

FOREST INSECTS COLLECTED  
IN  
PRINCE ALBERT NATIONAL PARK  
1948 - 1971

BY

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*ABSTRACT*

*Forest insects collected in Prince Albert National Park from 1948 to 1971 are listed alphabetically by order, family, genus, and species. Hosts, numbers of collections, and stages of the insects when collected are shown.*

*RESUME*

*Les insectes forestiers récoltés de 1948 à 1971 dans le parc national du Kootenay sont énumérés alphabétiquement selon les ordres, les familles, les genres et les espèces. A ceci s'ajoutent les hôtes, le nombre des récoltes et les stades de développement des insectes, s'il y a eu récolté.*

*INTRODUCTION*

The Forest Insect and Disease Survey, operating within a number of federal government departments, has been collecting forest insects in the Prairie Provinces and western National Parks since 1937. The vast majority of collections were made following post-war staff increases. Since 1948, all collections have been recorded on computer tapes, along with pertinent ecological data. Computer print-outs were used to compile the following annotated list of species collected in Prince Albert National Park from 1948 to 1971.

As most collections were made by beating foliage over a canvas sheet, some of the hosts shown for adult collections may be inaccurate. Because of the emphasis placed on the collection of some insects for special studies, the numbers of collections do not necessarily reflect the relative abundance of species.

*LIST OF COMMON NAMES OF PLANTS USED  
WITH SCIENTIFIC EQUIVALENTS*

Alder sp.	Alnus spp.
Aspen, Trembling	Populus tremuloides Michx.
Birch	Betula spp.
Birch, White	Betula papyrifera Marsh.
Birch, Water (swamp)	Betula occidentalis Hook.
Cherry, Pin	Prunus pennsylvanica L.f.
Chokecherry	Prunus virginiana L.
Dogwood, Red Osier	Cornus stolonifera Michx.
Fir, Balsam	Abies balsamea (L.) Mill.
Larch sp.	Larix spp.
Maple, Manitoba	Acer negundo L.
Pine, Jack	Pinus banksiana Lamb.
Poplar spp.	Populus spp.
Poplar, Balsam	Populus balsamifera L.
Spruce, White	Picea glauca (Moench) Voss
Spruce, Black	Picea mariana (Mill.) B.S.P.
Tamarack	Larix laricina (DuRoi) K. Koch
Willow sp.	Salix spp.

## ACARINA

Family	Genus	Species	Host	Number of Collections	Stage Collected
ERIOPHYIDAE					
Aceria	parapopuli Kieff.	Trembling aspen		1	
		Balsam poplar		1	
Eriophyes sp.		Willow		3	
		Alder sp.		3	
		Trembling aspen		2	
		Eastern chokecherry		2	
TETRANYCHIDAE					
Oligonychus	ununguis Jac.	Black spruce		1	

## COLEOPTERA

Family	Genus	Species	Host	No. of Collections	Stage Collected
BUPRESTIDAE					
	Agrilus sp.		Trembling aspen	1	A
			Willow	1	A
		anxius Gory	White birch	4	A
		criddlei Forst	Willow	1	A
	Anthaxia	aeneogaster Cast.	Tamarack	1	A
	Dicerca sp.		Trembling aspen	15	A
			White spruce	2	A
		divaricata Say	Trembling aspen	1	A
CANTHARIDAE					
	Cantharis sp.		White spruce	1	A
			Balsam fir	1	A
			Black spruce	1	A
	Podabrus sp.		White spruce	6	A
			Willow	5	A
			Black spruce	3	A
			Balsam fir	2	A
			Tamarack	2	A
			Trembling aspen	1	A
			Birch sp.	1	A
	Silis	spathulata Lec.	White spruce	1	
CARABIDAE					
	Agonum sp.		Willow	1	A
	Bembidion sp.		Jack pine	1	A
	Calosoma	frigidum Kby.	Trembling aspen	3	A
	Harpalus sp.		Willow	1	A
CERAMBYCIDAE					
	Acmaeops	proteus Kby.	Jack pine	1	A
	Anoplodera sp.		White birch	1	A

## COLEOPTERA

	<i>mutabilis</i> Newm.	White spruce	1		A
	<i>pubera</i> Say	White spruce	1		A
	<i>sexmaculata</i> Linn.	Jack pine	1		A
Meriellum	<i>proteus</i> Kby.	Trembling aspen	1		A
Monochamus sp.		White spruce	1		A
	<i>scutellatus</i> Say.	Balsam fir	1		A
	<i>titillator</i> F.	Jack pine	1		A
Oberea sp.		Balsam poplar	1	L	
	<i>schaumi</i> Lec.	Trembling aspen	2	L	
Saperda sp.		Balsam poplar	4	L	
		Trembling aspen	3	L	
	<i>calcarata</i> Say	Trembling aspen	1		A
		Balsam poplar	1		
	<i>concolor</i> Lec.	Trembling aspen	1		A
		Willow	1		
	<i>populnea</i> Linn.	Balsam poplar	1		
	<i>populnea moesta</i> Lec.	Balsam poplar	4		A
		Trembling aspen	1		
Tetropium	<i>cinnamopterum</i> Kby.	White spruce	1		A
Xylotrechus	<i>undulatus</i> Say	Tamarack	1		A
CHRYSOMELIDAE					
Adoxus	<i>obscurus</i> Linn.	White spruce	2		A
		Trembling aspen	1		A
		Poplar sp.	1		A
		Misc.	1		A
Altica sp.		Balsam poplar	3	L	A
		Black spruce	1		A
		Willow	1		A
	<i>populi</i> Brown	Balsam poplar	10	L	A
		Black spruce	1		A



## COLEOPTERA

		Alder sp.	1	L	
		Willow	1	L	
Calligrapha sp.		Willow	1		A
	alni Schffr.	Alder sp.	1		A
	philadelphica Linn.	Alder sp.	1	L	
Chalcoides sp.		Willow	2		A
Chrysochus	auratus F.	White spruce	1		
Chrysomela sp.		Balsam poplar	4	L	A
		Willow	2	L	A
		Alder sp.	2	L	
		White spruce	1		A
		Jack pine	1	L	
		Trembling aspen	1	L	
	crotchi Brown	Trembling aspen	19	E L	A
		Willow	3		A
		Balsam poplar	2	L	
		Alder sp.	2	L	
		Jack pine	1		A
	schaefferi Brown	Balsam poplar	2	L	
	scripta F.	Alder sp.	1	L	
		Willow	1		A
Diabrotica sp.		Alder sp.	1		
Disonycha	quinquevittata Say.	Willow	1	L	A
Donacia sp.		Jack pine	1		A
Gonioctena	americana Schaeef.	Trembling aspen	125	L	A
		White spruce	13		A
		Willow	9		A
		Balsam poplar	2		A
		Jack pine	2		A
		White birch	1		A
	notmani Schaeef.	White spruce	1		A
Orsodacne sp.		White spruce	1		A
		Trembling aspen	1		A

## COLEOPTERA

atra Ahr.	Trembling aspen	7		A
	Willow	7		A
	Balsam poplar	4		A
	White birch	1		A
	Jack pine	1		A
	Alder sp.	1		A
	White spruce	1	L	
Phaedon sp.	White spruce	1		A
Phratora sp.	Willow	2		A
	Trembling aspen	1		A
americana canadensis Brown	White spruce			
	Birch sp.			
Pyrrhalta sp.	Alder sp.	1	L	
carbo (Lec.)	Swamp birch	1		A
cavicollis (Lec.)	Trembling aspen	1		A
decora (Say)	Willow	60	L	A
	Trembling aspen	28		A
	Balsam poplar	7	L	A
	White spruce	2		A
	Black spruce	1		A
	Poplar sp.	1		A
Syneta sp.	Trembling aspen	1		A
	Balsam fir	1		A
pilosa Brown	White spruce	12		A
	Tamarack	3		A
	Trembling aspen	3		A
	Black spruce	3		A
	Willow	3		A
	Balsam fir	2		A
simplex Lec.	Balsam fir	1		A
Zeugophora sp.	Balsam poplar	1		A
CLERIDAE				
Thanasimus	undulatus Say	Black spruce	1	A
COCCINELLIDAE				
Adalia sp.	Trembling aspen	1		A

## COLEOPTERA

		Willow	1		A
	bipunctata Linn.	Willow	1		A
	frigida Schn.	Trembling aspen	6		A
		White spruce	4	L	A
		Willow	6		A
		Jack pine	1		A
Anatis	mali Say	White spruce	2		A
		White birch	1		A
Anisocalvia	duodecimmaculata Gebli.	White birch	3		A
		White spruce	1		A
		Willow	1		A
	quatuordecimmgut- atta Linn.	Willow	1		A
		Balsam poplar	1		A
Brachyacantha	ursina F.	White birch	1		A
Chilocorus	stigma Say	Alder sp.	1		A
Coccinella sp.		Willow	2	L	A
		Alder sp.	1		A
		White spruce	1	L	A
		Trembling aspen	1		A
	hieroglyphica kirbyi Cr.	Jack pine	1		A
	transversogutatta richardsoni Brown	Willow	6		A
		Trembling aspen	4		A
		White spruce	4		A
		Balsam poplar	2		A
		Jack pine	1		A
		Balsam fir	2		A
		Tamarack	1		A
	trifasciata perplexa Linn.	Trembling aspen	2		A
		Alder sp.	1		A
Hippodamia	convergens Guer.	White spruce	2		A
		Willow	1		A
Hyperaspis	congener Say	White spruce	1		A
		Willow	1		A
Macronaemia sp.		White spruce	1		A
Mulsantina	hudsonica Csy.	White spruce	9		A

## COLEOPTERA

		Black spruce	1		A
	<i>picta</i> Rand.	White spruce	5		A
		Jack pine	2		A
		Poplar sp.	1		A
<i>Neomysia</i>	<i>subvittata</i> Muls.	Jack pine	4	P	A
		White spruce	1		A
		Tamarack	1		A
<i>Psyllobora</i>	<i>vigintimaculata</i> Say	White spruce	1		A
CURCULIONIDAE					
<i>Acalyptus</i>	<i>carpini</i> Hbst.	Trembling aspen	1		A
<i>Anthonomus</i> sp.		White birch	1		A
		Trembling aspen	1		A
<i>Dorytomus</i> sp.		Trembling aspen	4		A
		Misc.	1		A
<i>Hylobius</i>	congener D.T.	Jack pine	1	L	A
<i>Hypera</i> sp.		Misc.	1	L P	
<i>Lepyrus</i>	<i>palustris</i> Scop.	Trembling aspen	13		A
		Willow	4		A
		Alder sp.	2		A
		Balsam poplar	21		A
		Balsam fir	2		A
		White spruce	1		A
		Jack pine	1		A
		Tamarack	1		A
		Misc.	1		A
<i>Magdalis</i>	<i>gentilis</i> Lec.	Jack pine	2		A
<i>Pissodes</i> sp.		Jack pine	1		A
		Tamarack	1		A
	<i>rotundatus</i> Lec.	Trembling aspen	1		A
	<i>strobi</i> Peck	White spruce	16	L	A
		Black spruce	8		
		Jack pine	4		A
		Tamarack	2		A
<i>Proctorus</i>	<i>armatus</i> Lec.	Trembling aspen	5		A

## COLEOPTERA

	Balsam poplar	1		A
	Misc.	1		A
	decipiens Lec.	Willow	1	A
Rhynchites sp.	Willow	1		A
ELATERIDAE				
Agriotes sp.	Trembling aspen	1		A
	limosus Lec.	White spruce	4	A
		Trembling aspen	4	A
		Jack pine	1	A
		Balsam fir	1	A
		Tamarack	1	A
Ampedus sp.	White spruce	1		A
	Spruce sp.	1		A
	Tamarack	1		A
Ctenicera sp.	White spruce	5		A
	aereipennis Kby.	Balsam poplar	1	A
		Balsam fir	1	A
		Jack pine	1	A
		White spruce	2	L A
		Trembling aspen	1	A
	appropinquans Rand.	Jack pine	4	A
		White spruce	1	A
		Black spruce	1	A
		Spruce sp.	1	A
	kendalli Kby.	Trembling aspen	2	A
		Tamarack	2	A
		Alder sp.	1	A
	leucaspis Lec.	Tamarack	1	A
	mediana Germ.	Willow	1	A
	nitidula Lec.	White spruce	12	A
		Trembling aspen	5	A
		Black spruce	5	A
		Balsam fir	1	A
		White birch	4	A
	ochreipennis Lec.	White spruce	6	A
		Balsam fir	4	A

## COLEOPTERA

	<i>propola columbiana</i> Brown	White spruce	1	A
	<i>propola propola</i> Lec.	White spruce	3	A
		Jack pine	2	A
		Trembling aspen	6	A
		White birch	6	A
		Black spruce	4	A
		Willow	3	A
		Balsam fir	1	A
		Tamarack	1	A
	<i>resplendens</i>	Willow	2	A
	<i>aeraria</i> Rand.	Trembling aspen	1	A
		Jack pine	1	A
		Dogwood	1	A
	<i>resplendens</i>	Trembling aspen	5	A
	<i>resplendens</i> Esch.	White spruce	1	A
		Birch sp.	1	A
	<i>splendens</i> Ziegl.	White spruce	1	A
		Jack pine	1	A
	<i>stricklandi</i> Brown	Balsam fir	1	A
		Tamarack	1	A
	<i>triundulata</i> Rand.	White spruce	16	A
		Tamarack	5	A
		Black spruce	4	A
		Jack pine	3	A
		Trembling aspen	2	A
		Willow	2	A
		White birch	1	A
		Balsam poplar	1	A
		Balsam fir	1	A
Lacon	<i>brevicornis</i> Lec.	White spruce	1	A
Limenius sp.		White spruce	2	A
		Balsam fir	1	A
Megapenthes sp.		White spruce	1	A
Sericus sp.		White spruce	1	A
	<i>brunneus</i> Linn.	Black spruce	1	A

## COLEOPTERA

## HELODIDAE

Cyphon	variabilis Thunb.	Jack pine	4	A
		White spruce	4	A
		Balsam poplar	3	A
		Tamarack	2	A
		Willow	1	A
		Trembling aspen	1	A
		Balsam fir	1	A
		Alder sp.	1	A

## HYDROPHILIDAE

Hydrophilus sp.		Willow	1	A
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## LAMPYRIDAE

Lucidota sp.		Black spruce	1	A
		Willow	1	A
	corrusca Linn.	White spruce	3	A
		Willow	3	A
		White birch	2	A
		Trembling aspen	2	A
		Jack pine	1	A
		Tamarack	1	A

## MELANDRYIDAE

Scotochroa sp.		Tamarack	1	A
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## MELOIDAE

Lytta	nuttali Say	Misc.	1	A
	viridana Lec.	—	1	A
Meloe	impressus	—	1	A
	impressus Kby.			

## MELYRIDAE

Attalus sp.		Jack pine	1	A
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## MORDELLIDAE

Mordella sp.		Balsam poplar	1	A
		Trembling aspen	2	A
		Jack pine	1	A

## COLEOPTERA

		Black spruce	1	A
		Alder sp.	1	A
SCARABAEIDAE				
Dichelonyx	backi Kby.	Trembling aspen	5	A
		Willow	2	A
		Jack pine	1	A
		Alder sp.	1	A
		Dogwood	1	A
Phyllophaga	rugosa Melsh.	Trembling aspen	1	A
SCOLYTIDAE				
Dendroctonus	simplex Lec.	Tamarack	3	A
Ips sp.		White spruce	4	A
	pini Say	Jack pine	1	A
		Tamarack	1	A
Pityophthorus sp.		White spruce	1	A
TENEBRIONIDAE				
Corticeus sp.		Jack pine	1	A



## DIPTERA

Family	Genus	Species	Host	No. of Collections	Stage Collected
AGROMYZIDAE					
	Napomyza		Trembling aspen	1	
		schineri Gir.	Trembling aspen	2	A
			Trembling aspen	1	
CECIDOMYIDAE					
	Cecidomyia sp.		Balsam fir	1	
			Poplar sp.	1	
		accola Vock.	Jack pine	2	
		banksianae Vock.	Jack pine	1	
		negundinis Gill.	Manitoba maple	2	
	Dasineura	balsamicola Lintn.	Balsam fir	9	
	Mayetiola sp.		White spruce	1	
			Willow	1	
		piceae Felt	White spruce	4	
		rigidae O.S.	Willow	20	L P
	Rhabdophaga sp.		White spruce	1	
			Willow	1	
		strobiloides O.S.	Willow	19	L P
		swainei Felt	Black spruce	1	
	Trishormomya	canadensis Felt	Misc.	1	
PHORIDAE					
	Megaselia sp.		Balsam poplar	1	A
SARCOPHAGIDAE					
	Sarcophaga	aldrichi Park.	White spruce	1	A
			No hosts	2	A

## DIPTERA

## SYRPHIDAE

Metasyrphus	lapponicus Zett.	White spruce	2	L	P
	americanus Wied.	White spruce	1		P

## TABANIDAE

Chrysops sp.		Willow	1		A
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## TACHINIDAE

Lypha	setifacies West.	Trembling aspen	1	L	
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## TEPHRITIDAE

Eurosta	solidaginis Fitch	Misc.	3		
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## THEREVIDAE

Thereva sp.		White spruce	1		A
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## TIPULIDAE

Nephrotoma sp.		White spruce	1		A
Tipula sp.		Willow	1		A

## HEMIPTERA

Family Genus	Species	Host	No. of Collections	Stage Collected
ANTHOCORIDAE				
Lyctocoris sp.		Black spruce	1	A
	elongatus Reut.	White spruce	1	A
Tetrupleps sp.		Balsam poplar	1	A
	canadensis Parsh.	Black spruce	1	A
ARADIDAE				
Aradus sp.		White spruce	1	A
		Jack pine	1	A
		Spruce sp.	1	A
	inornatus Uhl.	White spruce	1	A
LYGAEIDAE				
Kleidocerys	germinatus Say	Alder sp.	1	A
MIRIDAE				
Adelphocoris	rapidus Say	Tamarack	1	
Deraeocoris		Trembling aspen	1	A
	albigulus Kngt.	Jack pine	1	A
	aphidiphagus Kngt.	Jack pine	1	A
	nigritulus Kngt.	White spruce	1	A
Lygus sp.		Jack pine	3	A
		Willow	1	A
	rubrosignatus Kngt.	Jack pine	3	A
NABIDAE				
Nabis	ferus L.	Trembling aspen	1	A

## HEMIPTERA

## PENTATOMIDAE

Banasa	dimidiata Say	Balsam poplar	1		A
Cosmopepla	bimaculata	Tamarack	1		A
	Thomas	Alder sp.	1		A
Elasmostethus	cruciatus Say	Willow	3		A
		White spruce	1		A
		White birch	1		A
		Trembling aspen	1		A
		Alder sp.	1		A
Meadorus	lateralis Say	Willow	4		A
		White birch	3		A
		Trembling aspen	1		A
		Alder sp.	1	L	
Podisus sp.		Willow	1		A
	modestus Dall.	Trembling aspen	1		A
		Willow	1		A
	placidus Uhl.	Tamarack	1		
	servieventris Uhl.	White spruce	1		A

## TINGIDIDAE

Corythucha sp.		Willow	1		A
	elegans Drake	Willow	2		A
	mollicula O. & D.	Willow	1		A
	pallipes Parsh.	Alder sp.	1	P	A

## HOMOPTERA

Family	Genus	Species	Host	No. of Collections	Stage Collected
ACHILIDAE					
	Eiptera	sp.	White spruce	3	A
			Black spruce	1	A
			Jack pine	1	A
			Alder		L P
		pallida Say	White spruce	1	A
		slossoni VanD.	White spruce	1	A
		variegata VanD.	Tamarack	2	A
ADELGIDAE					
	Adelges	sp.	White spruce	11	L A
			Black spruce	2	
			Jack pine	1	
		abietis Linn.	White spruce	37	E L
			Black spruce	3	
		cooleyi Gill.	White spruce	4	
			Black spruce	1	
		lariciatus	White spruce	9	
		Patch	Black spruce	1	
	Pineus	similis Gill.	White spruce	1	
APHIDAE					
	Aphis	maculatae Oest.	Balsam poplar	1	A
		farinosa Gmelin	Willow	1	A
	Asiphum	sp.	Trembling aspen	2	
		rosettei Maxson	Trembling aspen	1	
		sacculi Gillette	Trembling aspen	1	
	Chaitophorus	populicola	Trembling aspen	6	A
		Thos.	Willow	2	A
			Balsam poplar	2	
			White		

## HOMOPTERA

Cinara sp.		White spruce	3	A	
		Black spruce	3	A	
		Tamarack	3	A	
		Jack pine	2	A	
		banksiana P. & T.	Jack pine	1	A
		canatra H. & B.	Jack pine	2	A
		fornacula H.	White spruce	3	A
			Black spruce	1	A
		hottesi G. & P.	White spruce	1	A
		laricifex Fitch	Tamarack	9	A
		lasiocarpe G. & P.	Balsam fir	1	A
		palmerae Gill.	White spruce	1	A
			Black spruce	1	A
Pteracomma sp.		Trembling aspen	2		
		Willow			
		populifoliae Fitch	Trembling aspen Balsam poplar	1 1	
Macrosiphum sp.		Balsam poplar	1		
		Misc.	1		
Mindarus	abietinus Koch.	White spruce	2		
		Balsam fir	2		
Mordwilkoja	vagabunda Walsh	Trembling aspen	35		
		Poplar sp.	1	L	
Pemphigus sp.		Balsam poplar	2	L	
		populi-caulis Fitch	Balsam poplar	3	
		populi- transversus Riley	Trembling aspen	1	
			Balsam poplar	6	
Periphyllus sp.		Willow	4		
		negundinis Thos.	Trembling aspen	1	

## HOMOPTERA

Schizolachnus sp.		Jack pine	1	
	piniradiatae Dav.	Jack pine	1	
Wahlgreniella	crataegi Monell	Misc.	1	
CERCOPIDAE				
Aphrophora sp.		White spruce	8	
		Black spruce	4	
		Tamarack	1	
		Jack pine	1	
		Balsam poplar	1	
		Willow	1	
	parallela Say	White spruce	2	
		Jack pine	1	
		Willow	1	
	permutata Uhl.	White spruce	2	A
		Balsam fir	1	A
		Jack pine	1	A
	signoreti Fitch	White spruce	3	A
		Black spruce	1	A
		Tamarack	2	A
		Alder	1	A
Clastoptera	obtusa Say	White spruce	2	A
		Alder	1	A
Philaenus sp.		White spruce	1	A
CICADELLIDAE				
Agallia sp.		Alder	1	A
Aphrodes sp.		White spruce	1	A
Cuerna	striata Walk.	Trembling aspen	1	A
Gypona sp.		Trembling aspen	1	A
Idiocerus sp.		Trembling aspen	23	L A
		Balsam poplar	8	
		Willow	2	
	lachrymalis Fitch	Trembling aspen	3	A

## HOMOPTERA

	populi L.	Trembling aspen	3		A
		Jack pine	1		A
		Balsam poplar	1		
		Willow	3	L	A
		Tamarack	1		A
Oncopsis	minor Fitch	White birch	1		
CIXIIDAE					
Cixius	basalis Vand.	White spruce	1		A
COCCIDAE					
Chionaspis	sp.	Birch	1		
Phenacaspis	pinifoliae Fitch	White spruce	1		
Physokermes	sp.	White spruce	1		
	piceae (Schr.)	White spruce	14		A
MEMBRACIDAE					
Palonica	sp.	White spruce	1		A
	pyramidiata Uhl.	White spruce	1		A
		Willow	2		A
Stictocephala	basalis Wlk.	Trembling aspen	1		A
		White birch	1		A
		Tamarack	1		A
Telamona	sp.	Willow	1		A



## HYMENOPTERA

Family Genus	Species	Host	No. of Collections	Stage Collected		
ARGIDAE						
Arge sp.		Trembling aspen	1		P	
		Alder	1	L		
	clavicornis F.	Birch	6		L	P
		White spruce	3	E	L	A
		White birch	6		L	P
		Willow	5		L	
		Alder	6		L	
		Jack pine	1			A
		pectoralis Leach	Birch	3		L
	White birch		2		L	
	Alder		1		L	
	BRACONIDAE					
Apanteles sp.		Tamarack	1		P	
Meteorus sp.		Willow	1			
Rogas		Tamarack	1	L		
CIMBICIDAE						
Cimbex	americana Leach	Alder	3	L		
		White birch	2		P A	
		Willow	1	L		
Trichiosoma sp.	triangulum Kby.	Willow	2	L		
		Birch	2	L		
		Willow	5	L		
		Trembling aspen	2		P A	
		Jack pine	1	L		
		Alder	1	L		
		Misc.	1		A	
		Zaraaa	americana Cress.	White spruce	1	
Jack pine	1			L		
Willow	1				A	
inflata Nort.	Tamarack		1		A	
	Willow		1		A	

## HYMENOPTERA

## CYNIPIDAE

Diplolepis sp.	Misc.	4	
nebulosa Bass.	Misc.	2	

## DIPRIONIDAE

Neodiprion sp.	White spruce	1	P
	Jack pine	4	L
abietis Harr.	White spruce	70	L P
dyari Roh.	Jack pine	2	L P
nanulus Schedl.	Jack pine	7	L P
pratti	Jack pine	1	L
banksianae			
Roh.			
swainei Midd.	Jack pine	1	L
virginiana Roh.	Jack pine	4	L P

## EULOPHIAE

Tetrastichus	malacosomae	Trembling aspen	1
	Grlt.		

## ICHNEUMONIDAE

Amblyteles sp.	Jack pine	1	A
Erromenus	bedardi Prov.	White spruce	1 A
Glypta sp.	White spruce	1	L
	Trembling aspen	3	L
	Balsam fir	1	A
Ophion sp.	Swamp birch	1	A
Phaeogenes sp.	Trembling aspen	1	A
Theronia	atalantae Poda	Trembling aspen	1 A

## PAMPHILIIDAE

Acantholyda sp.	White spruce	10	L
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## HYMENOPTERA

Cephalcia sp.		White spruce	6	L	A
		Jack pine	1	L	
Neurotoma sp.		Pin Cherry	1	L	
		Misc.	1	L	
	inconspicua Nort.	Pin Cherry	1	L	
POMPILIDAE					
Anoplius sp.		Jack pine	1		
PTEROMALIDAE					
Rhopalicus sp.		Alder	1	L	
SIRICIDAE					
Urocerus	albicornis F.	White spruce	1	L	
TENTHREDINIDAE					
Allantus sp.		Water birch	1	L	
Amauronematus sp.		Trembling aspen	2	L	
		Willow	30	L	P
		Balsam poplar	2	L	
		Alder	3	L	
Ametastegia	tener Fall.	White spruce	1	L	P
Anoplonyx sp.		Tamarack	19	L	
		Larch	6	L	
	canadensis Hgtn.	Tamarack	4	L	
		Willow	1	L	
	luteipes Cress.	Tamarack	34	L	P
	occidens Ross	Tamarack	7	L	
		White spruce	1	L	
Cladius sp.		Willow	1	L	
Dimorphopteryx		Birch	1	L	
	pinguis Nort.	White birch	1	L	
Dolerus sp.		Black spruce	1		A

## HYMENOPTERA

Empria	multicolor	Birch	1	L		
	Nort.	Alder	1	L		
Euura sp.		Willow	1			
Fenusa	dohrnii	Alder	12	L		
	Tischb.					
	pusilla Lep.	Alder	1			
Nematinus	unicolor Marl.	Alder	1	L		
		White birch	1	L		
Nematus sp.		Willow	53	L	P	
		Alder	3	L		
		Birch	6	L		
		Trembling aspen	7	L	P	
		Balsam poplar	6	L		
		limbatus	Willow	1	L	
	Cress.					
	populi Marl.	Trembling aspen	1	L	P	
	unicolor Marl.	White birch	6	L		
ventralis Say	Willow	2	L	P		
Phyllocolpa sp.		Balsam poplar	5	L		
		Trembling aspen	2	E		
Pikonema	alaskensis Roh.	White spruce	101	L	P	
		Black spruce	17	L	P	
	dimmockii	White spruce	48	L	P	
		Cress.	Black spruce	4	L	P
Platycampus sp.		Willow	1			
		americanus Marl.	White spruce	1	L	
Priophorus sp.		White birch	1	L		
		pallipes Lep.	Birch	2	L	
			White birch	2	L	
			Alder	1	L	
			Willow	1	L	
Pristiphora sp.		White spruce	8	L	P	
		Willow	2	L	P	

## HYMENOPTERA

	banksi Marl.	Tamarack	1	L	
	erichsonii Htg.	Tamarack	201	E L P A	
	lena King.	White spruce	1	L P	
	siskiyouensis Marl.	White birch Alder	2 1	L P L	
	sycophanta Walsh	Birch Willow	2 1	L L	
Rhogogaster sp.		Trembling aspen Willow	2 1	L L	
	californica Nort.	White spruce Trembling aspen Alder	1 1 1	L L L	
Tenthredo sp.		Willow Alder White birch Trembling aspen White spruce	5 5 5 1 1	L L L L L	
	cinctitibiis Nort.	Trembling aspen	1	L	
XYELIDAE					
Pleroneura	brunneicornis Roh.	Balsam fir	2	L	

## LEPIDOPTERA

Family	Genus	Species	Host	No. of Collections	Stage Collected
AEGERIIDAE					
	Aegeria	tibialis Harr.	Alder	1	L
ARCTIIDAE					
	Diacrisia	virginica Fabr.	Misc.	1	L P
	Halisidota	maculata Harr.	Willow	12	L
			Trembling aspen	3	L P
			Balsam poplar	4	L
			Alder	4	L P
	Haploa	confusa Lyman	White spruce	1	A
	Lexis	bicolor Grt.	White spruce	1	A
			Black spruce	1	A
			Tamarack	2	L
COLEOPHORIDAE					
	Coleophora sp.		Trembling aspen	2	L
			White birch	1	L
COSSIDAE					
	Prionoxystus	macmurtrei Guer.	Trembling aspen	1	L
GELECHIIDAE					
	Anacampis	innoculella Zell.	Balsam poplar	1	L
	Compsolechia sp.		Trembling aspen	1	L
		niveopulvella Cham.	Trembling aspen	1	L
	Eucordylea sp.		Black spruce	1	L
			Tamarack	1	L
GEOMETRIDAE					
	Alsophila	pometaria Harr.	Trembling aspen	1	A

## LEPIDOPTERA

Anacamptodes	vellivolata Hlst.	Balsam fir	1	L	
Biston	cognataria Gn.	Alder	1	L	
		White birch	2	L	
		Birch	1	L	
		Willow	2	L	
		Tamarack	1	L	
		Misc.	1	L	
Campaea	perlata Gn.	Trembling aspen	9	L	
		Willow	5	L	
		White spruce	1	L	
		Birch	2	L	
		Dogwood	1	L	
Caripeta	divisata Wlk.	Tamarack	1	L	
		Larch	1	L	
Cosymbia	pendulinaria Gn.	Birch	2	L	
		White birch	2	L	P
		Willow	2	L	
		Alder	1	L	
		Trembling aspen	1		A
Deilinia sp.	borealis Hlst.	Alder	1	L	
		Willow	1	L	
		Birch	1	L	
Ectropis	crepuscularia Schiff.	Trembling aspen	1	L	
		Black spruce	1		A
		Tamarack	1	L	
Eufidonia	notataria Wlk.	Tamarack	5	L	A
		Larch	1	L	
		Jack pine	1	L	
Eupithecia sp.		Tamarack	2	L	
		White spruce	1	L	
	filmata Pears.	Tamarack	4	L	
		White spruce	13	L	
		Black spruce	2	L	
	fletcherata Tayl.	Tamarack	1	L	

## LEPIDOPTERA

	gelidata	White birch	2	L	
	Moesch.	Alder	1	L	
	luteata	Tamarack	3	L	
	Pack.	White spruce	3	L	
		Black spruce	2	L	
	palpata Pack.	White spruce	1	L	
	ravocostaliata	Willow	2	L	
	Pack.				
Hydriomena sp.		Alder	1	L	
		Willow	1	L	
	divisaria Wlk.	Tamarack	1	L	
	furcata Thun.	Willow	2	L	
Hypagyrtis sp.		White birch	1	L	
	piniata Pack.	White spruce	2	L	
		Trembling aspen	1	L	
Iridopsis	larvaria	Alder	1	L	
	Gn.				
Itame	loricaria	White birch	1	L	
	Evers.	Alder	2	L	
		Trembling aspen	19	L	P
		Willow	7	L	A
		Poplar	1	L	
		White spruce	1	L	
	loricaria	White spruce	1		P
	julia Hlst.				
Lambdina	fiscellaria	White birch	1	L	
	fiscellaria	Birch	1	L	
	Gn.	Black spruce	1	L	
		Jack pine	1	L	
Leucobrephos	brepoides Wlk.	Trembling aspen	1	L	
Lobophora	nivigerata	Alder	1	L	
	Wlk.	Birch	1	L	
Nepytia	canosaria Wlk.	Balsam fir	1	L	
		White birch	1	L	



## LEPIDOPTERA

Nyctobia	limitaria Wlk.	Tamarack	8	L	
		Balsam fir	3	L	
		Balsam poplar	1	L	
		White spruce	3	L	
		Jack pine	1	L	
Operophtera	bruceata Hlst.	Trembling aspen	5	L	
		Balsam poplar	1	L	
		Willow	1	L	
Plagodis sp.	alcoolaria Gn.	Alder	1	L	
		White birch	3	L	
		Alder	1	L	
		White birch	1	L	
Prochoerodes	transversata Dru.	Balsam poplar	1	L	
Protoboarmia	porcelaria indicataria Wlk.	Willow	1	L	
		White spruce	1	L	
		Tamarack	5	L	
		White birch	1	L	
Rheumaptera	hastata Linn.	Alder	1	L	
		White birch	1	L	
		Misc.	1	L	
Selenia	kentaria G. & R.	Alder	1	L	
Semiothisa sp.		White spruce	2	L	
		aemulataria Wlk.	White birch	1	L
			Tamarack	1	L
			Alder	1	L
			Willow	1	L
		bicolorata Fabr.	Jack pine	3	L
		granitata Gn.	White spruce	5	L
			Black spruce	2	L
			Tamarack	4	L

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## LEPIDOPTERA

	<i>sexmaculata</i>	Tamarack	43	L	P
	Pack.	Larch	7	L	P
		White spruce	1	L	
		Black spruce	1	L	
GRACILLARIIDAE					
	<i>Gracillaria</i> sp.	Willow	2		P
		Alder	1		P
	<i>Lithocolletis salicifoliella</i>	Trembling aspen	18		
	Cham.	Balsam poplar	6		
	<i>tremuloidiella</i>	Trembling aspen	8	L	
	Braun.				
	<i>Phyllocnistis</i> sp.	Trembling aspen	1		
	<i>populiella</i>	Trembling aspen	2		
	Cham.				
HESPERIIDAE					
	<i>Erynnis icelus</i>	Trembling aspen	1		A
	Scud. & Burg.				
	<i>Thorybes pylades</i>	Dogwood	1		A
	Scud.				
LASIOCAMPIDAE					
	<i>Epicnaptera americana</i>	Balsam poplar	1	L	
	Harr.	Willow	1	L	
	<i>Malacosoma</i> sp.	Trembling aspen	3	L	
		Birch	1	L	
		Tamarack	1	L	
	<i>disstria</i>	White spruce	4		P
	Hbn.	Jack pine	4		P
		Dogwood	2	L	
		Willow	14	L	
		White birch	3	E	P A
		Balsam poplar	9		A
		Trembling aspen	250	E L	P A
		Misc.	7	L	P
		Chokecherry	4	L	P
	<i>californicum</i>	Chokecherry	6	L	
	<i>lutescens</i>	Misc.			
	(N. & D.)	Willow	1	L	

## LEPIDOPTERA

## LYCAENIDAE

Incisalia	niphon clarki Free.	Jack pine	3	L
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## LYMANTRIIDAE

Orgyia sp.		Tamarack	1	L
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	antiqua L.	White spruce	1	L
		Willow	1	L
		Alder	1	L

Parorgyia sp.		Willow	1	L
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	plagiata Wlk.	White spruce	10	L
		Black spruce	2	L
		Willow	1	L
		Tamarack	1	L P

	vagans	White birch	2	L
	B. & McD.	Trembling aspen	1	L
		Willow	1	L
		Jack pine	1	L

## LYONETIIDAE

Bucculatrix	canadensisella	White birch	3	L
	Cham.	Birch	5	L P

## NEPTICULIDAE

Ectoedemia	populella Busck.	Trembling aspen	1	
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## NOCTUIDAE

Acronicta sp.		Balsam poplar	1	L
		Alder	1	L
		Birch	3	L
		Willow	2	L
		Trembling aspen	2	L

	dactylina Grt.	Alder	5	L P
		Birch	1	L
		Willow	2	L

	fragilis Gn.	Birch	4	L
		White birch	6	L
		Willow	1	L

	grisea Wlk.	Birch	4	L
		Alder	3	L

## LEPIDOPTERA

		White birch	2	L
		Willow	5	L
	<i>innotata</i> Gn.	White birch	1	L
		Misc.	1	L
	<i>leporina</i> Linn.	Trembling aspen	1	L
<i>Andropolia</i>	<i>contacta</i> Wlk.	Trembling aspen	3	L
<i>Anomogyna</i>	<i>elimata</i> Gn.	Jack pine	2	L
		White spruce	1	L
	<i>perquiritata</i> Morr.	White spruce	1	L
<i>Autographa</i> sp.		White spruce	4	L
		White birch	1	L
<i>Catocala</i> sp.		Birch	1	L
	<i>relicta</i> Wlk.	Poplar	1	L
		Trembling aspen	1	L
<i>Cucullia</i>	<i>intermedia</i> Speyer	White birch	2	L
<i>Enargia</i>	<i>decolor</i> Wlk.	Trembling aspen	7	L P
	<i>infumata</i> Grt.	Trembling aspen	1	L
<i>Epizeuxis</i>	<i>aemula</i> Hbn.	Black spruce	4	L
	<i>americalis</i> Gn.	Black spruce	1	L
<i>Eupsilia</i> sp.		Willow	3	L
		Trembling aspen	1	L
	<i>sidus</i> Gn.	Willow	1	L
	<i>tristigmata</i> Grt.	Willow	1	L
		Black spruce	1	L
<i>Feralia</i>	<i>jocosa</i> Gn.	White spruce	8	L
<i>Homoglaea</i>	<i>hircina</i> Morr.	Trembling aspen	11	L
		Balsam poplar	1	L
<i>Ipimorpha</i>	<i>pleonectusa</i> Grt.	Poplar	1	L
		Trembling aspen	1	L
		Willow	1	L

## LEPIDOPTERA

Lithophane sp.		Birch	1	L	
		White spruce	1	L	
		Alder	1	L	
		Tamarack	2	L	
		Willow	1	L	
		Trembling aspen	1	L	
		Balsam poplar	1	L	
	amanda Sm.	White birch	1	L	
	pexata Grt.	Alder	1	L	
Mamestra	curialis Sm.	Alder	1	L	
Orthosia	hibisci Gn.	Trembling aspen	17	L	
		White spruce	3	L	
		Willow	5	L	
		Balsam poplar	6	L	
		Balsam fir	1	L	
		Swamp birch	1	L	
		Alder	1	L	
Palthis sp.		Birch	2	L	
	angulalis Hbn.	Alder	2	L	
		White birch	1	L	
		Birch	1	L	
Panthea	acronyctoides Wlk.	White spruce	1	L	
Polia	pulverulenta Sm.	Willow	1	L	
	radix Wlk.	Tamarack	1	L	
Raphia	frater Grt.	Trembling aspen	1	L	
Syngrapha sp.		White spruce	4	L	
		Willow	1	L	
Xylomyges	dolosa Grt.	Trembling aspen	4	L	
Zale sp.		Jack pine	2	L	
	duplicata Beth.	Jack pine	5	L	P
		Tamarack	1		A
Zanclognatha sp.		Willow	1	L	

## LEPIDOPTERA

## NOTODONTIDAE

Cerura sp.		Birch	1	L
	occidentalis Lint.	Willow	1	L
Nadata	gibbosa J.E. Smith	Birch	1	L
Schizura sp.		Birch	2	L
		Trembling aspen	1	L
	concinna J.E. Smith	Trembling aspen	2	L
	leptinoides Grt.	Birch	1	L
	unicornis J.E. Smith	Alder Birch	2	L

## NYCTEOLIDAE

Nycteola	cinereana N. & D.	Balsam poplar	6	L P
	frigidana Wlk.	Balsam poplar	5	L P
		Willow	5	L P
		Trembling aspen	1	L

## NYMPHALIDAE

Limnitis	arthemis Dru.	Trembling aspen	1	L
		Balsam poplar	1	L
		Willow	1	L
Nymphalis sp.		Jack pine	1	L P
	antiopa L.	Willow	3	L
	milberti Godt.	Misc.	1	L

## OLETHREUTIDAE

Aphania sp.		Balsam poplar	2	L P
		Trembling aspen	1	L
	dextrana McD.	Trembling aspen	1	P
Badebecia	urticana Hbn.	Balsam poplar	4	L
		Trembling aspen	3	L
		Dogwood	1	L

## LEPIDOPTERA

Epinotia sp.		Willow	2	L	P
		Balsam poplar	1	L	
	nisella criddleana Kft.	Trembling aspen	5	L	
		rectiplicana Wlshm.	Willow	1	L
	solandriana Linn.	Balsam poplar	6	L	
		Trembling aspen	3	L	
		White birch	2	L	
		Dogwood	1	L	
		Willow	1	L	
Grapholitha	prunivora Walsh	White spruce	1	L	
Griselda	radicana Wlshm.	White spruce	8	L	
Laspeyresia	bracteata	White spruce	1	L	
Paralobesia	piceana Free.	White spruce	2	L	
Petrova	albicapitana Busck.	Jack pine	27	L	P A
Proteoteras	willingana Kft.	Manitoba maple	2	L	
		Misc.	1	L	
Pseudexentera	oregonana Wlshm.	Trembling aspen	4	L	
		Balsam poplar	1	L	
Sciaphila	duplex Wlshm.	Trembling aspen	10	L	
Zeiraphera sp.		White spruce	3	L	
	canadensis Mut. & Free.	White spruce	1	L	
	fortunana Kft.	White spruce	3	L	
	improbana (Wlk.)	Tamarack	1	L	
PAPILIONIDAE					
Papilio	glaucus canadensis R. & J.	Willow	1	L	
		Alder	1		P

## LEPIDOPTERA

## PERICOPIDAE

Gnophaela	latipennis Bdv.	Birch	1		A
		Misc.	1	L	

## PLUTELLIDAE

Cerostoma	dorsimaculella Kft.	Willow	1	L	P
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## PYRALIDAE

Acrobasis	betulella Hlst.	Birch	1	L	
		White birch	1	L	
Desmia	funeralis Hbn.	Willow	1		A
Dioryctria	abietivorella Grt.	Black spruce	2	L	
		Balsam fir	1	L	
		Jack pine	1	L	
	reniculella Grt.	White spruce	6	L	A
		Tamarack	1	L	
Herculia	thymetusalis Wlk.	Black spruce	15	L	P A
		White spruce	1	L	
Meroptera	pravella Grt.	Trembling aspen	12	L	
Tetralopha sp.	asperatella Clem.	Black spruce	1	L	
		Balsam poplar	2	L	
		Black spruce	2	L	
		Trembling aspen	21	L	

## SATURNIDAE

Actias	luna Linn.	Birch	1	L	
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## SPHINGIDAE

Celerio	lineata Fabr.	Misc.	1	L	
Hemaris	thysbe Fabr.	Misc.	1		A
Lapara	bombycoides Wlk.	Jack pine	1	L	

## TORTRICIDAE

Acleris sp.		Alder	1	L	
		White birch	2	L	



## LEPIDOPTERA

		Willow	6	L	
		Trembling aspen	1	L	
		Poplar	1	L	
		Birch	1	L	
	celiana Rob.	Birch	1		P
	fishiana Fern.	Black spruce	1	L	
	hudsoniana Wlk.	Willow	1	L	
	logiana Linn.	White birch	4	L	
		Birch	1	L	
	variana Fern.	White spruce	53	L	P
		Black spruce	9	L	
		Balsam fir	4	L	
		Willow	3	L	
Archips sp.		White spruce	2	L	
		Balsam fir	1	L	
		Trembling aspen	1	L	
		White birch	2	L	
		Balsam poplar	1	L	
		Dogwood	1	L	
	argyrosphilus Wlk.	Balsam poplar	1	L	
	cerasivoranus Fitch.	Eastern chokecherry	18	L	
Archippus	albertus McD.	Black spruce	8	L	P
		Tamarack	1		A
	packardianus Fern.	White spruce	3	L	P
Argyrotaenia sp.		White spruce	1	L	
	mariana Fern.	Tamarack	1	L	
	pinatubana Kft.	Jack pine	1	L	
	tabulana Free.	Jack pine	2	L	
Choristoneura sp.		Jack pine	3	L	P
		White spruce	1		P
	conflictana Wlk.	Trembling aspen	80	E L	P A
		Balsam poplar	4	L	
		White spruce	2	L	

## LEPIDOPTERA

		Dogwood	3	L
		Willow	3	L
		Poplar	2	L
		Misc.	3	L P
<i>fumiferana</i>		White spruce	5	L P
Clem.		Jack pine	2	L
		Tamarack	1	L
		Spruce spp.	1	L
<i>pinus pinus</i>	Free.	Jack pine	17	L P
<i>rosaceana</i>	Harr.	Balsam poplar	2	L
		Trembling aspen	4	L
<i>Clepsis</i>	<i>persicana</i>	White spruce	2	L
	Fitch.	Trembling aspen	4	L
		Willow	1	L
<i>Pandemis</i>	<i>canadana</i>	Trembling aspen	13	L
		Willow	9	L
		White birch	1	L
		Balsam poplar	5	L
	<i>limitata</i>	Balsam poplar	1	L
	Rob.			

## NEUROPTERA

Family	Genus	Species	Host	No. of Collections	Stage Collected
CHRYSOPIDAE					
	Chrysopa	sp.	Alder	1	A
	Hemerobius	sp.	White spruce	1	A
	Wesmaelius	lonifrons Wlk.	Jack pine	1	A

## TRICHOPTERA

Family			No. of	Stage
Genus	Species	Host	Collections	Collected
LIMNEPHILIDAE				
	Limnephilus sp.	White spruce	1	A
		Jack pine	1	A

Revised

## LEPIDOPTERA

		Dogwood	3	L
		Willow	3	L
		Poplar	2	L
		Misc.	3	L P
<i>fumiferana</i>		White spruce	5	L P
<i>Clem.</i>		Jack pine	2	L
		Tamarack	1	L
		Spruce spp.	1	L
<i>pinus pinus</i>	Free.	Jack pine	17	L P
<i>rosaceana</i>	Harr.	Balsam poplar	2	L
		Trembling aspen	4	L
<i>Clepsis</i>	<i>persicana</i>	White spruce	2	L
	Fitch.	Trembling aspen	4	L
		Willow	1	L
<i>Panademis</i>	<i>canadiana</i>	Trembling aspen	13	L
		Willow	9	L
		White birch	1	L
		Balsam poplar	5	L
	<i>limitata</i>	Balsam poplar	1	L
	Rob.			