	Vacciniina optilete	Upper La Butte Creek Wildland Park	59.36549°N	111.12988°W	12-Jul	T. Johnson	net		adult
4383	Lycaenidae	Vacciniina optilete	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL			adult
4383	Lycaenidae	Vacciniina optilete	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL			adult
4383	Lycaenidae	Vacciniina optilete	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4383	Lycaenidae	Vacciniina optilete	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4383	Lycaenidae	Vacciniina optilete	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
4383	Lycaenidae	Vacciniina optilete	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4383	Lycaenidae	Vacciniina optilete	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	T. Johnson	net		adult
4383	Lycaenidae	Vacciniina optilete	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	T. Johnson	net		adult
4384	Lycaenidae	Agriades glandon*	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	6-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4384	Lycaenidae	Agriades glandon*	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	6-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4384	Lycaenidae	Agriades glandon*	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	6-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4384	Lycaenidae	Agriades glandon*	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	6-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4384	Lycaenidae	Agriades glandon*	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	6-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4384	Lycaenidae	Agriades glandon*	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4384	Lycaenidae	Agriades glandon*	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4384	Lycaenidae	Agriades glandon*	Fidler Point, L. Athabasca	59.107°N	110.426°W	22-Jul	DL			adult
4422	Nymphalidae	Polygonia satyrus	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	13-Jul	T. Johnson	net		adult
4423	Nymphalidae	Polygonia faunus	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4423	Nymphalidae	Polygonia faunus	NE of Fidler Point, N shore Lake Athabasca	59.115°N	110.410°W	22-Jul	DL	net		adult
4433	Nymphalidae	Nymphalis milberti *	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	GP	net	Rock outcrop	adult
4433	Nymphalidae	Nymphalis milberti *	Bustard Island	58.80°N	111.77°W	8-Jun	RH	observed		adult
4433	Nymphalidae	Nymphalis milberti *	La Butte Creek Wildland Park	59.42126°N	111.44612°W	14-Jun	WN	net		adult
4433	Nymphalidae	Nymphalis milberti *	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net		adult
4433	Nymphalidae	Nymphalis milberti *	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL			adult
4435	Nymphalidae	Vanessa cardui	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
4435	Nymphalidae	Vanessa cardui	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4435	Nymphalidae	Vanessa cardui	N border of Fidler-Greywillow Wildland Park, N Shore Lake Athabasca	59.2433°N	110.1501°W	23-Jul	DL	net		adult
4437	Nymphalidae	Vanessa atalanta	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	7-Jul	GP	hand	Sedge Meadow	larvae
4437	Nymphalidae	Vanessa atalanta	Bustard Island	58.80°N	111.77°W	8-Jun	WN, RH	net		adult
4459	Nymphalidae	Speyeria atlantis	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
4459	Nymphalidae	Speyeria atlantis	NE of Fidler Point, N shore Lake Athabasca	59.115°N	110.410°W	22-Jul	DL	net		adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
4459	Nymphalidae	Speyeria atlantis	N border of Fidler-Greywillow Wildland Park, N Shore Lake Athabasca	59.2433°N	110.1501°W	23-Jul DL		net		adult
4459.1	Nymphalidae	Speyeria hesperis	West End of La Butte Creek Park	59.42126°N	111.44612°W	15-Jul	B. Gaudet	net		adult
4464	Nymphalidae	Boloria selene	La Butte Creek Wildland Park	59.42126°N	111.44612°W	13-Jul WN		net	Beaver pond, 3km E mouth of La Butte Ck.	adult
4464	Nymphalidae	Boloria selene	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul DM, GP, AR		net		adult
4464	Nymphalidae	Boloria selene	La Butte Creek Wildland Park	59.42126°N	111.44612°W	12-Jul WN		net		adult
4464	Nymphalidae	Boloria selene	West End of La Butte Creek Park	59.42126°N	111.44612°W	15-Jul	B. Gaudet	net		adult
4464	Nymphalidae	Boloria selene	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		net		adult
4466	Nymphalidae	Boloria frigga	Bustard Island	58.80°N	111.77°W	7-Jun WN, RH		net		adult
4471	Nymphalidae	Boloria freija	Fidler Point, L. Athabasca	59.107°N	110.426°W	12-Jun WN		net		adult
4471	Nymphalidae	Boloria freija	Fidler Point, L. Athabasca	59.107°N	110.426°W	12-Jun WN		net		adult
4475	Nymphalidae	Boloria chariclea	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		net		adult
4475	Nymphalidae	Boloria chariclea	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		net		adult
4475	Nymphalidae	Boloria chariclea	Whitesand Point (Fidler-Greywillow W. P.Pk.)	59.133°N	110.333°W	19-Jul WN		net		adult
4475	Nymphalidae	Boloria chariclea	Cypress Point (Lake Athabasca)	59.200°N	110.150°W	20-Jul WN		net		adult
4475	Nymphalidae	Boloria chariclea	NE of Fidler Point, N shore Lake Athabasca	59.115°N	110.410°W	22-Jul DL		net		adult
4475	Nymphalidae	Boloria chariclea	NE of Fidler Point, N shore Lake Athabasca	59.115°N	110.410°W	22-Jul DL		net		adult
4481.11	Nymphalidae	Phyciodes cocyta *	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul DM, GP, AR		net		adult
4481.11	Nymphalidae	Phyciodes cocyta *	La Butte Creek Wildland Park	59.42126°N	111.44612°W	12-Jul	T.Johnson	net		adult
4481.11	Nymphalidae	Phyciodes cocyta *	La Butte Creek Wildland Park	59.42126°N	111.44612°W	13-Jul	T.Johnson	net		adult
4481.11	Nymphalidae	Phyciodes cocyta *	West End of La Butte Creek Park	59.42126°N	111.44612°W	15-Jul	B. Gaudet	net		adult
4481.11	Nymphalidae	Phyciodes cocyta *	West End of La Butte Creek Park	59.42126°N	111.44612°W	15-Jul	B. Gaudet	net		adult
4522	Nymphalidae	Limenitis archippus	West End of La Butte Creek Park	59.42126°N	111.44612°W	15-Jul	B. Gaudet	net		adult
4523	Nymphalidae	Limenitis arthemis	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		net		adult
4585.04	Nymphalidae	Coenonympha tullia	West End of La Butte Creek Park	59.42126°N	111.44612°W	15-Jul	B. Gaudet	net		adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
4585.04	Nymphalidae	Coenonympha tullia	West End of La Butte Creek Park	59.42126°N	111.44612°W	15-Jul	B. Gaudet	net		adult
4585.04	Nymphalidae	Coenonympha tullia	West End of La Butte Creek Park	59.42126°N	111.44612°W	15-Jul	B. Gaudet	net		adult
4596	Nymphalidae	Erebia discoidalis	Bustard Island	58.80°N	111.77°W	8-Jun	RH	observed		adult
4605	Nymphalidae	Oeneis macounii	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4605	Nymphalidae	Oeneis macounii	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
4605	Nymphalidae	Oeneis macounii	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	10-Jul	DM, GP, AR	net	Rock outcrops; mixed Jack Pine and Aspen	adult
<b>B. Macro-moths:</b>										
6252	Drepanidae	Drepana bilineata	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
6252	Drepanidae	Drepana bilineata	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
6255	Drepanidae	Oreta rosea	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6255	Drepanidae	Oreta rosea	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6255	Drepanidae	Oreta rosea	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6280	Geometridae	Itame andersoni	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6280	Geometridae	Itame andersoni	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
6280	Geometridae	Itame andersoni	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
6280	Geometridae	Itame andersoni	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
6280	Geometridae	Itame andersoni	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
6280	Geometridae	Itame andersoni	La Butte Point on Slave R.	59.406°N	111.453°W	9-Jul	DM, GP, AR	net	white spruce forest	adult
6286	Geometridae	Itame brunneata	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6286	Geometridae	Itame brunneata	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
6286	Geometridae	Itame brunneata	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
6286	Geometridae	Itame brunneata	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
6286	Geometridae	Itame brunneata	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6286	Geometridae	Itame brunneata	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6286	Geometridae	Itame brunneata	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	net	rock outcrop	adult
6286	Geometridae	Itame brunneata	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	net	rock outcrop	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
6286	Geometridae	<i>Itame brunneata</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
6286	Geometridae	<i>Itame brunneata</i>	La Butte Point on Slave R.	59.406°N	111.453°W	9-Jul	DM, GP, AR	net	white spruce forest	adult
6290	Geometridae	<i>Itame loritaria</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
6330	Geometridae	<i>Semiothisa ulsterata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6330	Geometridae	<i>Semiothisa ulsterata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine.	adult
6349	Geometridae	<i>Semiothisa banksianae</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine.	adult
6349	Geometridae	<i>Semiothisa banksianae</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine.	adult
6394	Geometridae	<i>Semiothisa hebetata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine.	adult
6394	Geometridae	<i>Semiothisa hebetata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine.	adult
6394	Geometridae	<i>Semiothisa hebetata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
6588	Geometridae	<i>Iridopsis larvaria</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
6598	Geometridae	<i>Protoboarmia porcelaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6639	Geometridae	<i>Eufidonia discospilata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
6640	Geometridae	<i>Biston betularia</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
6640	Geometridae	<i>Biston betularia</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
6677	Geometridae	<i>Cabera erythemaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6677	Geometridae	<i>Cabera erythemaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6677	Geometridae	<i>Cabera erythemaria</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
6678	Geometridae	<i>Cabera variolaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6737	Geometridae	<i>Euchlaena tigrinaria</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
6737	Geometridae	<i>Euchlaena tigrinaria</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6755	Geometridae	<i>Pero morrisonaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6755	Geometridae	<i>Pero morrisonaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6755	Geometridae	<i>Pero morrisonaria</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
6796	Geometridae	<i>Campaea perlata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6796	Geometridae	<i>Campaea perlata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6796	Geometridae	<i>Campaea perlata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6796	Geometridae	<i>Campaea perlata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
6822	Geometridae	<i>Metarranthis duaria</i>	Bustard Island	58.80°N	111.77°W	7-Jun	WN, RH	net		adult
7058	Geometridae	<i>Synchlora aerata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
7058	Geometridae	<i>Synchlora aerata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7058	Geometridae	<i>Synchlora aerata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7058	Geometridae	<i>Synchlora aerata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7139	Geometridae	<i>Cyclophora pendulinaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
7139	Geometridae	<i>Cyclophora pendulinaria</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
7162	Geometridae	<i>Scopula ancillata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
7162	Geometridae	<i>Scopula ancillata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7166	Geometridae	<i>Scopula frigidaria</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
7166	Geometridae	<i>Scopula frigidaria</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
7169	Geometridae	<i>Scopula inductata</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
7185	Geometridae	<i>Dysstroma suspectata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		MV	rock outcrop; dry jackpine & lichen	adult
7185	Geometridae	<i>Dysstroma suspectata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		MV	rock outcrop; dry jackpine & lichen	adult
7185	Geometridae	<i>Dysstroma suspectata</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul DL		UV trap	rock outcrop; dry jackpine & lichen	adult
7188	Geometridae	<i>Dysstroma walkerata</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul DM, GP, AR		MV sheet	beaverpond	adult
7188	Geometridae	<i>Dysstroma walkerata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
7188	Geometridae	<i>Dysstroma walkerata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
7189	Geometridae	<i>Dysstroma hersiliata</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul DM, GP, AR		MV sheet	rock outcrop	adult
7189	Geometridae	<i>Dysstroma hersiliata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
7189	Geometridae	<i>Dysstroma hersiliata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
7206	Geometridae	<i>Eulithis explanata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7206	Geometridae	<i>Eulithis explanata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7206	Geometridae	<i>Eulithis explanata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7206	Geometridae	<i>Eulithis explanata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap		adult
7236	Geometridae	<i>Hydriomena renunciata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
7293	Geometridae	<i>Rheumaptera hastata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
7293	Geometridae	<i>Rheumaptera hastata</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul DM, GP, AR		UV trap	white spruce forest	adult
7368	Geometridae	<i>Xanthorhoe labradorensis</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
7368	Geometridae	<i>Xanthorhoe labradorensis</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
7368	Geometridae	<i>Xanthorhoe labradorensis</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
7370	Geometridae	<i>Xanthorhoe abrasaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
7370	Geometridae	<i>Xanthorhoe abrasaria</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
7370	Geometridae	<i>Xanthorhoe abrasaria</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul DL		UV trap	rock outcrop; dry jackpine & lichen	adult
7370	Geometridae	<i>Xanthorhoe abrasaria</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul DM, GP, AR		UV trap	white spruce forest	adult
7371	Geometridae	<i>Xanthorhoe iduata</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul DM, GP, AR		net	riparian forest	adult
7390	Geometridae	<i>Xanthorhoe lacustrata</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul DM, GP, AR		MV sheet	beaverpond	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
7399	Geometridae	<i>Euphyia unangulata</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
7415	Geometridae	<i>Orthonama evansi</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
7415	Geometridae	<i>Orthonama evansi</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
7415	Geometridae	<i>Orthonama evansi</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7430	Geometridae	<i>Trichodezia albovittata</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7487	Geometridae	<i>Eupithecia subfuscata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7528.01	Geometridae	<i>Eupithecia assimidata</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
7529.01	Geometridae	<i>Eupithecia absinthiata</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
7529.01	Geometridae	<i>Eupithecia absinthiata</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
7529.01	Geometridae	<i>Eupithecia absinthiata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7564	Geometridae	<i>Eupithecia stellata</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7626	Geometridae	<i>Carsia sororiata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
7687	Lasiocampidae	<i>Phyllodesma americana</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	larva
7698	Lasiocampidae	<i>Malacosoma disstria</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7698	Lasiocampidae	<i>Malacosoma disstria</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7698	Lasiocampidae	<i>Malacosoma disstria</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7757	Saturniidae	<i>Antheraea polyphemus</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult



MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
7821	Sphingidae	<i>Smerinthus jamaicensis</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7821	Sphingidae	<i>Smerinthus jamaicensis</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7821	Sphingidae	<i>Smerinthus jamaicensis</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7853	Sphingidae	<i>Hemaris thysbe</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
7886	Sphingidae	<i>Darapsa pholus</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
7886	Sphingidae	<i>Darapsa pholus</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
7893	Sphingidae	<i>Hyles gallii</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	larva
7901	Notodontidae	<i>Clostera apicalis</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
7915	Notodontidae	<i>Nadata gibossa</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
7915	Notodontidae	<i>Nadata gibossa</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
7922	Notodontidae	<i>Pheosia rimosa</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
7931	Notodontidae	<i>Gluphisia septentrionis</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8007	Notodontidae	<i>Schizura unicornis</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
8007	Notodontidae	<i>Schizura unicornis</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8007	Notodontidae	<i>Schizura unicornis</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8007	Notodontidae	<i>Schizura unicornis</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
8011	Notodontidae	<i>Schizura leptinoides</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap	beach	adult
8011	Notodontidae	<i>Schizura leptinoides</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap	beach	adult
8011	Notodontidae	<i>Schizura leptinoides</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8011	Notodontidae	<i>Schizura leptinoides</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8011	Notodontidae	<i>Schizura leptinoides</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
8043	Arctiidae	<i>Eilema bicolor</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8043	Arctiidae	<i>Eilema bicolor</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
8043	Arctiidae	<i>Eilema bicolor</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8043	Arctiidae	<i>Eilema bicolor</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8043	Arctiidae	<i>Eilema bicolor</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8043	Arctiidae	<i>Eilema bicolor</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
8098	Arctiidae	<i>Clemensia albata</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
8098	Arctiidae	<i>Clemensia albata</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
8098	Arctiidae	<i>Clemensia albata</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
8098	Arctiidae	<i>Clemensia albata</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
8111	Arctiidae	<i>Haploa lecontei</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8111	Arctiidae	<i>Haploa lecontei</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	washup on beach		adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8123.11	Arctiidae	<i>Holomelina</i> sp. nr. <i>ferruginosa</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL			adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
8123.11	Arctiidae	Holomelina sp. nr. ferruginosa	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL			adult
8137	Arctiidae	Spilosoma virginica	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8137	Arctiidae	Spilosoma virginica	La Butte Wildland Park			12-Jul	T. Johnson			adult
8162	Arctiidae	Platarctia parthenos	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8162	Arctiidae	Platarctia parthenos	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8175.11	Arctiidae	Grammia speciosa *	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
8175.11	Arctiidae	Grammia speciosa *	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8186	Arctiidae	Grammia williamsii	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
8186	Arctiidae	Grammia williamsii	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8186	Arctiidae	Grammia williamsii	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
8186	Arctiidae	Grammia williamsii	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap		adult
8186	Arctiidae	Grammia williamsii	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap		adult
8186	Arctiidae	Grammia williamsii	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap		adult
8186	Arctiidae	Grammia williamsii	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap		adult
8186	Arctiidae	Grammia williamsii	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL			adult
8214	Arctiidae	Lophocampa maculata	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
8214	Arctiidae	Lophocampa maculata	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8267	Arctiidae	Cisseps fulvicollis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
8267	Arctiidae	Cisseps fulvicollis	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8267	Arctiidae	Cisseps fulvicollis	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL			adult
8267	Arctiidae	Cisseps fulvicollis	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net		adult
8267	Arctiidae	Cisseps fulvicollis	Whitesand Point (Fidler-Greywillow W. P.Pk.)	59.133°N	110.333°W	19-Jul	WN	net		adult
8294	Lymantriidae	Dasychira vagans	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap	beach	adult
8294	Lymantriidae	Dasychira vagans	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap	beach	adult
8304	Lymantriidae	Dasychira plagiata	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8316	Lymantriidae	Orgyia leucostigma	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	larva
8322	Noctuidae	Idia americalis	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
8323	Noctuidae	<i>Idia aemula</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
8323	Noctuidae	<i>Idia aemula</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8323	Noctuidae	<i>Idia aemula</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8323	Noctuidae	<i>Idia aemula</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8323	Noctuidae	<i>Idia aemula</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
8323	Noctuidae	<i>Idia aemula</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
8323.11	Noctuidae	<i>Idia sp. nr. aemula</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8323.11	Noctuidae	<i>Idia sp. nr. aemula</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8323.11	Noctuidae	<i>Idia sp. nr. aemula</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
8323.11	Noctuidae	<i>Idia sp. nr. aemula</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
8323.11	Noctuidae	<i>Idia sp. nr. aemula</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8323.11	Noctuidae	<i>Idia sp. nr. aemula</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8323.11	Noctuidae	<i>Idia sp. nr. aemula</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	UV trap		adult
8338	Noctuidae	<i>Phalaenophana pyramusalis</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
8354	Noctuidae	<i>Zanclognatha lotalba</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8356	Noctuidae	<i>Chytolita petrealis</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8356	Noctuidae	<i>Chytolita petrealis</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
8359	Noctuidae	<i>Macrochilo bivittata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8359	Noctuidae	<i>Macrochilo bivittata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8362	Noctuidae	<i>Phalaenostola metonalis</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
8397	Noctuidae	<i>Palthis angulalis</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
8404	Noctuidae	<i>Rivula propinqualis</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8421	Noctuidae	<i>Hypenodes fractilinea</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8421	Noctuidae	<i>Hypenodes fractilinea</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
8421	Noctuidae	<i>Hypenodes fractilinea</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult

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8421	Noctuidae	<i>Hyphenodes fractilinea</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8555	Noctuidae	<i>Scoliopteryx libatrix</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	22-Jul	DL			adult
8881	Noctuidae	<i>Abrostola urentis</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
8896	Noctuidae	<i>Diachrysia aereoides</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8904	Noctuidae	<i>Chrysanympa formosa</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8904	Noctuidae	<i>Chrysanympa formosa</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8904	Noctuidae	<i>Chrysanympa formosa</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
8904	Noctuidae	<i>Chrysanympa formosa</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL			adult
8911	Noctuidae	<i>Autographa bimaculata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8912	Noctuidae	<i>Autographa mappa</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8923	Noctuidae	<i>Autographa ampla</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8926	Noctuidae	<i>Syngrapha octoscripta</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8926	Noctuidae	<i>Syngrapha octoscripta</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8926	Noctuidae	<i>Syngrapha octoscripta</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
8926	Noctuidae	<i>Syngrapha octoscripta</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
8927	Noctuidae	<i>Syngrapha epigaea</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
8928	Noctuidae	<i>Syngrapha selecta</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
8939	Noctuidae	<i>Syngrapha alias</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
8939	Noctuidae	<i>Syngrapha alias</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
8939	Noctuidae	<i>Syngrapha alias</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul DL				adult
8946	Noctuidae	<i>Syngrapha microgamma</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		net	dry ledum bog	adult
8950	Noctuidae	<i>Plusia putnami</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul DL		UV trap	rock outcrop; dry jackpine & lichen	adult
8950	Noctuidae	<i>Plusia putnami</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8950	Noctuidae	<i>Plusia putnami</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8950	Noctuidae	<i>Plusia putnami</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8950	Noctuidae	<i>Plusia putnami</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul DM, GP, AR		UV trap	rock outcrop	adult
8953	Noctuidae	<i>Plusia venusta</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
8953	Noctuidae	<i>Plusia venusta</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul DM, GP, AR		UV trap	rock outcrop	adult
8953	Noctuidae	<i>Plusia venusta</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
8953	Noctuidae	<i>Plusia venusta</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
8953	Noctuidae	<i>Plusia venusta</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
8953	Noctuidae	<i>Plusia venusta</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
8990	Noctuidae	<i>Nola cilicoides</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul DM, GP, AR		MV sheet	beaverpond	adult
8990	Noctuidae	<i>Nola cilicoides</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
8990	Noctuidae	<i>Nola cilicoides</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
8990	Noctuidae	<i>Nola cilicoides</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
9177	Noctuidae	<i>Panthea acronyctoides</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		MV	rock outcrop; dry jackpine & lichen	adult
9177	Noctuidae	<i>Panthea acronyctoides</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul DM, GP, AR		UV trap	white spruce forest	adult
9183	Noctuidae	<i>Panthea pallescens</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult

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9183	Noctuidae	<i>Panthea pallescens</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
9183	Noctuidae	<i>Panthea pallescens</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap		adult
9183	Noctuidae	<i>Panthea pallescens</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul DL				adult
9183	Noctuidae	<i>Panthea pallescens</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul DL				adult
9193	Noctuidae	<i>Raphia frater</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
9193	Noctuidae	<i>Raphia frater</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap		adult
9203	Noctuidae	<i>Acronicta dactylina</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul DM, GP, AR		MV sheet	beaverpond	adult
9207	Noctuidae	<i>Acronicta innotata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
9207	Noctuidae	<i>Acronicta innotata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
9212	Noctuidae	<i>Acronicta grisea</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
9272	Noctuidae	<i>Acronicta oblongata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
9280	Noctuidae	<i>Simyra henrici</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
9318	Noctuidae	<i>Alypia langtoni</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		net	rock outcrop	adult
9318	Noctuidae	<i>Alypia langtoni</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		net	rock outcrop	adult
9359	Noctuidae	<i>Apamea commoda</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
9359	Noctuidae	<i>Apamea commoda</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
9359	Noctuidae	<i>Apamea commoda</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
9367.11	Noctuidae	<i>Apamea cogitata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL				adult
9367.11	Noctuidae	<i>Apamea cogitata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL				adult
9384.31	Noctuidae	<i>Apamea scoparia</i> *	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
9391	Noctuidae	<i>Luperina passer</i> *	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
9391	Noctuidae	<i>Luperina passer</i> *	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
9391	Noctuidae	<i>Luperina passer</i> *	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
9391	Noctuidae	<i>Luperina passer</i> *	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
9391	Noctuidae	<i>Luperina passer</i> *	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
9431.01	Noctuidae	<i>Parastichtis suspecta</i> *	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap		adult
9431.01	Noctuidae	<i>Parastichtis suspecta</i> *	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap		adult
9437	Noctuidae	<i>Chortodes inquinata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
9437	Noctuidae	<i>Chortodes inquinata</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
9437	Noctuidae	Chortodes inquinata	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
9437	Noctuidae	Chortodes inquinata	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
9437	Noctuidae	Chortodes inquinata	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
9440	Noctuidae	Chortodes rufostriata	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
9440	Noctuidae	Chortodes rufostriata	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
9550	Noctuidae	Enargia infumata	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
9556	Noctuidae	Chytonix palliatricula	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
9578.11	Noctuidae	Hyppa sp. nr. xylinoidea	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap	beach	adult
9578.11	Noctuidae	Hyppa sp. nr. xylinoidea	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
9647	Noctuidae	Athetis miranda	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
10055	Noctuidae	Apharetra dentata	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
10055	Noctuidae	Apharetra dentata	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
10055	Noctuidae	Apharetra dentata	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
10199	Noctuidae	Cucullia sp. prob. omissa	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
10276	Noctuidae	Polia imbrifera	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
10276	Noctuidae	Polia imbrifera	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
10281.31	Noctuidae	Polia propodea	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
10288	Noctuidae	Polia detracta	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
10288	Noctuidae	Polia detracta	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
10292	Noctuidae	Melanchra adjuncta	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
10296	Noctuidae	Lacanobia nevadae	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
10297	Noctuidae	Lacanobia atlantica	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap	beach	adult
10297	Noctuidae	Lacanobia atlantica	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
10297	Noctuidae	Lacanobia atlantica	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
10297	Noctuidae	Lacanobia atlantica	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
10298	Noctuidae	Lacanobia radix	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
10301	Noctuidae	Spiramater lutra	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult



MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
10303	Noctuidae	<i>Trichordestra tacoma</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
10436	Noctuidae	<i>Aletia oxygala</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
10436	Noctuidae	<i>Aletia oxygala</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
10436	Noctuidae	<i>Aletia oxygala</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul DM, GP, AR		MV sheet	beaverpond	adult
10436	Noctuidae	<i>Aletia oxygala</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul DM, GP, AR		MV sheet	beaverpond	adult
10436	Noctuidae	<i>Aletia oxygala</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10436	Noctuidae	<i>Aletia oxygala</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap		adult
10449	Noctuidae	<i>Leucania insueta</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
10449	Noctuidae	<i>Leucania insueta</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
10644	Noctuidae	<i>Trichosilia mollis</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
10644	Noctuidae	<i>Trichosilia mollis</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul DM, GP, AR		UV trap	rock outcrop	adult
10644	Noctuidae	<i>Trichosilia mollis</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul DM, GP, AR		MV sheet	rock outcrop	adult
10644	Noctuidae	<i>Trichosilia mollis</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
10703	Noctuidae	<i>Euxoa sinilinea</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
10703	Noctuidae	<i>Euxoa sinilinea</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
10703	Noctuidae	<i>Euxoa sinilinea</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10891.01	Noctuidae	<i>Ochropleura implecta</i> *	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul DM, GP, AR		MV sheet	beaverpond	adult
10891.01	Noctuidae	<i>Ochropleura implecta</i> *	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul DL		UV trap	rock outcrop; dry jackpine & lichen	adult
10891.01	Noctuidae	<i>Ochropleura implecta</i> *	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10891.01	Noctuidae	<i>Ochropleura implecta</i> *	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul DM, GP, AR		MV sheet	sedge meadow	adult
10917	Noctuidae	<i>Diarsia rubifera</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul DL		UV trap		adult
10928	Noctuidae	<i>Graphiphora augur</i>	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul DL		UV trap	rock outcrop; dry jackpine & lichen	adult
10928	Noctuidae	<i>Graphiphora augur</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul DL		UV trap		adult
10929	Noctuidae	<i>Eurois occulta</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
10929	Noctuidae	<i>Eurois occulta</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap		adult
10930	Noctuidae	<i>Eurois astricta</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10947	Noctuidae	<i>Xestia oblata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10947	Noctuidae	<i>Xestia oblata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul DM, GP, AR		MV sheet	sedge meadow	adult
10962	Noctuidae	<i>Xestia perquiritata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10962	Noctuidae	<i>Xestia perquiritata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10962	Noctuidae	<i>Xestia perquiritata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10962	Noctuidae	<i>Xestia perquiritata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10965	Noctuidae	<i>Xestia imperita</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul DL		MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
10965	Noctuidae	<i>Xestia imperita</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap		adult
10965	Noctuidae	<i>Xestia imperita</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap		adult
10965	Noctuidae	<i>Xestia imperita</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul DL				adult
10988.01	Noctuidae	<i>Coenophila opacifrons</i> *	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap		adult
11001	Noctuidae	<i>Anaplectoides pressus</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul DL		UV trap	beach	adult
11001	Noctuidae	<i>Anaplectoides pressus</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
11001	Noctuidae	<i>Anaplectoides pressus</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul DM, GP, AR		UV trap	black spruce/Ledum bog	adult
11001	Noctuidae	<i>Anaplectoides pressus</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul DM, GP, AR		MV sheet	white spruce forest	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
11008	Noctuidae	Eueretagrotis perattenta	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
11012	Noctuidae	Cryptocala acadensis	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
11041	Noctuidae	Abagrotis placida	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
11041	Noctuidae	Abagrotis placida	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
11041	Noctuidae	Abagrotis placida	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL			adult
11064	Noctuidae	Pyrrhia exprimens	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
<b>C. Micro-moths:</b>										
19	Hepialidae	Sthenopis purpurascens	N Shore Lake Athabasca, 2 km SW of Fidler Point	59.107°N	110.425°W	24-Jul	DL	UV trap	rock outcrop; dry jackpine & lichen	adult
19	Hepialidae	Sthenopis purpurascens	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
19	Hepialidae	Sthenopis purpurascens	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
118.91	Nepticulidae	Nepticulidae sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
399	Tineidae	Tinea irrepta	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
399	Tineidae	Tinea irrepta	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
412	Tineidae	Niditinea orleansella	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
412	Tineidae	Niditinea orleansella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
415.11	Tineidae	Monopis sp. nr. laevigella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
415.11	Tineidae	Monopis sp. nr. laevigella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
418	Tineidae	Monopis monachella	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
421	Tineidae	Monopis spilotella	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
421	Tineidae	Monopis spilotella	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV	white spruce forest	adult
560	Bucculatricidae	Bucculatrix sp. prob. canadensisella	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
669	Gracillariidae	Parornix conspicuella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
852	Gracillariidae	Phyllocnistis populiella	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	empty leaf mine

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
2457	Yponomeutidae	<i>Argyresthia goedartella</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		net	On White Birch	adult
2457	Yponomeutidae	<i>Argyresthia goedartella</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		net	On White Birch	adult
2457	Yponomeutidae	<i>Argyresthia goedartella</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul DL		net	On White Birch	adult
2365	Plutellidae	<i>Plutella vanella</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
2365	Plutellidae	<i>Plutella vanella</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul DM, GP, AR		MV sheet	white spruce forest	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap	Mixed Birch / Jack Pine	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap	Mixed Birch / Jack Pine	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul DL		UV trap	Mixed Birch / Jack Pine	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul DM, GP, AR		hand	riparian forest, at dusk	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul DM, GP, AR		hand	riparian forest, at dusk	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul DM, GP, AR		net	riparian forest	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul DM, GP, AR		net	riparian forest	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul DM, GP, AR		net	riparian forest	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	8-Jul DM, GP, AR		hand	riparian forest, on yellow crucifer	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	8-Jul DM, GP, AR		hand	riparian forest, on yellow crucifer	adult
2366	Plutellidae	<i>Plutella xylostella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	8-Jul DM, GP, AR		hand	riparian forest, on yellow crucifer	adult
2366	Plutellidae	<i>Plutella xylostella</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		net	rock outcrop	adult
1219.41	Coleophoridae	<i>Hypatopa</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul DM, GP, AR		UV trap	rock outcrop	adult
1253.41	Coleophoridae	<i>Pigritia</i> sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul DM, GP, AR		MV sheet	white spruce forest	adult
1388	Coleophoridae	<i>Coleophora trifolii</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul DM, GP, AR		MV sheet	beaverpond	adult
1388	Coleophoridae	<i>Coleophora trifolii</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul DM, GP, AR		net	riparian forest	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
1388	Coleophoridae	<i>Coleophora trifolii</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1398.5	Coleophoridae	<i>Coleophora</i> spp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1457	Coleophoridae	<i>Mompha tricristatella</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	hand	riparian forest, at dusk	adult
1458.41	Coleophoridae	<i>Mompha</i> sp. A.	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	hand	riparian forest, at dusk	adult
1515	Cosmopterigidae	<i>Limnaecia phragmitella</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
1515	Cosmopterigidae	<i>Limnaecia phragmitella</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
1515	Cosmopterigidae	<i>Limnaecia phragmitella</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
1515	Cosmopterigidae	<i>Limnaecia phragmitella</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
1515	Cosmopterigidae	<i>Limnaecia phragmitella</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
1833.41	Gelechiidae	<i>Coleotechnites</i> sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
1833.41	Gelechiidae	<i>Coleotechnites</i> sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
1833.41	Gelechiidae	<i>Coleotechnites</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1833.41	Gelechiidae	<i>Coleotechnites</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1833.41	Gelechiidae	<i>Coleotechnites</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1833.61	Gelechiidae	? <i>Coleotechnites</i> sp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
1833.61	Gelechiidae	? Coleotechnites sp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1833.61	Gelechiidae	? Coleotechnites sp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1833.61	Gelechiidae	? Coleotechnites sp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1833.61	Gelechiidae	? Coleotechnites sp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1833.61	Gelechiidae	? Coleotechnites sp.	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1859.61	Gelechiidae	? Telphusa sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
1859.61	Gelechiidae	? Telphusa sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
1859.61	Gelechiidae	? Telphusa sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
1859.61	Gelechiidae	? Telphusa sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1925.41	Gelechiidae	Bryotropha sp. A	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
1925.41	Gelechiidae	Bryotropha sp. A	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
1925.41	Gelechiidae	Bryotropha sp. A	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	hand	riparian forest, at dusk	adult
1925.41	Gelechiidae	Bryotropha sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1925.41	Gelechiidae	Bryotropha sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1925.41	Gelechiidae	Bryotropha sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1925.41	Gelechiidae	Bryotropha sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1925.41	Gelechiidae	Bryotropha sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	9-Jul	DM, GP, AR	net	south-facing sage slope	adult
1946	Gelechiidae	Gelechia lynceella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1946	Gelechiidae	Gelechia lynceella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
1946	Gelechiidae	Gelechia lynceella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2090	Gelechiidae	Chionodes lugubrella	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	net	black spruce/Ledum bog	adult
2090	Gelechiidae	Chionodes lugubrella	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2090	Gelechiidae	Chionodes lugubrella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2090	Gelechiidae	Chionodes lugubrella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2125.41	Gelechiidae	Chionodes sp. A	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
2125.41	Gelechiidae	Chionodes sp. A	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
2125.41	Gelechiidae	Chionodes sp. A	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
2125.41	Gelechiidae	Chionodes sp. A	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
2125.41	Gelechiidae	Chionodes sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2125.41	Gelechiidae	Chionodes sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2125.41	Gelechiidae	Chionodes sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
2125.42	Gelechiidae	Chionodes sp. B	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2125.43	Gelechiidae	Chionodes sp. C	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2125.44	Gelechiidae	Chionodes sp. D	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2125.44	Gelechiidae	Chionodes sp. D	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2125.44	Gelechiidae	Chionodes sp. D	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
2125.45	Gelechiidae	Chionodes sp. E	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	net	rock outcrop	adult
2127	Gelechiidae	Filatima abactella	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	11-Jul	DM, GP, AR	net	riparian forest	adult
2127	Gelechiidae	Filatima abactella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2267	Gelechiidae	Helcystogramma fernaldella	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2311.91	Gelechiidae	Gelechiidae sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2311.91	Gelechiidae	Gelechiidae sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2311.92	Gelechiidae	Gelechiidae sp. B	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2311.92	Gelechiidae	Gelechiidae sp. B	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2311.92	Gelechiidae	Gelechiidae sp. B	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2311.92	Gelechiidae	Gelechiidae sp. B	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2311.92	Gelechiidae	Gelechiidae sp. B	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2311.92	Gelechiidae	Gelechiidae sp. B	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2311.92	Gelechiidae	Gelechiidae sp. B	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2311.93	Gelechiidae	Gelechiidae sp. C	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2311.94	Gelechiidae	Gelechiidae sp. D	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	7-Jul	DM, GP, AR	hand	riparian forest, at dusk	adult
2311.94	Gelechiidae	Gelechiidae sp. D	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2533	Sesiidae	Albuna pyramidalis	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net	SE & NW of base camp; shoreline, aspen.	adult
2533	Sesiidae	Albuna pyramidalis	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net	SE & NW of base camp; shoreline, aspen.	adult
2676	Cossidae	Acossus populi	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2676	Cossidae	Acossus populi	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2706	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2707	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2708	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2709	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2710	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2711	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2712	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2713	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2714	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2715	Tortricidae	Bactra furfurana	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2716	Tortricidae	Bactra furfurana	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2717	Tortricidae	Bactra furfurana	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2718	Tortricidae	Bactra furfurana	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2719	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2720	Tortricidae	Bactra furfurana	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2743	Tortricidae	Endothenia nubilana	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
2743	Tortricidae	<i>Endothenia nubilana</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2743	Tortricidae	<i>Endothenia nubilana</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2745	Tortricidae	<i>Taniva albolineana</i> *	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2747	Tortricidae	<i>Hulda impudens</i> *	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
2747	Tortricidae	<i>Hulda impudens</i> *	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
2747	Tortricidae	<i>Hulda impudens</i> *	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
2747	Tortricidae	<i>Hulda impudens</i> *	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
2747	Tortricidae	<i>Hulda impudens</i> *	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
2753	Tortricidae	<i>Apotomis capreana</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2753	Tortricidae	<i>Apotomis capreana</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
2753	Tortricidae	<i>Apotomis capreana</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
2753	Tortricidae	<i>Apotomis capreana</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
2755	Tortricidae	<i>Apotomis prob. funerea</i>	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
2755	Tortricidae	<i>Apotomis prob. funerea</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2755	Tortricidae	<i>Apotomis prob. funerea</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2767	Tortricidae	<i>Apotomis infida</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2767	Tortricidae	<i>Apotomis infida</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2767	Tortricidae	<i>Apotomis infida</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2768	Tortricidae	<i>Apotomis removana</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2769	Tortricidae	<i>Pseudosciaphila duplex</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2770	Tortricidae	<i>Orthotaenia undulana</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
2770	Tortricidae	<i>Orthotaenia undulana</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
2770	Tortricidae	<i>Orthotaenia undulana</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2770	Tortricidae	<i>Orthotaenia undulana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2839	Tortricidae	<i>Olethreutes metallica</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2839	Tortricidae	<i>Olethreutes metallica</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2839	Tortricidae	<i>Olethreutes metallica</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2839	Tortricidae	<i>Olethreutes metallica</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net		adult
2847	Tortricidae	<i>Olethreutes prob. glaciana</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2847	Tortricidae	<i>Olethreutes prob. glaciana</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
2847	Tortricidae	<i>Olethreutes prob. glaciana</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult



MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	11-Jul	DM, GP, AR	net	riparian forest	adult
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2847	Tortricidae	<i>Olethreutes</i> prob. <i>glaciana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2848	Tortricidae	<i>Olethreutes</i> <i>bipartitana</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2859	Tortricidae	<i>Olethreutes</i> prob. <i>cespitana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
2859	Tortricidae	<i>Olethreutes</i> prob. <i>cespitana</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2859	Tortricidae	<i>Olethreutes</i> prob. <i>cespitana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
2859	Tortricidae	<i>Olethreutes</i> prob. <i>cespitana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net		adult
2859.41	Tortricidae	<i>Olethreutes</i> sp. A	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	adult
2859.42	Tortricidae	<i>Olethreutes</i> sp. B	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
2859.42	Tortricidae	<i>Olethreutes</i> sp. B	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
2859.42	Tortricidae	<i>Olethreutes</i> sp. B	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
2859.43	Tortricidae	<i>Olethreutes</i> sp. C	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	adult
2861	Tortricidae	<i>Hedya ochroleucana</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
2861	Tortricidae	<i>Hedya ochroleucana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
2861	Tortricidae	<i>Hedya ochroleucana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
2900	Tortricidae	<i>Retinia burkeana</i> *	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
2902.61	Tortricidae	? <i>Retinia</i> sp. A *	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
2902.61	Tortricidae	? <i>Retinia</i> sp. A *	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2902.61	Tortricidae	? <i>Retinia</i> sp. A *	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
2902.61	Tortricidae	? <i>Retinia</i> sp. A *	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
3007.41	Tortricidae	<i>Phaneta</i> sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	9-Jul	DM, GP, AR	net	south-facing sage slope	adult
3007.41	Tortricidae	<i>Phaneta</i> sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	9-Jul	DM, GP, AR	net	south-facing sage slope	adult
3007.41	Tortricidae	<i>Phaneta</i> sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	9-Jul	DM, GP, AR	net	south-facing sage slope	adult
3007.41	Tortricidae	<i>Phaneta</i> sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	9-Jul	DM, GP, AR	net	south-facing sage slope	adult
3007.41	Tortricidae	<i>Phaneta</i> sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	9-Jul	DM, GP, AR	net	south-facing sage slope	adult
3223	Tortricidae	<i>Gypsonoma fasciolana</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3227	Tortricidae	<i>Gypsonoma substitutionis</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3227	Tortricidae	<i>Gypsonoma substitutionis</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3227	Tortricidae	<i>Gypsonoma substitutionis</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3276	Tortricidae	? <i>Rhopobota unipunctana</i> *	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
3302	Tortricidae	<i>Epinotia rectiplicana</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
3302	Tortricidae	<i>Epinotia rectiplicana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
3304	Tortricidae	<i>Epinotia</i> prob. <i>solicitana</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
3304	Tortricidae	<i>Epinotia</i> prob. <i>solicitana</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
3312	Tortricidae	<i>Epinotia</i> prob. <i>momonana</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3355.11	Tortricidae	<i>Ancylis</i> sp. nr. <i>subaequana</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
3504	Tortricidae	<i>CARSia curvalana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
3504	Tortricidae	<i>CARSia curvalana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
3504	Tortricidae	<i>CARSia curvalana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
3594	Tortricidae	<i>Pandemis limitata</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
3594	Tortricidae	<i>Pandemis limitata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
3594	Tortricidae	<i>Pandemis limitata</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
3594	Tortricidae	<i>Pandemis limitata</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
3635	Tortricidae	<i>Choristoneura rosaceana</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
3635	Tortricidae	<i>Choristoneura rosaceana</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
3635	Tortricidae	<i>Choristoneura rosaceana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
3635	Tortricidae	<i>Choristoneura rosaceana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
3635	Tortricidae	<i>Choristoneura rosaceana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
3637	Tortricidae	<i>Choristoneura conflictana</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	11-Jul	DM, GP, AR	net	riparian forest	adult
3637	Tortricidae	<i>Choristoneura conflictana</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3638	Tortricidae	<i>Choristoneura fumiferana</i>	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
3638	Tortricidae	<i>Choristoneura fumiferana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
3638	Tortricidae	<i>Choristoneura fumiferana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
3638	Tortricidae	<i>Choristoneura fumiferana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net	rock outcrops with lichens & jack pine; Sandy beaches with willow & birch; also black spruce, labrador tea.	adult
3638	Tortricidae	<i>Choristoneura fumiferana</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	adult
3638	Tortricidae	<i>Choristoneura fumiferana</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3638	Tortricidae	<i>Choristoneura fumiferana</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
3638	Tortricidae	<i>Choristoneura fumiferana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
3638	Tortricidae	<i>Choristoneura fumiferana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
3648	Tortricidae	<i>Archips argyrospila</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	adult
3648	Tortricidae	<i>Archips argyrospila</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
3665	Tortricidae	<i>Archips AB</i>	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
3675	Tortricidae	<i>Aphelia alleniana</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
3682	Tortricidae	<i>Clepsis persicana</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
3682	Tortricidae	<i>Clepsis persicana</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3682	Tortricidae	<i>Clepsis persicana</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3682	Tortricidae	<i>Clepsis persicana</i>	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
3682	Tortricidae	<i>Clepsis persicana</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
3684	Tortricidae	<i>Clepsis clemensiana</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
3688	Tortricidae	<i>Clepsis peritana</i> *	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
3689	Tortricidae	<i>Clepsis virescana</i> *	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
3689	Tortricidae	<i>Clepsis virescana</i> *	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
3740	Tortricidae	<i>Platynota idaeusalis</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	adult
3740	Tortricidae	<i>Platynota idaeusalis</i>	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	MV sheet	riparian forest	adult
3796	Tortricidae	<i>Phtheochroa waracana</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
3833.11	Tortricidae	<i>Aethes monera</i> *	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
6103.61	Pterophoridae	<i>Trichoptilus</i> sp. A	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
6107	Pterophoridae	<i>Gillmeria pallidactyla</i> *	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
6152.61	Pterophoridae	<i>Stenoptilia</i> sp. A	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
5694.61	Pyralidae	Acrobasis sp. A	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
5694.61	Pyralidae	Acrobasis sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5730	Pyralidae	Dasypyga alternosquamella	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
5843	Pyralidae	Dioryctria reniculelloides	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	18-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
5843	Pyralidae	Dioryctria reniculelloides	"Eagle's nest Bay", N shore Lake Athabasca, 3.5 km NE of Fidler Point.	59.1150°N	110.4098°W	23-Jul	DL	MV	rock outcrop above creek & estuary; grasses, willow, birch, jackpine	adult
5843	Pyralidae	Dioryctria reniculelloides	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5999	Pyralidae	Eulogia ochrifrontella	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
5999	Pyralidae	Eulogia ochrifrontella	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
5999	Pyralidae	Eulogia ochrifrontella	Fidler Point, L. Athabasca	59.107°N	110.426°W	23-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
5999	Pyralidae	Eulogia ochrifrontella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5999	Pyralidae	Eulogia ochrifrontella	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5999	Pyralidae	Eulogia ochrifrontella	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
5999	Pyralidae	Eulogia ochrifrontella	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
5999	Pyralidae	Eulogia ochrifrontella	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
5999	Pyralidae	Eulogia ochrifrontella	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	MV sheet	white spruce forest	adult
6011.91	Pyralidae	Vitula sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
6011.91	Pyralidae	Vitula sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6011.92	Pyralidae	Vitula sp. B	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6041.91	Pyralidae	Phycitinae sp. A	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
6041.91	Pyralidae	Phycitinae sp. A	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
6041.91	Pyralidae	Phycitinae sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
6041.91	Pyralidae	Phycitinae sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap	Mixed Birch / Jack Pine	adult
6041.91	Pyralidae	Phycitinae sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6041.91	Pyralidae	Phycitinae sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	19-Jul	DL	UV trap		adult
6041.92	Pyralidae	Phycitinae sp. B	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6041.92	Pyralidae	Phycitinae sp. B	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6041.92	Pyralidae	Phycitinae sp. B	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
6075.91	Pyralidae	Pyralidae sp. A	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
6075.91	Pyralidae	Pyralidae sp. A	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
6075.91	Pyralidae	Pyralidae sp. A	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
6075.91	Pyralidae	Pyralidae sp. A	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
6075.91	Pyralidae	Pyralidae sp. A	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
4748	Crambidae	MunARssa icciusalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4748	Crambidae	MunARssa icciusalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4748	Crambidae	MunARssa icciusalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4748	Crambidae	MunARssa icciusalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4748	Crambidae	MunARssa icciusalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4748	Crambidae	MunARssa icciusalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4748	Crambidae	MunARssa icciusalis	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net	rock outcrops with lichens & jack pine; Sandy beaches with willow & birch; also black spruce, labrador tea.	adult
4755	Crambidae	Synclita oblitalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4755	Crambidae	Synclita oblitalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4755	Crambidae	Synclita oblitalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4755	Crambidae	Synclita oblitalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4755	Crambidae	Synclita oblitalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4755	Crambidae	Synclita oblitalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4755	Crambidae	Synclita oblitalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4755	Crambidae	Synclita oblitalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4755	Crambidae	Synclita oblitalis	500m N mouth of La Butte Ck.	59.42748°N	111.44427°W	6-Jul	DM, GP, AR	UV trap	black spruce/Ledum bog	adult
4759	Crambidae	Parapoynx maculalis	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
4759	Crambidae	Parapoynx maculalis	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net	SE & NW of base camp; shoreline and aspen.	adult
4759	Crambidae	Parapoynx maculalis	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
4759	Crambidae	Parapoynx maculalis	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
4759	Crambidae	Parapoynx maculalis	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
4897	Crambidae	Evergestis pallidata	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
4897	Crambidae	Evergestis pallidata	La Butte Point on Slave R.	59.406°N	111.453°W	8-Jul	DM, GP, AR	UV trap	white spruce forest	adult
5058	Crambidae	Pyrausta orphisalis	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	11-Jul	DM, GP, AR	net	riparian forest	adult
5058	Crambidae	Pyrausta orphisalis	13km E mouth of La Butte Ck.	59.42121°N	111.44532°W	9-Jul	DM, GP, AR	net	stream margin	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
5156	Crambidae	Nomophila nearctica	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	net	SE & NW of base camp; shoreline and aspen.	adult
5324.41	Crambidae	Donacaula sp. 1	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
5324.42	Crambidae	Donacaula sp. 2	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
5324.42	Crambidae	Donacaula sp. 2	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap		adult
5324.43	Crambidae	Donacaula sp. 3	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
5324.43	Crambidae	Donacaula sp. 3	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
5324.43	Crambidae	Donacaula sp. 3	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
5343	Crambidae	Crambus perlellus	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net	rock outcrops with lichens & jack pine; Sandy beaches with willow & birch; also black spruce, labrador tea.	adult
5343	Crambidae	Crambus perlellus	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
5343	Crambidae	Crambus perlellus	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5344	Crambidae	Crambus unistriatellus	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net	rock outcrops with lichens & jack pine; Sandy beaches with willow & birch; also black spruce, labrador tea.	adult
5344	Crambidae	Crambus unistriatellus	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
5344	Crambidae	Crambus unistriatellus	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap		adult
5345.11	Crambidae	Crambus sp. nr. whitmerellus	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
5378.41	Crambidae	Crambus sp. A	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	net	rock outcrops with lichens & jack pine; Sandy beaches with willow & birch; also black spruce, labrador tea.	adult
5378.41	Crambidae	Crambus sp. A	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult
5378.41	Crambidae	Crambus sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5391	Crambidae	Chrysoteuchia topiaria	Base Camp, mouth of La Butte Ck. on Slave R.	59.42126°N	111.44612°W	10-Jul	DM, GP, AR	net	riparian forest	adult

MONA No.	Family	Genus species	Locality	Dec. Lat.	Dec. Long.	Date	Collector	Method	Habitat	Stage
5391	Crambidae	<i>Chrysoteuchia topiaria</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	7-Jul	DM, GP, AR	net	rock outcrop	adult
5391	Crambidae	<i>Chrysoteuchia topiaria</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5391	Crambidae	<i>Chrysoteuchia topiaria</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
5391	Crambidae	<i>Chrysoteuchia topiaria</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
5391	Crambidae	<i>Chrysoteuchia topiaria</i>	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
5391	Crambidae	<i>Chrysoteuchia topiaria</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
5391	Crambidae	<i>Chrysoteuchia topiaria</i>	5km SE mouth of La Butte Ck.	59.39542°N	111.38928°W	9-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
5399	Crambidae	<i>Agriphila ruricolella</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5405.61	Crambidae	? <i>Agriphila</i> sp.	3km E mouth of La Butte Ck.	59.42137°N	111.41388°W	7-Jul	DM, GP, AR	MV sheet	beaverpond	adult
5405.61	Crambidae	? <i>Agriphila</i> sp.	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
5408	Crambidae	<i>Catoptria latiradiella</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	17-Jul	DL	MV	rock outcrop; dry jackpine & lichen	adult
5408	Crambidae	<i>Catoptria latiradiella</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	MV sheet	rock outcrop	adult
5408	Crambidae	<i>Catoptria latiradiella</i>	500m NE mouth of La Butte Ck.	59.42504°N	111.44036°W	6-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5408	Crambidae	<i>Catoptria latiradiella</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	20-Jul	DL	UV trap		adult
5409.41	Crambidae	<i>Catoptria</i> sp. A	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5413	Crambidae	<i>Pediasia</i> prob. <i>trisecta</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap		adult
5417.61	Crambidae	<i>Pediasia</i> sp. A	200m N mouth of La Butte Ck.	59.42114°N	111.44531°W	5-Jul	DM, GP, AR	MV sheet	sedge meadow	adult
5529	Crambidae	<i>Herculia thymetusalis</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5529	Crambidae	<i>Herculia thymetusalis</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5529	Crambidae	<i>Herculia thymetusalis</i>	13km E mouth of La Butte Ck.	59.36549°N	111.12988°W	9-Jul	DM, GP, AR	UV trap	rock outcrop	adult
5529	Crambidae	<i>Herculia thymetusalis</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	18-Jul	DL	UV trap		adult
5529	Crambidae	<i>Herculia thymetusalis</i>	Fidler Point, L. Athabasca	59.107°N	110.426°W	19-Jul	DL	UV trap		adult