

THE INSECT COLLECTION OF THE FOREST INSECT AND DISEASE SURVEY  
IN ONTARIO  
PART I - LEPIDOPTERA

by  
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ONTARIO REGION  
FOREST RESEARCH LABORATORY  
SAULT STE. MARIE  
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FORESTRY BRANCH

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## Information Report

### THE INSECT COLLECTION OF THE FOREST INSECT AND DISEASE SURVEY

#### ONTARIO REGION

by

A. E. Rosa

#### PART I - LEPIDOPTERA

##### 1. INTRODUCTION

The Forest Insect and Disease Survey maintains at least seven insect collections across Canada, one per region, for the purposes of reference, study, and the storage of determined specimens. The Ontario collection represents a composite of a collection begun in Ottawa and built up largely between 1938 and 1952, and the Sault Ste. Marie Collection, which has continued to expand since its inception in 1944. In July 1965, the Ottawa collection was transferred to Sault Ste. Marie and the two collections are now being merged. This report, Part I, is an inventory of the combined Lepidoptera section, and subsequent reports will appear on other orders as the merger proceeds.

The names of persons involved in the establishment, development, and the maintenance of the two collections over the years are too numerous to mention. However, special mention should be made of Mr. Henri Raizenne, who was custodian of the Ottawa collection throughout its existence, and Mr. O. H. Lindquist, who has been supervising all work on the Sault Ste. Marie collection since 1954.

##### 2. DESCRIPTION OF THE COLLECTION

Each specimen or vial of material is inventoried, and specimens and inventory cards are arranged alphabetically by family, genus, and species rather than systematically. Thus, Technicians and seasonal help unfamiliar with insect taxonomy can readily locate species and supplement the collection with new records and specimens. The arrangement also permits quick access to material in unfamiliar families by experienced workers.

The reference collection has three component parts based on the kind of reference material, namely, pinned adults, blown larvae, and material preserved in alcohol. As a rule, several representative specimens of each kind are retained as reference and the remainder are designated as "stores". Pin-mounted adults and blown larvae are maintained in standard museum cases, and preserved materials, in standard metal filing cases as described by Thomas (Canad. Ent. 94 (2): 216-218, 1962). Stores material, both adults and blown larvae, are kept in specially constructed, covered, plywood drawers, 18" x 18" x 2 1/2", that fit into a wall-hung case. The preserved material is retained in wooden racks, 12" x 2" x 3 5/8", that fit into metal cabinets.

### 3. INVENTORY OF LEPIDOPTERA

Table 1 lists the number of pinned adults, blown larvae, and vials of preserved material for each species held. Values in the final column refer to the number of vials of larvae in the collection, unless where followed by E or P which indicates that eggs or pupae are also held. Should insects be dealt with in subsequent work, for which we have eggs or pupae but no larvae, this will be indicated. The number of specimens per vial varies from one to many.

Approximately 1,372 species of Lepidoptera are represented in the collection, with 27,266 pinned adults, 2,555 blown larvae and 2,179 vials of immature stages. Most of the adults bear reliable host plant data since they were reared from larvae found feeding on identified forest trees in the Ontario Region. A small proportion were reared in other regions of Canada or collected by netting or trapping. This collection has proven to be of particular value to the taxonomic specialists who require long series of specimens from across the geographic range of an insect under study and representing specimens reared on different food plants.

TABLE 1  
Lepidoptera Collection  
Ontario Region

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material*</u>
<b>ADELIDAE</b>			
Adala			
<i>purpurea</i> Wlk.	2		
<b>AEGERIIDAE</b>			
Aegeria			
<i>tibialis</i> Harw.	3		
Bembecia			
<i>marginata</i> Harr.			2*
Podosesia			
<i>syringae fraxini</i> Lug.	1		
Sannincidea			
<i>exitiosa</i> Say	3		1
Sylveira			
<i>acerni</i> Clem.	1		
Syanthesdon			
<i>prot. bolteri</i> Hy. Edw.	1		
<i>pictipes</i> G. & R.	13		
<i>tipuliformis</i> Linn.	1		
Vespania (Parharmonia)			
<i>pini</i> Kell.	1		2
<b>AGARISTIDAE</b>			
Alypia			
<i>langtoni</i> Couper	1		
<i>octomaculata</i> Fabr.	5	2	1
<b>ALUCITIDAE</b>			
Alucita			
<i>huebneri</i> Wallen.	4		
<b>AMATIDAE</b>			
Cisseps			
<i>fulvicollis</i> Hbn.	5		
Otenucha			
<i>virginica</i> Charp.	31	3	1
Lycomorpha			
<i>pholus</i> Dru.	2		
<b>ARCTIIDAE</b>			
Apantezis			
<i>parthenice</i> Kby.	4	1	

\* Values in this column refer to the number of vials of larvae except where the figure is followed by E (eggs) or P (pupae) which indicate that these stages are also present.

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
ARCTIIDAE (cont'd)			
Apantesis			
virgo Linn.	1		
virguncula Kby.	2		
williamsii Dodge	2		
Arctia			
caja L. (caja americana Harr.)	20	5	1
Clemensia			
albata Pack.	6		
Crambidia			
casta Pack.	2		
pallida Pack.	1		
Diacrisia			
virginica Fabr.	69	2	3
Ecpantheria			
deflorata Fabr.		1	
scribonia Stol.	1		
Estigmene			
acrea Dru.	7	4	
prima Slosson	1		
Euchaetias			
egle Dru.	57	2	1
Halisidota			
argentata Pack.	3		
caryae Harr.	82	20	21 P
maculata Harr.	65	20	4 P
tessellaris J. E. Smith	70	7	6 P
Haploa			
confusa Lyman	35	13	2
contigua Wlk.	2		
lecontei Guer.	22		3
Holomelina (Eubaphe)			
aurantiaca Hbn.	3		
ferruginosa Wlk.	4		
laeta treatii Grt.	6		
Hyphantria			
cunea Dru.	299	44	28 E
Hypoprepia			
fucosa Hbn.	8		
miniata Kby.	5		
Isia			
isabella J. E. Smith	1	2	1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>ARCTIIDAE (cont'd)</b>			
Lexis			
bicolor Grt.	30	3	3
Nemeophila			
plantaginis Linn.	1		
Parasemia			
parthenos Harr.	4		
Phragmatobia			
assimilans Wlk.	5		1
<b>BLASTOBASIDAE</b>			
Holcocera	70		
immaculella McD.	75	3	2
Valentinia			
glandulella Riley	97		5
<b>CARPOSINIDAE</b>			
Carposina			
commonana Kft.	1		1
<b>CITHERONIIDAE</b>			
Anisota			
rubicunda alba Grt.	35		
rubicunda Fabr.	233	31	11 E
senatoria J. E. Smith	68	32	7 E
stigma Fabr.	3	2	3
virginiensis Dru.	20	9	7
Eacles			
imperialis pini Mich.	13	10	5 E
<b>COLEOPHORIDAE</b>			
Coleophora			
sp.	51		
betulivora McD.	25		2
fuscadinella Zell. (salmani Heinr.)	13		
innotabilis Brn.	12		
laricella Hbn.	170		6
limosipenella Dup. (laticornella Clem.)	33		2
occidentis Zell.	8		
pruniella Clem.	12		
querciella Clem.	1		
serratella Linn.	86		2
tiliaefoliella Clem.	8		
ulmifoliella McD.	175		3

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>COSMOPTERYGIDAE</b>			
Batrachedra praeangusta Haw.	46		5
Chrysoclista linneella Clerck.	37		
Chrysopeleia ostryaella Cham.	127		18 E & P
Mompha sp.			1
<b>COSSIDAE</b>			
Prionoxystus robiniae Pack.	2		3
macmurtrei Guer.	2		
<b>DANAIDAE</b>			
Danaus plexippus Linn.	13	12	
<b>DREPANIDAE</b>			
Drepana arcuata Wlk.	35	3	2
bilineata Pack.	24	1	2
bilineata levis Hud.	18	1	1
Eudeilinia herminiata Gn.	5		3
Oreta rosea Wlk.	1		
<b>ERIOCRANIIDAE</b>			
			1
<b>GELECHIIDAE</b>			
Anacampsis sp.			1
innocuella Zell.	234	37	10
Aristotelia sp.	3		
fungivorella Clem.	1		
Aroga trialbamaculella Cham.	4		1
Bryotropha clandestina Meyr.	3		
Chionodes sp.	3		
continuella Zell.	6		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>GELECHIIDAE (cont'd)</b>			
<b>Chionodes</b>			
fuscomaculella Cham.	4		1
mediofuscella Clem.	1		
obscurusella Cham.	11		1
terminimaculella Kft.	2		
vernella Murt.	1	2	
<b>Compsolechia</b>			
sp.	7		1
niveopulvella Cham.	128	7	8
rhoifruetella Clem.		3	
<b>Dichomeris</b>			
ligulella Hbn.	64	3	7
marginella Fabr.	26		2
<b>Duvita</b>			
vittella Busck.	12		
<b>Enchrysa</b>			
dissectella Zell.	1		
<b>Eucordylea</b>			
sp.	9		3
atrupictella Dietz.	24		4
blastovora McLeod	28		4
ducharmei Free.	2		3
<b>Exoteleia</b>			
sp.	47		
n. sp.	6		33 E & P
dodecella Linn.	67	1	13 P
pinifoliella Cham.	265		14 P
<b>Filatima</b>			
sp.			2
betulae Clarke	16		3
<b>Gelechia</b>			
spp.	57	5	
vernella Murt.	12	1	1
versutella Zell.	31		
walsinghami Dietz.	2	2	
<b>Metznaria</b>			
lappella Linn.			1
<b>Pulicalvaria</b>			
n. sp.	10		3
apicitripunctella Clem.	17		1
coniferella Kft.	9		5
gibsonella Kft.	10		1
piceaella Kft.	132		9 P
sp. prob. piceaella Kft.	9	3	

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>GELECHIIDAE (cont'd)</b>			
<i>Pulicalvaria</i>			
<i>thujaella</i> Kft.	13		2 P
<i>Recurvaria</i>			
spp.	136		11
<i>canusella</i> Free.	21		8
<i>florae</i> Free.			5
<i>nanella</i> Hbn.	2		
<i>resinosae</i> Free.	38		14
<i>Talphusa</i>			
sp.	33		5
<i>balangerella</i> Cham.	1		
<i>longifasciella</i> Clem.	1		
<i>Trichotaphe</i>			
sp.	4		
<i>setosella</i> Clem.	1		
<i>Xenolechia</i>			
sp.	7	4	5
<b>GEOMETRIDAE</b>			
<i>Abbottana</i>			
<i>clemataria</i> J. E. Smith	58	9	5
<i>Aethalura</i>			
<i>anticaria</i> Wlk.	37		
<i>Alsophila</i>			
<i>pometaria</i> Harr.	344	39	15
<i>Anacamptodes</i>			
sp.	2		
<i>ephyraria</i> Wlk.	20		
prob. <i>humaria</i> Gn.	1		
<i>larvaria</i> Gn.	23	1	1
<i>vellivolata</i> Hlst.	23	1	7
<i>Anagoga</i>			
<i>occiduria</i> Wlk.	5		1
<i>Anavitrinella</i>			
<i>pampinaria</i> Gn.	11	3	
<i>Anthelia</i>			
<i>hyperborea</i> Hlst.	4		
<i>Bapta</i>			
<i>glomeraria</i> Grt.	1		
<i>semiclarata</i> Wlk.	13	2	1
<i>vestaliata</i> Gn.	16	6	4
<i>Besma</i>			
<i>endropiaria</i> G. & R.	19	4	

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
GEOMETRIDAE (cont'd)			
Beana			
quercivoraria Gn.	21	2	1
Biston (Amphidasis)			
cognataria Gn.	51	11	4
ab. swettaria B. & McD.	1		
Brephos			
infans Moesch.	19	3	1
Campaea			
perlata Gn.	57	8	8
Caripeta			
aequaliaria Grt.		2	
angustiorata Wlk.	48	5	3
divisata Wlk.	109	10	9 E
piniata Pack.	18		
Chloriassa			
pistasciaria Gn.	11	3	
Chlorochlamys			
chloroleucaria Gn.	9		2
Gingilia			
catenaria Dru.	13	1	5
catenaria rubifararia Swett.	1		3 P
Cladara			
atroliturata Wlk.	2		
Cosymbia			
pendulinaria Gn.	41	1	
Dailinia			
erythemaria Gn.	13	4	
variolaria Gn.	11		2
Deuteronomos			
magnarius Gn.	66	8	4
Diaclina			
silaceata albolineata Pack.	1		
Dyspteris			
abortivaria H. - S.	2		
Dysstroma			
sp.	4		
citrata Linn.	10		
truncata Hufn.	5		
Earophila			
vasiliata Gn.	3		
Ectropis			
crepuscularia Schiff.	109	16	6
crepuscularia ab. abraxaria Wlk.	1		
Ematurga			
amitaria Gn.	2		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
GEOMETRIDAE (cont'd)			
Ennomos			
subsignarius Hbn.	172	11	12
Enypia			
moillieti Blkmre.	2		
venata Grt.	3		
Epimecis			
virginaria Cram.		1	
Epirrhoe			
alternata Mull.	1		
Epirrita			
autumnata Gn.	2		
autumnata henshawi Swett.	6	3	
Erannis			
tiliaria Harr.	153	18	21
Euchlaena			
effecta Wlk.	8		
irraria B & McD.	2		
johnsonaria Fitch	6		
marginata Minot	5	1	
obtusaria Hbn.		3	
tigrinaria Gn.	3		
vinulentaria G. & R.	1		
Eudule			
mendica Wlk.	6		
Euridonia			
discospilata Wlk.	2		
notataria Wlk.	45	4	10
Eugonobapta			
nivcsaria Gn.	2		
Euphyia			
centrostrigaria Woll.	1		
unangulata intermediata Gn.	4		
Eupithecia			
sp.	9		
albicapitata Pack.	7		2
annulata Hlst.	2		1
arceuthata Frey.		2	1
castigata Hbn.	2		
coagulata Gn.	1		
columbiata Dyar	1		
filmata Pears.	30	11	10
fletcherata Tayl.	1	3	1
frostiata Swett.	1		
galidata Moesch.	7	3	1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
GEOMETRIDAE (cont'd)			
Eupithecia			
gibsonata Tayl.	82	3	5 E
harrisonata MacK.	1		
luteata Pack.	35	2	5
luteata bifasciata Dyar	3		
misturata frostiata Swett.	3		
mutata Pears.	1		1
palpata Pack.	57	3	8
placidata Tayl.	1		
ravocostaliata Pack.	16		
sobrinata Hbn.	16		1
sobrinata interruptofasciata Pack.	4	1	2
strattonata Pack.	1		1
transcanadata MacK.	44		
unicolor Hlst.	3		
Gabriola			
dyari Tayl.	4		
Glens			
nigricaria B. & McD.	1		
Haematopis			
grataria Fabr.	1		
Helicmata			
cycladata Grt.	5		
Hesperumia			
sulphuraria Pack.	6	1	
Heterophleps			
refusata Wlk.	1		
triguttaria H. -- S.	2		
Horisme			
intestinata Gn.	1		
Hydrulia			
albifera Wlk.	1		
incornata Hlst.	3	1	
Hydria			
sp.	4		
prunivorata Ferg.	22	15	6
undulata L.	8	5	1
Hydriomena			
sp.	2	5	1
divisaria Wlk.	43	8	6
furcata Thun.	10		1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
GEOMETRIDAE (cont'd)			
Hydricmena			
perfracta Swett.	3		
renunciata Wlk.	10		1
renunciata columbiata Tayl.	2		
Hypagyrtis			
sp.	6		
subocularia Gn.	13		1
piniata Pack.	121	15	15
subatomaria Wood.	11		1
Hyperetis			
sp.	13		
amicaria H. - S.	29	4	3
amicaria alienaria H. - S.	10		
amicaria nyssaria Gn.	2		
Itame			
sp.	2		
anataria Swett.	4		
andersoni Swett.	4		
argillacearia Pack.	3	2	3
bitactata Wlk.	2		
bitactata packardaria Moesch.	3		
evagaria Hlst.	1		
exauspicata Wlk.	10		
fulvaria Vill.	5		
latiferrugata Wlk.	4		
loricaria Evers.	21	2	
loricaria julia Hlst.	21	1	
occiduaria Pack.	2		
pustularia Gn.	72		2
ribearia fascioferaria Hlst.	4	1	1
subcessaria Wlk.	1		
Lambdina			
fervidaria athasaria Wlk.	1		
fiscellaria fiscellaria Gn.	322	15	18 P
fiscellaria lugubrosa Hlst.	9		2
pellucidaria G. & R.	2	1	
somniaaria Hlst.	6		
Lobophora			
navigerata Wlk.	39	3	
Lozogramma			
subaequaria Wlk.	5		
Lycia			
ursaria Wlk.	24	5	2
Lygris			
sp.	1		
diversilineata Hbn.			1
explanata Wlk.	2		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
GEOMETRIDAE (cont'd)			
Lygris			
explanata cunigerata Wlk.	1		
gracilineata Gn.	47		5
propulsata Wlk.	2		
xylina Hlst.	1		
Melanolophia			
canadaria Wlk.	32	4	1
imitata Wlk.	7	3	1
signataria Wlk.	21	5	5
Mesoleuca			
ruficillata Wlk.	1		
Mesothea			
incertata Wlk.	1		
Metanema			
determinata Wlk.	3		
inatomaria Gn.	35	2	1
Metarranthis			
duaria Gn.	3		
hypochraria H. - S.	1		
Nematocampa			
filamentaria Gn.	45	6	3
Nemoria			
mimosaria Gn.	24	2	3
rubrifrontaria Pack.	3		
Neocalcis			
californiaria Pack.	6		
californiaria latifasciaria Pack.	4		
Nepytia			
cancosaria Wlk.	255	21	16 P
cancosaria fuscaria B. & B.	1		
phantasmaria Stkr.	8	1	3 P
semiclusaria Wlk.	1		
Nycterosea (Fercnoptilota)			
obstipata Fabr.	3		
Nyctobia			
limitaria Wlk.	29	5	8
limitaria nigroangulata Stkr.	5		
Operophtera			
bruceata Hlst.	124	12	6
brumata Linn.	11		4
Paleacrita			
vernata Peck	24	16	19

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
GEOMETRIDAE (cont'd)			
Pero			
sp.		1	1
<i>bahrensarius</i> Pack.	1	1	
<i>honestarius</i> Wlk.	2		1
<i>marmoratus</i> Grossb.	2		
<i>morrisonarius</i> Hy. Edw.	11	2	7
<i>Phaeoura</i> ( <i>Nacophora</i> )			
<i>quernaria</i> J. E. Smith	9	3	1
<i>quernaria atrescens</i> Hlst.	1		
<i>Phigalia</i>			
<i>olivacearia</i> Wlk.	1		
<i>titea</i> Cram.	36	20	8
<i>Plagodis</i>			
<i>alcoolaria</i> Gn.	25	5	1
<i>nigrescens</i> Hlst.	1		
<i>phlogosaria iris</i> Rupert	4		
<i>phlogosaria intermediaria</i> B. & McD.	3		
<i>phlogosaria phlogosaria</i> Gn.	12		
<i>serinaria</i> H.-S.	9	1	
<i>Plemyria</i>			
<i>georgii</i> Hlst.	7		
<i>Priocycla</i>			
<i>armataria</i> H.-S.	1		1
<i>Prochoerodes</i>			
<i>transversata</i> Dru.	32	4	5
<i>Protitame</i>			
<i>virginalis</i> Hlst.	99	1	2
<i>Protobocarmia</i>			
<i>porcellaria indicataria</i> Wlk.	118	25	17
<i>Racheospila</i>			
<i>rubrolinaria</i> Pack.	4		
<i>Rheumaptera</i>			
sp.	44		
<i>albodecorata stygiata</i> McD.	23		
<i>hastata</i> Linn.	34	10	8
<i>hastata gothicata</i> Gn.	12		
<i>subhastata stygiata</i> McD.	1		
<i>Scopula</i>			
<i>anucleata</i> Gn.	9		
<i>inductata</i> Gn.	3		1
<i>Selenia</i>			
<i>alcipharia</i> Wlk.	3		
<i>Semiiothisa</i>			
sp. "A" (white pine)	1		
sp. "B" (jack pine)	5		
<i>adonis</i> B. & McD.	1		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>GEOMETRIDAE (cont'd)</b>			
<b>Samolobinae</b>			
<i>acumilataria</i> Wlk.	4		
<i>bicolorata</i> Fabr.	24	2	2
<i>bisignata</i> Wlk.	82	2	1
<i>bisignata</i> group	9		
<i>dispuncta</i> Wlk.	189	6	5
<i>fasciotata</i> Wlk.	3		
<i>mellicistrigata</i> Grt.	4		
<i>minorata</i> Pack.	25	1	
<i>neptaria trifasciata</i> Pack.	3		
<i>ocellinata</i> Gn.	22		
<i>oxillata</i> Wlk.	47	3	1
<i>oweni</i> Swett.	47	1	
<i>perplexa</i> McD.	4		
<i>sexmaculata</i> Pack.	220	8	3
<i>sexmaculata incolorata</i> Dyar	3		
<i>submarviorata</i> Wlk.	13	3	
<i>ulsterata</i> Pears.	7		
<b>Silya</b>			
<i>macularia</i> Harr.	24	2	5
<b>Spargania</b>			
<i>luctuata obductata</i> Moesch.	1		
<i>magnoliata</i> Gn.	5		
<b>Synactis</b>			
<i>pallulata</i> Hlbt.	1		
<b>Synchlora</b>			
<i>aerata</i> Fabr.	1		
<i>subvifrontaria</i> Pack.	3		
<b>Taeniparia (Apaecasia)</b>			
<i>detersata</i> Gn.	7		
<b>Tetractia</b>			
<i>cachexiata</i> Gn. ( <i>lorata</i> Grt.)	50	12	6 E
<i>crocallata</i> Gn.	2		
<b>Thera</b>			
<i>otisi</i> Dyar	2		
<i>juniperata</i> L. ( <i>procteri</i> Brower)	165	4	16
<b>Triphosa</b>			
<i>haesitata</i> Gn.	4		
<b>Venusia</b>			
<i>cambrica</i> Gurt.	5		
<i>comptaria</i> Wlk.	3		
<b>Xanthorhoe</b>			
<i>abrasaria</i> H.-S.	1		
<i>designata emendata</i> Pears.	1		
<i>ferrugata</i> Clark.	1		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>GEOMETRIDAE (cont'd)</b>			
<i>Xanthorrhoe</i>			
<i>lacustrata</i> Gn.	1		
<i>marginata</i> Hbn.	1		
<i>Xanthotype</i>			
<i>sospeta</i> Dra.	9		
<i>urticularia</i> Swett.	6	1	
<b>GLYPHIPTERYGIDAE</b>			
<i>Allononyma</i>			
<i>diana</i> Hbn.	17		1
<i>Anthophila</i>			
<i>pariana</i> Cl.	25		3
<b>GRACILLARIIDAE</b>			
<i>Acrocercops</i>			
<i>albinatella</i> Cham.	1		
<i>Gracillaria</i>			
sp.	63		
<i>alnivorella</i> Cham.	46		4
<i>betulivora</i> McD.	1		
<i>coroniella</i> Clem.	1		
<i>causalipennella</i> Hbn.	27		1
<i>fraxinella</i> Ely.	13		
sp. prob. <i>fraxinella</i> Ely.	17		2
<i>invariabilis</i> Braun	20		3
sp. nr. <i>invariabilis</i> Braun	4		
<i>negundella</i> Cham.	3		
<i>rhoifoliella</i> Cham.	1		
<i>sassafrasella</i> Cham.	1		
<i>stigmatella</i> Fabr.	2		
sp. nr. <i>strictella</i> Wlk.	115		1
<i>syringella</i> F.	88		6
<i>Leucanthiza</i>			
<i>dircella</i> Braun	9		1
<i>Lithocollis</i>			
sp.	94		
prob. new sp.	5		7
<i>aceriella</i> Clem.	35		6
nr. <i>aceriella</i> Clem.	1		
<i>alnicolella</i> Wlshn.	5		
nr. <i>alnicolella</i> Wlshn.	23		2
<i>argentifimbriella</i> Clem.	6		
<i>basistrigella</i> Clem.	1		
<i>celtisella</i> Cham.	7		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>GRACILLARIIDAE (cont'd)</b>			
<b>Lithocolletis</b>			
fletcherella Braun	2		
nr. fletcherella Braun	2		1
hamadryadella Clem.	84		3
sp. prob. hamadryadella Clem.	29		
hamameliella Busck.	3		
lucetiella Clem.	24		3
lucidicostella Clem.	20		
macrocarpella F. & B.	6		
malimalifoliella Brn.	10		
mariaeella Cham.	3		1
ostensackenella Fitch	2		
ostryaefoliella Clem.	2		1
ostryarella Cham.	34		1
populiella Cham.	1		
propinquinella Brn.	1		
quercivorella Cham.	1		
robiniella Clem.	1		
saccharella Braun			1
salicifoliella complex	29		53 P
ulmella Cham.	1		
<b>Marmara</b>			
fasciella Cham.	6		
<b>Micurapteryx</b>			
salicifoliella Cham.	12		
<b>Paractopa</b>			
robiniella Clem.	1		
<b>Phyllocnistis</b>			
populiella Cham.	13		2 P
vitifoliella Cham.	2		
<b>HELIODINIDAE</b>			
<b>Schræckensteinia</b>			
sp.	7		3
erythriella Clem.	5		
<b>HELIOZELIDAE</b>			
<b>Antispila</b>			
prob. cornifoliella Clem.	2		1
nyssaefoliella Clem.	29		
<b>Coptodisca</b>			
spp. prob. new	16		1
splendoriferella Clem.	36		1 P
sp. prob. splendoriferella Clem.	21		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>HEPIALIDAE</b>			
Hepialus			
<i>gracilis</i> Grt.	2	1	4
Sthenopsis			
<i>argenteomaculatus</i> Harr.	2		
<i>purpurascens</i> Pack.	1		
<i>quadriguttatus</i> Grt.	4		
<b>HESPERIIDAE</b>			
Adopaea			
<i>lincola</i> Ochs.	9		
Erynnis			
<i>icelus</i> Scud. & Burg.	10	2	1
<i>juvenalis</i> Fabr.	1		
Epargyreus			
<i>tityrus</i> Fab. ( <i>clarus</i> Gram.)	21	11	4 P
Hesperia			
<i>sassacus</i> Harr.	1		
Pholisora			
<i>catullus</i> Fabr.	1	1	1
Poanes			
<i>hobomok</i> Harr.	1		
Polites			
<i>mystic</i> Scud.	1		
<b>INCURVARIIDAE</b>			
Paraclamensia			
<i>acrifoliella</i> Fitch.	111		10 P
<b>LASIOCAMPIDAE</b>			
Epionaptera			
<i>americana</i> Harr.	54	13	6
Malacosoma			
<i>americanum</i> F.	297	63	17 E
<i>disstria</i> Hbn.	522	19	18 E
<i>disstria</i> f. <i>thoracicoides</i> N. & D.	2		
<i>lutescens</i> N. & D.	1	19	5
<i>pluviale</i> Dyar	156	49	18 E & P
Tolyte			
<i>laricis</i> Fitch	36	9	2
<i>valleda</i> Stoll.	7	4	
<b>LIMACODIDAE</b>			
Euclea			
<i>delphinii</i> Bdv.	15	1	
Limacodes			
<i>γ-inversa</i> Pack.	1		
Lithacodes			
<i>fasciola</i> H. - S.	20		3

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>LIMACODIDAE</b>			
<i>Packardia</i>			
<i>caenothi</i> Dyar	1		
<i>elegans</i> Pack.	10		1
<i>Phobetron</i>			
<i>pithecium</i> J. E. Smith	1		1
<i>Prolimacodes</i>			
<i>badia</i> Hbn.	13		4
<i>Sibine</i>			
<i>stimulea</i> Clem.			1
<i>Tortricidia</i>			
<i>flexuosa</i> Grt.	5		
<i>pallida</i> H. -- S.	2		
<b>LYCAENIDAE</b>			
<i>Callophrys</i>			
<i>eryphon</i> Bdv.	3	1	
<i>nelsoni</i> Bdv.	1		
<i>niphon clarki</i> Free.	24	5	3
<i>Calastrina</i>			
<i>argiolus marginata</i> Edw.	1		
<i>lucia</i> Kby.	1		
<i>Feniseca</i>			
<i>tarquinius</i> Fabr.	8		
<i>Lycaena</i>			
<i>phlaeas americana</i> Harr.	1		
<i>Strymon</i>			
<i>caryaevorus</i> McD.	10	1	
<i>falacer</i> Godt.	14		2
<i>liparops strigosa</i> Harr.	6		
<i>muskoka</i> Wats. & Comst.	1		
<b>LYMANTRIIDAE (Liparidae)</b>			
<i>Nygmia</i>			
<i>phaeorrhoea</i> Don.	2		
<i>Orgyia (Notolophus)</i>			
<i>antiqua</i> Linn.	62	13	5 P
<i>antiqua badia</i> Hy. Edw.	8		
<i>sp. prob. definita</i> Pack.		4	
<i>leucostigma</i> J. E. Smith	80	16	5 P
<i>pseudotsugata</i> McD.	7	2	

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>LYMANTRIIDAE ( Liparidae)(cont'd)</b>			
<i>Parorgyia</i>			
spp.	40		34
<i>atomaria</i> Wlk.	4		
<i>dorsipennata</i> B. & McD.	5	1	
<i>pini</i> Dyar	38	9	
<i>vagens</i> B. & McD.	9		
<i>Porthetria</i>			
<i>dispar</i> Linn.	5	5	
<i>Stilpnetia</i>			
<i>salicis</i> Linn.	7	3	2
<b>LYONETIIDAE</b>			
<i>Bucculatrix</i>			
sp.	11		2
<i>ainsliella</i> Murt.	45		
<i>canadensisella</i> Cham.	164		7 P
<i>Leucoptera</i>			
<i>albella</i> Cham.	34		5 P
<i>Lyonetia</i>			
sp.	7		1
n. sp. <i>saliciella</i> Busck.	7		1
<i>Prolaucoptera</i>			
<i>amilaciella</i> Busck.	57		3 P
<b>NEFTICULIDAE</b>			
<i>Ectoedemia</i>			
<i>populella</i> Busck.			1
<i>Nepticula</i>			
sp.	9		4
<i>castaneaefoliella</i> Cham.	8		2
<i>lindquisti</i> Free.	85		11 P
<b>NOCTUIDAE</b>			
<i>Abagrotis</i>			
<i>alternata</i> Grt.	2		
<i>Abrostola</i>			
<i>urantis</i> Gn.	2		
<i>Achatodes</i>			
<i>zeae</i> Harr.			1
<i>Acronicta</i>			
sp.	16		
<i>afflicta</i> Grt.	2		
<i>americana</i> Harr.	19	7	1
<i>clarescens</i> Gn.	1	2	2
<i>dactylina</i> Grt.	14	6	4
<i>fragilis</i> Gn.	73	8	2

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE			
Acronicta			
<i>funeralis</i> G. & R.	3	2	2
<i>furcifera</i> Gn.	10	4	
<i>grisea</i> Wlk.	37	10	2
<i>haesitata</i> Grt.	5		1
<i>impieta</i> Wlk.	8	1	
<i>impressa</i> Wlk.	18	2	
<i>innotata</i> Gn.	44		1
<i>interrupta</i> Gn.	20	3	1
<i>interrupta</i> f. <i>elizabetha</i> Sm.	21	3	
<i>lanceolaria</i> Grt.	5		
<i>leporina</i> Linn.	13	4	2
<i>leporina vulpina</i> Grt.	1		
<i>lepusculina</i> Gn.	12	6	1
<i>lepusculina canadensis</i> Sm.	1		
<i>lithospila</i> Grt.	3		
<i>lobeliae</i> Gn.	1		
<i>morula</i> G. & R.	13	3	
<i>morula columboides</i> Franc.	3		
<i>noctivaga</i> Grt.	1		
<i>oblinita</i> J. E. Smith	12	5	1
<i>ovata</i> Grt.	4	2	
<i>pruni</i> Harr.			1
<i>quadrata</i> Grt.	12		
<i>radcliffei</i> Harv.	7		
<i>retardata</i> Wlk.	8	6	
<i>rubricoma</i> Gn.		1	
<i>sperata</i> Grt.	4	4	
<i>superans</i> Gn.	15	2	
<i>tristis</i> Sm.	4		
<i>vinnula</i> Grt.	8	1	
Actebia			
<i>fennica</i> Tausch.	26	20	2
Agroperina			
<i>cogitata</i> Sm.	2		
<i>dubitans</i> Wlk.	2		
Agrotis			
<i>mollis</i> Wlk.	2		
<i>orthogonia</i> Morr.			2
<i>venerabilis</i> Wlk.	1		
<i>volubilis</i> Harv.	1		
<i>ypsilon</i> Rott.	3		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
Alabama			
argillacea Hbn.	1		
Amathes			
badinodis Grt.			1
c-nigrum Linn.	1		1
normariana Grt.	7		
oblata Morr.	1		
smithi Snell.	5		
Amphipoea			
americana Speyer	1		
velata Wlk.	1		
Amphipyra			
glabella Morr.	1		
pyramidoides Gn.	56	4	3
tragopoginis Linn.	2		
Anagrapha			
falxifera Kby.	2		
Anaplectoides			
pressus Grt.	7		
Anathix			
puta G. & R.	19	2	
Andropolia			
contacta Wlk.	1		
Anhimella			
contrahens Wlk.	1		
Anomogyna			
sp.	5		1
elimata Gn.	50	24	6
mustelina Sm.	1		
perquiritata Morr.	5	5	3
Anorthodes			
triquetra Grt.		1	3
Apamea			
amputatrix Fitch	1		
impulsa Gn.	1		
verbascoides Gn.	1		
Archanara			
oblonga Grt.	1		
Arzama			
obliqua Wlk.	1		
Autographa			
ampla Wlk.	12	1	
mappa G. & R.	2		
precationis Gn.	6		
pseudogamma Grt.	1		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
Balsa			
malana Fitch.	3		
Bleptina			
caradrinalis Gn.	6		
Bomolocha			
abalienalis Wlk.	64	1	
atomaria Gn.	1		
baltimoralis Gn.	35		
bijugalis Wlk.	2		
deceptalis Wlk.	31		
edictalis Wlk.	1		
madefactalis Gn.	1		
palparia Wlk.	2		
Caenurgina			
crassiuscula Haw.	1		1
Catabena			
lineolata Wlk.	1		
Catocala			
antinympa Hbn.	2		
blandula Hlst.	2	1	
briseis Edw.	2		1
cava Gn.	1		
cerogama Gn.	4	5	
concumbens Wlk.	3		
habilis Grt.	2		
hermia Hy. Edw.	1		
ilia Gram.	3		
piatrix Grt.	2	1	
relicta Wlk.	30	2	
relicta clara Beut.	1		
relicta phrynica Hy. Edw.	2		
retecta Grt.	2	2	
sordida Grt.	1		
ultronia Hbn.	5	2	1
unijuga Wlk.	6		1
Ceramica			
picta Harr.	3	21	3
Chamyris			
cerintha Treit.	1		
Charadra			
deridens Gn.	8		1
Chrysaspidia			
putnami Grt.	1		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
Chrysoptera			
moneta esmeralda Obert.	1		
Chytolita			
morbidalis Gn.	3		
petrealis Grt.	1		
Chytonix			
palliatricula Gn.	7		
sensilis Grt.	1		
Colocasia			
flavicornis Sm.	2	1	
propinquilinea Grt.	19	2	
Cosmia			
calamia Harv.	4		
canescens Behr.	8		
Crocigrapha			
normani Grt.	19	16	2 E
Crymodes			
devastator Brace	3		2 P
Cryphia			
pervertens B. & McD.	14		
Cryptocala			
acadiensis Beth.	1		
Cucullia			
convexipennis G. & R.		3	
intermedia Speyer	3	2	
intermedia cinderella Sm.	1		
postera Gn.	1		
Diarsia			
jucunda Wlk.	2		
rubifera Grt.	4		
Elaphria			
sp.	1		
festivoides Gn.	8		
versicolor Grt.	45	9	3
Enargia			
decolor Wlk.	147	23	8 E
infumata Grt.	48	4	4
Epiglaea			
apiata Grt.	2		
Epizeuxis			
aemula Hbn.	64		1
americalis Gn.	8		
lubricalis Geyer	2		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
<i>Eucirrhoedia</i>			
<i>pampina</i> Gn.	2		
<i>Euclidina</i>			
<i>cuspidata</i> Hbn.	2		
<i>Eueretagnotis</i>			
<i>attenta</i> Grt.	5		
<i>perattenta</i> Grt.	4		
<i>Euherrichia</i>			
<i>monetifera</i> Gn.	6		
<i>Euparthenos</i>			
<i>mabilis</i> Hbn.	3		
<i>Euplexia</i>			
<i>benesimilis</i> McD.	2		
<i>Eupsilia</i>			
<i>morrisoni</i> Gn.	5	1	
<i>sidus</i> Gn.	4		
<i>tristigmata</i> Grt.	24	1	
<i>vinulenta</i> Grt.	4		
<i>Eurois</i>			
<i>astricta</i> Morr.	3		
<i>occulta</i> Linn.	3		
<i>Euthisanotia</i>			
<i>grata</i> Fabr.	1		
<i>unic</i> Hbn.	1		
<i>Euxoa</i>			
<i>messoria</i> Harr.	1		1
<i>mimallonis</i> Grt.	1		
<i>ochrogaster</i> Gn.	2		1
<i>tesaellata</i> Harr.			1
<i>Feltia</i>			
<i>herilis</i> Grt.	1		
<i>Feralia</i>			
<i>comstocki</i> Grt.	4		
<i>jocosa</i> Gn.	19	47	
<i>major</i> Sm.	6		
<i>major jocosides</i> Strand	1		
<i>Graphiphora</i>			
<i>haruspica</i> Grt.	13	2	2
<i>Heliothis</i>			
<i>obsoleta</i> Fabr.			2
<i>zea</i> Boddie	1		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
Helotropha			
reniformis Grt.	2		
Heptagrotis			
phyllophora Grt.	6		
Homoglaea			
carbonaria Harv.	2		
hircina Morr.	54	1	1
Homohadena			
badistriga Grt.	1		
Hydroecia			
immanis Gn.			1
Hyppa			
xylinoides Gn.	1	2	
Ipimorpha			
pleonectusa Grt.	48	16	6
Lacinipolia			
anguina larissa Sm.	1		
meditata Grt.	1		1
olivacea Morr.	2		
loreo Gn.	7		
lustralis Grt.	4		
renigera Steph.	2		1
Lascoria			
ambigualis Wlk.	1		
Leucania			
commoides Gn.			1
multilinea Wlk.	1		
unipuncta Haw.	8	10	4 P
Leuconycta			
diptheroides Gn.	2		
diptheroides obliterata Grt.	1		
lepidula Grt.	1		
Lithacodia			
albidula Gn.	2		
carneola Gn.	1		
Litholomia			
napaea Morr.	6		
Lithomoia			
solidaginis Hbn.	3		1
solidaginis albertae Strand	1		
Lithophane (Graptolitha)			
amanda Sm.	4		
antennata Wlk.	3		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
Lithophane (Graptolitha)			
baileyi Grt.	5		
bethunei G. & R.	23	9	6
cinerosa Grt.	4	1	
disposita Morr.	4		1
fagina Morr.	17	2	4
ferrealis Grt.	19		
georgii Grt.	19	1	
hemina Grt.	2		
hemina lignicosta Franc.	1		
innominata Sm.	40	3	6
laticinerea Grt.	50		
lepida Lint.	1		
patefacta Wlk.	2		
petulca Grt.	25		
pexata Grt.	4		
semiusta Grt.	1		
tepida Grt.	2		
thaxteri Grt.	6		
unimoda Lint.	12		1
Lomanaltes			
eductalis Wlk.	6		
Mamestra			
curialis Sm.	1	1	
Marathyssa			
inficita Wlk.	5	5	1
Metalepsis			
salicarium Wlk.	1		
Morrisonia			
confusa Hbn.	16		
Nephelodes			
emmedonia Gram.	2		1
Ochropleura			
plecta L.	1		
Oligia			
illocata Wlk.	4		
Orthodes			
cynica Gn.	8		
Orthosia			
hibisci Gn.	100	7	6
revicta Morr.	43	8	5
rubescens Wlk.	4		2

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
<i>Palthis</i>			
<i>angulalis</i> Hbn.	25	10	7
<i>Pangrapta</i>			
<i>decoralis</i> Hbn.	2		
<i>Panopoda</i>			
<i>carneicosta</i> Gn.	3		
<i>rufimargo</i> Hbn.	11	1	
<i>Panthea</i>			
<i>acronyctoides</i> Wlk.	53	8	6
<i>furcilla</i> Pack.	6	4	2
<i>pallescens centralis</i> McD.	18	1	1
<i>portlandia</i> Grt.	2		
<i>virginaria</i> Grt.	1	1	
<i>Papaipema</i>			
<i>cataphracta</i> Grt.			2
<i>frigida</i> Sm.	2		
<i>furcata</i> Sm.			1
<i>nebris nitela</i> Gn.			1
<i>purpurifascia</i> G. & R.			1
<i>Parallelia</i>			
<i>bistriaris</i> Hbn.	72	3	1
<i>Parastichtis</i>			
<i>discivaria</i> Wlk.	2		
<i>Pericrma</i>			
<i>saucia</i> Hbn. (Margaritosa Haw.)	25	6	1
<i>Phalaenophana</i>			
<i>pyramisalis</i> Wlk.	5		
<i>Philometra</i>			
<i>metonalis</i> Wlk.	2		
<i>Phlogophora</i>			
<i>iris</i> Gn.	2		
<i>meticulosa</i> L.			1
<i>periculosa</i> Gn.	9		
<i>Plathypena</i>			
<i>scabra</i> Fabr.	19		
<i>Platyperigea</i>			
<i>multifera</i> Wlk.	2		
<i>Platypolia</i>			
<i>anceps</i> Steph.	1		
<i>Plusia</i>			
<i>balluca</i> Geyer	1		
<i>Polia</i>			
<i>adjuncta</i> Bdv.	5	1	1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
<i>Polia</i>			
<i>assimilis</i> Morr.	6	2	
<i>cristifera</i> Wlk.	5		
<i>detracta</i> Wlk.	5		
<i>detracta neoterica</i> Sm.	1		
<i>distincta</i> Hbn.	8	1	1
<i>grandis</i> Bdv.	6		
<i>imbrifera</i> Gn.	6		
<i>ingravis</i> Sm.	2		
<i>latex</i> Gn.	24	1	
<i>legitima</i> Grt.	1	1	1
<i>lilacina</i> Harv.	1		
<i>lutra</i> Gn.	6	1	2
<i>nevadae canadensis</i> Sm.	1		
<i>nimbosa</i> Gn.	1		
<i>obscura</i> Sm.	2		
<i>pulverulenta</i> Sm.	3		
<i>purpurissata</i> Grt.	1		
<i>radix</i> Wlk.	63	6	11 E
<i>sacoma</i> Stkr.	4		
<i>Protagotia</i>			
<i>niveivenosa</i> Grt.	1		
<i>Protolampra</i>			
<i>rufipectus</i> Morr.	2		
<i>Protorthodes</i>			
<i>oviduca</i> Gn.	5		
<i>Proxenus</i>			
<i>miranda</i> Grt.	3		
<i>Pseudorthodes</i>			
<i>vevans</i> Gn.	1		
<i>Pyxelia</i>			
<i>exprimens</i> Wlk.	26	4	1
<i>umbra</i> Hufn.	4		
<i>Raphia</i>			
<i>frater</i> Grt.	41	8	3
<i>Rhodophora</i>			
<i>florida</i> Gn.	1		
<i>Scoliopteryx</i>			
<i>libatrix</i> Linn.	34	4	
<i>Septis</i>			
<i>impulsa</i> Gn.		1	
<i>Sideridis</i>			
<i>rosea</i> Harv.	1		
<i>Sinyra</i>			
<i>henrici</i> Grt.	3	2	1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
Spaelotis			
clandestina Harr.	2		1
Spargaloma			
sexpunctata Grt.	2		
Stretchia			
plusiaeformis coloradicola Strand	1		
Sunira (Rusina)			
bicolorago Gn.	1		
Syngrapha			
alias Ottol.	63	4	4
alias interalia Ottol.	1		
epigaea Grt.	6		
octoscripta Grt.	3		
rectangula Kby.	38	4	
rectangula nargenta Ottol.	2		
selecta Wlk.	40	7	4
Tarachidia			
sp.	5		
candefacta Hbn.	1		
erastrioides Gn.	1		
Trichoplusia			
ni brassicae Riley	3		
Xanthia			
lutea Strom.	8		
Xylena			
cineritia Grt.	5		
curvimacula Morr.	6		
nupera Lint.	1		
Xylomyges			
dolosa Grt.	55	11	10
Zale			
sp.	9		
aeruginosa Gn.	2		
duplicata Beth.	20	1	4
duplicata benesignata Harr.	2		
duplicata franklemonti L.	1		
duplicata largera Sm.	49	1	4
prob. duplicata Beth.		6	
galbanata Morr.	22	2	
helata Sm.	25	11	
horrida Hbn.	2		
metatoides McD.	3		
minerea norda Sm.	30	4	

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOCTUIDAE (cont'd)			
Zale			
<i>obliqua</i> Gn.		1	
<i>obliqua</i> metata group		1	
<i>squamularis</i> Dru.	1		
<i>submediana</i> Strand	10		
<i>undularis</i> Dru.	13	7	4
<i>unilineata</i> Grt.	1		
Zanclognatha			
sp.	8		
<i>arvensis</i> Gn.		1	
<i>jacchusalis</i> Wlk.	2		
<i>laevigata</i> Grt.	3		
<i>minoralis</i> Sm.		10	10
<i>protumnusalis</i> Wlk.	17	2	5
<i>theralis</i> Wlk.	1		
NOLIDAE			
Sarbsna			
<i>minuscula</i> Zell.	2		
NOTODONTIDAE			
Ceryra			
sp.	2		
<i>borealis</i> Bdv.		2	1
<i>modesta</i> Hud.	6		
<i>multiscripta</i> Riley		2	
<i>multiscripta canadensis</i> McD.	7		
<i>occidentalis</i> Lint.	1		
<i>scolopendrina</i> Bdv.	1		
Datana			
<i>angusi</i> G. & R.	5	2	
sp. prob. <i>contracta</i> Wlk.	6	14	1
<i>draxali</i> Hy. Edw.		8	2
<i>integerrima</i> G. & R.	27	21	15
<i>ministra</i> Dru.	32	28	17 E & P
<i>perspicua</i> G. & R.	1	6	1
Ellida			
<i>caniplaga</i> Wlk.	4		
Fentonia			
<i>marthessia</i> Cram.	1	1	
Gluphisia			
<i>avimacula</i> Hud.	6		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
NOTODONTIDAE (cont'd)			
Gluphisia			
<i>lintneri</i> Grt.	2		
<i>septentrionalis</i> Wlk.	43	3	
Heterocampa			
sp.	4	3	
<i>bilineata</i> Pack.	48	3	4
<i>biundata</i> Wlk.	9	9	
<i>guttivitta</i> Wlk.	93	21	4
<i>manteo</i> Dbldy.	4	11	3
<i>obliqua</i> Pack.	1		
<i>umbrata</i> Wlk.	2		
<i>umbrata pulverea</i> G. & R.	4		
Hyparpax			
<i>aurora</i> A. & S.			1
Ichthyura			
<i>albocincta</i> Fitch	30	5	5 E
<i>apicalis</i> Wlk.	20		1
<i>inclusa</i> Hbn.	33	13	2
<i>strigosa</i> Grt.	12	3	1
Lophodonta			
<i>angulosa</i> J. E. Smith	4	3	
<i>ferruginea</i> Pack.	7	1	1
Nadata			
<i>gibbosa</i> J. E. Smith	33	6	2
<i>gibbosa oregonensis</i> Butl.	1		
Nerice			
<i>bidentata</i> Wlk.	29	5	1
Notodonta			
<i>basitriens</i> Wlk.	1		
<i>simplaria</i> Graef.	10		1
<i>stragula</i> Grt.	6		
Odontosis			
<i>elegans</i> Stkr.	3		
Oligocentria			
<i>lignicolor</i> Wlk.	3	7	1
Pheosia			
<i>rimosa</i> Pack.	18	4	10
Schizura			
<i>concinna</i> J. E. Smith	138	65	20
<i>ipomoeae</i> Dbldy.	4	5	2
<i>ipomoeae cinereofrons</i> Pack.	11		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>NOTODONTIDAE (cont'd)</b>			
Schizaura			
leptinoides Grt.	11	2	
semirufescens Wlk.	2		
unicornis J. E. Smith	44	6	1
Symmerista			
albifrons J. E. Smith		2	4
canicosta Francf.	98	9	1
prob. canicosta Francf.	2		
leucitys Francf.	58	6	
<b>NYCTEOLIDAE</b>			
Baileya			
dormitans Gn.	4	1	
doubledayi Gn.	2	1	
ophthalmica Gn.	24	2	
Nycteola (Sarrothripus)			
sp.	6		
cinerea N. & D.	146	29	
frigidana Wlk.	62	5	1
<b>NYPHALIDAE</b>			
Argynnis			
aphrodite Fabr.	2		
cybele F.	2		
Asterocampa			
celtis Bdv. & Lec.	2		
Euptoieta			
claudia Cram.	2		
Limenitis			
archippus Cram.	8	2	1
arthemis Dru.	17	1	1
astyanax Fabr.	3		
Nymphalis			
antiopa Linn.	118	4	9 P
californica Bdv.	1		
j-album Bdv. and Lec.	14	3	
milberti Godt.	12	8	1
Melitaea			
nycteis Dblady. and Hew.	1		
Polygonia			
comma Harr.	9	1	
faunus Edw.	9	1	

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>NYMPHALIDAE (cont'd)</b>			
Polytonia			
interrogationis Fabr.	42	15	6 P
progne Gram.	8	4	
Vanessa			
atalanta Linn.	4	1	
cardui L.	8	6	1
virginiana Dru.	7	3	1
<b>OECOPHORIDAE</b>			
Agonopteryx			
sp.	1		
argillacea Wlsh.	10		
costimacula Clke.	7		1
gelidella Busck.	2		1
grotella Rob.	2		
pulvipennella Clem.	1		
robiniella Pack.	88		6
sp. nr. robiniella Pack.	1		
Bibarrambla			
allenella Wlsh.	29		
Depressaria			
sp.	3		
betulella Busck.	46	5	1
groteella Rob.	51	10	1
heracliana Linn.	27		4
ostreella McD.	1		
Machimia			
tentoriferella Clem.	61	1	2
Martyrhilda			
klamathiana Wlsh.	4		
sciadopa Meyr.	15	2	1
Psilocorsis			
spp.	204		2
caryae Clke.	1		
faginella Cham.	6	3	2
fletcherella Gibs.	191	14	12
quercicella Clem.	143	1	1
Schiffermulleria			
quadrinaculella Cham.	1		
Semioseopsis			
aurella Dyar	1		
inornata Wlsh.	19	3	1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>OLETHREUTIDAE</b>			
<b>Anchylopera</b>			
sp.	2		1
burgessiana Zell.	14		3
nr. burgessiana Zell.	7		1
discolorana Wlk.	12		3
furrescens Heinr.	1		1
fuscosiliana Clem.	10		1
nebeculana Clem.	9		
subaequana Zell.	1		
<b>Ancylis</b>			
meteofasciana Clem.	2		2
<b>Aphania</b>			
sp.	1		
sp. prob. bifida McD.	1		
capreana Hbn.	4		
deceptana Kft.	4		
dextrana McD.	48	1	2
spirulana McD.	1		
tertiana McD.	6		1
youngana McD.	45	2	3
<b>Badebecia</b>			
urticaria Hbn.	60	1	8
<b>Barbara</b>			
sp.			1
mappana Free.	2		1
<b>Ecdytolopha</b>			
insiticiaria Zell.	15	7	3
<b>Epibiana</b>			
abbreviatana Wlsham.	1		
<b>Epinotia</b>			
sp.	44		8
acariella Clem.	23		
connectum McD.	2		
corylana McD.	45		5
arenaria Hbn.	5		
cruciana Linn.	36		6
lindana Fern.	27		2
medioplagata Wlsham.	1		
mononana Kft.	37		
nanana Treit.	76		33 E & P
nigralbana Wlsham.	1		
nisella Clerck.	59	1	5

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
OLETHREUTIDAE (cont'd)			
Epinotia			
nisella criddleana Kft.	54	4	7
normanana Kft.	7		
rectiplicana Wlsh.	1		
solandriana Linn.	312	23	17
solicitana Wlk.	14		2
timidella Clem.	5		1
transmissana Wlk.	12		3
sp. prob. transmissana Wlk.	5		
Episimus			
argutus Clem.	34	1	2
Eucosma			
n. sp.	5		
gloriola Heinr.	81	2	8
prob. gloriola Heinr.	5		
monitorana Heinr.	9		
sp. poss. monitorana Heinr.	11		1
tocullionana Heinr.	15		5 P
Evora			
hemidesma Zell.	4		1
Exartema			
sp.	7		
appendiceum Zell.	14		
atrodentatum Fern.	4	2	
clavatum Wlk.	5		
connectum McD.	1		
corylanum Fern.	1		
fasciatum Clem.	6		
incornatum Clem.	3		1
merrickanum Kft.	1		
nigranum Heinr.	2		
permundanum Clem.	1		
punctatum Wlsh.	4	1	1
quadrifidum Zell.	1		
tilianum Heinr.	2		1
zellerianum Fern.	2	2	
Grapholitha			
eclipsana Zell.	1		1
prunivora Walsh.	15		
Gretchena			
sp.	1		
amatana Heinr.	3		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
OLETHREUTIDAE (cont'd)			
Gretchena			
delicatana Heinr.	16		1
semialba McD.	7		2
Griselda			
sp.	1		
radicana Wlsh.	29	6	3
Gymmandrosoma			
punctidiscanum Dyar	1		
Gypsonoma			
sp.	5		2
fasciolana Clem.	6		1
hainbachiana Kft.	7		2
salicicolana Clem.	6		1
substitutionis Heinr.	18		
Hedia			
chionosema Zell.	3		
ochroleucana Hbn.	1		
separatana Kft.	8		1
Kundrya			
finitimana Heinr.	2		
Laspeyresia			
sp.			1
candana Forbes	3		
caryana Fitch	40		
ingrata Heinr.	1		
toreuta Grt.	3		2
youngana Kft.	97		8
Melissopus			
latiferreanus Wlsh.	10		
Olethreutes			
bipartitana Clem.	1		
vespitana Hbn.	1	1	
glaciana Moesch.	4		
Petrova			
sp.			1
albicapitana Busck.	256	8	15
comstockiana Fern.	3		
gemistrigulana Kft.	2		
sp. nr. metallica Busck.	2		
wanzali Miller	2		
Polychrosis			
sp.	1		
piceana Free.	12		4
Proteoteras			
sp.			1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>OLETHREUTIDAE (cont'd)</b>			
<b>Proteoteras</b>			
aesculana Riley	104		4
willingana Kft.	4		
<b>Pseudarentera</b>			
sp.	21		3
costomaculana Clem.	1		
cressoniana Clem.	18		1
oregonana Wlsh. m.	12		13
<b>Rhyacionia</b>			
adana Heinr.	143		7
sp. near adana Heinr.	7		
buoliana Schiff.	467	7	11 P
busckana Heinr.	13		9
sp. poss. busckana Heinr.	1		
frustrana Comst.	16		9
sp. nr. frustrana Comst.	2		
<b>Sciaphila</b>			
duplex Wlsh. m.	211	1	6
duplex thallasana McD.	28		
<b>Sereda</b>			
lautana Clem.	2		
<b>Spilonota</b>			
sp.	1		
lariciana Heinr.	10		1
ocellana D. & S.	25		
<b>Taniva</b>			
albolineana Kft.	163	2	12 P
<b>Zeiraphera</b>			
sp.	9	10	4
diniiana Gn.	46		6
fortunana Kft.	78		9
sp. prob. fortunana Kft.	43		2
ratzeburgiana Ratz.	152	7	10
<b>PAPILIONIDAE</b>			
<b>Papilio</b>			
ajax Linn.	1	2	1
cresphontes Gram.	1	3	1
glaucus Linn.	4	15	5 P
glaucus canadensis R. & J.	8		1
philenor Linn.	1		
troilus Linn.		2	

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>PERIGOPIIDAE</b>			
Gnophaela <i>latipennis</i> Bdv.	1		
<b>PHALONIIDAE</b>			
Phalonia <i>albidana</i> Wlk.	1		
<i>rutilana</i> Hbn.	34		3 P
<i>straminoides</i> Grt.	21		3
<b>PIERIDAE</b>			
Colias <i>philodice</i> Godt.	2		
Neophasia <i>menapia</i> F. & F.	1		
Pieris <i>napi</i> Linn.	4	1	
<i>rapae</i> Linn.	3	1	3
<b>PLUTELLIDAE</b>			
Harpiteryx <i>xylostella</i> Linn.	9		1
Plutelia <i>maculipennis</i> Curt.	1		
Trachoma sp.	1		
<i>falciferella</i> Wlshm.	2		
<b>PSYCHIDAE</b>			
Solenobia <i>walshella</i> Clem.	1		
<b>PTEROPHORIDAE</b>			
Oidaematophorus <i>crenidactylus</i> Fitch	6		
<i>eupatorii</i> Fernald	1		
<i>homodactylus</i> Wlk.	1		
<i>inquinatus</i> Zell.	1		
Platyptilia <i>pallidactyla</i> Haw.	1		
<i>punctidactyla</i> Haw.	2		
Pterophorus <i>periscelidactylus</i> Fitch	5		
<i>tenuidactylus</i> Fitch	1		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
PTEROPHORIDAE (cont'd)			
Trichoptilus lobidactylus Fitch	2		
PYRALIDAE			
Acrobasis			
sp.	22		
angusella Grote	4		
betulella Hlst.	199	17	4
caryae Grt.	3		
caryivorella Rag.	3		1
comptoniella Hlst.	27	4	4
juglandis LeBar.	27		4
kearfottella Dyar	4		
ostryella Ely.	1		
rubrifasciella Pack.	113	1	3
stigmella Dyar	1		6
sylviella Ely.	11		2
tricolorella Grt.	4		
Apomyelois			
bistriatella Hlst.	1		
Argyria			
auratella Clem.	1		
Canarsia			
sp.	2		
ulmiarrosorella Clem.	62		3
Crambus			
agitatellus Clem.	2		
girardellus Clem.	3		
hamellus Thunb.	1		
hortuellus topiarius Zell.	2		
latiradiellus Wlk.	2		
perlellus innotaliellus Wlk.	1		
rusticolellus Zell.	4		
vulgivagellus Clem.	2		
Desmia			
funeralis Hbn.	7	3	3
Dioryctria			
abietivorella Grt.	61	4	9
disclusa Heinr.	20	1	6
reniculella Grt.	92	10	8 P
zimmermani Grt.	7	1	8
Ephestia			
elutella Hbn.	7		1
kuehniella Zell.	4		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
PYRALIDAE (cont'd)			
Epipaschia zelleri Grt.		1	
Eurrhyncha urticata Linn.	4		
Framinghamia helvalis Wlk.	1		2
Herculia sp.	1		
devalis Grt.	6		1
intermedialis Wlk.	2		
olinalis Gn.	1		
thymetusalis Wlk.	7	15	5
Homoeosoma stypticellum Grote	3		
Hyposopygia costalis Grt.	1		
Loxostege chortalis Grt.	1		
sticticalis Linn.	1	2	1
Macrobotys pertextalis Led.	8	2	1
thestealis Wlk.	1		1
Mecyna mustalinalis Pack.	2		
Meroptera sp.	22	1	2
abditiva Heinr.	5		
pravella Grt.	106	20	14
Moodna ostrinalla Clem.	32	1	1
Nephopteryx basilaris Zell.	1		
carneella Hlst.	1		
celtidella Hlst.			1
engeli Dyar			1
subcaesiella Gkm.	22	4	1
subfuscilla Rag.	9		
vetustella Dyar	8		
virgatella Clem.	14		2
Oneida lunulalis Hlst.		1	

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
PYRALIDAE (cont'd)			
Oreana			
unicolorella Hlst.	8	1	1
Ortholepis			
pasadamia Dyar	26	1	2
Palpita			
magniferalis Wlk.	10		1
Pantographa			
limata G. & R.	8	3	2
Parapoynx			
badiusalis Wlk.	2		
Parargyractus			
fulicalis Clem.	4		
Peoria			
approximella Wlk.	1		
Phlyctaenia			
extricalis Gn.	1	1	
sambucalis	4		
tertialis Gn.	16	1	5
Plodia			
interpunctella Hbn.	3		
Pyla			
fusca Haw.	2		
Pyrausta			
arsaltealis Wlk.			1
futilalis Led.	6		
unifascialis subolivalis Pack.	3		
Scoparia			
biplagiialis Walker	2		
centuriella D. & S.	3		
Telethusia			
ovalis Pack.	1		
Tetralopha			
sp. (Elm)	19		2
sp. (Basswood)	7		3
sp. (Ironwood)	3		
sp. (Misc.)	4		1
aplastella Hlst.	54	18	45
asperatella Clem.	90		7
expandens Wlk.	40	1	10
maritimalis McD.	1		
militella Zell.	1	1	3
robustella Zell.	7	17	7
vacciniivora Munroe	1		10

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>PYRALIDAE (cont'd)</b>			
Udea			
<i>inquinatalis</i> Zell.	1		
<i>rubigalis</i> Gn.	1		
Vitula			
<i>edmandsi</i> Pack.	1		
<b>SATURNIIDAE</b>			
Actias			
<i>luna</i> Linn.	9	11	6 E & P
Antheraea			
<i>polyphemus</i> Gram.	23	5	1
Automeris			
<i>io</i> Fabr.	17	27	8
Hyalophora			
<i>cecropia</i> Linn.	4	4	5 E
<i>columbia</i> Smith	3		1
<i>euryalus kasloensis</i> Ckll.	1		
<i>promethea</i> Dru.	2	9	2
<b>SATYRIDAE</b>			
Enodia			
<i>portlandia borealis</i> Clk.	1		
<b>SCYTHRIDAE</b>			
Scythris			
sp.	3		
<b>SPHINGIDAE</b>			
Ampelodesca			
<i>myron</i> Gram.	1		1
Amphion			
<i>nessus</i> Gram.	1		
Celerio			
<i>galii intermedia</i> Kby.	7	5	4
<i>lineata</i> Fabr.	4		1
Geratomia			
<i>amyntor</i> Hbn.	2	1	2
<i>undulosa</i> Wlk.		1	
<i>undulosa borealis</i> Clark.	6		
Gressonia			
<i>juglandis</i> J. E. Smith	1	2	1
Darapsa			
<i>pholus</i> Gram.	2		
Hemaris			
<i>diffinis</i> Bdv.	17	3	
<i>diffinis aethra</i> Stkr.	4		1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
<b>SPHINGIDAE (cont'd)</b>			
Hemaris			
thysbe Fabr.	9	4	
Hemileuca			
lucina Hy. Edw.		2	
Lapara			
bombycoides Wlk.	29	11	8 P
Pachysphinx			
modesta Harr.	6	5	14 E & P
Paonias			
astylus Dru.			1
excaecata J. E. Smith	17	1	2
myops J. E. Smith	2	1	1
Phlegethontius			
quinquemaculatus Haw.	2	2	3
sexta Johan.			1
Pholus			
achemon Dru.	2	2	
pandorus Hbn.		1	
Proserpinus			
flavofasciata Wlk.	1		
Smerinthus			
sp.	1		
carisyi Kby.	14		8 E & P
jamaicensis Dru.	5		
jamaicensis geminatus Say.	4	3	
Sphinx			
sp.	1		
chersis Hbn.	7	13	1
drupiferarum J. E. Smith	5	5	1
gordius Gram.	9	1	2
kalmias J. E. Smith	3	1	1
luscitiosa Clem.	1		
<b>SPENOMIDAE</b>			
Stenoma			
algidella Wlk.	37	1	
schlaegeri Zell.	2		
<b>THYATIRIDAE</b>			
Euthyatira			
pudens Gn.	1		1
Habrosyne			
scripta Gosse	1		
Pseudothyatira			
sp.	1		
cymatophoroides Gn.	2		
cymatophoroides expultrix Grt.	7	4	

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
TINEIDAE	1		
TISCHERIIDAE			
Tischeria			
sp.	2		1
aenea F. & B.			1
castaneaeella Cham.	51		
malifoliella Clem.	13		1
TORTRICIDAE			
Acleeris			
sp. (Willow)	51		
sp. (Misc. hosts)	37		1
bowmanana McD.	1		
braunana McD.	19		3
calignosana Wlk.	23		
celiana Rob.	18		
cellana f. albilineana Kft.	6		
chalybeana Fern.	21	1	2
cornana McD.	15		
emargana Fabr.	7		
fishiana Fern.	11		
forbesana McD.	1		
fuscana B. & B.	34	2	2
gallicolana Clem.	66		1
gallicolana f. heindelana Fern.	40		1
hastiana Linn.	1		
hudsoniana Wlk.	13		
kearfottana McD.	3		
logiana Linn.	126	1	2
logiana placidana Rob.	2		
logiana trisignana Rob.	7		1
minuta cinderella Riley	7		1
nigrolinea Rob.	36		1
nigrolinea f. ferruginiguttana Fern.	3		
nivisellana Wlsh. m.	3		
semianmula Rob.	67		2
subnivana Wlk.	2		
variana Fern.	320	7	10 P
variana angusana Fern.	3		
Adoxophyes			
negundana McD.	11		
Amorbia			
humerosana Clem.	35	1	2

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
TORTRICIDAE (cont'd)			
Archips			
sp.	6		
argyrosphilus Wlk.	128	1	2
cerasivoranus Fitch	174	64	11 P
fervidanus Clem.	68	24	1
mortuanus Kft.	5		
myricanus McD.	1		
purpuranus Clem.	8		
rosanus Linn.	8	1	1
semiferanus Wlk.	3		
Archippus			
albertus McD.	23		
dissitanus Grt.	2		
packardianus Fern.	121	4	5
strianus Fern.	52		3
Argyrotaenia			
sp.	1		
juglanda Fern.	36		2
mariana Fern.	21	1	
occultana Free.	41	1	
sp. prob. occultana Free.	1		
pinatubana Kft.	95		9
quadrifasciana Fern.	59		4 P
quercifoliana Fitch	28		1
tabulana Free.	17	3	4
velutinana Wlk.	12	1	7
Argyrotoxa (Croesia)			
albicomana Clem.	1		
curvalana Kft.	1		
semipurpurana Kft.	125	1	6 P
Batodes			
angustiorana Haw.	3		
Cenopis (part of Sparganothis)			
acerivorana MacK.	56	10	5
pettitana Rob.	86	6	8
Choristoneura			
conflictana Wlk.	107	16	4
fractivittana Clem.	21		
fumiferana Clem.	321	24	14 P
obsoletana Wlk.	1		
parallela Rob.	1		
pinus Free.	214	10	2 P
rosaceana Harr.	435	16	6
zapulata Rob.	3		

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
TORTRICIDAE (cont'd)			
Clepsis			
malalaucana Wlk.	5		
persicana Fitch	91	2	3
Coslostathma			
dissepunctana Clem.	1		
Pandemis			
sp.	1		
canadana Kft.	128		3
lamprosana Rob.	67		
limitata Rob.	36	1	
Platynota			
sp.	1		
idaeusalis Wlk.	4		
Sparganothis			
diluticostana Wlsh. M.	1		
directana Wlk.	38		3
flavibasana Fern.	7		2
niveana Wlsh. M.	3	2	
putmanana Free.	1		
reticulatana Clem.	2		
sulfureana Clem.	50	2	5
tristriata Kft.	62	5	1
unifasciana Clem.	7		1
Syndemis			
sp.	1		
afflictana Wlk.	2		
Tortricodes			
sp.	1		
Tortrix			
alleniana Fern.	8		6 P
pallorana Rob.	7	1	6
YPONOMEUTIDAE			
Argyresthia			
sp.	135		3
aureoargentella Brower	77		
freyella Wlsh. M.	24		1
goedartella Linn.	7		
laricella Kft.	85		1
oreasella Clem.	20		
pygmaeella Hbn.	48		5
thuiella Pack.	92		1

	<u>No. of adults</u>	<u>No. of blown larvae</u>	<u>No. of vials preserved material</u>
YPONEMEUTIDAE (cont'd)			
Atteva			
aurea Fitch	2		1
Ctenostoma			
sp.	176		
strobivorum Free.	81		
Swammerdamia			
sp.	2		
cuprescens Braun	12		1
Yponomeuta			
multipunctella Clem.	6		
Zelleria			
hainbachi Busck.	93		2
ZANOLIDAE			
Apatelodes			
torrefacta A. & S.			1
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TOTAL:	27,266	2,555	2,179

Number of Species: 1,342