

**INSECTS AND MITES ASSOCIATED
WITH ONTARIO FORESTS:
CLASSIFICATION, COMMON NAMES,
MAIN HOSTS, AND IMPORTANCE**

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ABSTRACT

This report was prepared to facilitate the use of scientific and common names of insects and mites dealt with by the forestry community of Ontario and includes most of the species recorded by the Forest Insect and Disease Survey Unit over the past 48 years. Insects and mites are arranged alphabetically by genus and species. Information provided for each entry includes order, family name, common name, host plant or insect type, and a rating of current importance.

RÉSUMÉ

Préparé en vue de faciliter l'emploi des noms scientifiques et vernaculaires des insectes et acariens auxquels les chercheurs forestiers de l'Ontario ont affaire, le présent rapport comporte la plupart des espèces enregistrées par le Relevé des insectes et des maladies des arbres forestiers au cours des 46 dernières années. La disposition adoptée est l'ordre alphabétique par genre et espèce. Pour chaque entrée l'information fournie comprend l'ordre, le nom de famille, le nom vernaculaire, la plante-hôte ou le type d'insecte et un paramètre d'importance courant.

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cover photo: Cecropia moth

INTRODUCTION

This report, originally prepared by W.J. Miller and O.H. Lindquist in 1971, was first revised in 1975 and subsequently in 1981 and 1988. It is an alphabetical listing by genus and species of most of the insects and mites received by the Forest Insect and Disease Survey Unit in Ontario over the past 48 years. Also included are selected insects that are serious pests in other parts of Canada but are not currently found in Ontario. The order and family name are given for each species. Only in one family, the Tortricidae (order Lepidoptera), have we attempted to separate subfamilies; we have used the term "Olethreutinae" where applicable. The scientific names are those in current use at the time of publication and are taken from the most recent checklists, catalogues, and other literature. Most of the names are those in current use at the Centre for Land and Biological Resources Research (formerly, the Biosystematics Research Centre), Agriculture Canada, which is the custodian of the Canadian National Collection of Insects. Common names were drawn from the entomological literature; however, for cases in which no common name existed a descriptive name was devised by the authors. Generalized names were used for less common species. In large part, the common names used have been approved by the Entomological Society of Canada and the Entomological Society of America. Care has been taken to standardize the way in which authority names have been presented. The main host plant(s), if known, are listed for each species of phytophagous forest insect. The designation "general feeder" pertains to a combination of coniferous

and deciduous hosts. Other nonphytophagous or subterranean forest insects as well as agricultural and household pests are, for the most part, classified only by insect type, such as parasite or predator. Each entry includes a current importance rating. These ratings are defined as follows:

- A. of major importance, capable of killing or severely damaging trees or shrubs;
- B. of moderate importance, capable of sporadic or localized injury to trees or shrubs;
- C. of minor importance, not known to present a threat to living trees or shrubs;
- D. beneficial, killing other insect pests;
- E. of major importance in other parts of North America but not currently known to occur in Ontario;
- F. insects of forest products or insects associated with the forest environment but not attacking forest trees or shrubs; and
- G. miscellaneous insects of no consequence in forestry.

This compilation should be useful to any individual who is periodically confronted with unfamiliar scientific names of forest insects and mites. It should also serve as a general reference for stenographic and library staff, various other support groups of federal and provincial governments, and academic institutions in which forestry and related disciplines are taught. It is not intended as a nomenclatural authority for reporting of research.

1. ALPHABETICAL LISTING BY GENUS AND SPECIES

ALPHABETICAL LISTING BY GENUS AND SPECIES

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Abagrotis alternata</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	unknown	C
<i>Abgrallaspis ithacae</i> (Ferris)	Homoptera	Diaspididae	hemlock scale	spruce, fir, hemlock	C
<i>Acalitus rudis</i> (Can.)	Acari	Eriophyidae	birch budgall mite	birch	C
<i>Acantholyda erythrocephala</i> (L.)	Hymenoptera	Pamphiliidae	pine false webworm	pine	A
<i>luteomaculata</i> (Cress.)	Hymenoptera	Pamphiliidae	webspinning sawfly	pine	C
<i>maculiventris</i> (Nort.)	Hymenoptera	Pamphiliidae	webspinning sawfly	spruce, balsam fir	C
<i>Aceria</i> (= <i>Eriophyes</i> in part)					
<i>caulis</i> (Cook)	Acari	Eriophyidae	velvet gall mite	walnut	C
sp. nr. <i>dispar</i> (Nal.)	Acari	Eriophyidae	aspen leaf mite	aspen	B
<i>elongatus</i> (Hodg.)	Acari	Eriophyidae	red pile mite	sugar maple	C
<i>fraxinivorus</i> (Nal.)	Acari	Eriophyidae	ash flowergall mite	ash	C
<i>negundi</i> (Hodg.)	Acari	Eriophyidae	Manitoba maple gall mite	Manitoba maple	C
<i>parapopuli</i> Keif.	Acari	Eriophyidae	poplar budgall mite	poplar	C
<i>populi</i> (Nal.)	Acari	Eriophyidae	poplar gall mite	poplar	C
<i>semen</i> (Walsh)	Acari	Eriophyidae	willow leafgall mite	willow	C
<i>ulmi</i> (Gar.)	Acari	Eriophyidae	elm leafgall mite	elm	C
<i>Acericecis</i> (see also <i>Cecidomyia</i> and <i>Contarinia</i>)					
<i>ocellaris</i> (O.S.)	Diptera	Cecidomyiidae	ocellate gall midge	maple	C
<i>Achatia</i> (= <i>Morrisonia</i> in part)					
<i>distincta</i> Hbn.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>Acholla multispinosa</i> (DeG.)	Hemiptera	Reduviidae	assassin bug	predator	D

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Acrobasis (cont'd)					
<i>comptoniella</i> Hlst.	Lepidoptera	Pyralidae	sweetfern casebearer	sweetfern	F
<i>demotella</i> Grt.	Lepidoptera	Pyralidae	walnut shoot moth	hickory, walnut, butternut	A
<i>juglandis</i> (LeB.)	Lepidoptera	Pyralidae	pecan leaf casebearer	walnut, hickory	C
<i>kearfottella</i> Dyar	Lepidoptera	Pyralidae	tubemaker	hickory, butternut	C
<i>rubrifasciella</i> Pack.	Lepidoptera	Pyralidae	alder tubemaker	alder	C
<i>stigmella</i> Dyar	Lepidoptera	Pyralidae	hickory bud-and-shoot borer	hickory	C
<i>sylviella</i> Ely	Lepidoptera	Pyralidae	ironwood tubemaker	ironwood	C
<i>tricolorella</i> Grt.	Lepidoptera	Pyralidae	tubemaker	deciduous	C
Acrocercops					
<i>albinatella</i> (Cham.)	Lepidoptera	Gracillariidae	leafminer moth	red oak	C
Acronicta					
<i>afflicta</i> Grt.	Lepidoptera	Noctuidae	owlet moth	oak	C
<i>americana</i> (Harr.)	Lepidoptera	Noctuidae	American daggermoth	deciduous	C
<i>clarescens</i> Gn.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>dactylina</i> Grt.	Lepidoptera	Noctuidae	alder daggermoth	deciduous	C
<i>fragilis</i> (Gn.)	Lepidoptera	Noctuidae	fragile daggermoth	deciduous	C
<i>funeralis</i> G. & R.	Lepidoptera	Noctuidae	paddle caterpillar	deciduous	C
<i>furcifera</i> Gn.	Lepidoptera	Noctuidae	forked daggermoth	cherry	C
<i>grisea</i> Wlk.	Lepidoptera	Noctuidae	gray daggermoth	cherry	C
<i>haesitata</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	oak	C
<i>hasta</i> Gn.	Lepidoptera	Noctuidae	cherry daggermoth	cherry	C
<i>impleta</i> Wlk.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>imprensa</i> Wlk.	Lepidoptera	Noctuidae	willow daggermoth	deciduous	C
<i>innotata</i> Gn.	Lepidoptera	Noctuidae	birch daggermoth	deciduous	C
<i>interrupta</i> Gn.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>lanceolaria</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	general feeder	C
<i>leporina</i> (L.)	Lepidoptera	Noctuidae	poplar daggermoth	deciduous	C
<i>lepusculina</i> Gn.	Lepidoptera	Noctuidae	cottonwood daggermoth	deciduous	C
<i>lithospila</i> Grt.	Lepidoptera	Noctuidae	owlet moth	oak	C
<i>morula</i> G. & R.	Lepidoptera	Noctuidae	ochre daggermoth	deciduous	C
<i>oblinita</i> (J.E. Smith)	Lepidoptera	Noctuidae	smearred daggermoth	general feeder	C
<i>ovata</i> Grt.	Lepidoptera	Noctuidae	oak daggermoth	oak	C
<i>quadrata</i> Grt.	Lepidoptera	Noctuidae	plum daggermoth	cherry, plum	C
<i>radcliffei</i> (Harv.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Acleris					
<i>braunana</i> (McD.)	Lepidoptera	Tortricidae	alder leafroller	alder, birch	C
<i>caliginosana</i> (Wlk.)	Lepidoptera	Tortricidae	birch leafroller	birch, alder	C
<i>celiana</i> (Rob.)	Lepidoptera	Tortricidae	leafroller	deciduous	C
<i>chalybeana</i> (Fern.)	Lepidoptera	Tortricidae	lesser maple leafroller	maple	C
<i>cornana</i> (McD.)	Lepidoptera	Tortricidae	dogwood leafroller	dogwood, alder	C
<i>curvalana</i> (Kft.)	Lepidoptera	Tortricidae	blueberry leaftier	blueberry	A
<i>emargana blackmorei</i> Obr.	Lepidoptera	Tortricidae	leafroller	willow, poplar	C
<i>fuscana</i> (B. & Bsk.)	Lepidoptera	Tortricidae	small aspen leaftier	deciduous	C
<i>hudsoniana</i> (Wlk.)	Lepidoptera	Tortricidae	leafroller	general feeder	C
<i>implexana</i> (Wlk.)	Lepidoptera	Tortricidae	leafroller	willow	C
<i>kearfottana</i> (McD.)	Lepidoptera	Tortricidae	leafroller	ground plants	F
<i>logiana placidana</i> (Rob.)	Lepidoptera	Tortricidae	blackheaded birch leafroller	birch	C
<i>maccana</i> (Tr.)	Lepidoptera	Tortricidae	leafroller	deciduous	C
<i>minuta</i> (Rob.)	Lepidoptera	Tortricidae	yellowheaded fireworm	leatherleaf	F
<i>nigrolinea</i> (Rob.)	Lepidoptera	Tortricidae	leafroller	deciduous	C
<i>nivisellana</i> (Wlsm.)	Lepidoptera	Tortricidae	leafroller	mountain-ash	C
<i>oxycoccana</i> (Pack.)	Lepidoptera	Tortricidae	leafroller	blueberry	F
<i>semiannula</i> (Rob.)	Lepidoptera	Tortricidae	solitary birch leafroller	birch	C
<i>semipurpurana</i> (Kft.)	Lepidoptera	Tortricidae	oak leaf shredder	oak	C
<i>subnivana</i> (Wlk.)	Lepidoptera	Tortricidae	leafroller	oak	C
<i>variana</i> (Fern.)	Lepidoptera	Tortricidae	eastern blackheaded budworm	spruce, balsam fir, hemlock	B
Acmaeops (see also <i>Gnathacmaeops</i>)					
<i>proteus</i> (Kby.)	Coleoptera	Cerambycidae	longhorned beetle	coniferous	C
Acordulecera					
<i>dorsalis</i> Say	Hymenoptera	Tenthredinidae	sawfly	oak, nut trees	C
Acraspis					
<i>erinacei</i> (Beut.)	Hymenoptera	Cynipidae	gall wasp	oak	C
Acrobasis					
<i>angusella</i> Grt.	Lepidoptera	Pyralidae	leafstem borer	hickory, walnut	C
<i>betulella</i> Hlst.	Lepidoptera	Pyralidae	birch tubemaker	white birch	C
<i>caryae</i> Grt.	Lepidoptera	Pyralidae	hickory shoot borer	hickory	C
<i>caryivorella</i> Rag.	Lepidoptera	Pyralidae	shoot borer-and-tier	hickory, walnut	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Acronicta</i> (cont'd)					
<i>retardata</i> (Wlk.)	Lepidoptera	Noctuidae	maple daggermoth	maple	C
<i>sperata</i> Grt.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>superans</i> Gn.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>tristis</i> Sm.	Lepidoptera	Noctuidae	sad daggermoth	beech, maple	C
<i>vinnula</i> (Grt.)	Lepidoptera	Noctuidae	elm daggermoth	white elm	C
<i>Actebia</i>					
<i>fennica</i> (Tausch.)	Lepidoptera	Noctuidae	black army cutworm	general feeder	A
<i>Actias</i>					
<i>luna</i> (L.)	Lepidoptera	Saturniidae	luna moth	deciduous	C
<i>Adalia</i>					
<i>bipunctata</i> (L.) [= <i>frigida</i> (Schn.)]	Coleoptera	Coccinellidae	twospotted lady beetle	predator	D
<i>Adelges</i>					
<i>abietis</i> (L.)	Homoptera	Phylloxeridae (= Adelgidae)	eastern spruce gall adelgid	spruce	B
<i>cooleyi</i> (Gill.)	Homoptera	Phylloxeridae	Cooley spruce gall adelgid	spruce, Douglas-fir	C
<i>lariciatus</i> (Patch)	Homoptera	Phylloxeridae	spruce gall adelgid	spruce, larch	B
<i>laricis</i> Vall. [= <i>strobilobius</i> (Kltb.)]	Homoptera	Phylloxeridae	pale spruce gall adelgid	black spruce, larch	C
<i>piceae</i> (Ratz.)	Homoptera	Phylloxeridae	balsam woolly adelgid	balsam fir	E
<i>Adoxophyes</i>					
<i>negundana</i> (McD.)	Lepidoptera	Tortricidae	leafroller	Manitoba maple	C
<i>Adoxus</i> see <i>Bromius</i>					
<i>Aeschna</i> spp.	Odonata	Aeschnidae	dragonflies	predator	D
<i>Aethalura</i>					
<i>intertexta</i> (Wlk.)	Lepidoptera	Geometridae	looper	deciduous	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Aethes rutilana</i> (Hbn.)	Lepidoptera	Cochylidae	pale juniper webworm	juniper	C
<i>Agathis pumila</i> (Ratz.)	Hymenoptera	Braconidae	parasite	larch casebearer	D
<i>Aglais</i> (see also <i>Nymphalis</i>) <i>milberti</i> (Godt.)	Lepidoptera	Nymphalidae	Milbert's tortoiseshell	nettles	F
<i>Agonopterix argillacea</i> (Wlsm.)	Lepidoptera	Oecophoridae	micro moth	deciduous	C
<i>nigrinotella</i> (Bsk.)	Lepidoptera	Oecophoridae	micro moth	hop-tree	C
<i>robiniella</i> (Pack.)	Lepidoptera	Oecophoridae	micro moth	locust	C
<i>Agonum</i> see <i>Platynus</i>					
<i>Agrius anxius</i> Gory	Coleoptera	Buprestidae	bronze birch borer	birch	B
<i>b. bilineatus</i> (Web.)	Coleoptera	Buprestidae	twolined chestnut borer	oak, chestnut	C
<i>criddlei</i> Frost	Coleoptera	Buprestidae	flatheaded borer		B
<i>egenus</i> Gory	Coleoptera	Buprestidae	flatheaded wood borer	locust, hickory	C
<i>liragus</i> B. & B.	Coleoptera	Buprestidae	bronze poplar borer	poplar	B
<i>politus</i> (Say)	Coleoptera	Buprestidae	willow gall limb borer	willow	C
<i>ruficollis</i> (F.)	Coleoptera	Buprestidae	rednecked cane borer	blackberry	C
<i>Agriotes collaris</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>fucosus</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>limosus</i> (LeC.)	Coleoptera	Elateridae	little brown click beetle	soil insect	F
<i>mancus</i> (Say)	Coleoptera	Elateridae	wheat wireworm	agricultural pest	F
<i>stabilis</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>Agriphila</i> (= <i>Crambus</i> in part) <i>ruricolella</i> (Zell.)	Lepidoptera	Pyralidae	webworm	grass	F
<i>vulgivagella</i> (Clem.)	Lepidoptera	Pyralidae	vagabond crambus	grass	F

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Agromyza					
<i>aristata</i> Mall. (= <i>ulmi</i> Frost)	Diptera	Agromyzidae	elm agromyzid leafminer	elm	C
<i>melampyga</i> Loew	Diptera	Agromyzidae	mock orange leafminer	mock orange	C
Agroperina					
<i>dubitans cogitata</i> (Sm.)	Lepidoptera	Noctuidae	cutworm	grass	F
<i>d. dubitans</i> (Wlk.)	Lepidoptera	Noctuidae	cutworm	grass	F
Agrotis					
<i>ippsilon</i> (Hufn.)	Lepidoptera	Noctuidae	black cutworm	general feeder	C
<i>mollis</i> Wlk.	Lepidoptera	Noctuidae	cutworm	unknown	C
Alabama					
<i>argillacea</i> (Hbn.)	Lepidoptera	Noctuidae	cotton leafworm	unknown here	F
Alaus					
<i>oculatus</i> (L.)	Coleoptera	Elateridae	large-eyed click beetle	predator	D
Allantus					
<i>basalis</i> (Klug)	Hymenoptera	Tenthredinidae	rose sawfly	birch, rose	C
Alobates					
<i>pennsylvanicus</i> (DeG.)	Coleoptera	Tenebrionidae	beetle	household pest	G
Alsophila					
<i>pometaria</i> (Harr.)	Lepidoptera	Geometridae	fall cankerworm	deciduous	A
Altica (= Macrohaltica)					
<i>ambiens</i> LeC.	Coleoptera	Chrysomelidae	alder flea beetle	alder	B
<i>carinata</i> Germ.	Coleoptera	Chrysomelidae	elm flea beetle	elm	B
<i>chalybaea</i> Ill.	Coleoptera	Chrysomelidae	grape flea beetle	grape	F
<i>corni</i> Woods	Coleoptera	Chrysomelidae	dogwood flea beetle	dogwood	C
<i>populi</i> Brown	Coleoptera	Chrysomelidae	poplar flea beetle	poplar	C
<i>rosae</i> Woods	Coleoptera	Chrysomelidae	rose flea beetle	rose	C
<i>subplicata</i> LeC.	Coleoptera	Chrysomelidae	willow flea beetle	willow	C
<i>tombacina</i> (Mann.)	Coleoptera	Chrysomelidae	flea beetle	ground plants	F

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Altica</i> (cont'd)					
<i>ulmi</i> Woods	Coleoptera	Chrysomelidae	elm flea beetle	elm	B
<i>Alypia</i>					
<i>langtoni</i> Couper	Lepidoptera	Noctuidae	fireweed caterpillar	fireweed	F
<i>octomaculata</i> (F.)	Lepidoptera	Noctuidae	eightspotted forester	grapevine, Virginia creeper	C
<i>Amara</i>					
<i>interstitialis</i> Dej.	Coleoptera	Carabidae	ground beetle	predator	D
<i>Amathes</i> see <i>Xestia</i>					
<i>Amauronematus</i>					
<i>fallax</i> (Lep.)	Hymenoptera	Tenthredinidae	sawfly	white birch	C
<i>gracilis</i> Marl.	Hymenoptera	Tenthredinidae	sawfly	willow	C
<i>histrion</i> (Lep.)	Hymenoptera	Tenthredinidae	sawfly	willow	C
<i>neglectus</i> (Kby.)	Hymenoptera	Tenthredinidae	sawfly	willow	C
<i>Amblyptilia</i> (= <i>Platyptilia</i> in part)					
<i>pica</i> (Wlsm.)	Lepidoptera	Pterophoridae	plume moth	unknown	C
(= <i>punctidactyla</i> auth.)					
<i>Ametastegia</i>					
<i>recens</i> (Say)	Hymenoptera	Tenthredinidae	willow sawfly	deciduous	C
<i>Ammophila</i>					
<i>arvensis</i> Lep.	Hymenoptera	Sphecidae	wasp	predator	D
<i>Ampedus</i>					
<i>apicatus</i> (Say)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>luctuosus</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>melanotoides</i> Brown	Coleoptera	Elateridae	click beetle	soil insect	F
<i>melsheimeri</i> (Leng)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>mixtus</i> (Hbst.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>pullus</i> Germ.	Coleoptera	Elateridae	click beetle	soil insect	F
<i>semicinctus</i> (Rand.)	Coleoptera	Elateridae	click beetle	soil insect	F

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Amphibolips</i>					
<i>confluenta</i> (Harr.)	Hymenoptera	Cynipidae	spongy oakapple gall wasp	red oak	C
<i>quercusinanis</i> (O.S.)	Hymenoptera	Cynipidae	large oakapple gall wasp	red oak	C
<i>Amphipyra</i>					
<i>pyramidoides</i> Gn.	Lepidoptera	Noctuidae	rearhumped caterpillar	deciduous	C
<i>Anacamptis</i> (= <i>Compsolechia</i>)					
<i>innocuellia</i> (Zell.)	Lepidoptera	Gelechiidae	darkheaded aspen leafroller	poplar	C
<i>niveopulvella</i> (Cham.)	Lepidoptera	Gelechiidae	paleheaded aspen leafroller	poplar	C
<i>Anacamptodes</i> (see also <i>Iridopsis</i>)					
<i>ephyraria</i> (Wlk.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>vellivolata</i> (Hlst.)	Lepidoptera	Geometridae	looper	coniferous	C
<i>Anagasta</i>					
<i>kuehniella</i> (Zell.)	Lepidoptera	Pyralidae	Mediterranean flour moth	household pest	G
<i>Anagoga</i>					
<i>occiduaria</i> (Wlk.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>Anagrapha</i>					
<i>falcifera</i> (Kby.)	Lepidoptera	Noctuidae	celery looper	agricultural pest	G
<i>Anaplectoides</i>					
<i>pressus</i> (Grt.)	Lepidoptera	Noctuidae	daggermoth	unknown	C
<i>Anastrangalia</i> (= <i>Anoplodera</i> in part)					
<i>sanguinea</i> (LeC.)	Coleoptera	Cerambycidae	longhorned beetle	unknown	C
<i>Anathix</i>					
<i>puta</i> (G. & R.)	Lepidoptera	Noctuidae	poplar catkin moth	poplar	C
<i>Anatis</i>					
<i>labiculata</i> (Say)	Coleoptera	Coccinellidae	fifteenspotted lady beetle	predator	D
<i>mali</i> (Say)	Coleoptera	Coccinellidae	eyespotted lady beetle	predator	D

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Anavitrinella pampinaria</i> (Gn.)	Lepidoptera	Geometridae	cranberry spanworm	general feeder	C
<i>Ancistronycha</i> (= <i>Cantharis</i> in part) <i>bilineata</i> (Say)	Coleoptera	Cantharidae	twolined cantharid	predator	D
<i>Ancylis burgessiana</i> (Zell.)	Lepidoptera	Olethreutinae	oak leaffolder	red oak	C
<i>discigerana</i> (Wlk.)	Lepidoptera	Olethreutinae	yellow birch leaffolder	birchC	
<i>fuscociliana</i> (Clem.)	Lepidoptera	Olethreutinae	elm leaffolder	elm, oak	C
<i>mediofasciana</i> (Clem.)	Lepidoptera	Olethreutinae	serviceberry leaffolder	serviceberry, cherry	C
<i>mira</i> Heinr.	Lepidoptera	Olethreutinae	alder leaffolder	alder	C
<i>nubeculana</i> (Clem.)	Lepidoptera	Olethreutinae	cherry leaffolder	deciduous	C
<i>spiraeifoliana</i> (Clem.)	Lepidoptera	Olethreutinae	ninebark leaffolder	ninebark	C
<i>subaequana</i> (Zell.)	Lepidoptera	Olethreutinae	willow leaffolder	willow	C
<i>Andricus quercusflocci</i> (Walsh)	Hymenoptera	Cynipidae	gall wasp	white oak	C
<i>quercuspetiolicola</i> (Bass.)	Hymenoptera	Cynipidae	gall wasp	bur oak	C
<i>quercussingularis</i> (Bass.)	Hymenoptera	Cynipidae	small oakapple gall wasp	oak	C
<i>Androchirus erythropus</i> (Kby.)	Coleoptera	Tenebrionidae	combclawed beetle	unknown	F
<i>Anelaphus</i> (= <i>Elaphidionoides</i>) <i>parallelus</i> (Newm.)	Coleoptera	Cerambycidae	hickory twig pruner	oak, hickory	C
<i>villosus</i> (F.)	Coleoptera	Cerambycidae	twig pruner	red oak	C
<i>Anisocalvia</i> see <i>Calvia</i>					
<i>Anisota</i> (see also <i>Dryocampa</i>) <i>finlaysoni</i> Riotte	Lepidoptera	Saturniidae	shorthorned oakworm	oak	A
<i>senatoria</i> (J.E. Smith)	Lepidoptera	Saturniidae	orangestriped oakworm	oak	A
<i>stigma</i> (F.)	Lepidoptera	Saturniidae	spiny oakworm	oak	C
<i>virginiensis</i> (Drury)	Lepidoptera	Saturniidae	pinkstriped oakworm	oak	B

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Anobium punctatum</i> (DeG.)	Coleoptera	Anobiidae	furniture beetle	dry wood	F
<i>Anomoea laticlavia</i> (Forst.)	Coleoptera	Chrysomelidae	claycolored leaf beetle	deciduous	C
<i>Anomogyna elimata</i> (Gn.)	Lepidoptera	Noctuidae	chameleon caterpillar	coniferous	C
<i>perquiritata</i> (Morr.)	Lepidoptera	Noctuidae	gray spruce cutworm	coniferous	C
<i>Anopheles quadrimaculatus</i> Say	Diptera	Culicidae	common malaria mosquito	biting flies	F
<i>Anoplodera</i> see <i>Anastrangalia</i> , <i>Cosmosalia</i> , <i>Judolia</i> , <i>Lepturopsis</i> , <i>Metacmaeops</i> , <i>Pygoleptura</i> , and <i>Strangalepta</i>					
<i>Anoplonyx canadensis</i> Hgtn.	Hymenoptera	Tenthredinidae	onelined larch sawfly	larch	C
<i>iuteipes</i> (Cress.)	Hymenoptera	Tenthredinidae	threelined larch sawfly	larch	C
<i>Antaeotricha leucillana</i> (Zell.)	Lepidoptera	Oecophoridae	micro moth	deciduous	C
[= <i>algidella</i> (Wlk.)]					
<i>schlaegeri</i> (Zell.)	Lepidoptera	Oecophoridae	micro moth	birch	C
<i>Anthaxia aeneogaster</i> Cast. & Gory	Coleoptera	Buprestidae	flatheaded wood borer	unknown	C
<i>viridicornis</i> (Say)	Coleoptera	Buprestidae	hickory twig borer	elm, hickory	C
[= <i>viridifrons</i> (Gory)]					
<i>Antheraea polyphemus</i> (Cram.)	Lepidoptera	Saturniidae	polyphemus moth	deciduous	C
<i>Anthophyla</i> see <i>Choreutis</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Anthophylax</i>					
<i>attenuatus</i> (Hald.)	Coleoptera	Cerambycidae	mottled longhorned beetle	decaying hardwoods	C
<i>cyaneus</i> (Hald.)	Coleoptera	Cerambycidae	green longhorned beetle	decaying hardwoods	C
[= <i>malachiticus</i> (Hald.)]					
<i>Antispila</i>					
<i>cornifoliella</i> Clem.	Lepidoptera	Heliozelidae	dogwood leafminer	dogwood	C
<i>nysaefoliella</i> Clem.	Lepidoptera	Heliozelidae	tupelo leafminer	blackgum	C
<i>Apamea</i>					
<i>amputatrix</i> (Fitch)	Lepidoptera	Noctuidae	yellowheaded cutworm	not known	F
<i>Apantesis</i>					
<i>parthenice</i> (Kby.)	Lepidoptera	Arctiidae	tiger moth	general feeder	C
<i>virguncula</i> (Kby.)	Lepidoptera	Arctiidae	little virgin tiger moth	general feeder	C
<i>Apateticus</i>					
<i>bracteatus</i> (Fitch)	Hemiptera	Pentatomidae	stink bug	predator	D
<i>cynicus</i> (Say)	Hemiptera	Pentatomidae	stink bug	predator	D
<i>Aphania</i> (see <i>Apotomis</i>)					
<i>Aphelia</i> (see also <i>Xenotemna</i>)					
<i>alleniana</i> (Fern.)	Lepidoptera	Tortricidae	pine-and-clover tier	pine, clover	C
<i>Aphis</i>					
<i>maculatae</i> Oestl.	Homoptera	Aphididae	spotted poplar aphid	poplar	C
<i>pomi</i> DeG.	Homoptera	Aphididae	apple aphid	apple	F
<i>Aphodius</i>					
<i>erraticus</i> (L.)	Coleoptera	Scarabaeidae	scarab beetle	unknown	C
<i>fimetarius</i> (L.)	Coleoptera	Scarabaeidae	scarab beetle	unknown	C
<i>fossor</i> (L.)	Coleoptera	Scarabaeidae	scarab beetle	unknown	C
<i>Aphrophora</i>					
<i>cribrata</i> (Wlk.)	Homoptera	Cercopidae	pine spittlebug	nymphs and adults on conifers	B
<i>parallella</i> (Say)	Homoptera	Cercopidae	spruce spittlebug	adults on conifers	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Aphrophora</i> (cont'd)					
<i>saratogensis</i> (Fitch)	Homoptera	Cercopidae	Saratoga spittlebug	adults on pine	B
<i>Apion</i>					
<i>longirostre</i> Oliv.	Coleoptera	Apionidae	hollyhock weevil	hollyhock	F
<i>nigrum</i> Hbst.	Coleoptera	Apionidae	black locust seed weevil	black locust	C
<i>simile</i> Kby.	Coleoptera	Apionidae	birch catkin weevil	birch	C
<i>Apoda</i> (= <i>Limacodes</i>)					
<i>y-inversum</i> (Pack.)	Lepidoptera	Limacodidae	slug caterpillar	beech	C
<i>Apotomis</i> (= <i>Aphania</i> in part)					
<i>albeolana</i> (Zell.)	Lepidoptera	Olethreutinae	leafroller	birch	C
<i>capreana</i> (Hbn.)	Lepidoptera	Olethreutinae	leafroller	deciduous	C
<i>deceptana</i> (Kft.)	Lepidoptera	Olethreutinae	leafroller	aspen	C
<i>dextrana</i> (McD.)	Lepidoptera	Olethreutinae	green aspen leafroller	aspen	C
<i>funerea</i> (Meyr.)	Lepidoptera	Olethreutinae	leafroller	deciduous	C
<i>tertiana</i> (McD.)	Lepidoptera	Olethreutinae	leafroller	deciduous	C
<i>Arachnidomyia</i> (= <i>Sarcophaga</i>)					
<i>aldrichi</i> (Park.)	Diptera	Sarcophagidae	parasite	parasite	D
<i>Archiearis</i> (= <i>Brephos</i>)					
<i>infans</i> (Mösch.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>Archips</i>					
<i>alberta</i> (McD.)	Lepidoptera	Tortricidae	spruce cone moth	spruce	C
<i>argyrospila</i> (Wlk.)	Lepidoptera	Tortricidae	fruittree leafroller	deciduous	C
<i>cerasivorana</i> (Fitch)	Lepidoptera	Tortricidae	uglynest caterpillar	cherry	B
<i>dissitana</i> (Grt.)	Lepidoptera	Tortricidae	spruce needle moth	coniferous	C
<i>fervidana</i> (Clem.)	Lepidoptera	Tortricidae	oak webworm	oak	C
<i>infumatana</i> (Zell.)	Lepidoptera	Tortricidae	hickory webworm	walnut, hickory	C
<i>mortuana</i> Kft.	Lepidoptera	Tortricidae	duskyback leafroller	deciduous	C
<i>myricana</i> (McD.)	Lepidoptera	Tortricidae	leafroller	deciduous	C
<i>negundana</i> (Dyar)	Lepidoptera	Tortricidae	larger boxelder leafroller	Manitoba maple	B
<i>packardiana</i> (Fern.)	Lepidoptera	Tortricidae	spring spruce needle moth	spruce, fir	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Archips (cont'd)					
<i>purpurana</i> (Clem.)	Lepidoptera	Tortricidae	omnivorous leafroller	deciduous	C
<i>rosana</i> (L.)	Lepidoptera	Tortricidae	European leafroller	deciduous	C
<i>semiferana</i> (Wlk.)	Lepidoptera	Tortricidae	oak leafroller	oak	C
<i>striana</i> (Fern.)	Lepidoptera	Tortricidae	lined spruce needleworm	spruce, fir	C
Arctia					
<i>caja americana</i> Harr.	Lepidoptera	Arctiidae	great tiger moth	spruce, fir	C
Arge					
<i>clavicornis</i> (F.)	Hymenoptera	Argidae	willow argid	deciduous	C
<i>pectoralis</i> (Leach)	Hymenoptera	Argidae	birch sawfly	birch, alder, hazelnut, hawthorn	B
<i>scapularis</i> (Klug)	Hymenoptera	Argidae	oak sawfly	oak, elm, birch, alder	B
Argyresthia					
<i>abies</i> Free.	Lepidoptera	Argyresthiidae	balsam fir tipminer	balsam fir	C
<i>affinis</i> Braun	Lepidoptera	Argyresthiidae	juniper leafminer	red juniper	C
<i>aureoargentella</i> Brower	Lepidoptera	Argyresthiidae	cedar leafminer	cedar	B
<i>canadensis</i> Free.	Lepidoptera	Argyresthiidae	cedar leafminer	cedar	B
<i>freyella</i> Wlsm.	Lepidoptera	Argyresthiidae	red juniper leafminer	red juniper	B
<i>goedartella</i> (L.)	Lepidoptera	Argyresthiidae	birch ermine moth	birch	C
<i>laricella</i> Kft.	Lepidoptera	Argyresthiidae	larch shoot moth	larch	B
<i>mariana</i> Free.	Lepidoptera	Argyresthiidae	black spruce tipminer	black spruce	C
<i>oreasella</i> Clem.	Lepidoptera	Argyresthiidae	cherry shoot borer	cherry	C
<i>picea</i> Free.	Lepidoptera	Argyresthiidae	white spruce tipminer	white spruce	C
<i>pygmaeella</i> (Hbn.)	Lepidoptera	Argyresthiidae	willow leaf-tier	willow	C
<i>thuiella</i> (Pack.)	Lepidoptera	Argyresthiidae	arborvitae leafminer	cedar	A
Argyrotaenia					
<i>juglandana</i> (Fern.)	Lepidoptera	Tortricidae	hickory leafroller	hickory	C
<i>mariana</i> (Fern.)	Lepidoptera	Tortricidae	graybanded leafroller	deciduous	C
<i>occultana</i> Free.	Lepidoptera	Tortricidae	fall spruce needle moth	coniferous	C
<i>pinatubana</i> (Kft.)	Lepidoptera	Tortricidae	pine tube moth	white pine	C
<i>quadrifasciana</i> (Fern.)	Lepidoptera	Tortricidae	foullined leafroller	cherry, serviceberry	C
<i>quercifoliana</i> (Fitch)	Lepidoptera	Tortricidae	tortricid oakworm	oak	C
<i>tabulana</i> Free.	Lepidoptera	Tortricidae	jack pine tube moth	jack pine	C
<i>velutinana</i> (Wlk.)	Lepidoptera	Tortricidae	redbanded leafroller	general feeder	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Arhopalus foveicollis</i> (Hald.)	Coleoptera	Cerambycidae	pitted longhorned beetle	unknown	C
<i>Aristotelia fungivorella</i> (Clem.)	Lepidoptera	Gelechiidae	micro moth	willow	C
<i>Arthromacra aenea</i> (Say)	Coleoptera	Lagriidae	metallic beetle	scavenger	F
<i>Artogeia</i> (= <i>Pieris</i>) <i>rapae</i> (L.)	Lepidoptera	Pieridae	imported cabbageworm	cabbage	G
<i>Asemum striatum</i> (L.)	Coleoptera	Cerambycidae	opaque sawyer	pine	C
<i>Asiphum</i> see <i>Pachypappa</i>					
<i>Asterocampa celtis</i> (Bdv. & LeC.)	Lepidoptera	Nymphalidae	hackberry butterfly	hackberry	C
<i>Asterodiaspis</i> (= <i>Asterolecanium</i>) <i>variolosa</i> (Ratz.)	Homoptera	Asterolecaniidae	golden oak scale	oak, chestnut	C
<i>Asterolecanium</i> see <i>Asterodiaspis</i>					
<i>Atomacera debilis</i> Say	Hymenoptera	Argidae	trefoil sawfly	trefoil	F
<i>Atrusca quercuscentricola</i> (O.S.) [= <i>Cynips centricola</i> O.S.]	Hymenoptera	Cynipidae	spotted oakapple wasp	oak	C
<i>Attelabus bipustulatus</i> F.	Coleoptera	Attelabidae	leafrolling weevil	deciduous	C
<i>Atteva punctella</i> (Cram.)	Lepidoptera	Yponomeutidae	ailanthus webworm	tree of heaven	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Autographa</i>					
<i>ampla</i> (Wlk.)	Lepidoptera	Noctuidae	daggermoth	deciduous	C
<i>mappa</i> (G. & R.)	Lepidoptera	Noctuidae	daggermoth	shrubs, plants	C
<i>Automeris</i>					
<i>io</i> (F.)	Lepidoptera	Saturniidae	io moth	deciduous	C
<i>Baileya</i>					
<i>dormitans</i> (Gn.)	Lepidoptera	Nycteolidae	macro moth	deciduous	C
<i>doubledayi</i> (Gn.)	Lepidoptera	Nycteolidae	macro moth	alder	C
<i>ophthalmica</i> (Gn.)	Lepidoptera	Nycteolidae	macro moth	deciduous	C
<i>Baliosus</i>					
<i>nervosus</i> (Panz.)	Coleoptera	Chrysomelidae	basswood leafminer	basswood	B
<i>Balsa</i>					
<i>malana</i> (Fitch)	Lepidoptera	Noctuidae	owlet moth	apple	C
<i>Banasa</i>					
<i>dimidiata</i> (Say)	Hemiptera	Pentatomidae	banasa stink bug	predator	D
<i>Barbara</i>					
<i>mappana</i> Free.	Lepidoptera	Olethreutinae	cone moth	balsam fir, white spruce	C
<i>Basilarchia</i> (= <i>Limenitis</i>)					
<i>archippus</i> (Cram.)	Lepidoptera	Nymphalidae	viceroy	deciduous	C
<i>a. arthemis</i> (Drury)	Lepidoptera	Nymphalidae	white admiral	deciduous	C
<i>artemis astyanax</i> (F.)	Lepidoptera	Nymphalidae	redspotted purple	deciduous	C
<i>Bassareus</i>					
<i>sellatus</i> Suffr.	Coleoptera	Chrysomelidae	leaf beetle	deciduous	C
<i>Batrachedra</i>					
<i>praeangusta</i> (Haw.)	Lepidoptera	Coleophoridae	poplar shoot moth	poplar	C
<i>Battaristis</i>					
<i>vittella</i> (Bsk.)	Lepidoptera	Gelechiidae	micro moth	pine	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Battus philenor</i> (L.)	Lepidoptera	Papilionidae	pipevine swallowtail	pipevine	C
<i>Besma endropiaria</i> (G. & R.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>quercivoraria</i> (Gn.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>Bessa harveyi</i> (Townsend)	Diptera	Tachinidae	parasitic fly	parasite	D
<i>Bibarrambla allenella</i> (Wlsm.)	Lepidoptera	Oecophoridae	birch-and-alder leaf-tier	birch, alder	C
<i>Bibio xanthopus</i> Wied.	Diptera	Bibionidae	March fly	vegetable matter	F
<i>Biston betularia cognataria</i> (Gn.)	Lepidoptera	Geometridae	pepper-and-salt moth	deciduous	C
<i>Blattella germanica</i> (L.)	Orthoptera	Blattidae	German cockroach	household pest	G
<i>Blepharida rhois</i> (Forst.)	Coleoptera	Chrysomelidae	sumac leaf beetle	sumac	C
<i>Boisea</i> (= <i>Leptocoris</i>) <i>trivittata</i> (Say)	Hemiptera	Rhopalidae	boxelder bug	Manitoba maple	C
<i>Bomolocha abalienalis</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>baltimoralis</i> (Gn.)	Lepidoptera	Noctuidae	owlet moth	maple	C
<i>bijugalis</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	dogwood	C
<i>deceptalis</i> (Wlk.)	Lepidoptera	Noctuidae	basswood owlet moth	basswood	C
<i>palparia</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>Bondia comonana</i> (Kft.)	Lepidoptera	Carposinidae	micro moth	cherry	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Brachiacantha</i>					
<i>decempustulata</i> (Melsh.)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>ursina</i> (F.)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>Brachyrhinus</i> see <i>Otiorhynchus</i>					
<i>Brachys</i>					
<i>aerosus</i> Melsh. (= <i>rufescens</i> N. & W.)	Coleoptera	Buprestidae	leafmining beetle	oak, aspen	C
<i>ovatus</i> (Web.)	Coleoptera	Buprestidae	leafmining beetle	oak, aspen	C
<i>Brephos</i> see <i>Archiearis</i>					
<i>Brochymena</i>					
<i>quadripustulata</i> (F.)	Hemiptera	Pentatomidae	fourhumped stink bug	elm, oak, willow	D
<i>Bromius</i> (= <i>Adoxus</i>)					
<i>obscurus</i> (L.)	Coleoptera	Chrysomelidae	leaf beetle	deciduous	C
<i>Brumoides</i> (= <i>Exochomus</i>)					
<i>s. septentrionis</i> (Weise)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>Bucculatrix</i>					
<i>ainsliella</i> Murt.	Lepidoptera	Lyonetiidae	oak skeletonizer	oak	C
<i>canadensisella</i> Cham.	Lepidoptera	Lyonetiidae	birch skeletonizer	birch	A
<i>Buprestis</i>					
<i>fasciata</i> F.	Coleoptera	Buprestidae	flatheaded wood borer	general	C
<i>maculativentris</i> Say	Coleoptera	Buprestidae	ventrally spotted buprestid	balsam fir, spruce	C
<i>nutalli</i> Kby.	Coleoptera	Buprestidae	flatheaded wood borer	coniferous	C
<i>striata</i> F.	Coleoptera	Buprestidae	flatheaded wood borer	coniferous	C
<i>Cabera</i>					
<i>erythemia</i> Gn.	Lepidoptera	Geometridae	looper	willow	C
<i>variolaria</i> Gn.	Lepidoptera	Geometridae	looper	deciduous	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Cacopsylla</i> (= <i>Psylla</i> in part)					
<i>negundinis</i> (Mally)	Homoptera	Psyllidae	boxelder psyllid	Manitoba maple	C
<i>striata</i> (Patch)	Homoptera	Psyllidae	birch psyllid	birch	C
<i>Caenurgina</i>					
<i>crassiuscula</i> (Haw.)	Lepidoptera	Noctuidae	clover looper	clover	F
<i>Caliroa</i>					
<i>cerasi</i> (L.)	Hymenoptera	Tenthredinidae	pearslug sawfly, pearsawfly, pearslug	mountain-ash, fruit trees	C
<i>fasciata</i> (Nort.)	Hymenoptera	Tenthredinidae	oakslug sawfly, oak sawfly	oak	C
<i>obsoleta</i> (Nort.)	Hymenoptera	Tenthredinidae	oakslug sawfly, oak sawfly	oak	C
<i>Callidium</i>					
<i>frigidum</i> Casey	Coleoptera	Cerambycidae	longhorned beetle	dead cedar and juniper	C
<i>violaceum</i> (L.)	Coleoptera	Cerambycidae	longhorned beetle	dead pine	C
<i>Calligrapha</i>					
<i>alni</i> Schaeff.	Coleoptera	Chrysomelidae	russet alder leaf beetle	alder	C
<i>amator</i> Brown	Coleoptera	Chrysomelidae	basswood leaf beetle	basswood	C
<i>apicalis</i> Notm.	Coleoptera	Chrysomelidae	alder leaf beetle	alder	C
<i>confluens</i> Schaeff.	Coleoptera	Chrysomelidae	alder leaf beetle	alder	C
<i>ignota</i> Brown	Coleoptera	Chrysomelidae	birch leaf beetle	birch	C
<i>multipunctata bigsbyana</i> (Kby.)	Coleoptera	Chrysomelidae	willow leaf beetle	willow, poplar	C
<i>philadelphica</i> (L.)	Coleoptera	Chrysomelidae	dogwood leaf beetle	deciduous	C
<i>rhoda</i> Knab	Coleoptera	Chrysomelidae	hazel leaf beetle	hazel	C
<i>scalaris</i> (LeC.)	Coleoptera	Chrysomelidae	elm calligrapha	elm	C
<i>tiliae</i> Brown	Coleoptera	Chrysomelidae	basswood leaf beetle	basswood	C
<i>Callirhytis</i>					
<i>cornigera</i> (O.S.)	Hymenoptera	Cynipidae	horned oak gall wasp	oak	C
<i>quercusfutilis</i> (O.S.)	Hymenoptera	Cynipidae	oak gall wasp	oak	C
<i>quercusgemmaria</i> (Ashm.)	Hymenoptera	Cynipidae	ribbed budgall wasp	oak	C
<i>quercusmodesta</i> (O.S.)	Hymenoptera	Cynipidae	oak gall wasp	oak	C
<i>quercusoperator</i> (O.S.)	Hymenoptera	Cynipidae	woolly blossomgall wasp	oak	C
<i>quercuspunctata</i> (Bass.)	Hymenoptera	Cynipidae	gouty oak gall wasp	oak	C
<i>seminator</i> (Harr.)	Hymenoptera	Cynipidae	wool sower wasp	oak	C
<i>tumifica</i> (O.S.)	Hymenoptera	Cynipidae	oak leafgall wasp	oak	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Callophrys</i> see <i>Incisalia</i>					
<i>Callopietria cordata</i> (Ljungh)	Lepidoptera	Noctuidae	owlet moth	fern	F
<i>Callosamia promethea</i> (Drury)	Lepidoptera	Saturniidae	promethea moth	deciduous	C
<i>Calopteryx maculata</i> (Beauv.)	Odonata	Coenagrionidae	brown damselfly	predator	D
<i>Caloptilia</i> (see also <i>Gracillaria</i>)					
<i>alnivorella</i> (Cham.)	Lepidoptera	Gracillariidae	alder leafminer	alder	C
<i>betulivora</i> McD.	Lepidoptera	Gracillariidae	birch leafroller	birch	C
<i>burgessiella</i> (Zell.)	Lepidoptera	Gracillariidae	dogwood leafroller	dogwood	C
<i>coroniella</i> (Clem.)	Lepidoptera	Gracillariidae	birch leafroller	birch	C
<i>fraxinella</i> (Ely)	Lepidoptera	Gracillariidae	privet leafminer	ash	C
<i>invariabilis</i> (Braun)	Lepidoptera	Gracillariidae	cherry leafcone caterpillar	cherry	C
<i>negundella</i> (Cham.)	Lepidoptera	Gracillariidae	boxelder leafroller	Manitoba maple	C
<i>rhoifoliella</i> (Cham.)	Lepidoptera	Gracillariidae	sumac leaf tip roller	sumac	C
<i>sassafrasella</i> (Cham.)	Lepidoptera	Gracillariidae	sassafras leafroller	sassafras	C
<i>stigmatella</i> (F.)	Lepidoptera	Gracillariidae	poplar-willow leafroller	poplar, willow	C
<i>strictella</i> (Wlk.)	Lepidoptera	Gracillariidae	birch leafroller	birch	C
<i>umbratella</i> (Braun)	Lepidoptera	Gracillariidae	maple leafroller	maple	C
<i>Calosoma calidum</i> (F.)	Coleoptera	Carabidae	fiery hunter	predator	D
<i>frigidum</i> Kby.	Coleoptera	Carabidae	ground beetle	predator	D
<i>scrutator</i> (F.)	Coleoptera	Carabidae	ground beetle	predator	D
<i>Calvia</i> (= <i>Anisocalvia</i>) <i>quatuordecimguttata</i> L. [= <i>duodecimmaculata</i> (Gebl.) in part]	Coleoptera	Coccinellidae	fourteenspotted lady beetle	predator	D
<i>Cameraria</i> (= <i>Lithocolletis</i>) <i>aceriella</i> (Clem.)	Lepidoptera	Gracillariidae	maple leafblotch miner	maple	C
<i>betulivora</i> (Wlsm.)	Lepidoptera	Gracillariidae	birch leafblotch miner	birch	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Cameraria</i> (cont'd)					
<i>caryaefoliella</i> (Clem.)	Lepidoptera	Gracillariidae	hickory leafblotch miner	hickory	C
<i>cincinnatiella</i> (Cham.)	Lepidoptera	Gracillariidae	gregarious oak leafminer	oak	C
<i>fletcherella</i> (Braun)	Lepidoptera	Gracillariidae	oak leafblotch miner	oak	C
<i>hamadryadella</i> (Clem.)	Lepidoptera	Gracillariidae	solitary oak leafminer	oak	B
<i>hamameliella</i> (Bsk.)	Lepidoptera	Gracillariidae	witch-hazel leafblotch miner	witch-hazel	C
<i>macrocarpella</i> (F. & B.)	Lepidoptera	Gracillariidae	oak leafblotch miner	oak	C
<i>ostryarella</i> (Cham.)	Lepidoptera	Gracillariidae	ironwood leafblotch miner	ironwood	C
<i>quercivorella</i> (Cham.)	Lepidoptera	Gracillariidae	oak leafblotch miner	oak	C
<i>ulmella</i> (Cham.)	Lepidoptera	Gracillariidae	elm leafblotch miner	elm	C
<i>Camnula</i>					
<i>pellucida</i> (Scudd.)	Orthoptera	Acrididae	clearwinged grasshopper	ground plants	F
<i>Campaea</i>					
<i>perlata</i> (Gn.)	Lepidoptera	Geometridae	fringed looper	general feeder	C
<i>Camponotus</i>					
<i>herculeanus</i> (L.)	Hymenoptera	Formicidae	boreal carpenter ant	dry wood	C
<i>novaeboracensis</i> (Fitch)	Hymenoptera	Formicidae	red and black carpenter ant	dry wood	C
<i>pennsylvanicus</i> (DeG.)	Hymenoptera	Formicidae	black carpenter ant	dry wood	C
<i>Canarsia</i>					
<i>ulmiarrosorella</i> (Clem.)	Lepidoptera	Pyralidae	elm leaftier	elm	C
<i>Cantharis</i> see <i>Ancistronycha</i> and <i>Rhaxonycha</i>					
<i>Caripeta</i>					
<i>angustiorata</i> Wlk.	Lepidoptera	Geometridae	brown pine looper	coniferous	C
<i>divisata</i> Wlk.	Lepidoptera	Geometridae	gray spruce looper	coniferous	C
<i>piniata</i> (Pack.)	Lepidoptera	Geometridae	northern pine looper	pine, spruce	C
<i>Carposina</i>					
<i>fernaldana</i> Bsk.	Lepidoptera	Carposinidae	micro moth	deciduous fruits	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Carulaspis juniperi</i> (Bouché)	Homoptera	Coccidae	juniper scale	juniper, cedar	C
<i>Carynota stupida</i> (Wlk.)	Homoptera	Membracidae	stupid treehopper	birch	C
<i>Cassida rubiginosa</i> O.F. Müll.	Coleoptera	Chrysomelidae	green tortoise beetle	thistles	F
<i>Catabena lineolata</i> Wlk.	Lepidoptera	Noctuidae	owlet moth	ground plants	F
<i>Catocala antinympha</i> (Hbn.)	Lepidoptera	Noctuidae	sweetfern underwing	sweet fern	C
<i>blandula</i> Hbst.	Lepidoptera	Noctuidae	grayblue underwing	hawthorn	C
<i>briseis</i> Edw.	Lepidoptera	Noctuidae	Briseis underwing	poplar, willow	C
<i>cara</i> Gn.	Lepidoptera	Noctuidae	darling underwing	willow	C
<i>cerogama</i> Gn.	Lepidoptera	Noctuidae	yellowbanded underwing	basswood, poplar	C
<i>concombens</i> Wlk.	Lepidoptera	Noctuidae	pink underwing	willow, trembling aspen	C
<i>habilis</i> Grt.	Lepidoptera	Noctuidae	hickory underwing	butternut, ash	C
<i>ilia</i> (Cram.)	Lepidoptera	Noctuidae	ilia underwing	red oak	C
<i>piatrix</i> Grt.	Lepidoptera	Noctuidae	underwing moth	walnut, ash	C
<i>relicta</i> Wlk.	Lepidoptera	Noctuidae	white underwing	poplar, willow	C
<i>relecta</i> Grt.	Lepidoptera	Noctuidae	yellowgray underwing	hickory	C
<i>sordida</i> Grt.	Lepidoptera	Noctuidae	blueberry underwing	blueberry	C
<i>ultronia</i> (Hbn.)	Lepidoptera	Noctuidae	plum tree underwing	cherry, plum	C
<i>unijuga</i> Wlk.	Lepidoptera	Noctuidae	oncemarried underwing	poplar, willow	C
<i>Catoptria</i> (= <i>Crambus</i> in part) <i>latiradiella</i> (Wlk.)	Lepidoptera	Pyralidae	webworm	grass	F
<i>Caulocampus acericaulis</i> (MacG.)	Hymenoptera	Tenthredinidae	maple petiole borer	maple	C
<i>Cecidomyia</i> (see also <i>Acericecis</i> <i>Contarinia</i> , and <i>Resseliella</i>)					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Cecidomyia</i> (cont'd)					
<i>piniinopis</i> O.S. (= <i>banksianae</i> Vock.)	Diptera	Cecidomyiidae	jack pine midge	jack pine	C
<i>resinicola</i> (O.S.) (= <i>reeksi</i> Vock.)	Diptera	Cecidomyiidae	jack pine resin midge	jack pine	C
<i>resinicoloides</i> F.X.Wlms. (= <i>accola</i> Vock.)	Diptera	Cecidomyiidae	Monterey pine resin midge	jack pine	C
<i>verrucicola</i> O.S.	Diptera	Cecidomyiidae	linden wartgall midge	basswood	C
<i>Cecidophyopsis</i>					
<i>betulae</i> (Nal.) [= <i>vermiformis</i> (Nal.)]	Acari	Eriophyidae	birch "witches'-broom" mite	birch	C
<i>Celastrina</i>					
<i>ladon</i> (Cram.)	Lepidoptera	Lycaenidae	spring azure	deciduous	C
<i>Celerio</i> see <i>Hyles</i>					
<i>Celticecis</i> (= <i>Mayetiola</i> in part)					
<i>celtiphyllia</i> (Felt)	Diptera	Cecidomyiidae	hackberry midge	hackberry	C
<i>Cenopis</i> see <i>Sparganothis</i>					
<i>Cepgillettea</i>					
<i>betulifoliae</i> Granovsky	Homoptera	Aphididae	birch aphid	white birch	C
<i>Cephalcia</i>					
<i>fascipennis</i> (Cress.)	Hymenoptera	Pamphiliidae	spruce webspinning sawfly	spruce	C
<i>frontalis</i> (Westw.)	Hymenoptera	Pamphiliidae	pine webspinning sawfly	red pine	C
<i>fulviceps</i> (Roh.)	Hymenoptera	Pamphiliidae	pine webspinning sawfly	red pine, jack pine	C
<i>marginata</i> Middlek.	Hymenoptera	Pamphiliidae	red pine webspinning sawfly	red pine	C
<i>Cephaloon</i>					
<i>lepturoides</i> Newm.	Coleoptera	Cephaloidea	false leptura beetle	decayed coniferous wood	C
<i>Ceratonia</i>					
<i>amyntor</i> (Gey.)	Lepidoptera	Sphingidae	elm sphinx	deciduous	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Ceratomia</i> (cont'd)					
<i>catalpae</i> (Bdv.)	Lepidoptera	Sphingidae	catalpa sphinx	catalpa	C
<i>undulosa</i> (Wlk.)	Lepidoptera	Sphingidae	waved sphinx	ash	C
<i>Cerura</i> (see also <i>Furcula</i>)					
<i>scitisscripta canadensis</i> McD.	Lepidoptera	Notodontidae	forktailed caterpillar	poplar, willow	C
<i>scitisscripta multisscripta</i> Riley	Lepidoptera	Notodontidae	forktailed caterpillar	poplar, willow	C
<i>Ceruraphis</i>					
<i>viburnicola</i> (Gill.)	Homoptera	Aphididae	snowball aphid	viburnum	C
<i>Chaitophorus</i>					
<i>populicola</i> Thos.	Homoptera	Aphididae	smokeywinged poplar aphid	poplar	C
<i>viminalis</i> Monell	Homoptera	Aphididae	willow aphid	willow	C
<i>Chalcoides</i> see <i>Crepidodera</i>					
<i>Chalcophora</i>					
<i>fortis</i> LeC.	Coleoptera	Buprestidae	flatheaded pine borer	dead pine	C
<i>liberta</i> (Germ.)	Coleoptera	Buprestidae	flatheaded pine borer	dead pine	C
<i>virginiensis</i> (Drury)	Coleoptera	Buprestidae	Virginian buprestid	dead pine	C
<i>Chalepus</i> see <i>Odontota</i>					
<i>Charadra</i>					
<i>deridens</i> (Gn.)	Lepidoptera	Noctuidae	masked hairy caterpillar	deciduous	C
<i>Charidryas</i> (= <i>Melitaea</i>)					
<i>nycteis</i> (Dbly.)	Lepidoptera	Nymphalidae	silvery checkerspot	poplar	C
<i>Chelymorpha</i>					
<i>cassidea</i> (F.)	Coleoptera	Chrysomelidae	argus tortoise beetle	milkweed, wild potato	F
<i>Chilocorus</i>					
<i>stigma</i> (Say)	Coleoptera	Coccinellidae	twicestabbed lady beetle	predator	D

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Chionaspis</i>					
<i>americana</i> Johns.	Homoptera	Diaspididae (= Coccidae)	elm scurfy scale	elm	C
<i>corni</i> Cooley	Homoptera	Diaspididae	dogwood scale	dogwood	C
<i>furfura</i> (Fitch)	Homoptera	Diaspididae	scurfy scale	deciduous	C
<i>lintneri</i> Comst.	Homoptera	Diaspididae	Lintner's scale	deciduous	C
<i>pinifoliae</i> (Fitch)	Homoptera	Diaspididae	pine needle scale	pine, spruce	C
<i>Chionodes</i>					
<i>continuella</i> (Zell.)	Lepidoptera	Gelechiidae	micro moth	white spruce	C
<i>formosella</i> (Murt.)	Lepidoptera	Gelechiidae	spring oak leafroller	oak	C
[= <i>vernella</i> (Murt.)]					
<i>fuscomaculella</i> (Cham.)	Lepidoptera	Gelechiidae	micro moth	oak	C
<i>obscurusella</i> (Cham.)	Lepidoptera	Gelechiidae	boxelder leafworm	maple, oak	C
<i>terminimaculella</i> (Kft.)	Lepidoptera	Gelechiidae	micro moth	poplar	C
<i>thoraceochrella</i> (Cham.)	Lepidoptera	Gelechiidae	micro moth	oak	C
<i>Chlorochlamys</i>					
<i>chloroleucaria</i> (Gn.)	Lepidoptera	Geometridae	blackberry looper	blackberry	C
<i>Chlorochroa</i>					
<i>uhleri</i> Stål	Hemiptera	Pentatomidae	stink bug	unknown	C
<i>Choreutis</i>					
<i>diana</i> (Hbn.)	Lepidoptera	Choreutidae	micro moth	deciduous	C
<i>pariana</i> (Cl.)	Lepidoptera	Choreutidae	apple-and-thorn skeletonizer	apple	C
<i>Choristoneura</i>					
<i>conflictana</i> (Wlk.)	Lepidoptera	Tortricidae	large aspen tortrix	poplar	B
<i>fractivittana</i> (Clem.)	Lepidoptera	Tortricidae	brokenbanded leafroller	deciduous	C
<i>fumiferana</i> (Clem.)	Lepidoptera	Tortricidae	eastern spruce budworm	balsam fir, spruce	A
<i>obsoletana</i> (Wlk.)	Lepidoptera	Tortricidae	leafroller	white birch	C
<i>p. pinus</i> Free.	Lepidoptera	Tortricidae	jack pine budworm	jack pine	A
<i>rosaceana</i> (Harr.)	Lepidoptera	Tortricidae	obliquebanded leafroller	deciduous	C
<i>zapulata</i> (Rob.)	Lepidoptera	Tortricidae	leafroller	deciduous	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Chramesus hicoloriae</i> LeC.	Coleoptera	Scolytidae	hickory bark beetle	hickory	C
<i>Chrysaster ostensackenella</i> (Fitch)	Lepidoptera	Gracillariidae	ironwood leafblotch miner	ironwood	C
<i>Chrysobothris cribraria</i> Mann. (= <i>floricola</i> Gory)	Coleoptera	Buprestidae	flatheaded wood borer	pine	C
<i>dentipes</i> (Germ.)	Coleoptera	Buprestidae	flatheaded wood borer	pine, larch	C
<i>femorata</i> (Oliv.)	Coleoptera	Buprestidae	flatheaded appletree borer	deciduous	C
<i>harrisi</i> (Hentz)	Coleoptera	Buprestidae	flatheaded wood borer	deciduous	C
<i>scabripennis</i> Gory & Cast.	Coleoptera	Buprestidae	flatheaded wood borer	pine, hemlock	C
<i>trinervia</i> (Kby.)	Coleoptera	Buprestidae	flatheaded wood borer	pine	C
<i>Chrysochus auratus</i> (F.)	Coleoptera	Chrysomelidae	dogbane beetle	dogbane	F
<i>Chrysomela crotchi</i> Brown	Coleoptera	Chrysomelidae	aspen leaf beetle	aspen	B
<i>falsa</i> Brown	Coleoptera	Chrysomelidae	willow-and-poplar leaf beetle	poplar, willow	C
<i>interrupta</i> F.	Coleoptera	Chrysomelidae	alder leaf beetle	alder, poplar	C
<i>k. knabi</i> Brown	Coleoptera	Chrysomelidae	spotted willow leaf beetle	willow, poplar	C
<i>laurentia</i> Brown	Coleoptera	Chrysomelidae	willow-and-poplar leaf beetle	poplar, willow	C
<i>lineatopunctata</i> (Forst.)	Coleoptera	Chrysomelidae	willow-and-poplar leaf beetle	poplar, willow	C
<i>m. mainensis</i> Bech.	Coleoptera	Chrysomelidae	alder leaf beetle	alder	C
<i>scripta</i> F.	Coleoptera	Chrysomelidae	cottonwood leaf beetle	poplar, willow	C
<i>walshi</i> Brown	Coleoptera	Chrysomelidae	balsam poplar leaf beetle	poplar	C
<i>Chrysopelia</i> see <i>Stilbosis</i>					
<i>Chrysoperla</i> (= <i>Chrysopa</i>) <i>carnea</i> (Steph.)	Neuroptera	Chrysopidae	common green lacewing	predator	D
<i>Chrysops carbonarius</i> Wlk.	Diptera	Tabanidae	deer fly	biting flies	F

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Chrysoteuchia</i> (= <i>Crambus</i> in part) <i>topiaria</i> (Zell.)	Lepidoptera	Pyrilidae	cranberry girdler	cranberry	F
<i>Cicindela</i> <i>longilabris</i> Say	Coleoptera	Carabidae (= Cicindelidae)	tiger beetle	predator	D
<i>Cimberis</i> <i>elongata</i> (LeC.)	Coleoptera	Nemonychidae (= Curculionidae)	pine weevil	pine	C
<i>Cimbex</i> <i>americana</i> Leach	Hymenoptera	Cimbicidae	elm sawfly	deciduous	C
<i>Cinara</i> <i>banksiana</i> P. & T. <i>braggii</i> (Gill.)	Homoptera	Aphididae	jack pine aphid	jack pine	C
<i>canatra</i> H. & B. <i>coloradensis</i> (Gill.)	Homoptera	Aphididae	spruce aphid	spruce	C
<i>confinis</i> (Koch) [= <i>abieticola</i> (Cholodk.)]	Homoptera	Aphididae	jack pine aphid	jack pine	C
<i>curvipes</i> (Patch)	Homoptera	Aphididae	spruce aphid	white spruce	C
<i>ionacula</i> Hottes	Homoptera	Aphididae	balsam fir aphid	balsam fir	C
<i>gracilis</i> (Wils.)	Homoptera	Aphididae	green spruce aphid	spruce	C
<i>harmonia</i> (Hottes)	Homoptera	Aphididae	jack pine aphid	jack pine	C
<i>hottesi</i> (G. & P.)	Homoptera	Aphididae	red pine aphid	red pine	C
<i>laricifex</i> (Fitch)	Homoptera	Aphididae	spruce aphid	spruce	C
<i>laricis</i> (Htg.)	Homoptera	Aphididae	black larch aphid	larch	C
<i>ontarioensis</i> Brad.	Homoptera	Aphididae	larch aphid	larch	C
<i>pergandei</i> (Wils.)	Homoptera	Aphididae	jack pine needle aphid	jack pine	C
<i>pinea</i> (Mordvilko)	Homoptera	Aphididae	jack pine aphid	jack pine	C
<i>pinivora</i> (Wils.)	Homoptera	Aphididae	Scots pine aphid	pine	C
<i>pruinosa</i> (Htg.)	Homoptera	Aphididae	pine aphid	pine	C
[= <i>palmerae</i> (Gill.)]	Homoptera	Aphididae	spruce aphid	spruce	C
<i>strobi</i> (Fitch)	Homoptera	Aphididae	white pine aphid	white pine	C
<i>Cincticornia</i> <i>pilulae</i> (Beut.)	Diptera	Cecidomyiidae	oak pillgall midge	oak	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Cingilia</i> <i>catenaria</i> (Drury)	Lepidoptera	Geometridae	chainspotted geometer	coniferous, ground plants	C
<i>Cisseps</i> <i>fulvicollis</i> (Hbn.)	Lepidoptera	Arctiidae (= Amatidae)	yellowcollared scapemoth	unknown	C
<i>Cladara</i> (= <i>Nyctobia</i>) <i>atroliturata</i> (Wlk.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>limitaria</i> (Wlk.)	Lepidoptera	Geometridae	yellowlined conifer looper	coniferous	C
<i>Clastoptera</i> <i>obtusa</i> (Say)	Homoptera	Cercopidae	alder spittlebug	alder	C
<i>proteus</i> Fitch	Homoptera	Cercopidae	dogwood spittlebug	dogwood	C
<i>Clemensia</i> <i>albata</i> Pack.	Lepidoptera	Arctiidae	little white lichen moth	coniferous	C
<i>Clepsis</i> <i>melaleucana</i> (Wlk.)	Lepidoptera	Tortricidae	leafroller	deciduous	C
<i>persicana</i> (Fitch)	Lepidoptera	Tortricidae	white triangle leafroller	general feeder	C
<i>Clinodiplosis</i> (= <i>Itonida</i>) <i>canadensis</i> (Felt)	Diptera	Cecidomyiidae	Juneberry veingall midge	Juneberry	C
<i>Clostera</i> (= <i>Ichthyura</i>) <i>albosigma</i> Fitch	Lepidoptera	Notodontidae	rustylined leaftier	poplar	C
<i>apicalis</i> (Wlk.)	Lepidoptera	Notodontidae	redmarked tentmaker	poplar	C
<i>inclusa</i> (Hbn.)	Lepidoptera	Notodontidae	poplar tentmaker	poplar	C
<i>strigosa</i> (Grt.)	Lepidoptera	Notodontidae	poplar leaftier	poplar	C
<i>Coccinella</i> <i>hieroglyphica kirbyi</i> Crotch	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>monticola</i> Muls.	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>novemnotata</i> Hbst.	Coleoptera	Coccinellidae	ninespotted lady beetle	predator	D
<i>septempunctata</i> Linné	Coleoptera	Coccinellidae	sevenspotted lady beetle	predator	D
<i>transversoguttata richardsoni</i> Brown	Coleoptera	Coccinellidae	transverse lady beetle	predator	D

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Coccinella (cont'd)					
<i>trifasciata perplexa</i> Muls.	Coleoptera	Coccinellidae	threebanded lady beetle	predator	D
<i>undecimpunctata</i> L.	Coleoptera	Coccinellidae	elevenspotted lady beetle	predator	D
Coccobaphes					
<i>frontifer</i> (Wlk.) (= <i>sanguinarius</i> Uhl.)	Hemiptera	Miridae	plant bug	unknown	C
Coleomegilla					
<i>maculata lengi</i> Timb.	Coleoptera	Coccinellidae	lady beetle	predator	D
Coleophora					
<i>atromarginata</i> Braun	Lepidoptera	Coleophoridae	oak casebearer	oak	C
<i>cerasivorella</i> Pack.	Lepidoptera	Coleophoridae	fruittree casebearer	fruit trees	C
<i>comptoniella</i> (McD.) (= <i>betulivora</i> McD.)	Lepidoptera	Coleophoridae	lesser birch casebearer	birch	C
<i>laricella</i> (Hbn.)	Lepidoptera	Coleophoridae	larch casebearer	larch	B
<i>laticornella</i> Clem. (= <i>caryaefoliella</i> Clem.)	Lepidoptera	Coleophoridae	pecan cigar casebearer	hickory	C
<i>limosipennella</i> Dup. (= <i>ulmifoliella</i> McD.)	Lepidoptera	Coleophoridae	elm casebearer	elm	C
<i>malivorella</i> Riley	Lepidoptera	Coleophoridae	pistol casebearer	deciduous	C
<i>ostryae</i> Clem.	Lepidoptera	Coleophoridae	ironwood casebearer	ironwood	C
<i>pruniella</i> Clem. (= <i>innotabilis</i> Braun)	Lepidoptera	Coleophoridae	cherry casebearer	deciduous	C
<i>querciella</i> Clem.	Lepidoptera	Coleophoridae	oak casebearer	oak	C
<i>serratella</i> (L.) (= <i>fuscedinella</i> Zell.)	Lepidoptera	Coleophoridae	birch casebearer	birch	E
<i>tiliaefoliella</i> Clem.	Lepidoptera	Coleophoridae	basswood casebearer	basswood	C
Coleotechnites (= <i>Eucordylea</i> and <i>Pulicalvaria</i>)					
<i>apicitripunctella</i> (Clem.) [= <i>abietisella</i> (Pack.)]	Lepidoptera	Gelechiidae	green hemlock needleminer	hemlock	C
<i>atrupictella</i> (Dietz)	Lepidoptera	Gelechiidae	spruce micro moth	coniferous	C
<i>blastovora</i> (McLeod)	Lepidoptera	Gelechiidae	spruce micro moth	spruce	C
<i>canusella</i> (Free.)	Lepidoptera	Gelechiidae	banded jack pine needleminer	jack pine	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Coleotechnites</i> (cont'd)					
<i>carbonarius</i> (Free.)	Lepidoptera	Gelechiidae	juniper needleminer	juniper	C
<i>coniferella</i> (Kft.)	Lepidoptera	Gelechiidae	pine needleminer	pine	C
<i>ducharmei</i> (Free.)	Lepidoptera	Gelechiidae	spruce needleminer	spruce	C
<i>gibsonella</i> (Kft.)	Lepidoptera	Gelechiidae	juniper needleminer	juniper	C
<i>laricis</i> (Free.)	Lepidoptera	Gelechiidae	orange larch tubemaker	larch	C
<i>macleodi</i> (Free.)	Lepidoptera	Gelechiidae	brown hemlock needleminer	hemlock	C
<i>martini</i> (Free.)	Lepidoptera	Gelechiidae	spruce needleminer	spruce	C
<i>piceaella</i> (Kft.)	Lepidoptera	Gelechiidae	orange spruce needleminer	spruce	C
<i>resinosae</i> (Free.)	Lepidoptera	Gelechiidae	red pine needleminer	red pine	C
<i>thujaella</i> (Kft.)	Lepidoptera	Gelechiidae	brown cedar leafminer	cedar	B
<i>Colias</i>					
<i>eurythme</i> Bdv.	Lepidoptera	Pieridae	alfalfa caterpillar	legumes	F
<i>philodice</i> Godt.	Lepidoptera	Pieridae	clouded sulphur	legumes	F
<i>Colocasia</i>					
<i>flavicornis</i> (Sm.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>propinquilinea</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>Colopha</i>					
<i>ulmicola</i> (Fitch)	Homoptera	Aphididae	elm cockscombgall aphid	elm	C
<i>Compsolechia</i> see <i>Anacamptis</i>					
<i>Conophthorus</i>					
<i>coniperda</i> (Schw.)	Coleoptera	Scolytidae	white pine cone beetle	white pine	B
<i>resinosae</i> Hopk. (= <i>banksianae</i> McP.)	Coleoptera	Scolytidae	red pine cone beetle, jack pine tip beetle	jack pine, red pine	B
<i>Conotrachelus</i>					
<i>juglandis</i> LeC.	Coleoptera	Curculionidae	butternut curculio	butternut	C
<i>nenuphar</i> (Hbst.)	Coleoptera	Curculionidae	plum curculio	fruit trees	C
<i>Contarinia</i> (see also <i>Cecidomyia</i> and <i>Acericecis</i>)					
<i>baeri</i> (Prell)	Diptera	Cecidomyiidae	European pine needle midge	Scots pine, red pine	B

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Contarinia (cont'd)					
<i>canadensis</i> Felt	Diptera	Cecidomyiidae	ash midribgall midge	ash	C
<i>negundifolia</i> Felt	Diptera	Cecidomyiidae	boxelder leafgall midge	Manitoba maple	C
<i>negundinis</i> (Gill.)	Diptera	Cecidomyiidae	boxelder budgall midge	Manitoba maple	C
<i>virginianiae</i> Felt	Diptera	Cecidomyiidae	chokecherry midge	chokecherry	C
Coptodisca					
<i>splendoriferella</i> (Clem.)	Lepidoptera	Heliozelidae	resplendent shield bearer	apple	C
Corthylus					
<i>punctatissimus</i> (Zimm.)	Coleoptera	Scolytidae	pitted ambrosia beetle	maple	B
Corythucha					
<i>arcuata</i> (Say)	Hemiptera	Tingidae	oak lace bug	oak	B
<i>associata</i> O. & D.	Hemiptera	Tingidae	birch lace bug	birch	B
<i>ciliata</i> (Say)	Hemiptera	Tingidae	sycamore lace bug	sycamore	C
<i>cydoniae</i> (Fitch)	Hemiptera	Tingidae	hawthorn lace bug	hawthorn	C
<i>elegans</i> Drake	Hemiptera	Tingidae	poplar lace bug	poplar, willow	B
<i>heidemanni</i> Drake	Hemiptera	Tingidae	alder lace bug	alder	C
<i>juglandis</i> (Fitch)	Hemiptera	Tingidae	walnut lace bug	deciduous	B
<i>mollicula</i> O. & D.	Hemiptera	Tingidae	willow lace bug	willow	C
<i>pallipes</i> Parsh.	Hemiptera	Tingidae	birch lace bug	deciduous	C
<i>pergandei</i> Heid.	Hemiptera	Tingidae	alder lace bug	deciduous	C
<i>ulmi</i> O. & D.	Hemiptera	Tingidae	elm lace bug	elm	B
Cosmia					
<i>calami</i> (Harv.)	Lepidoptera	Noctuidae	owlet moth	oak	C
Cosmopepla					
<i>bimaculata</i> (Thos.)	Hemiptera	Pentatomidae	twospotted stink bug	predator	D
Cosmosalia (= <i>Anoplodera</i> in part)					
<i>chrysocoma</i> (Kby.)	Coleoptera	Cerambycidae	longhorned beetle	unknown	C
Cosymbia see <i>Cyclophora</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Cotalpa lanigera</i> (L.)	Coleoptera	Scarabaeidae	goldsmith beetle	poplar	C
<i>Crambidia casta</i> (Pack.)	Lepidoptera	Arctiidae	gray footman	unknown	C
<i>Crambidia pallida</i> Pack.	Lepidoptera	Arctiidae	pale footman	unknown	C
<i>Crambus</i> (see also <i>Agriphila</i> , <i>Catoptria</i> and <i>Chrysoteuchia</i>)					
<i>agitatellus</i> Clem.	Lepidoptera	Pyralidae	webworm	grass	F
<i>girardellus</i> Clem.	Lepidoptera	Pyralidae	webworm	grass	F
<i>hamellus</i> (Thunb.)	Lepidoptera	Pyralidae	webworm	grass	F
<i>perlellus innotatellus</i> Wlk.	Lepidoptera	Pyralidae	webworm	grass	F
<i>Crepidodera nana</i> (Say)	Coleoptera	Chrysomelidae	tiny aspen flea beetle	aspen	C
<i>Cressonia</i> see <i>Laothoe</i>					
<i>Crocigrapha normani</i> (Grt.)	Lepidoptera	Noctuidae	climbing cherryworm	deciduous	C
<i>Croesia</i> see <i>Acleris</i>					
<i>Croesus castaneae</i> Roh.	Hymenoptera	Tenthredinidae	chestnut sawfly	chestnut	C
<i>latitarsus</i> Nort.	Hymenoptera	Tenthredinidae	dusky birch sawfly	birch	C
<i>Crymodes devastator</i> (Brace)	Lepidoptera	Noctuidae	glassy cutworm	sod	F
<i>Cryphalus</i> (= <i>Taenioglyptes</i>) <i>r. ruficollis</i> (Hopk.)	Coleoptera	Scolytidae	bark beetle	white spruce	C
<i>Cryptocala acadiensis</i> (Beth.)	Lepidoptera	Noctuidae	catocaline dart	unknown	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Cryptocephalus</i>					
<i>n. notatus</i> F.	Coleoptera	Chrysomelidae	leaf beetle	general feeder	C
<i>quadruplex</i> Newm.	Coleoptera	Chrysomelidae	leaf beetle	general feeder	C
<i>Cryptococcus</i>					
<i>fagisuga</i> Linding.	Homoptera	Coccidae	beech scale	beech	B
<i>Cryptorhynchus</i> (= <i>Sternochetus</i>)					
<i>lapathi</i> (L.)	Coleoptera	Curculionidae	poplar-and-willow borer	poplar, willow	B
<i>Crypturgus</i>					
<i>borealis</i> Swaine	Coleoptera	Scolytidae	bark beetle	coniferous	C
<i>pusillus</i> (Gyll.)	Coleoptera	Scolytidae	bark beetle	coniferous	C
(= <i>atomus</i> LeC.)					C
<i>Ctenicera</i>					
<i>appropinquans</i> (Rand.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>arata</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>hieroglyphica</i> (Say)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>kendalli</i> Kby.	Coleoptera	Elateridae	click beetle	soil insect	F
<i>mediana</i> (Germ.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>nigricollis</i> (Bland)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>nitidula</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>ochreipennis</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>p. propola</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>pulchra</i> (LeC.)	Coleoptera	Elateridae	twospotted click beetle	soil insect	F
[= <i>cruciata pulchra</i> (LeC.)]			click beetle	soil insect	F
<i>resplendens aeraria</i> (Rand.)	Coleoptera	Elateridae	green click beetle	soil insect	F
<i>spinosa</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>splendens</i> (Ziegl.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>triundulata</i> (Rand.)	Coleoptera	Elateridae	threespotted click beetle	soil insect	F
<i>Ctenucha</i>					
<i>virginica</i> (Esp.)	Lepidoptera	Arctiidae	Virginian ctenucha	grass	F
<i>Cucullia</i>					
<i>convexipennis</i> G. & R.	Lepidoptera	Noctuidae	aster cutworm	aster, goldenrod	F

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Cucullia (cont'd)					
<i>intermedia</i> Speyer	Lepidoptera	Noctuidae	goldenrod cutworm	flowers	F
<i>postera</i> Gn.	Lepidoptera	Noctuidae	aster cutworm	wild aster	F
Culex					
<i>p. pipiens</i> L.	Diptera	Cylicidae	northern house mosquito	biting flies	F
Culicoides spp.	Diptera	Chironomidae	punkies	biting flies	F
Cycloneda					
<i>munda</i> (Say)	Coleoptera	Coccinellidae	lady beetle	predator	D
Cyclophora					
<i>pendulinaria</i> (Gn.)	Lepidoptera	Geometridae	looper	deciduous	C
Cydia (= <i>Laspeyresia</i>)					
<i>candana</i> (Fbs.)	Lepidoptera	Olethreutinae	maple seedworm	maple	C
<i>caryana</i> (Fitch)	Lepidoptera	Olethreutinae	hickory shuckworm	hickory	C
<i>ingrata</i> (Heinr.)	Lepidoptera	Olethreutinae	poplar seedworm	poplar	C
<i>strobilella</i> (L.)	Lepidoptera	Olethreutinae	spruce seed moth	spruce	B
[= <i>youngana</i> (Kft.)]					
<i>toreuta</i> (Grt.)	Lepidoptera	Olethreutinae	eastern pine seedworm	pine	C
Cylistix					
<i>cylindrica</i> (P. de B.)	Coleoptera	Histeridae	hister beetle	predator	D
Cynips see <i>Atrusca</i>					
Cyphon					
<i>variabilis</i> (Thunb.)	Coleoptera	Scirtidae	false flower beetle	general feeder	C
Cyrtolobus					
<i>querci</i> (Fitch)	Homoptera	Membracidae	treehopper	unknown	C
Cytilus					
<i>alternatus</i> (Say)	Coleoptera	Byrrhidae	pill beetle	seedling roots	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Dahlbominus fuscipennis</i> (Zett.)	Hymenoptera	Eulophidae	chalcid parasite	parasite	D
<i>Danaus plexippus</i> (L.)	Lepidoptera	Danaidae	monarch butterfly	milkweed	F
<i>Danosoma</i> (= <i>Lacon</i>)					
<i>brevicorne</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>obtectum</i> (Say)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>Darapsa</i>					
<i>myron</i> (Cram.)	Lepidoptera	Sphingidae	Virginia creeper sphinx	deciduous	C
<i>pholus</i> (Cram.)	Lepidoptera	Sphingidae	azalea sphinx	shrubs	C
<i>Dasineura</i> (see also <i>Kaltenbachiola</i>)					
<i>aceris</i> (Shimer)	Diptera	Cecidomyiidae	soft maple leaf midge	soft maple	C
<i>balsamicola</i> (Lint.)	Diptera	Cecidomyiidae	introduced false balsam gall midge	balsam fir	C
<i>communis</i> Felt	Diptera	Cecidomyiidae	gouty vein midge	maple	C
<i>gleditchiae</i> O.S.	Diptera	Cecidomyiidae	honey locust podgall midge	locust	B
<i>plicata</i> (Felt)	Diptera	Cecidomyiidae	willow gall midge	willow	C
<i>serrulatae</i> (O.S.)	Diptera	Cecidomyiidae	alder budgall midge	alder	C
<i>swaini</i> (Felt)	Diptera	Cecidomyiidae	spruce bud midge	spruce	C
<i>Dasychira</i>					
<i>dorsipennata</i> (B. & McD.)	Lepidoptera	Lymantriidae	hardwood tussock moth	deciduous	C
<i>pinicola</i> (Dyar)	Lepidoptera	Lymantriidae	pine tussock moth	pine	E
<i>plagiata</i> (Wlk.)	Lepidoptera	Lymantriidae	northern pine tussock moth	pine	C
[= <i>pini</i> (Dyar)]					
<i>vagans</i> (B. & McD.)	Lepidoptera	Lymantriidae	tussock moth	deciduous	C
<i>Dasylophia</i>					
<i>thyatiroides</i> (Wlk.)	Lepidoptera	Notodontidae	beech caterpillar	beech	C
<i>Datana</i>					
<i>angusii</i> G. & R.	Lepidoptera	Notodontidae	striped caterpillar	hickory, butternut	C
<i>contracta</i> Wlk.	Lepidoptera	Notodontidae	oak caterpillar	oak	C
<i>drexelii</i> Hy. Edw.	Lepidoptera	Notodontidae	witch-hazel caterpillar	witch-hazel	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Datana (cont'd)					
<i>integerrima</i> G. & R.	Lepidoptera	Notodontidae	walnut caterpillar	walnut, hickory	B
<i>ministra</i> (Drury)	Lepidoptera	Notodontidae	yellownecked caterpillar	deciduous	C
<i>perspicua</i> G. & R.	Lepidoptera	Notodontidae	spotted datana	sumac	C
Delphastus					
<i>pusillus</i> (LeC.)	Coleoptera	Coccinellidae	lady beetle	predator	D
Dendroctonus					
<i>murrayanae</i> Hopk.	Coleoptera	Scolytidae	lodgepole pine beetle	jack pine, red pine	C
<i>rufipennis</i> (Kby.) [= <i>obesus</i> (Mann.)]	Coleoptera	Scolytidae	spruce beetle	white spruce	C
<i>simplex</i> LeC.	Coleoptera	Scolytidae	eastern larch beetle	tamarack	C
<i>valens</i> LeC.	Coleoptera	Scolytidae	red turpentine beetle	coniferous	C
Depressaria (see also <i>Nites</i>)					
<i>pastinacella</i> (Dup.) (= <i>heracliana</i> auth.)	Lepidoptera	Oecophoridae	parsnip webworm	umbelliferous	F
Depressariodes (= <i>Martyrhilda</i>)					
<i>ciniflonella</i> (Lien. & Zell.) [= <i>klamathianus</i> (Wlsm.)]	Lepidoptera	Oecophoridae	leafroller	poplar, alder	C
Dermestes					
<i>lardarius</i> L.	Coleoptera	Dermestidae	larder beetle	household pest	G
Desmia					
<i>funeralis</i> (Hbn.)	Lepidoptera	Pyralidae	grape leaffolder	vines	F
Deuteronomos see <i>Ennomos</i>					
Diachrysia					
<i>balluca</i> Gey.	Lepidoptera	Noctuidae	false looper	raspberry	F
Diachus					
<i>catarius</i> (Suffr.)	Coleoptera	Chrysomelidae	leaf beetle	willow	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Diapheromera femorata</i> (Say)	Orthoptera	Phasmatidae	walking stick	deciduous	B
<i>Diarsia jucunda</i> (Wlk.)	Lepidoptera	Noctuidae	smaller pinkish dart	unknown	C
<i>Dicerca divaricata</i> (Say)	Coleoptera	Buprestidae	flatheaded hardwood borer	dead trees	C
<i>tenebrica</i> (Kby.)	Coleoptera	Buprestidae	flatheaded poplar borer	dead trees	C
<i>tenebrosa</i> (Kby.)	Coleoptera	Buprestidae	flatheaded conifer borer	dead trees	C
<i>Dichelonyx albicollis</i> (Burm.)	Coleoptera	Scarabaeidae	leaf chafer	deciduous	C
<i>backii</i> (Kby.)	Coleoptera	Scarabaeidae	green rose chafer	deciduous	C
<i>elongatula</i> (Schönh.)	Coleoptera	Scarabaeidae	leaf chafer	deciduous	C
<i>linearis</i> (Gyll.)	Coleoptera	Scarabaeidae	leaf chafer	deciduous	C
<i>subvittata</i> (LeC.)	Coleoptera	Scarabaeidae	leaf chafer	deciduous	C
<i>Dichomeris ligulella</i> Hbn.	Lepidoptera	Gelechiidae	Palmerworm	deciduous	C
<i>marginella</i> (F.)	Lepidoptera	Gelechiidae	juniper webworm	juniper	C
<i>Dicrodiplosis populi</i> Felt	Diptera	Cecidomyiidae	poplar leafgall midge	poplar	C
<i>Dictyopterus aurora</i> (Hbst.)	Coleoptera	Lycidae	netwinged beetle	decaying wood	C
<i>Dimorphopteryx melanognathus</i> Roh.	Hymenoptera	Tenthredinidae	fringed birch sawfly	birch, alder	B
<i>Dioryctria abietivorella</i> (Grt.)	Lepidoptera	Pyralidae	fir coneworm	coniferous	C
<i>disclusa</i> Heinr.	Lepidoptera	Pyralidae	webbing coneworm	pine cone	C
<i>reniculelloides</i> Mut. & Mun.	Lepidoptera	Pyralidae	spruce coneworm	spruce, balsam fir	C
<i>resinosella</i> Mut.	Lepidoptera	Pyralidae	red pine shoot moth	red pine	C
<i>zimmermani</i> (Grt.)	Lepidoptera	Pyralidae	Zimmerman pine moth	pine	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Diplolepis rosae</i> (L.)	Hymenoptera	Cynipidae	mossy rose gall wasp	rose	C
<i>Diprion similis</i> (Htg.)	Hymenoptera	Diprionidae	introduced pine sawfly	pine	C
<i>Disonycha alternata</i> (Ill.)	Coleoptera	Chrysomelidae	striped willow leaf beetle	willow	C
<i>Drepana arcuata</i> Wlk.	Lepidoptera	Drepanidae	masked birch caterpillar	birch, alder	C
<i>bilineata</i> (Pack.)	Lepidoptera	Drepanidae	warty birch caterpillar	birch	C
<i>Drepanaphis acerifoliae</i> (Thos.)	Homoptera	Aphididae	painted maple aphid	maple	B
<i>Dryocampa r. rubicunda</i> (F.)	Lepidoptera	Saturniidae (= Citheroniidae)	greenstriped mapleworm	maple	A
<i>rubicunda alba</i> Grt.	Lepidoptera	Saturniidae	greenstriped mapleworm	maple	A
<i>Dryocoetes affaber</i> (Mann.)	Coleoptera	Scolytidae	bark beetle	spruce, pine	C
<i>autographus</i> (Ratz.)	Coleoptera	Scolytidae	bark beetle	coniferous	C
<i>betulae</i> Hopk.	Coleoptera	Scolytidae	birch bark beetle	white birch	C
<i>Dryocosmus deciduus</i> (Beut.)	Hymenoptera	Cynipidae	oak gall wasp	oak	C
<i>quercuspalustris</i> (O.S.)	Hymenoptera	Cynipidae	oak gall wasp	oak	C
<i>Dyspteris abortivaria</i> (H.-S.)	Lepidoptera	Geometridae	green grape-geometer	grape	C
<i>Dystroma citrata</i> (L.)	Lepidoptera	Geometridae	dark marbled carpet loopers	general feeder	C
<i>truncata traversata</i> (Kell.)	Lepidoptera	Geometridae		general feeder	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Eacles</i> <i>imperialis pini</i> Mich.	Lepidoptera	Saturniidae (= Citheroniidae)	pine imperial moth	pine	C
<i>Ecdytolopha</i> <i>insiticiana</i> Zell.	Lepidoptera	Olethreutinae	locust twig borer	locust	C
<i>punctidiscana</i> (Dyar)	Lepidoptera	Olethreutinae	micro moth	locust	C
<i>Ecpantheria</i> <i>scribonia</i> (Stoll)	Lepidoptera	Arctiidae	great leopard moth	unknown	C
<i>Ectoedemia</i> <i>argyropeza downesi</i> W. & S.	Lepidoptera	Nepticulidae	aspen petiole miner	aspen	C
<i>canutus</i> W. & S.	Lepidoptera	Nepticulidae	balsam poplar petiole miner	balsam poplar	C
<i>lindquisti</i> (Free.)	Lepidoptera	Nepticulidae	small birch leafminer	birch	C
<i>populella</i> Bsk.	Lepidoptera	Nepticulidae	poplar petiolegall moth	poplar	C
<i>Ectropis</i> <i>crepuscularia</i> (D. & S.)	Lepidoptera	Geometridae	saddleback looper	general feeder	C
<i>Egira</i> (= <i>Xylomyges</i>) <i>dolosa</i> (Grt.)	Lepidoptera	Noctuidae	lined black aspen caterpillar	aspen	C
<i>Eilema</i> <i>bicolor</i> (Grt.)	Lepidoptera	Arctiidae	smoky moth	coniferous	C
<i>Eitelius</i> <i>gregarius</i> (Marl.)	Hymenoptera	Tenthredinidae	willow skeletonizing sawfly	willow	C
<i>Elaphidionoides</i> see <i>Anelaphus</i>					
<i>Elaphria</i> <i>festivoidea</i> (Gn.)	Lepidoptera	Noctuidae	owlet moth	general feeder	C
<i>versicolor</i> (Grt.)	Lepidoptera	Noctuidae	fir harlequin	general feeder	C
<i>Elasmotethus</i> <i>cruciatus</i> (Say)	Hemiptera	Pentatomidae	redcrossed stink bug	unknown	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Elasmucha</i> (= <i>Meadorus</i>) <i>lateralis</i> (Say)	Hemiptera	Acanthosomatidae (= Pentatomidae in part)	mottled stink bug	predator	D
<i>Ellida</i> <i>caniplaga</i> (Wlk.)	Lepidoptera	Notodontidae	basswood caterpillar	basswood	C
<i>Ellychnia</i> (= <i>Lucidota</i>) <i>corrusca</i> (L.)	Coleoptera	Lampyridae	firefly	predator	D
<i>Ematurga</i> <i>amitaria</i> (Gn.)	Lepidoptera	Geometridae	cranberry spanworm	deciduous	C
<i>Empoasca</i> <i>fabae</i> (Harr.)	Homoptera	Cicadellidae	potato leafhopper	deciduous	C
<i>Empria</i> <i>multicolor</i> (Nort.)	Hymenoptera	Tenthredinidae	sawfly	white birch, alder	C
<i>Enargia</i> <i>decolor</i> (Wlk.) <i>infumata</i> (Grt.)	Lepidoptera Lepidoptera	Noctuidae Noctuidae	aspen twoleaf tier owlet moth	poplar birch	B C
<i>Enchenopa</i> <i>binotata</i> (Say)	Homoptera	Membracidae	twomarked treehopper	deciduous	C
<i>Endopiza</i> <i>piceana</i> (Free.)	Lepidoptera	Olethreutinae	spruce micro moth	spruce	C
<i>Endothenia</i> <i>albolineana</i> (Kft.)	Lepidoptera	Olethreutinae	spruce needleminer	spruce	C
<i>Ennomos</i> (= <i>Deuteronomos</i>) <i>magnaria</i> Gn.	Lepidoptera	Geometridae	maple spanworm, notchwing geometer	deciduous	C
<i>subsignaria</i> (Hbn.)	Lepidoptera	Geometridae	elm spanworm	elm	B

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Enodia					
<i>anthedon borealis</i> Clark (= <i>portlandia borealis</i> Clark)	Lepidoptera	Satyridae	pearly eye	grass	F
Epargyreus					
<i>clarus</i> (Cram.)	Lepidoptera	Hesperiidae	silverspotted skipper	locust	C
Ephestia					
<i>elutella</i> (Hbn.)	Lepidoptera	Pyralidae	tobacco moth	household pest	C
Epiblema					
<i>resumptana</i> (Wlk.)	Lepidoptera	Olethreutinae	micro moth	unknown	C
Epicauta					
<i>fabricii</i> (LeC.)	Coleoptera	Meloidae	ashgray blister beetle	unknown	C
<i>murina</i> LeC.	Coleoptera	Meloidae	dark blister beetle	deciduous	C
Epicnaptera see <i>Phyllodesma</i>					
Epiglaea					
<i>apiata</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	cranberry, blueberry	C
Epinotia					
<i>aceriella</i> (Clem.)	Lepidoptera	Olethreutinae	maple trumpet skeletonizer	maple	C
<i>albangulana</i> (Wlsm.)	Lepidoptera	Olethreutinae	alder leafroller	alder	C
<i>corylana</i> McD.	Lepidoptera	Olethreutinae	alder catkin moth	alder	C
<i>crenana</i> (Hbn.)	Lepidoptera	Olethreutinae	willow leafroller	willow	C
<i>criddleana</i> (Kft.)	Lepidoptera	Olethreutinae	aspen leafroller	poplar	C
<i>cruciana</i> (L.)	Lepidoptera	Olethreutinae	willow leaftier	willow	C
<i>lindana</i> (Fern.)	Lepidoptera	Olethreutinae	dogwood leafroller	dogwood	C
<i>medioplagata</i> (Wlsm.)	Lepidoptera	Olethreutinae	willow leafroller	willow	C
<i>momonana</i> (Kft.)	Lepidoptera	Olethreutinae	alder budminer	alder	C
<i>nanana</i> (Tr.)	Lepidoptera	Olethreutinae	European spruce needleminer	spruce	C
<i>nigralbana</i> (Wlsm.)	Lepidoptera	Olethreutinae	micro moth	alder	C
<i>nisella</i> (Cl.)	Lepidoptera	Olethreutinae	yellowheaded aspen leaftier	aspen	C
<i>normanana</i> Kft.	Lepidoptera	Olethreutinae	spruce needleminer	spruce	C
<i>rectiplicana</i> (Wlsm.)	Lepidoptera	Olethreutinae	micro moth	deciduous	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Epinotia</i> (cont'd)					
<i>septemberana</i> Kft.	Lepidoptera	Olethreutinae	micro moth	Labrador tea	C
<i>solandriana</i> (L.)	Lepidoptera	Olethreutinae	birch-aspen leafroller	birch, poplar	B
<i>solicitana</i> (Wlk.)	Lepidoptera	Olethreutinae	birch shootworm	birch	C
<i>timidella</i> (Clem.)	Lepidoptera	Olethreutinae	oak trumpet skeletonizer	oak	C
<i>transmissana</i> (Wlk.)	Lepidoptera	Olethreutinae	birch catkin moth	birch	C
<i>Epirrita</i>					
<i>autumnata henshawi</i> (Swett)	Lepidoptera	Geometridae	November moth	larch	C
<i>Episimus</i>					
<i>argutanus</i> (Clem.)	Lepidoptera	Olethreutinae	sumac leafroller	sumac	C
<i>Epizeuxis</i> see <i>Idia</i>					
<i>Erannis</i>					
<i>tiliaria</i> (Harr.)	Lepidoptera	Geometridae	linden looper	deciduous	B
<i>Eriocampa</i>					
<i>juglandis</i> (Fitch)	Hymenoptera	Tenthredinidae	woolly butternut sawfly	butternut, walnut	C
<i>ovata</i> (L.)	Hymenoptera	Tenthredinidae	woolly alder sawfly	alder	C
<i>Eriophyes</i> (see also <i>Acalitus</i> , <i>Aceria</i> , <i>Cecidophyopsis</i> and <i>Phytocoptella</i>)					
<i>pyri</i> Nal.	Acari	Eriophyidae	pear leaf blister mite	mountain-ash, pear, apple	E
<i>Eriosoma</i>					
<i>americanum</i> (Riley)	Homoptera	Aphididae	woolly elm aphid	elm	C
<i>crataegi</i> (Oestl.)	Homoptera	Aphididae	woolly hawthorn aphid	hawthorn	C
<i>lanigerum</i> (Hausm.)	Homoptera	Aphididae	woolly apple aphid	elm, apple	C
<i>Erynnis</i>					
<i>icelus</i> (Scudd. & Burg.)	Lepidoptera	Hesperiidae	dreamy dusky wing	poplar, willow	C
<i>juvenalis</i> (F.)	Lepidoptera	Hesperiidae	Juvenal's dusky wing	oak	C
<i>Estigmene</i> (see also <i>Spilosoma</i>)					
<i>acrea</i> (Drury)	Lepidoptera	Arctiidae	saltmarsh caterpillar	grass	F

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Euceraphis</i>					
<i>betulae</i> (Koch)	Homoptera	Aphididae	yellow birch aphid	birch	C
<i>punctipennis</i> (Zett.)	Homoptera	Aphididae	European birch aphid	birch	C
<i>Euchaetes</i>					
<i>egle</i> (Drury)	Lepidoptera	Arctiidae	milkweed tussock moth	milkweed	F
<i>Euchlaena</i>					
<i>effecta</i> (Wlk.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>irrararia</i> (B. & McD.)	Lepidoptera	Geometridae	looper	aspen	C
<i>johnsonaria</i> (Fitch)	Lepidoptera	Geometridae	looper	deciduous	C
<i>madusaria</i> (Wlk.)	Lepidoptera	Geometridae	looper	jack pine	C
<i>marginaria</i> (Minot)	Lepidoptera	Geometridae	looper	deciduous	C
<i>tigrinaria</i> (Gn.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>Eucirroedia</i>					
<i>pampina</i> (Gn.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>Euclea</i>					
<i>delphinii</i> (Bdv.)	Lepidoptera	Limacodidae	spiny slug caterpillar	deciduous	C
<i>Euclidia</i>					
<i>cuspeida</i> (Hbn.)	Lepidoptera	Noctuidae	owlet moth	clover	F
<i>Eucordylea</i> see <i>Coleotechnites</i>					
<i>Eucosma</i>					
<i>gloriola</i> Heinr.	Lepidoptera	Olethreutinae	eastern pine shoot borer	pine	B
<i>monitorana</i> Heinr.	Lepidoptera	Olethreutinae	red pine cone borer	red pine	C
<i>tocullionana</i> Heinr.	Lepidoptera	Olethreutinae	white pine cone borer	pine	C
<i>Eudeilinia</i>					
<i>herminiata</i> (Gn.)	Lepidoptera	Drepanidae	dogwood caterpillar	dogwood	C
<i>Eudryas</i> (= <i>Euthisanotia</i>)					
<i>grata</i> (F.)	Lepidoptera	Noctuidae	beautiful wood nymph	vines	F
<i>unio</i> (Hbn.)	Lepidoptera	Noctuidae	pearly wood nymph	ground plants	F

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Eueretagrotis</i>					
<i>attenta</i> (Grt.)	Lepidoptera	Noctuidae	cutworm	unknown	C
<i>perattenta</i> (Grt.)	Lepidoptera	Noctuidae	cutworm	unknown	C
<i>Eufidonia</i>					
<i>discospilata</i> (Wlk.)	Lepidoptera	Geometridae	looper	coniferous	C
<i>notataria</i> (Wlk.)	Lepidoptera	Geometridae	conifer looper	coniferous	C
<i>Eugonobapta</i>					
<i>nivosaria</i> (Gn.)	Lepidoptera	Geometridae	looper	maple	C
<i>Eulachnus</i> (= <i>Protolachnus</i>)					
<i>agilis</i> (Kltb.)	Homoptera	Aphididae	spotted black pine needle aphid	pine	C
<i>rileyi</i> (T.A. Wlms.)	Homoptera	Aphididae	powdery pine needle aphid	pine	C
<i>Eulithis</i> (= <i>Lygris</i>)					
<i>diversilineata</i> (Hbn.)	Lepidoptera	Geometridae	grapevine looper	grapevine	F
<i>Eumacaria</i> (= <i>Itame</i> in part)					
<i>latiferrugata</i> (Wlk.)	Lepidoptera	Geometridae	cherry spanworm	cherry	C
<i>Eumorpha</i>					
<i>achemon</i> (Drury)	Lepidoptera	Sphingidae	achemon sphinx	Virginia creeper	F
<i>Eupareophora</i>					
<i>parca</i> (Cress.)	Hymenoptera	Tenthredinidae	spiny ash sawfly	ash	C
[= <i>minuta</i> (MacG.)]					
<i>Euparthenos</i>					
<i>nubilis</i> (Hbn.)	Lepidoptera	Noctuidae	locust caterpillar, locust underwing	locust	C
<i>Euphoria</i>					
<i>fulgida</i> (F.)	Coleoptera	Scarabaeidae	scarab beetle	decayed wood	F
<i>inda</i> (L.)	Coleoptera	Scarabaeidae	bumble flower beetle	decayed wood	F
<i>Eupithecia</i>					
<i>albicapitata</i> Pack.	Lepidoptera	Geometridae	spruce cone geometer	spruce, balsam fir	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Eupithecia</i> (cont'd)					
<i>absinthiata</i> (Cl.) (= <i>coagulata</i> Gn.)	Lepidoptera	Geometridae	loopers	ground plants	F
<i>annulata</i> (Hlst.) (= <i>filmata</i> Pears.)	Lepidoptera	Geometridae	early brown looper	coniferous	C
<i>fletcherata</i> Tayl.	Lepidoptera	Geometridae	loopers	coniferous	C
<i>gelidata</i> Mösch.	Lepidoptera	Geometridae	loopers	birch	C
<i>interruptofasciata</i> Pack.	Lepidoptera	Geometridae	juniper looper	juniper	C
<i>intricata taylorata</i> Swett (= <i>gibsonata</i> Tayl.)	Lepidoptera	Geometridae	juniper looper	coniferous	C
<i>lariciata</i> (Freyer) (= <i>luteola</i> Pack.)	Lepidoptera	Geometridae	fir needle inchworm	coniferous	C
<i>m. misturata</i> (Hlst.)	Lepidoptera	Geometridae	tamarack looper	tamarack	C
<i>mutata</i> Pears.	Lepidoptera	Geometridae	spruce cone looper	spruce, balsam fir	C
<i>palpata</i> Pack. (= <i>transcanadata</i> MacK.)	Lepidoptera	Geometridae	small pine looper	coniferous	C
<i>ravocostaliata</i> Pack.	Lepidoptera	Geometridae	loopers	deciduous	C
<i>sheppardata</i> McD.	Lepidoptera	Geometridae	alder looper	alder	C
<i>strattonata</i> Pack.	Lepidoptera	Geometridae	spirea looper	spirea	C
<i>subfuscata</i> (Haw.)	Lepidoptera	Geometridae	loopers	coniferous	C
<i>Euplexia</i>					
<i>benesimilis</i> McD.	Lepidoptera	Noctuidae	owlet moth	general feeder	C
<i>Euproctis</i>					
<i>chrysorrhoea</i> (L.)	Lepidoptera	Lymantriidae	browntail moth	deciduous	E
<i>Eupsilia</i>					
<i>morrisoni</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	elm, maple	C
<i>tristigmata</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	cherry	C
<i>Euptoieta</i>					
<i>claudia</i> (Cram.)	Lepidoptera	Nymphalidae	variegated fritillary	ground plants	F
<i>Eurois</i>					
<i>astricta</i> Morr.	Lepidoptera	Noctuidae	cutworm	poplar	C
<i>occulta</i> (L.)	Lepidoptera	Noctuidae	cutworm	general feeder	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Eurrhypara hortulata</i> (L.)	Lepidoptera	Pyralidae	nettle micro moth	nettle	F
<i>Euschistus servus euschistoides</i> (Voll.)	Hemiptera	Pentatomidae	stink bug	general feeder	C
<i>tristigmus</i> (Say)	Hemiptera	Pentatomidae	dusky stink bug	general feeder	C
<i>Euthisanotia</i> see <i>Eudryas</i>					
<i>Euthyatira pudens</i> (Gn.)	Lepidoptera	Thyatiridae	false owlet moth	dogwood	C
<i>Eutrapela clemataria</i> (J.E. Smith)	Lepidoptera	Geometridae	purplish-brown looper	general feeder	C
<i>Euura atra</i> (Jur.)	Hymenoptera	Tenthredinidae	smaller willowshoot sawfly	willow	C
<i>s-nodus</i> Walsh	Hymenoptera	Tenthredinidae	willow twig-gall sawfly	willow	C
<i>Euxoa messoria</i> (Harr.)	Lepidoptera	Noctuidae	darksided cutworm (agricultural pest)	maple seedlings	C
<i>ochrogaster</i> (Gn.)	Lepidoptera	Noctuidae	redbacked cutworm	agricultural pest	F
<i>scandens</i> (Riley)	Lepidoptera	Noctuidae	white cutworm	agricultural pest	C
<i>tessellata</i> (Harr.)	Lepidoptera	Noctuidae	striped cutworm	agricultural pest	C
<i>Evodinus monticola</i> (Rand.)	Coleoptera	Cerambycidae	longhorned beetle	hemlock	C
<i>Evora hemidesma</i> (Zell.)	Lepidoptera	Olethreutinae	spirea leaf-tier	deciduous	C
<i>Exartema</i> see <i>Olethreutes</i>					
<i>Exochomus</i> see <i>Brumoides</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Exoteleia</i>					
<i>dodecella</i> (L.)	Lepidoptera	Gelechiidae	pine bud moth	pine	B
<i>nepheos</i> Free.	Lepidoptera	Gelechiidae	pine candle moth	pine	C
<i>pinifoliella</i> (Cham.)	Lepidoptera	Gelechiidae	pine needleminer	jack pine	B
<i>Fagiphagus</i>					
<i>imbricator</i> (Fitch)	Homoptera	Aphididae	beech blight aphid	beech	C
<i>Feltia</i>					
<i>herilis</i> (Grt.)	Lepidoptera	Noctuidae	dingy cutworm	unknown	C
<i>Feniseca</i>					
<i>tarquinius</i> (F.)	Lepidoptera	Lycaenidae	harvester	predator	D
<i>Fenusa</i>					
<i>dohrnii</i> (Tisch.)	Hymenoptera	Tenthredinidae	European alder leafminer	alder	B
<i>pusilla</i> (Lep.)	Hymenoptera	Tenthredinidae	birch leafminer	birch	A
<i>ulmi</i> Sund.	Hymenoptera	Tenthredinidae	elm leafminer	elm	B
<i>Feralia</i>					
<i>comstocki</i> (Grt.)	Lepidoptera	Noctuidae	redlined conifer caterpillar	coniferous	C
<i>jocosa</i> (Gn.)	Lepidoptera	Noctuidae	redlined conifer caterpillar, joker	coniferous	C
<i>major</i> Sm.	Lepidoptera	Noctuidae	redlined conifer caterpillar	spruce, pine	C
<i>Filatima</i>					
<i>betulae</i> Clarke	Lepidoptera	Gelechiidae	birch leafroller	birch	C
<i>dimissae</i> (Keif.)	Lepidoptera	Gelechiidae	leafroller	serviceberry	C
<i>Forficula</i>					
<i>auricularia</i> L.	Dermaptera	Forficulidae	European earwig	ground plants	F
<i>Framinghamia</i>					
<i>helvalis</i> (Wlk.)	Lepidoptera	Pyralidae	poplar leafroller	poplar	C
<i>Fumea</i> see <i>Psyche</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Furcula</i> (see also <i>Cerura</i>)					
<i>borealis</i> (G.-M.)	Lepidoptera	Notodontidae	forktailed caterpillar	deciduous	C
<i>cinerea</i> (Wlk.)	Lepidoptera	Notodontidae	forktailed caterpillar	willow	C
<i>modesta</i> (Hud.)	Lepidoptera	Notodontidae	forktailed caterpillar	willow	C
<i>occidentalis</i> (Lint.)	Lepidoptera	Notodontidae	forktailed caterpillar	willow, poplar	C
<i>scolopendrina</i> (Bdv.)	Lepidoptera	Notodontidae	forktailed caterpillar	deciduous	C
<i>Galerucella</i> (= <i>Pyrrhalta</i>)					
<i>nymphaeae</i> (L.)	Coleoptera	Chrysomelidae	waterlily leaf beetle	water lily	F
<i>Gargaphia</i>					
<i>tiliae</i> (Walsh)	Hemiptera	Tingidae	basswood lace bug	basswood	C
<i>Gastrophysa</i>					
<i>c. cyanea</i> Melsh.	Coleoptera	Chrysomelidae	leaf beetle	dock, rhubarb	F
<i>Geina</i>					
<i>periscelidactyla</i> (Fitch)	Lepidoptera	Pterophoridae	grape plume moth	grapevine	C
<i>Gelechia</i>					
<i>versutella</i> Zell.	Lepidoptera	Gelechiidae	poplar micro moth	aspen	C
<i>Geotrupes</i>					
<i>balyi</i> Jekel	Coleoptera	Scarabaeidae	scarab beetle	scavenger	F
<i>Gilpinia</i>					
<i>frutetorum</i> (F.)	Hymenoptera	Diprionidae	nursery pine sawfly	pine	C
<i>hercyniae</i> (Htg.)	Hymenoptera	Diprionidae	European spruce sawfly	spruce	C
<i>Glischrochilus</i>					
<i>quadrisignatus</i> (Say)	Coleoptera	Nitidulidae	fourspotted sap beetle	sap of plants	C
<i>s. sanguinolentus</i> (Oliv.)	Coleoptera	Nitidulidae	sap beetle	sap of plants	C
<i>Gluphisia</i>					
<i>avimacula</i> Hud.	Lepidoptera	Notodontidae	poplar caterpillar	poplar	C
<i>lintneri</i> (Grt.)	Lepidoptera	Notodontidae	poplar caterpillar	poplar	C
<i>septentrionis</i> Wlk.	Lepidoptera	Notodontidae	pale green notodontid	deciduous	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Glycobius speciosus</i> (Say)	Coleoptera	Cerambycidae	sugar maple borer	maple	C
<i>Glyphipteryx linneella</i> (Cl.)	Lepidoptera	Agonoxenidae	linden bark borer	European linden	C
<i>Glypta fumiferanae</i> (Vier.)	Hymenoptera	Ichneumonidae	parasite	budworms	D
<i>Glyptoscelis pubescens</i> (F.)	Coleoptera	Chrysomelidae	hairy leaf beetle	general feeder	C
<i>Gnathacmaeops</i> (= <i>Acmaeops</i>) <i>pratensis</i> (Laich.)	Coleoptera	Cerambycidae	longhorned beetle	spruce	C
<i>Gnophothrips fuscus</i> (Morgan) (= <i>piniphilis</i> Cwfd.)	Thysanoptera	Phloeothripidae	slash pine flower thrips	pine	C
<i>Gobaishia</i> see <i>Kaltenbachiella</i>					
<i>Gonioctena americana</i> (Schaeff.)	Coleoptera	Chrysomelidae	American aspen beetle	poplar	B
<i>notmani</i> (Schaeff.)	Coleoptera	Chrysomelidae	willow leaf beetle	willow	C
<i>Gossyparia spuria</i> (Mod.)	Homoptera	Coccidae	European elm scale	elm	C
<i>Gracillaria syringella</i> (F.)	Lepidoptera	Gracillariidae	lilac leafminer	lilac	B
<i>Grammoptera subargentata</i> (Kby.)	Coleoptera	Cerambycidae	longhorned beetle	deciduous	C
<i>Graphiphora haruspica</i> (Grt.)	Lepidoptera	Noctuidae	cutworm	willow, birch	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Graphocephala coccinea</i> (Forst.)	Homoptera	Cicadellidae	leafhopper	shrubs	C
<i>Grapholita prunivora</i> (Walsh)	Lepidoptera	Olethreutinae	lesser appleworm	apple	C
<i>Gretchena amatana</i> Heinr.	Lepidoptera	Olethreutinae	micro moth	walnut, butternut	C
<i>delicatana</i> Heinr.	Lepidoptera	Olethreutinae	ironwood fruitworm	ironwood	C
<i>semialba</i> McD.	Lepidoptera	Olethreutinae	alder leaf-tier	alder	C
<i>Griselda radicana</i> Heinr.	Lepidoptera	Olethreutinae	redstriped needleworm	spruce	C
<i>Gypsonoma fasciolana</i> (Clem.)	Lepidoptera	Olethreutinae	willow-and-poplar leafroller	willow, poplar	C
<i>haimbachiana</i> (Kft.)	Lepidoptera	Olethreutinae	cottonwood twig borer	poplar	C
<i>salicicolana</i> (Clem.)	Lepidoptera	Olethreutinae	willow leafroller	willow	C
<i>substitutionis</i> Heinr.	Lepidoptera	Olethreutinae	micro moth	deciduous	C
<i>Habrosyne scripta</i> (Gosse)	Lepidoptera	Thyatiridae	false owlet moth	unknown	C
<i>Halysidota</i> (see also <i>Lophocampa</i>)					
<i>harrisii</i> Walsh	Lepidoptera	Arctiidae	sycamore tussock moth	sycamore	C
<i>tessellaris</i> (J.E. Smith)	Lepidoptera	Arctiidae	pale tussock moth	deciduous	C
<i>Hamamelistes spinosus</i> Shimer	Homoptera	Aphididae	witch-hazel gall aphid	witch-hazel	C
<i>Haploa confusa</i> (Lyman)	Lepidoptera	Arctiidae	Lyman's haploa	deciduous	C
<i>contigua</i> (Wlk.)	Lepidoptera	Arctiidae	tiger moth	aspen	C
<i>lecontei</i> (G.-M.)	Lepidoptera	Arctiidae	LeConte's haploa	deciduous	C
<i>Hedya chionosema</i> (Zell.)	Lepidoptera	Olethreutinae	micro moth	deciduous	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Hedya</i> (cont'd)					
<i>ochroleucana</i> (Frö.)	Lepidoptera	Olethreutinae	rose leafroller	deciduous	C
<i>separatana</i> (Kft.)	Lepidoptera	Olethreutinae	micro moth	birch, serviceberry	C
<i>Helicoverpa</i> see <i>Heliothis</i>					
<i>Heliomata</i>					
<i>cycladata</i> G. & R.	Lepidoptera	Geometridae	stout locust looper	locust	C
<i>Heliothis</i>					
<i>zea</i> (Boddie)	Lepidoptera	Noctuidae	corn earworm, tomato fruitworm, bollworm	corn, tomato	G
<i>Helotropha</i>					
<i>reniformis</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	unknown	C
<i>Hemaris</i>					
<i>diffinis</i> (Bdv.)	Lepidoptera	Sphingidae	snowberry clearwing	deciduous	C
<i>gracilis</i> (G. & R.)	Lepidoptera	Sphingidae	clearwing hawkmoth	deciduous	C
<i>thysbe</i> (F.)	Lepidoptera	Sphingidae	hummingbird clearwing	deciduous	C
<i>Hemichroa</i>					
<i>crocea</i> (Geoff.)	Hymenoptera	Tenthredinidae	striped alder sawfly	alder	C
<i>militaris</i> (Cress.)	Hymenoptera	Tenthredinidae	cherry sawfly	cherry	C
<i>Hepialus</i>					
<i>gracilis</i> Grt.	Lepidoptera	Hepialidae	graceful ghost moth	unknown	C
<i>Heptagrotis</i>					
<i>phyllophora</i> (Grt.)	Lepidoptera	Noctuidae	cutworm	deciduous	C
<i>Heraclides</i>					
<i>cresphontes</i> (Cram.)	Lepidoptera	Papilionidae	orangedog	deciduous	C
<i>Herculia</i>					
<i>intermedialis</i> (Wlk.)	Lepidoptera	Pyralidae	conifer micro moth	spruce, balsam fir	C
<i>thymetusalis</i> (Wlk.)	Lepidoptera	Pyralidae	spruce needleworm	spruce	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Herpetogramma</i>					
<i>pertextalis</i> (Led.)	Lepidoptera	Pyralidae	leafroller	deciduous	C
<i>thestealis</i> (Wlk.)	Lepidoptera	Pyralidae	leafroller	deciduous	C
<i>Hesperia</i>					
<i>sassacus</i> Harr.	Lepidoptera	Hesperiidae	Indian skipper	unknown	C
<i>Hesperumia</i>					
<i>sulphuraria</i> Pack.	Lepidoptera	Geometridae	looper	general feeder	C
<i>Heterarthrus</i>					
<i>nemoratus</i> (Fall.)	Hymenoptera	Tenthredinidae	late birchleaf edgeminer	birch	C
<i>Heterocampa</i> (see also <i>Lochmaeus</i>)					
<i>biundata</i> Wlk.	Lepidoptera	Notodontidae	prominent moth	deciduous	C
<i>guttivitta</i> (Wlk.)	Lepidoptera	Notodontidae	saddled prominent	sugar maple, beech	A
<i>obliqua</i> Pack.	Lepidoptera	Notodontidae	prominent moth	oak	C
<i>u. umbrata</i> Wlk.	Lepidoptera	Notodontidae	prominent moth	birch, oak	C
<i>umbrata pulverea</i> G. & R.	Lepidoptera	Notodontidae	prominent moth	birch, oak	C
<i>Heterophleps</i>					
<i>refusaria</i> (Wlk.)	Lepidoptera	Geometridae	looper	unknown	C
<i>triguttaria</i> H.-S.	Lepidoptera	Geometridae	looper	maple	C
<i>Hethemia</i>					
<i>pistasciaria</i> (Gn.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>Hexomyza</i> (= <i>Napomyza</i>)					
<i>schineri</i> (Gir.)	Diptera	Agromyzidae	poplar twig-gall fly	poplar	C
<i>Hippodamia</i>					
<i>convergens</i> G.-M.	Coleoptera	Coccinellidae	convergent lady beetle	predator	D
<i>parenthesis</i> (Say)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>tredecimpunctata tibialis</i> (Say)	Coleoptera	Coccinellidae	thirteenspotted lady beetle	predator	D
<i>Holcocera</i>					
<i>chalcofrontella</i> Clem.	Lepidoptera	Blastobasidae	sumac micro moth	sumac	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Holcocerina immaculella</i> (McD.)	Lepidoptera	Blastobasidae	conifer micro moth	pine, spruce	C
<i>Holomelina aurantiaca</i> (Hbn.)	Lepidoptera	Arctiidae	arctiid moth	pine	C
<i>ferruginosa</i> (Wlk.)	Lepidoptera	Arctiidae	arctiid moth	unknown	C
<i>laeta treatii</i> (Grt.)	Lepidoptera	Arctiidae	arctiid moth	unknown	C
<i>Homadula anisocentra</i> Meyr.	Lepidoptera	Plutellidae (= Glyphipterygidae)	mimosa webworm	locust	B
<i>Homoglaea hircina</i> Morr.	Lepidoptera	Noctuidae	goat sawfly	aspen	C
<i>Homohadena badistriga</i> (Grt.)	Lepidoptera	Noctuidae	honeysuckle budworm	honeysuckle	C
<i>Hoplia trifasciata</i> Say	Coleoptera	Scarabaeidae	scarab beetle	flowers	F
<i>Hoplochaitophorus quercicola</i> (Monell)	Homoptera	Aphididae	oak aphid	oak	C
<i>Horisme intestinata</i> (Gn.)	Lepidoptera	Geometridae	looper	unknown	C
<i>Hormaphis hamamelidis</i> (Fitch)	Homoptera	Aphididae	witch-hazel conegall aphid	witch-hazel	C
<i>Hyalophora cecropia</i> (L.)	Lepidoptera	Saturniidae	cecropia moth	deciduous	C
<i>columbia</i> (S.I. Smith)	Lepidoptera	Saturniidae	larch silkworm, columbian silkmoth	larch	C
<i>Hybomitra zonalis</i> (Kby.)	Diptera	Tabanidae	moose fly	biting insect	F

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Hydrelia inornata</i> (Hlst.)	Lepidoptera	Geometridae	birch looper	birch	C
<i>Hydria prunivorata</i> (Fgn.)	Lepidoptera	Geometridae	cherry scalloppshell moth	black cherry	B
<i>undulata</i> (L.)	Lepidoptera	Geometridae	scalloppshell moth	deciduous	C
<i>Hydriomena divisaria</i> (Wlk.)	Lepidoptera	Geometridae	transverse banded looper	spruce	C
<i>furcata</i> (Thunb.)	Lepidoptera	Geometridae	transverse banded ash looper	willow, ash	C
<i>renunciata</i> (Wlk.)	Lepidoptera	Geometridae	alder looper	alder	C
<i>Hylastes porculus</i> Er.	Coleoptera	Scolytidae	bark beetle	pine	C
<i>Hylemya</i> see <i>Lasiomma</i>					
<i>Hyles gallii</i> (Rott.)	Lepidoptera	Sphingidae	bedstraw sphinx	ground plants	F
<i>Hylobius congener</i> D.T.	Coleoptera	Curculionidae	bark weevil	pine logs or stumps	C
<i>pales</i> (Hbst.)	Coleoptera	Curculionidae	pales weevil	pine	B
<i>pinicola</i> (Couper) [= <i>piceus</i> (DeG.)]	Coleoptera	Curculionidae	Couper's collar weevil	pine	C
<i>radicis</i> Buch.	Coleoptera	Curculionidae	pine root collar weevil	pine	B
<i>warreni</i> Wood	Coleoptera	Curculionidae	Warren's root collar weevil	coniferous	B
<i>Hylurgopinus rufipes</i> (Eich.)	Coleoptera	Scolytidae	native elm bark beetle	elm	A
<i>Hylurgops rugipennis pinifex</i> (Fitch) [= <i>pinifex</i> (Fitch)]	Coleoptera	Scolytidae	bark beetle	pine, spruce	C
<i>Hymenorus discretus</i> Casey	Coleoptera	Tenebrionidae	combclawed beetle	deciduous	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Hymenorus (cont'd)					
<i>molestus</i> Fall	Coleoptera	Tenebrionidae	comblawed beetle	deciduous	C
<i>niger</i> (Melsh.)	Coleoptera	Tenebrionidae	comblawed beetle	deciduous	C
<i>obesus</i> Casey	Coleoptera	Tenebrionidae	comblawed beetle	deciduous	C
<i>pilosus</i> (Melsh.)	Coleoptera	Tenebrionidae	comblawed beetle	deciduous	C
Hypagyrtis					
<i>piniata</i> (Pack.)	Lepidoptera	Geometridae	diamond backed conifer looper	coniferous	C
<i>unipunctata</i> (Haw.) [= <i>subatomaria</i> (Wood)]	Lepidoptera	Geometridae	onespotted variant	deciduous	C
Hypera					
<i>punctata</i> (F.)	Coleoptera	Curculionidae	clover leaf weevil	clover	F
Hyperaspis					
<i>bigeminata</i> (Rand.)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>binotata</i> (Say) (= <i>paspalis</i> Watson)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>conviva</i> Casey (= <i>congressis</i> Watson)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>proba</i> (Say)	Coleoptera	Coccinellidae	lady beetle	predator	D
Hyperetis see <i>Probole</i>					
Hyperstrotia					
<i>pervertens</i> (B. & McD.)	Lepidoptera	Noctuidae	owlet moth	elm, oak	C
Hyphantria					
<i>cunea</i> (Drury)	Lepidoptera	Arctiidae	fall webworm	deciduous	B
Hypoprepia					
<i>fucosa</i> Hbn.	Lepidoptera	Arctiidae	painted lichen moth	general feeder	C
<i>miniata</i> (Kby.)	Lepidoptera	Arctiidae	scarletwinged lichen moth	general feeder	C
Hyposoter					
<i>fugitivus</i> (Say)	Hymenoptera	Ichneumonidae	parasite	parasite	D

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Hyppa					
<i>xylinoides</i> (Gn.)	Lepidoptera	Noctuidae	cranberry cutworm	cranberry	C
Hysterosia (= <i>Phalonia</i>)					
<i>albidana</i> Wlk.	Lepidoptera	Cochylidae	micro moth	deciduous	C
<i>straminoides</i> Grt.	Lepidoptera	Cochylidae	basswood seed moth	basswood	C
Ichthyura see <i>Clostera</i>					
Idia (= <i>Epizeuxis</i>)					
<i>aemula</i> Hbn.	Lepidoptera	Noctuidae	owlet moth	spruce	C
<i>americalis</i> (Gn.)	Lepidoptera	Noctuidae	owlet moth	spruce	C
<i>lubricalis</i> (Gey.)	Lepidoptera	Noctuidae	owlet moth	unknown	C
Idiocerus					
<i>populi</i> (L.)	Homoptera	Cicadellidae	leafhopper	poplar	C
Incisalia (= <i>Callophrys</i>)					
<i>niphon clarki</i> Free.	Lepidoptera	Lycaenidae	pine elfin	pine, spruce	C
Ipimorpha					
<i>pleonectusa</i> Grt.	Lepidoptera	Noctuidae	blackcheeked aspen caterpillar	poplar, willow	C
Ips					
<i>borealis</i> Sw.	Coleoptera	Scolytidae	northern engraver	spruce	C
<i>calligraphus</i> (Germ.)	Coleoptera	Scolytidae	coarsewriting engraver	pine	C
<i>grandicollis</i> (Eich.)	Coleoptera	Scolytidae	southern pine engraver	pine	C
<i>perroti</i> Sw.	Coleoptera	Scolytidae	bark beetle	pine	C
<i>perturbatus</i> (Eich.)	Coleoptera	Scolytidae	northern spruce engraver	spruce	C
<i>pini</i> (Say)	Coleoptera	Scolytidae	pine engraver	pine, spruce	B
Iridopsis					
<i>larvaria</i> (Gn.)	Lepidoptera	Geometridae	looper	deciduous	C
Isa					
<i>textula</i> (H.-S.)	Lepidoptera	Limacodidae	slug caterpillar	white oak	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Isia</i> see <i>Pyrrharctia</i>					
<i>Isochnus</i> (= <i>Rhynchaenus</i>) <i>rufipes</i> (LeC.)	Coleoptera	Curculionidae	willow flea weevil	willow	C
<i>Isomira</i> <i>quadristriata</i> (Couper)	Coleoptera	Tenebrionidae (= Alleculidae)	comblawed beetle	deciduous	C
<i>Itame</i> (see also <i>Eumacaria</i>)					
<i>anataria</i> (Swett)	Lepidoptera	Geometridae	spanworm	white birch	C
<i>argillacearia</i> (Pack.)	Lepidoptera	Geometridae	spanworm	pine	C
<i>brunneata</i> (Thunb.) [= <i>fulvaria</i> (Vill.)]	Lepidoptera	Geometridae	spanworm	spruce	C
<i>exauspicata</i> (Wlk.)	Lepidoptera	Geometridae	spanworm	deciduous	C
<i>loricaria julia</i> (Hlst.)	Lepidoptera	Geometridae	false Bruce spanworm	aspen, poplar	C
<i>pustularia</i> (Gn.)	Lepidoptera	Geometridae	lesser maple spanworm	maple	C
<i>ribearia</i> (Fitch)	Lepidoptera	Geometridae	currant spanworm	currant	C
<i>Itonida</i> see <i>Clinodiplosis</i>					
<i>Itoplectis</i> <i>conquisitor</i> (Say)	Hymenoptera	Ichneumonidae	parasite	parasite	D
<i>Janetiella</i> (= <i>Mayetiola</i> in part) <i>ulmii</i> (Beut.)	Diptera	Cecidomyiidae	elm midge	elm	C
<i>Janus</i>					
<i>abbreviatus</i> (Say)	Hymenoptera	Cepidae	willow shoot sawfly	willow, poplar	C
<i>integer</i> (Nort.)	Hymenoptera	Cepidae	currant stem girdler	currant	C
<i>Japanagromyza</i> <i>viridula</i> (Coq.)	Diptera	Agromyzidae	leafminer	white oak	C
<i>Judolia</i> <i>m. montivagans</i> (Couper)	Coleoptera	Cerambycidae	longhorned beetle	unknown	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Kaltenbachella</i> (= <i>Gobaishia</i>) <i>ulmifusa</i> (Walsh & Riley)	Homoptera	Aphididae	elm pouchgall aphid	elm	C
<i>Kaltenbachiola</i> (= <i>Dasineura</i> in part) <i>canadensis</i> (Felt)	Diptera	Cecidomyiidae	spruce cone gall midge	spruce cones	C
<i>rachiphaga</i> (Tripp)	Diptera	Cecidomyiidae	spruce cone axis midge	spruce cones	C
<i>Kleidocerys</i> <i>resedae geminatus</i> (Say)	Hemiptera	Lygaeidae	birch catkin bug	birch	C
<i>Labidomera</i> <i>trimaculata</i> (F.) [= <i>clivicollis</i> (Kby.)]	Coleoptera	Chrysomelidae	milkweed leaf beetle	milkweed	F
<i>Lacanobia</i> (see also <i>Melanchra</i> , <i>Papestra</i> and <i>Polia</i>)					
<i>grandis</i> (Gn.)	Lepidoptera	Noctuidae	cutworm	willow, cherry	C
<i>legitima</i> (Grt.)	Lepidoptera	Noctuidae	striped garden caterpillar	general feeder	C
<i>lilacina</i> (Harv.)	Lepidoptera	Noctuidae	flax cutworm	field crops	G
<i>lutra</i> (Gn.)	Lepidoptera	Noctuidae	cutworm	general feeder	C
<i>nevadae</i> (Grt.)	Lepidoptera	Noctuidae	cutworm	birch	C
<i>radix</i> (Wlk.)	Lepidoptera	Noctuidae	cutworm	birch, alder	C
<i>tacoma</i> (Stkr.)	Lepidoptera	Noctuidae	cutworm	cherry, birch	C
<i>Lacinipolia</i>					
<i>lorea</i> (Gn.)	Lepidoptera	Noctuidae	cutworm	dandelion	F
<i>lustralis</i> (Grt.)	Lepidoptera	Noctuidae	cutworm	dandelion, alfalfa	F
<i>meditata</i> (Grt.)	Lepidoptera	Noctuidae	pinkbacked cutworm	dandelion	F
<i>olivacea</i> (Morr.)	Lepidoptera	Noctuidae	cutworm	dandelion	F
<i>renigera</i> (Steph.)	Lepidoptera	Noctuidae	bristly cutworm	dandelion, plantain	F
<i>Lacon</i> see <i>Danosoma</i>					
<i>Lambdina</i>					
<i>fervidaria athasaria</i> (Wlk.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>f. fiscellaria</i> (Gn.)	Lepidoptera	Geometridae	hemlock looper	general feeder	A

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Laothoe</i> (= <i>Cressonia</i>) <i>juglandis</i> (J.E. Smith)	Lepidoptera	Sphingidae	walnut sphinx	walnut	C
<i>Lapara</i> <i>bombycoides</i> Wlk.	Lepidoptera	Sphingidae	pine tree sphinx	pine	C
<i>Lasiomma</i> see <i>Strobilomyia</i>					
<i>Laspeyresia</i> see <i>Cydia</i>					
<i>Lecanium</i> see <i>Parthenolecanium</i>					
<i>Lepidosaphes</i> <i>ulmi</i> (L.)	Homoptera	Coccidae	oystershell scale	fruit trees	B
<i>Leptocoris</i> see <i>Boisea</i>					
<i>Leptura</i> <i>subhamata</i> Rand.	Coleoptera	Cerambycidae	longhorned beetle	red maple	C
<i>Lepturopsis</i> (= <i>Anoplodera</i> in part) <i>biforis</i> (Newm.)	Coleoptera	Cerambycidae	longhorned beetle	general feeder	C
<i>Lepyrus</i> <i>nordenskoeldi alterans</i> Casey <i>palustris</i> (Scop.)	Coleoptera Coleoptera	Curculionidae Curculionidae	weevil weevil	willow willow	C C
<i>Lestodiplosis</i> <i>grassator</i> (Fyles)	Diptera	Cecidomyiidae	midge	probably a predator	D
<i>Lethocerus</i> <i>americanus</i> (Leidy)	Hemiptera	Belostomatidae	giant waterbug	aquatic	F
<i>Leucania</i> see <i>Pseudaletia</i>					
<i>Leucanthiza</i> <i>dircella</i> Braun	Lepidoptera	Gracillariidae	leatherwood leafminer	leatherwood	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Leucoma salicis</i> (L.)	Lepidoptera	Lymantriidae	satin moth	poplar, willow	B
<i>Leuconycta diptheroides</i> (Gn.)	Lepidoptera	Noctuidae	marbled microcaelia	goldenrod	F
<i>Leucoptera</i> see <i>Paraleucoptera</i>					
<i>Limacodes</i> see <i>Apoda</i>					
<i>Limenitis</i> see <i>Basilarchia</i>					
<i>Limonius aeger</i> LeC.	Coleoptera	Elateridae	click beetle	soil insect	C
<i>Lithacodes fasciola</i> (H.-S.)	Lepidoptera	Limacodidae	slug caterpillar	deciduous	C
<i>Lithacodia albidula</i> (Gn.)	Lepidoptera	Noctuidae	owlet moth	grass	C
<i>Lithocolletis</i> see <i>Phyllonorycter</i> , <i>Cameraria</i> and <i>Chrysaster</i>					
<i>Litholomia napaea</i> (Morr.)	Lepidoptera	Noctuidae	owlet moth	aspen	C
<i>Lithomoia solidaginis germana</i> Morr.	Lepidoptera	Noctuidae	owlet moth	blueberry, labrador tea	C
<i>Lithophane amanda</i> (Sm.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>antennata</i> (Wlk.)	Lepidoptera	Noctuidae	green fruitworm	apple	C
<i>baileyi</i> Grt.	Lepidoptera	Noctuidae	owlet moth	choke cherry	C
<i>bethunei</i> (G. & R.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>disposita</i> Morr.	Lepidoptera	Noctuidae	owlet moth	cherry, willow	C
<i>fagina</i> Morr.	Lepidoptera	Noctuidae	owlet moth	birch	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Lithophane</i> (cont'd)					
<i>ferrealis</i> Grt.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>georgii</i> Grt.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>grotei</i> Riley (= <i>cinerosa</i> Grt.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>hemina</i> Grt.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>innominata</i> (Sm.)	Lepidoptera	Noctuidae	owlet moth	cherry	C
<i>laticinerea</i> Grt.	Lepidoptera	Noctuidae	owlet moth	cherry, apple	C
<i>lepida</i> Grt.	Lepidoptera	Noctuidae	owlet moth	pine	C
<i>patefacta</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	cherry	C
<i>petulca</i> Grt.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>pexata</i> Grt.	Lepidoptera	Noctuidae	owlet moth	general feeder	C
<i>semiusta</i> Grt.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>tepida</i> Grt.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>thaxteri</i> Grt.	Lepidoptera	Noctuidae	owlet moth	general feeder	C
<i>unimoda</i> (Lint.)	Lepidoptera	Noctuidae	owlet moth	cherry	C
<i>Lobophora</i>					
<i>nivigerata</i> Wlk.	Lepidoptera	Geometridae	twolined aspen looper	aspen	C
<i>Lochmaeus</i> (see also <i>Heterocampa</i>)					
<i>bilineata</i> (Pack.)	Lepidoptera	Notodontidae	elm prominent	elm	C
<i>manteo</i> Dbly.	Lepidoptera	Notodontidae	variable oakleaf caterpillar	deciduous	C
<i>Lomanaltes</i>					
<i>eductalis</i> (Wlk.)	Lepidoptera	Noctuidae	alder caterpillar	alder	C
<i>Lomographa</i>					
<i>glomeraria</i> (Grt.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>semiclarata</i> (Wlk.)	Lepidoptera	Geometridae	wild cherry looper	deciduous	C
<i>vestaliata</i> (Gn.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>Lophocampa</i> (see also <i>Halysidota</i>)					
<i>caryae</i> Harr.	Lepidoptera	Arctiidae	hickory tussock moth	deciduous	C
<i>maculata</i> Harr.	Lepidoptera	Arctiidae	spotted tussock moth	deciduous	C
<i>Lophodonta</i> see <i>Peridea</i>					

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Lucanus</i> (= <i>Pseudolucanus</i>) <i>placidus</i> Say	Coleoptera	Lucanidae	stag beetle	decayed wood	F
<i>Lucidota</i> (see also <i>Ellychnia</i> and <i>Pyropyga</i>) <i>atra</i> (Oliv.)	Coleoptera	Lampyridae	firefly	predator	D
<i>Lycaena</i> <i>phlaeas americana</i> Harr.	Lepidoptera	Lycaenidae	American copper	<i>Rumex</i> spp.	C
<i>Lycia</i> <i>ursaria</i> (Wlk.)	Lepidoptera	Geometridae	stout spanworm	deciduous	C
<i>Lycomorpha</i> <i>pholus</i> (Drury)	Lepidoptera	Arctiidae	lichen caterpillar	lichen	F
<i>Lygaeus</i> <i>kalmii</i> Stål	Hemiptera	Lygaeidae	small milkweed bug	milkweed	F
<i>Lygris</i> see <i>Eulithis</i>					
<i>Lymantor</i> <i>decipiens</i> (LeC.)	Coleoptera	Scolytidae	bark beetle	deciduous	C
<i>Lymantria</i> <i>dispar</i> (L.)	Lepidoptera	Lymantriidae	gypsy moth	general feeder	A
<i>Lytta</i> <i>sayi</i> LeC.	Coleoptera	Meloidae	Say blister beetle	larva - predator, adult - general feeder	D C
<i>Machimia</i> <i>tentoriferella</i> Clem.	Lepidoptera	Oecophoridae	leaffolder	deciduous	C
<i>Macremphytus</i> <i>tarsatus</i> (Say) (= <i>intermedius</i> (Dyar))	Hymenoptera	Tenthredinidae	dogwood sawfly	dogwood	C
<i>testaceus</i> (Nort.) (= <i>varianus</i> (Nort.))	Hymenoptera	Tenthredinidae	dogwood sawfly	dogwood	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Macroductylus subspinosus</i> (F.)	Coleoptera	Scarabaeidae	rose chafer	rose, wild grape	C
<i>Macrohaltica</i> see <i>Altica</i>					
<i>Macrophya punctumalbum</i> (L.)	Hymenoptera	Tenthredinidae	European privet sawfly	privet	C
<i>tibiator</i> Nort.	Hymenoptera	Tenthredinidae	sawfly	elderberry	C
<i>Macroxyela ferruginea</i> (Say)	Hymenoptera	Xyelidae	elm sawfly	elm	C
<i>Macrurocampa marthesia</i> (Cram.)	Lepidoptera	Notodontidae	hardwood caterpillar	oak, maple	C
<i>Magdalis austera</i> Fall	Coleoptera	Curculionidae	weevil	deciduous	C
<i>barbita</i> (Say)	Coleoptera	Curculionidae	black elm bark weevil	deciduous	C
<i>perforata</i> Horn	Coleoptera	Curculionidae	weevil	coniferous	C
<i>Malachius aeneus</i> (L.)	Coleoptera	Melyridae	flower beetle	flowers	F
<i>Malacosoma americanum</i> (F.)	Lepidoptera	Lasiocampidae	eastern tent caterpillar	cherry	B
<i>californicum lutescens</i> (N. & D.)	Lepidoptera	Lasiocampidae	prairie tent caterpillar	cherry	E
<i>californicum pluviale</i> (Dyar)	Lepidoptera	Lasiocampidae	northern tent caterpillar	cherry	B
<i>disstria</i> Hbn.	Lepidoptera	Lasiocampidae	forest tent caterpillar	aspen, deciduous	A
<i>Mamestra curialis</i> (Sm.)	Lepidoptera	Noctuidae	garden armyworm	ground plants	F
<i>Manduca quinquemaculata</i> (Haw.)	Lepidoptera	Sphingidae	tomato hornworm	tomato, potato	G
<i>sexta</i> (L.)	Lepidoptera	Sphingidae	tobacco hornworm	tobacco, tomato, potato	G

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Mantis religiosa</i> L.	Orthoptera	Mantidae	European mantid	predator	D
<i>Marathyssa inficita</i> (Wlk.)	Lepidoptera	Noctuidae	sumac caterpillar	sumac	C
<i>Marmara fasciella</i> (Cham.)	Lepidoptera	Gracillariidae	white pine bark miner	white pine	C
<i>Martyrhilda</i> see <i>Depressariodes</i>					
<i>Matsucoccus macrocitrices</i> Rich.	Homoptera	Margarodidae	white pine fungus scale	white pine	C
<i>Mayetiola</i> (see also <i>Celticecis</i> , <i>Janetiella</i> and <i>Rhabdophaga</i>)					
<i>carpophaga</i> (Tripp)	Diptera	Cecidomyiidae	spruce seed midge	spruce cones	C
<i>piceae</i> (Felt)	Diptera	Cecidomyiidae	spruce gall midge	spruce	C
<i>rigidae</i> (O.S.)	Diptera	Cecidomyiidae	willow beaked gall midge	willow	C
<i>walshii</i> (Felt)	Diptera	Cecidomyiidae	clustered willow gall midge	willow	C
<i>Meadorus</i> see <i>Elasmucha</i>					
<i>Mecas inornata</i> (Say)	Coleoptera	Cerambycidae	poplar gall borer	poplar	C
<i>Mecyna mustelinalis</i> (Pack.)	Lepidoptera	Pyralidae	micro moth	unknown	C
<i>Megacyllene caryae</i> (Gahan)	Coleoptera	Cerambycidae	painted hickory borer	hickory, ash	C
<i>robiniae</i> (Forst.)	Coleoptera	Cerambycidae	locust borer	black locust	C
<i>Meganola minuscula</i> (Zell.)	Lepidoptera	Noctuidae (= Nolinae)	oak caterpillar	white oak	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Megarhyssa</i> <i>m. macrurus</i> (L.)	Hymenoptera	Ichneumonidae	parasite	parasite	D
<i>Megastigmus</i> <i>a. atedius</i> Wlk. (= <i>piceae</i> Roh.)	Hymenoptera	Torymidae	spruce seed chalcid	spruce and white pine cones	C
<i>laricis</i> Marc.	Hymenoptera	Torymidae	larch seed chalcid	larch	C
<i>specularis</i> Walley	Hymenoptera	Torymidae	balsam fir seed chalcid	balsam fir	C
<i>Megaxyela</i> <i>major</i> (Cress.)	Hymenoptera	Xyelidae	hickory sawfly	hickory	C
<i>Melanagromyza</i> see <i>Hexomyza</i>					
<i>Melanchra</i> (see also <i>Lacanobia</i> , <i>Papestra</i> and <i>Polia</i>)					
<i>adjuncta</i> (Gn.)	Lepidoptera	Noctuidae	hitched mamestra	deciduous	C
<i>assimilis</i> (Morr.)	Lepidoptera	Noctuidae	cutworm	deciduous	C
<i>picta</i> (Harr.)	Lepidoptera	Noctuidae	zebra caterpillar	agricultural pest	F
<i>pulverulenta</i> (Sm.)	Lepidoptera	Noctuidae	cutworm	general feeder	C
<i>Melanolophia</i>					
<i>canadaria</i> (Gn.)	Lepidoptera	Geometridae	variable redmarked looper	deciduous	C
<i>imitata</i> (Wlk.)	Lepidoptera	Geometridae	greenstriped forest looper	coniferous	C
<i>signataria</i> (Wlk.)	Lepidoptera	Geometridae	striped green looper	general feeder	C
<i>Melanophila</i> see <i>Oxypteris</i>					
<i>Melanotus</i>					
<i>castanipes</i> (Payk.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>leonardi</i> (LeC.)	Coleoptera	Elateridae	click beetle	soil insect	F
<i>Melaphis</i>					
<i>rhois</i> (Fitch)	Homoptera	Aphididae	sumac aphid	sumac	C
<i>Melissopus</i>					
<i>latiferreranus</i> (Wlsm.)	Lepidoptera	Olethreutinae	filbertworm	hazel	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Melitaea see <i>Charidryas</i>					
Meloe					
<i>americanus</i> Leach	Coleoptera	Meloidae	buttercup oil beetle	larva - predator	D
<i>angusticollis</i> Say	Coleoptera	Meloidae	blister beetle	adult - general feeder	C
				larva - predator	D
				adult - general feeder	C
Meoneura					
<i>obscura</i> (Fall.)	Diptera	Milichiidae	European leafminer	deciduous	C
Meroptera					
<i>abditiva</i> Heinr.	Lepidoptera	Pyralidae	micro moth	poplar	C
<i>pravella</i> (Grt.)	Lepidoptera	Pyralidae	lesser aspen webworm	aspen	C
Mesoleius					
<i>tenthredinis</i> Morley	Hymenoptera	Ichneumonidae	parasite	parasite	D
Messa					
<i>nana</i> (Klug)	Hymenoptera	Tenthredinidae	early birch leaf edgeminer	birch	C
<i>populifoliella</i> (Townsend)	Hymenoptera	Tenthredinidae	poplar leafmining sawfly	poplar	C
Metacmaeops (= <i>Anoplodera</i> in part)					
<i>vittata</i> (Swed.)	Coleoptera	Cerambycidae	longhorned beetle	general feeder	C
Metalepsis					
<i>salicarum</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	unknown	C
Metallus					
<i>rohweri</i> MacG.	Hymenoptera	Tenthredinidae	blackberry leafminer	berry bushes	C
Metanema					
<i>determinata</i> Wlk.	Lepidoptera	Geometridae	looper	unknown	C
<i>inatoumaria</i> Gn.	Lepidoptera	Geometridae	poplar looper	poplar	C
Metcalfa					
<i>pruinosa</i> (Say)	Homoptera	Flatidae	planthopper	elm	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Microgoes oculatus</i> (LeC.)	Coleoptera	Cerambycidae	longhorned wood borer	deciduous	C
<i>Micrurapteryx salicifoliella</i> (Cham.)	Lepidoptera	Gracillariidae	willow leafminer	willow	B
<i>Mindarus abietinus</i> Koch	Homoptera	Aphididae	balsam twig aphid	balsam fir	C
<i>Monochamus marmorator</i> Kby.	Coleoptera	Cerambycidae	balsam fir sawyer	coniferous	B
<i>mutator</i> LeC.	Coleoptera	Cerambycidae	spotted pine sawyer	coniferous	C
<i>notatus</i> (Drury)	Coleoptera	Cerambycidae	northeastern sawyer	coniferous	B
<i>s. scutellatus</i> (Say)	Coleoptera	Cerambycidae	whitespotted sawyer	coniferous	A
<i>Monoctenus fulvus</i> (Nort.)	Hymenoptera	Diprionidae	cedar sawfly	cedar, juniper	C
<i>suffusus</i> (Cress.) (= <i>juniperinus</i> MacG.)	Hymenoptera	Diprionidae	juniper sawfly	cedar, juniper	C
<i>Moodna ostrinella</i> (Clem.)	Lepidoptera	Pyralidae	micro moth	sumac, oak	C
<i>Mordwilkoja vagabunda</i> (Walsh)	Homoptera	Aphididae	poplar vagabond aphid	poplar	C
<i>Morrisonia</i> (see also <i>Achatia</i>) <i>confusa</i> (Hbn.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>Mulsantina hudsonica</i> (Casey)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>picta</i> (Rand.)	Coleoptera	Coccinellidae	pine lady beetle	predator	D
<i>Musca domestica</i> L.	Diptera	Muscidae	house fly	household	G

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Mycodiplosis</i> <i>cerasifolia</i> (Felt)	Diptera	Cecidomyiidae	chokecherry leaf midge	chokecherry	C
<i>Myzia</i> (= <i>Neomysia</i>) <i>pullata</i> (Say)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>subvittata</i> (Muls.)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>Myzus</i> <i>cerasi</i> (F.)	Homoptera	Aphididae	black cherry aphid	cherry	C
<i>Nacophora</i> <i>quernaria</i> (J.E. Smith)	Lepidoptera	Geometridae	oak beauty	deciduous	C
<i>Nadata</i> <i>gibbosa</i> (J.E. Smith)	Lepidoptera	Notodontidae	yellowlined caterpillar	deciduous	C
<i>Napomyza</i> see <i>Hexomyza</i>					
<i>Neacanthocinus</i> <i>obsoletus</i> (Oliv.)	Coleoptera	Cerambycidae	longhorned wood borer	coniferous	C
<i>pusillus</i> (Kby.)	Coleoptera	Cerambycidae	longhorned pine borer	pine	C
<i>Nealgedonia</i> (see also <i>Phlyctaenia</i>) <i>extricalis</i> (Gn.)	Lepidoptera	Pyalidae	alder leaf-tier	alder	C
<i>Nematocampa</i> <i>limbata</i> (Haw.)	Lepidoptera	Geometridae	filament bearer	general feeder	C
<i>Nematus</i> (see also <i>Pontania</i>) <i>erythrogaster</i> Nort.	Hymenoptera	Tenthredinidae	alder sawfly	alder	C
<i>fulvicrus</i> Prov.	Hymenoptera	Tenthredinidae	willow sawfly	willow	C
<i>hudsoniimagnus</i> Dyar (= <i>poluli</i> [Marl.])	Hymenoptera	Tenthredinidae	poplar sawfly	poplar	C
<i>latifasciatus</i> Cress.	Hymenoptera	Tenthredinidae	willow sawfly	willow, birch	C
<i>limbatus</i> Cress.	Hymenoptera	Tenthredinidae	willow sawfly	willow, poplar	C
<i>oligospilus</i> Ferst. (= <i>mendicus</i> Walsh)	Hymenoptera	Tenthredinidae	willow-and-poplar sawfly	willow, poplar	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Nematus (cont'd)					
<i>pinguidorsum</i> Dyar	Hymenoptera	Tenthredinidae	birch sawfly	birch	C
<i>ribesii</i> (Scop.)	Hymenoptera	Tenthredinidae	imported currantworm	currant, gooseberry	C
<i>salicisodoratus</i> Dyar	Hymenoptera	Tenthredinidae	willow sawfly	willow, poplar	C
<i>umbratus</i> Thoms.	Hymenoptera	Tenthredinidae	alder sawfly	alder, birch	C
<i>ventralis</i> Say	Hymenoptera	Tenthredinidae	willow sawfly	willow	C
Nemoria					
<i>mimosaria</i> (Gn.)	Lepidoptera	Geometridae	flanged looper	general feeder	C
<i>rubrifrontaria</i> (Pack.)	Lepidoptera	Geometridae	redfronted emerald	alder	C
Neoclytus					
<i>acuminatus</i> (F.)	Coleoptera	Cerambycidae	redheaded ash borer	ash	C
Neodiprion					
<i>abbotii</i> (Leach)	Hymenoptera	Diprionidae	pine sawfly	jack pine, red pine	C
<i>abietis</i> complex	Hymenoptera	Diprionidae	balsam fir sawfly	balsam fir	A
<i>compar</i> (Leach)	Hymenoptera	Diprionidae	pine sawfly	jack pine, red pine	C
<i>lecontei</i> (Fitch)	Hymenoptera	Diprionidae	redheaded pine sawfly	pine	A
<i>maurus</i> Roh.	Hymenoptera	Diprionidae	pine sawfly	jack pine	C
<i>n. nanulus</i> Schedl	Hymenoptera	Diprionidae	red pine sawfly	red pine, jack pine	B
<i>nigroscutum</i> Midd.	Hymenoptera	Diprionidae	pine sawfly	jack pine	C
<i>pinetum</i> (Nort.)	Hymenoptera	Diprionidae	white pine sawfly	white pine	C
<i>pratti banksianae</i> Roh.	Hymenoptera	Diprionidae	jack pine sawfly, blackheaded jack pine sawfly	jack pine	A
<i>pratti paradoxicus</i> Ross	Hymenoptera	Diprionidae	jack pine sawfly	jack pine	A
<i>sertifer</i> (Geoff.)	Hymenoptera	Diprionidae	European pine sawfly	pine	A
<i>swainei</i> Midd.	Hymenoptera	Diprionidae	Swaine jack pine sawfly	jack pine	A
<i>virginiana</i> complex	Hymenoptera	Diprionidae	redheaded jack pine sawfly	jack pine	A
Neomysia see <i>Myzia</i>					
Neosymydobius see <i>Symydobius</i>					
Neotelphusa (see also <i>Pseudotelphusa</i> and <i>Telphusa</i>)					
<i>querciella</i> (Cham.)	Lepidoptera	Gelechiidae	oak leafroller	white oak	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Nephelodes</i> <i>minians</i> Gn. (= <i>emmedonia</i> auth.)	Lepidoptera	Noctuidae	bronzed cutworm	unknown	C
<i>Nephopterix</i> <i>basilaris</i> Zell.	Lepidoptera	Pyralidae	micro moth	willow, poplar	C
<i>carneella</i> Hlst.	Lepidoptera	Pyralidae	micro moth	willow	C
<i>subcaesiella</i> (Clem.)	Lepidoptera	Pyralidae	locust leafroller	locust	C
<i>subfuscella</i> (Rag.)	Lepidoptera	Pyralidae	striped sumac leafroller	sumac	C
<i>vetustella</i> (Dyar)	Lepidoptera	Pyralidae	basswood micro moth	basswood	C
<i>virgatella</i> (Clem.)	Lepidoptera	Pyralidae	locust micro moth	locust	C
<i>Nepticula</i> see <i>Stigmella</i> and <i>Ectoedemia</i>					
<i>Nepytia</i> <i>canosaria</i> (Wlk.)	Lepidoptera	Geometridae	false hemlock looper	coniferous	C
<i>Nerice</i> <i>bidentata</i> Wlk.	Lepidoptera	Notodontidae	prominent moth	elm	C
<i>Neuroterus</i> <i>exiguissimus</i> Bass.	Hymenoptera	Cynipidae	oak gall wasp	oak	C
<i>quercusbatatus</i> (Fitch)	Hymenoptera	Cynipidae	oak potatogall wasp	white oak	C
<i>saltarius</i> Weld.	Hymenoptera	Cynipidae	oak gall wasp	oak	C
<i>umbilicatus</i> Bass.	Hymenoptera	Cynipidae	oak gall wasp	oak	C
<i>vernus</i> Gill.	Hymenoptera	Cynipidae	oak gall wasp	oak	C
<i>Neurotoma</i> <i>fasciata</i> (Nort.)	Hymenoptera	Pamphiliidae	cherry web-spinning sawfly	cherry	C
<i>inconspicua</i> (Nort.)	Hymenoptera	Pamphiliidae	plum web-spinning sawfly	cherry	C
<i>Nites</i> <i>betulella</i> (Bsk.)	Lepidoptera	Oecophoridae	blackdotted birch leaf-tier	birch	C
<i>grotella</i> (Rob.)	Lepidoptera	Oecophoridae	hazel leaf-tier	hazel	C
<i>ostryella</i> (McD.)	Lepidoptera	Oecophoridae	ironwood leaf-tier	ironwood	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Nomius pygmaeus</i> (Dej.)	Coleoptera	Carabidae	stink beetle	predator	D
<i>Notodonta</i> (see also <i>Peridea</i>)					
<i>simplaria</i> Graef	Lepidoptera	Notodontidae	humped caterpillar	poplar, willow	C
<i>scitipennis</i> Wlk.	Lepidoptera	Notodontidae	humped caterpillar	poplar, willow	C
<i>Nycteola cinereana</i> N. & D.	Lepidoptera	Noctuidae	poplar leaftier	poplar	C
<i>frigidana</i> (Wlk.)	Lepidoptera	Noctuidae	willow leaftier	willow	C
<i>Nyctobia</i> see <i>Cladara</i>					
<i>Nygmia</i> see <i>Euproctis</i>					
<i>Nymphalis</i> (see also <i>Aglais</i>)					
<i>antiopa</i> (L.)	Lepidoptera	Nymphalidae	mourningcloak butterfly, spiny elm caterpillar	deciduous	C
<i>vau-album j-album</i> (Bdv. & LeC.)	Lepidoptera	Nymphalidae	Compton tortoiseshell	deciduous	C
<i>Oberea schaumii</i> LeC.	Coleoptera	Cerambycidae	poplar branch borer	poplar	C
<i>tripunctata</i> (Swed.)	Coleoptera	Cerambycidae	dogwood twig borer	dogwood	C
<i>Obolodiplosis robiniae</i> (Hald.)	Diptera	Cecidomyiidae	locust gall midge	locust	C
<i>Obrussa ochrefasciella</i> (Cham.)	Lepidoptera	Nepticulidae	hard maple budminer	sugar maple	C
<i>sericopeza</i> (Zell.)	Lepidoptera	Nepticulidae	Norway maple seedminer	Norway maple	C
<i>Ochropleura plecta</i> (L.)	Lepidoptera	Noctuidae	flameshouldered dart	clover	C
<i>Ocnerostoma strobivorum</i> Free.	Lepidoptera	Yponomeutidae	white pine needleminer	white pine	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Odontopus calceatus</i> (Say)	Coleoptera	Curculionidae	tuliptree leafminer	tulip tree	C
<i>Odontosis elegans</i> (Stkr.)	Lepidoptera	Notodontidae	aspen caterpillar	aspen	C
<i>Odontota dorsalis</i> (Thunb.)	Coleoptera	Chrysomelidae	locust leafminer	locust, deciduous	B
<i>Oidaematophorus</i> spp.	Lepidoptera	Pterophoridae	plume moths	ground plants	C
<i>Okanagana canadensis</i> (Prov.)	Homoptera	Cicadidae	cicada	larva in soil	C
<i>rimosa</i> (Say)	Homoptera	Cicadidae	cicada	larva in soil	C
<i>Olethreutes</i> (= <i>Exartema</i>)					
<i>appendicea</i> (Zell.)	Lepidoptera	Olethreutinae	leafroller	deciduous	C
<i>atrodentana</i> (Fern.)	Lepidoptera	Olethreutinae	oak leafroller	oak	C
<i>bipartitana</i> (Clem.)	Lepidoptera	Olethreutinae	micro moth	hazel	C
<i>cespitana</i> (Hbn.)	Lepidoptera	Olethreutinae	micro moth	aspen	C
<i>clavana</i> (Wlk.)	Lepidoptera	Olethreutinae	leafroller	elm	C
<i>connectus</i> (McD.)	Lepidoptera	Olethreutinae	dogwood leafroller	dogwood	C
<i>corylana</i> (Fern.)	Lepidoptera	Olethreutinae	leafroller	hazel	C
<i>costimaculana</i> (Fern.)	Lepidoptera	Olethreutinae	Labrador-tea micro moth	Labrador tea	C
<i>fasciatana</i> (Clem.)	Lepidoptera	Olethreutinae	leafroller	poplar, willow	C
<i>glaciana</i> (Mösch.)	Lepidoptera	Olethreutinae	micro moth	deciduous	C
<i>inornatana</i> (Clem.)	Lepidoptera	Olethreutinae	cherry leafroller	cherry	C
<i>merrickana</i> (Kft.)	Lepidoptera	Olethreutinae	ironwood leafroller	ironwood, hickory	C
<i>nigrana</i> (Heinr.)	Lepidoptera	Olethreutinae	basswood leafroller	basswood, maple	C
<i>permundana</i> (Clem.)	Lepidoptera	Olethreutinae	raspberry leafroller	raspberry	C
<i>punctana</i> (Wism.)	Lepidoptera	Olethreutinae	dogwood leafroller	dogwood	C
<i>quadrifidus</i> (Zell.)	Lepidoptera	Olethreutinae	leafroller	chokecherry	C
<i>tiliana</i> (Heinr.)	Lepidoptera	Olethreutinae	basswood leafroller	basswood	C
<i>zelleriana</i> (Fern.)	Lepidoptera	Olethreutinae	viburnum leafroller	wire birch	C
<i>Oligia illocata</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Oligocentria lignicolor</i> (Wlk.)	Lepidoptera	Notodontidae	lacecapped caterpillar	deciduous	C
<i>Oligonychus milleri</i> (McG.)	Acari	Tetranychidae	pine spider mite	pine	C
<i>ununguis</i> (Jac.)	Acari	Tetranychidae	spruce spider mite	spruce, cedar	B
<i>Oligotrophus</i> spp.	Diptera	Cecidomyiidae	gall midges, tip midges	juniper and others	C
<i>Oneida lunulalis</i> (Hlst.)	Lepidoptera	Pyralidae	micro moth	oak	C
<i>Operophtera bruceata</i> (Hlst.)	Lepidoptera	Geometridae	Bruce spanworm	sugar maple, aspen	B
<i>brumata</i> (L.)	Lepidoptera	Geometridae	winter moth	deciduous	E
<i>Ophiderma pubescens</i> (Emm.)	Homoptera	Membracidae	treehopper	deciduous	C
<i>Oreana unicolorella</i> (Hlst.)	Lepidoptera	Pyralidae	micro moth	deciduous	C
<i>Orgilus obscurator</i> (Nees)	Hymenoptera	Braconidae	parasite	parasite of European pine shoot moth	D
<i>Orgyia antiqua nova</i> Fitch	Lepidoptera	Lymantriidae	rusty tussock moth	general feeder	C
<i>leucostigma intermedia</i> Fitch	Lepidoptera	Lymantriidae	white-marked tussock moth	general feeder	C
<i>Orsodacne atra</i> (Ahr.)	Coleoptera	Chrysomelidae	leaf beetle	willow catkins	C
<i>Orthodes cynica</i> Gn.	Lepidoptera	Noctuidae	cutworm	unknown	C
<i>Ortholepis pasadamia</i> (Dyar)	Lepidoptera	Pyralidae	striped birch pyralid	birch	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Orthosia					
<i>hibisci</i> (Gn.)	Lepidoptera	Noctuidae	speckled green fruitworm	deciduous	C
<i>revicta</i> (Morr.)	Lepidoptera	Noctuidae	rusty whitesided caterpillar	deciduous	C
<i>rubescens</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
Orthosoma					
<i>brunneum</i> (Forst.)	Coleoptera	Cerambycidae	brown prionid	dead wood	C
Orthotaenia					
<i>undulana</i> (D. & S.)	Lepidoptera	Olethreutinae	leafroller	deciduous	C
Orthotomicus					
<i>caelatus</i> (Eich.)	Coleoptera	Scolytidae	bark beetle	coniferous	C
Osmoderma					
<i>eremicola</i> (Knoch)	Coleoptera	Scarabaeidae	scarab beetle	fruit trees	C
<i>scabra</i> (Beauv.)	Coleoptera	Scarabaeidae	scarab beetle	fruit trees	C
Otiorhynchus					
<i>ovatus</i> (L.)	Coleoptera	Curculionidae	strawberry rootweevil	coniferous roots	A
<i>sulcatus</i> (F.)	Coleoptera	Curculionidae	black vine weevil	general feeder	C
Oxypteris (= Melanophila)					
<i>acuminata</i> (DeG.)	Coleoptera	Buprestidae	black fire beetle	coniferous	C
Pachypappa (= Asiphum in part)					
<i>rosettei</i> (Max.)	Homoptera	Aphididae	aspen aphid	poplar	C
<i>tremulae</i> (L.)	Homoptera	Aphididae	aspen aphid	aspen	C
Pachypsylla					
<i>celtidismamma</i> (Fletcher) (= <i>celtidis-globulus</i> Riley)	Homoptera	Psyllidae	hackberry nipplegall maker	hackberry	C
Pachyrhinus (= Scythropus)					
<i>elegans</i> (Couper)	Coleoptera	Curculionidae	elegant pine weevil	pine	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Pachysphinx modesta</i> (Harr.)	Lepidoptera	Sphingidae	big poplar sphinx	deciduous	C
<i>Packardia ceanothi</i> Dyar	Lepidoptera	Limacodidae	slug caterpillar	white birch	C
<i>elegans</i> (Pack.)	Lepidoptera	Limacodidae	slug caterpillar	chestnut, beech	C
<i>Paleacrita vernata</i> (Peck)	Lepidoptera	Geometridae	spring cankerworm	elm, sugar maple	C
<i>Palpita magniferalis</i> (Wlk.)	Lepidoptera	Pyrilidae	ash leafroller	ash	C
<i>Palthis angulalis</i> (Hbn.)	Lepidoptera	Noctuidae	spruce harlequin	spruce	C
<i>Pamphilius ochreipes</i> (Cress.)	Hymenoptera	Pamphiliidae	viburnum webspinning sawfly	cranberry	C
<i>Pandemis canadana</i> Kft.	Lepidoptera	Tortricidae	green aspen leaftier	deciduous	C
<i>lamprosana</i> (Rob.)	Lepidoptera	Tortricidae	leafroller	deciduous	C
<i>limitata</i> (Rob.)	Lepidoptera	Tortricidae	threelined leafroller	deciduous	C
<i>Panopoda carneicosta</i> Gn.	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>rufimargo</i> (Hbn.)	Lepidoptera	Noctuidae	owlet moth	oak, beech	C
<i>Panthea acronyctoides</i> (Wlk.)	Lepidoptera	Noctuidae	tufted spruce caterpillar	coniferous	C
<i>furcilla</i> (Pack.)	Lepidoptera	Noctuidae	tufted white pine caterpillar	coniferous	C
<i>pallescens centralis</i> McD.	Lepidoptera	Noctuidae	tufted pine caterpillar	coniferous	C
<i>Pantographa limata</i> (G. & R.)	Lepidoptera	Pyrilidae	basswood leafroller	basswood, elm	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Paonias					
<i>excaecatus</i> (J.E. Smith)	Lepidoptera	Sphingidae	blindegged sphinx	deciduous	C
<i>myops</i> (J.E. Smith)	Lepidoptera	Sphingidae	smallegged sphinx	serviceberry	C
Papaipema					
<i>cataphracta</i> (Grt.)	Lepidoptera	Noctuidae	burdock borer	burdock	F
<i>unimoda</i> (Sm.)	Lepidoptera	Noctuidae	borer	meadow rue, coneflower	C
Papestra (see also <i>Lacanobia</i> , <i>Melanchra</i> , and <i>Polia</i>)					
<i>crisifera</i> (Wlk.)	Lepidoptera	Noctuidae	cutworm	general feeder	C
<i>quadrata ingravis</i> (Sm.)	Lepidoptera	Noctuidae	cutworm	deciduous	C
Papilio (see also <i>Battus</i> , <i>Heraclides</i> and <i>Pterourus</i>)					
<i>polyxenes asterius</i> Stoll	Lepidoptera	Papilionidae	black swallowtail, celeryworm, or parsleyworm	parsley, etc.	G
Paraclemensia					
<i>acerifoliella</i> (Fitch)	Lepidoptera	Incurvariidae	maple leafcutter	maple	B
Paradiplosis					
<i>tumifex</i> Gagné	Diptera	Cecidomyiidae	balsam gall midge	balsam fir	B
Paraleucoptera					
<i>albella</i> (Cham.)	Lepidoptera	Lyonetiidae	cottonwood leafminer	poplar	C
Parallelia					
<i>bistriaris</i> Hbn.	Lepidoptera	Noctuidae	maple caterpillar	maple, birch	C
Paralobesia see <i>Endopiza</i>					
Paraphytomyza					
<i>populicola</i> (Wlk.)	Diptera	Agromyzidae	Lombardy leafminer	poplar	C
Paraprociphilus see <i>Prociphilus</i>					
Parasemia see <i>Platarctia</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Parastichtis discivaria</i> (Wik.)	Lepidoptera	Noctuidae	owlet moth	poplar	C
<i>Parcoblatta pennsylvanica</i> (DeG.)	Orthoptera	Blattidae	Pennsylvania wood cockroach	vegetable matter	F
<i>Parectopa robiniella</i> Clem.	Lepidoptera	Gracillariidae	locust digitate leafminer	locust	C
<i>Pareophora</i> see <i>Eupareophora</i>					
<i>Parorgyia</i> see <i>Dasychira</i>					
<i>Parornix conspicuella</i> (Dietz)	Lepidoptera	Gracillariidae	birch micro moth	birch	C
<i>Parthenolecanium (= Lecanium) corni</i> (Bouché)	Homoptera	Coccidae	European fruit lecanium, brown elm scale	fruit tres	B
<i>fletcheri</i> (Ckll.)	Homoptera	Coccidae	Fletcher scale	cedar, juniper, yew	B
<i>quercifex</i> (Fitch)	Homoptera	Coccidae	oak lecanium	oak	C
<i>Patelloa pachypyga</i> (A. & W.)	Diptera	Tachinidae	parasite	parasite	D
<i>Pemphigus populicaulis</i> Fitch	Homoptera	Aphididae	poplar leaf petiolegall aphid	poplar	C
<i>populiglobuli</i> Fitch	Homoptera	Aphididae	poplar bulletgall aphid	balsam poplar	C
<i>populitransversus</i> Riley	Homoptera	Aphididae	poplar petiolegall aphid	poplar	C
<i>Pennisetia marginata</i> (Harr.)	Lepidoptera	Sesiidae	raspberry crown borer	raspberry	C
<i>Pentamerismus canadensis</i> McG.	Acari	Tenuipalpidae	false spider mite	cedar	C
<i>erythreus</i> (Ewing)	Acari	Tenuipalpidae	false spider mite	cedar, juniper	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Periclista					
<i>albicollis</i> (Nort.)	Hymenoptera	Tenthredinidae	oak sawfly	oak	C
<i>diluta</i> (Cress.)	Hymenoptera	Tenthredinidae	oak sawfly	oak	C
<i>media</i> (Nort.)	Hymenoptera	Tenthredinidae	oak sawfly	oak	C
Peridea (see also <i>Notodonta</i>)					
<i>angulosa</i> (J.E. Smith)	Lepidoptera	Notodontidae	oak caterpillar	oak	C
<i>basitriens</i> (Wlk.)	Lepidoptera	Notodontidae	redmarked caterpillar	elm	C
<i>ferruginea</i> (Pack.)	Lepidoptera	Notodontidae	birch caterpillar	birch	C
Peridroma					
<i>saucia</i> (Hbn.)	Lepidoptera	Noctuidae	variegated cutworm	nursery, field and garden plants	C
Perilampus					
<i>hyalinus</i> Say	Hymenoptera	Perilampidae	parasite	parasite	D
Periphyllus					
<i>lyropictus</i> (Kess.)	Homoptera	Aphididae	Norway maple aphid	Norway maple	B
<i>negundinis</i> (Thos.)	Homoptera	Aphididae	boxelder aphid	Manitoba maple	C
Pero					
<i>honestaria</i> (Wlk.)	Lepidoptera	Geometridae	looper	general feeder	C
<i>hubneraria</i> (Gn.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>morrisonaria</i> (Hy. Edw.)	Lepidoptera	Geometridae	looper	general feeder	C
Petrophora					
<i>subaequaria</i> (Wlk.)	Lepidoptera	Geometridae	leaping looper	chokecherry	C
Petrova					
<i>albicapitana</i> (Bsk.)	Lepidoptera	Olethreutinae	northern pitch twig moth	jack pine	C
<i>comstockiana</i> (Fern.)	Lepidoptera	Olethreutinae	pitch twig moth	pitch pine	C
<i>gemistrigulana</i> (Kft.)	Lepidoptera	Olethreutinae	pine bark moth	pine	C
<i>wenzeli</i> (Kft.)	Lepidoptera	Olethreutinae	pitch nodule moth	pine	C
Phalonia see <i>Aethes</i> and <i>Hysterosia</i>					
Phenacaspis see <i>Chionaspis</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Pheosia rimosa</i> Pack.	Lepidoptera	Notodontidae	false hornworm	poplar, willow	C
<i>Phigalia strigataria</i> (Minot)	Lepidoptera	Geometridae	looper	elm	C
<i>titea</i> (Cram.)	Lepidoptera	Geometridae	spiny looper	deciduous	C
<i>Phlegethontius</i> see <i>Manduca</i>					
<i>Phloeosinus canadensis</i> Swaine	Coleoptera	Scolytidae	northern cedar bark beetle	cedar	C
<i>Phloeotribus liminaris</i> (Harr.)	Coleoptera	Scolytidae	peach bark beetle	cherry	C
<i>piceae</i> Swaine	Coleoptera	Scolytidae	spruce bark beetle	spruce	C
<i>Phlogophora iris</i> Gn.	Lepidoptera	Noctuidae	cutworm	unknown	C
<i>periculosa</i> Gn.	Lepidoptera	Noctuidae	cutworm	general feeder	C
<i>Phlyctaenia</i> (see also <i>Nealgedonia</i>) <i>coronata tertialis</i> (Gn.)	Lepidoptera	Pyralidae	elderberry leaf-tier	elderberry	C
<i>Phobetron pithecium</i> (J.E. Smith)	Lepidoptera	Limacodidae	hagmoth	sugar maple	C
<i>Pholisora catullus</i> (F.)	Lepidoptera	Hesperiidae	common sooty wing	ground plants	F
<i>Pholus</i> see <i>Eumorpha</i>					
<i>Phragmatobia assimilians</i> Wlk.	Lepidoptera	Arctiidae	dusky red tiger moth	deciduous	C
<i>Phratora americana canadensis</i> Brown	Coleoptera	Chrysomelidae	American willow leaf beetle	willow	C
<i>frosti remissa</i> Brown	Coleoptera	Chrysomelidae	leaf beetle	willow	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Phratora</i> (cont'd)					
<i>hudsonia</i> Brown	Coleoptera	Chrysomelidae	birch leaf beetle	birch	C
<i>p. purpurea</i> Brown	Coleoptera	Chrysomelidae	aspen skeletonizer	poplar	C
<i>Phyllobius</i>					
<i>oblongus</i> (L.)	Coleoptera	Curculionidae	European snout beetle	deciduous	C
<i>Phyllocnistis</i>					
<i>populiella</i> Cham.	Lepidoptera	Gracillariidae	aspen serpentine leafminer	poplar	C
<i>vitifoliella</i> Cham.	Lepidoptera	Gracillariidae	grape serpentine leafminer	grapevine	C
<i>Phyllocolpa</i>					
<i>agama</i> (Roh.)	Hymenoptera	Tenthredinidae	willow leaffolding sawfly	willow	C
<i>bozemani</i> (Cooley)	Hymenoptera	Tenthredinidae	poplar leaffolding sawfly	poplar	C
<i>mariana</i> (Ross)	Hymenoptera	Tenthredinidae	poplar leaffolding sawfly	poplar	C
<i>popuella</i> (Ross)	Hymenoptera	Tenthredinidae	poplar edgefolding sawfly	poplar	C
<i>populi</i> (Marl.)	Hymenoptera	Tenthredinidae	poplar leafgall sawfly	poplar	C
<i>Phyllocoptes</i>					
<i>didelphis</i> Keif.	Acari	Eriophyidae	poplar felt mite	poplar	C
<i>Phyllodesma</i>					
<i>americana</i> (Harr.)	Lepidoptera	Lasciocampidae	lappet moth	deciduous	C
<i>Phyllonorycter</i>					
<i>alnicolella</i> (Wlsm.)	Lepidoptera	Gracillariidae	alder leafblotch miner	alder	C
<i>argentifimbriella</i> (Clem.)	Lepidoptera	Gracillariidae	oak leafblotch miner	oak	C
<i>basistrigella</i> (Clem.)	Lepidoptera	Gracillariidae	oak leafblotch miner	oak	C
<i>celtisella</i> (Cham.)	Lepidoptera	Gracillariidae	hackberry leafblotch miner	hackberry	C
<i>kenora</i> (Free.)	Lepidoptera	Gracillariidae	willow leafblotch miner	willow	C
<i>lucetiella</i> (Clem.)	Lepidoptera	Gracillariidae	basswood squareblotch miner	basswood	C
<i>lucidicostella</i> (Clem.)	Lepidoptera	Gracillariidae	lesser maple leafblotch miner	maple	C
<i>malimalifoliella</i> (Braun)	Lepidoptera	Gracillariidae	apple leafblotch miner	apple	C
<i>nipigon</i> (Free.)	Lepidoptera	Gracillariidae	balsam poplar leafblotch miner	balsam poplar	B
<i>ontario</i> (Free.)	Lepidoptera	Gracillariidae	aspen leafblotch miner	aspen	B
<i>ostryaefoliella</i> (Clem.)	Lepidoptera	Gracillariidae	ironwood leafblotch miner	ironwood	C
<i>propinquinella</i> (Braun)	Lepidoptera	Gracillariidae	cherry leafblotch miner	cherry	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Phyllonorycter (cont'd)					
<i>robinella</i> (Clem.)	Lepidoptera	Gracillariidae	locust leafblotch miner	locust	C
<i>salicifoliella</i> (Cham.) see also spp. <i>kenora</i> , <i>nipigon</i> , and <i>ontario</i>	Lepidoptera	Gracillariidae	leafblotch miner	willow	C
<i>tiliacella</i> (Cham.)	Lepidoptera	Gracillariidae	basswood roundblotch miner	basswood	C
Phyllophaga					
<i>anxia</i> (LeC.)	Coleoptera	Scarabaeidae	common June beetle	soil insect	B
<i>drakii</i> (Kby.)	Coleoptera	Scarabaeidae	June beetle	soil insect	B
<i>fusca</i> (Frö.)	Coleoptera	Scarabaeidae	northern June beetle	soil insect	B
<i>futilis</i> (LeC.)	Coleoptera	Scarabaeidae	lesser June beetle	soil insect	B
<i>rugosa</i> (Melsh.)	Coleoptera	Scarabaeidae	rugose June beetle	soil insect	B
Phylloxera (= Xerophylla)					
<i>caryaecaulis</i> (Fitch)	Homoptera	Adelgidae	hickory gall adelgid	hickory	C
<i>caryaeglobuli</i> (Walsh)	Homoptera	Adelgidae	globular hickory gall adelgid	hickory	C
<i>foveola</i> Perg.	Homoptera	Adelgidae	hickory buttongall adelgid	hickory	C
<i>vitifoliae</i> (Fitch)	Homoptera	Adelgidae	grape adelgid	grape, hickory	C
Physokermes					
<i>piceae</i> (Schr.)	Homoptera	Coccidae	spruce bud scale	spruce	C
Phytagromyza see <i>Paraphytomyza</i>					
Phytobia					
<i>amelanchieris</i> (Greene)	Diptera	Agromyzidae	amelanchier twig borer	amelanchier	C
<i>betulivora</i> Spencer	Diptera	Agromyzidae	birch cambium miner	birch	C
<i>pleuralis</i> (Mall.)	Diptera	Agromyzidae	catalpa leafminer	catalpa	C
<i>setosa</i> (Loew)	Diptera	Agromyzidae	red maple cambium borer	red maple	C
Phytoptella see <i>Phytoptus</i>					
Phytoptus see also <i>Eriophyes</i>					
<i>abnormis</i> Gar.	Acari	Eriophyidae	linden gall mite	basswood	C
Pieris see <i>Artogeia</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Pikonema					
<i>alaskensis</i> (Roh.)	Hymenoptera	Tenthredinidae	yellowheaded spruce sawfly	spruce	A
<i>dimmockii</i> (Cress.)	Hymenoptera	Tenthredinidae	greenheaded spruce sawfly	spruce	C
Pineus					
<i>floccus</i> (Patch)	Homoptera	Phylloxeridae (= Adelgidae)	red spruce adelgid	spruce	C
<i>rpiniifoliae</i> (Fitch)	Homoptera	Phylloxeridae	pine leaf adelgid	spruce, pine	C
<i>similis</i> (Gill.)	Homoptera	Phylloxeridae	ragged sprucegall adelgid	spruce	C
<i>strobi</i> (Htg.)	Homoptera	Phylloxeridae	pine bark adelgid	pine	B
Pissodes					
<i>affinis</i> Rand.	Coleoptera	Curculionidae	bark weevil	pine, spruce	C
<i>nemorensis</i> Germ. (= <i>approximatus</i> Hopk.)	Coleoptera	Curculionidae	northern pine weevil	pine	B
<i>rotundatus</i> LeC.	Coleoptera	Curculionidae	small spruce weevil	spruce, pine	C
<i>similis</i> Hopk.	Coleoptera	Curculionidae	balsam fir weevil	balsam fir	C
<i>striatulus</i> (F.) (= <i>dubius</i> Rand.)	Coleoptera	Curculionidae	balsam bark weevil	balsam fir, spruce	C
<i>strobi</i> (Peck)	Coleoptera	Curculionidae	white pine weevil	pine, spruce	A
Pityogenes					
<i>hopkinsi</i> Swaine	Coleoptera	Scolytidae	bark beetle	pine	C
<i>p. plagiatu</i> s (LeC.)	Coleoptera	Scolytidae	bark beetle	pine, spruce	C
Pityokteines					
<i>sparsus</i> (LeC.)	Coleoptera	Scolytidae	balsam fir bark beetle	balsam fir	C
Pityophthorus					
<i>cariniceps</i> LeC. (= <i>canadensis</i> Swaine)	Coleoptera	Scolytidae	bark beetle	coniferous	C
<i>consimilis</i> LeC.	Coleoptera	Scolytidae	bark beetle	coniferous	C
<i>lautus</i> Eich. (= <i>rhois</i> Swaine)	Coleoptera	Scolytidae	sumac bark beetle	sumac	C
<i>puberulus</i> (LeC.)	Coleoptera	Scolytidae	pith borer	sumac	C
<i>pulchellus</i> Eich.	Coleoptera	Scolytidae	pine bark borer	pine	C
<i>pulicarius</i> (Zimm.)	Coleoptera	Scolytidae	pine pith borer	pine	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Plagiodera versicolora</i> (Laich.)	Coleoptera	Chrysomelidae	imported willow leaf beetle	willow	B
<i>Plagiometriona clavata</i> (F.)	Coleoptera	Chrysomelidae	leaf beetle	basswood	C
<i>Plagodis alcoolaria</i> (Gn.)	Lepidoptera	Geometridae	birch looper	deciduous	C
<i>kuetzingi</i> (Grt.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>phlogosaria</i> (Gn.)	Lepidoptera	Geometridae	looper	deciduous	C
<i>serinaria</i> H.-S.	Lepidoptera	Geometridae	looper	deciduous	C
<i>Platarctia parthenos</i> (Harr.)	Lepidoptera	Arctiidae	St. Lawrence giant tiger moth	deciduous	C
<i>Plathypena scabra</i> (F.)	Lepidoptera	Noctuidae	green cloverworm	clover	G
<i>Platycerus marginalis</i> Casey	Coleoptera	Lucanidae	stag beetle	coniferous	C
<i>Platynota idaeusalis</i> (Wlk.)	Lepidoptera	Tortricidae	leafroller	goldenrod, deciduous	C
<i>Platynus</i> (= <i>Agonum</i>) <i>decentis</i> (Say) [= <i>sinuatus</i> (Dej.)]	Coleoptera	Carabidae	ground beetle	predator	D
<i>Platyperigea multifera</i> (Wlk.)	Lepidoptera	Noctuidae	speckled rustic	unknown	C
<i>Platyptilia</i> (= <i>Amblyptilia</i> in part) <i>pallidactyla</i> (Haw.)	Lepidoptera	Pterophoridae	plume moth	unknown	C
<i>Platypolia anceps</i> (Steph.)	Lepidoptera	Noctuidae	owlet moth	unknown	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Plemyria georgii</i> Hlst.	Lepidoptera	Geometridae	looper	deciduous	C
<i>Pleroneura brunneicornis</i> Roh. (= <i>borealis</i> Felt)	Hymenoptera	Xyelidae	balsam shootboring sawfly	balsam fir	C
<i>Plodia interpunctella</i> (Hbn.)	Lepidoptera	Pyralidae	Indian meal moth	household	G
<i>Plusia putnami</i> Grt.	Lepidoptera	Noctuidae	owlet moth	grass	C
<i>Plutella xylostella</i> (L.) [= <i>maculipennis</i> (Curt.)]	Lepidoptera	Plutellidae	diamond back moth	cabbage, etc.	G
<i>Poanes hobomok</i> (Harr.)	Lepidoptera	Hesperiidae	hobomok skipper	unknown	C
<i>Podabrus diadema</i> (F.)	Coleoptera	Cantharidae	soldier beetle	predator	D
<i>modestus</i> (Say)	Coleoptera	Cantharidae	soldier beetle	predator	D
<i>tomentosus</i> (Say)	Coleoptera	Cantharidae	soldier beetle	predator	D
<i>Podapion gallicola</i> Riley	Coleoptera	Apionidae	pine gall weevil	red pine	C
<i>Podisus maculiventris</i> (Say)	Hemiptera	Pentatomidae	spined soldier bug	predator	D
<i>modestus</i> (Dall.)	Hemiptera	Pentatomidae	stink bug	predator	D
<i>placidus</i> Uhl.	Hemiptera	Pentatomidae	stink bug	predator	D
<i>serieventris</i> Uhl.	Hemiptera	Pentatomidae	stink bug	predator	D
<i>Podosesia syringae</i> (Harr.) [= <i>fraxini</i> (Lug.)]	Lepidoptera	Sesiidae	ash borer, lilac borer	ash, lilac	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Polia</i> (see also <i>Lacanobia</i> , <i>Melanchra</i> , and <i>Papestra</i>)					
<i>detracta</i> (Wlk.)	Lepidoptera	Noctuidae	cutworm	deciduous	C
<i>imbrifera</i> (Gn.)	Lepidoptera	Noctuidae	cutworm	cherry	C
<i>latex</i> (Gn.)	Lepidoptera	Noctuidae	cutworm	birch	C
<i>nimbosa</i> (Gn.)	Lepidoptera	Noctuidae	cutworm	deciduous	C
<i>obscura</i> (Sm.)	Lepidoptera	Noctuidae	cutworm	unknown	C
<i>purpurissata</i> (Grt.)	Lepidoptera	Noctuidae	cutworm	willow	C
<i>Polites</i>					
<i>mystic</i> (Edw.)	Lepidoptera	Hesperiidae	long dash	grass	F
<i>Polydrusus</i>					
<i>impressifrons</i> (Gyll.)	Coleoptera	Curculionidae	pale green weevil	deciduous	C
<i>Polygonia</i>					
<i>comma</i> (Harr.)	Lepidoptera	Nymphalidae	hop merchant	deciduous	C
<i>faunus</i> (Edw.)	Lepidoptera	Nymphalidae	green comma	deciduous	C
<i>interrogationis</i> (F.)	Lepidoptera	Nymphalidae	question mark	deciduous	C
<i>progne</i> (Cram.)	Lepidoptera	Nymphalidae	gray comma	deciduous	C
<i>Polygraphus</i>					
<i>rufipennis</i> (Kby.)	Coleoptera	Scolytidae	four-eyed spruce bark beetle	spruce	C
<i>Pontania</i> (see also <i>Nematus</i>)					
<i>lucidae</i> Roh.	Hymenoptera	Tenthredinidae	willow gall sawfly	willow	C
<i>proxima</i> (Lep.)	Hymenoptera	Tenthredinidae	willow redgall sawfly	willow	C
<i>resinicola</i> Marl.	Hymenoptera	Tenthredinidae	willow leafgall sawfly	willow	C
<i>s-pomum</i> (Walsh) [= <i>hospes</i> (Walsh)]	Hymenoptera	Tenthredinidae	willow apple gall sawfly	willow	C
<i>Popillia</i>					
<i>japonica</i> Newm.	Coleoptera	Scarabaeidae	Japanese beetle	general feeder	C
<i>Porthetria</i> see <i>Lymantria</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Prionoxystus</i>					
<i>macmurtrei</i> (G.-M.)	Lepidoptera	Cossidae	little carpenterworm	deciduous	C
<i>robiniae</i> (Peck)	Lepidoptera	Cossidae	carpenterworm	deciduous	C
<i>Priophorus</i>					
<i>betulae</i> Roh.	Hymenoptera	Tenthredinidae	birch sawfly	birch	C
<i>infuscatus</i> (MacG.)	Hymenoptera	Tenthredinidae	willow sawfly	willow	C
<i>Pristiphora</i>					
<i>acidovalva</i> Wong	Hymenoptera	Tenthredinidae	willow sawfly	willow	C
<i>cadma</i> W. & R.	Hymenoptera	Tenthredinidae	birch sawfly	birch	C
<i>erichsonii</i> (Htg.)	Hymenoptera	Tenthredinidae	larch sawfly	larch	A
<i>geniculata</i> (Htg.)	Hymenoptera	Tenthredinidae	mountain-ash sawfly	mountain-ash	A
<i>lena</i> Kinc.	Hymenoptera	Tenthredinidae	little spruce sawfly	spruce	C
<i>micronematica</i> Malaise	Hymenoptera	Tenthredinidae	willow sawfly	willow	C
<i>Probole</i> (= <i>Hyperetis</i>)					
<i>amicaria</i> (H.-S.)	Lepidoptera	Geometridae	redcheeked looper	alder	C
<i>alienaria</i> H.-S.	Lepidoptera	Geometridae	looper	maple	C
<i>Prochoerodes</i>					
<i>transversata</i> (Drury)	Lepidoptera	Geometridae	large maple looper	deciduous	C
<i>Prociphilus</i> (= <i>Paraprocephalus</i>)					
<i>tessellatus</i> (Fitch)	Homoptera	Aphididae	woolly alder aphid	alder, maple	B
<i>Prodiplosis</i>					
<i>morrissi</i> Gagné	Diptera	Cecidomyiidae	leafcurl midge	poplar	B
<i>Profenusa</i>					
<i>canadensis</i> (Marl.)	Hymenoptera	Tenthredinidae	hawthorn leafmining sawfly	hawthorn	C
<i>lucifex</i> (Ross)	Hymenoptera	Tenthredinidae	oak leafmining sawfly	oak	B
<i>thomsoni</i> (Konow)	Hymenoptera	Tenthredinidae	ambermarked birch leafminer	birch	B
<i>Proleucoptera</i>					
<i>smilaciella</i> (Bsk.)	Lepidoptera	Lyonetiidae	greenbrier leafminer	greenbrier	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Prolimacodes badia</i> (Hbn.)	Lepidoptera	Limacodidae	slug caterpillar	deciduous	C
<i>Proserpinus flavofasciata</i> (Wlk.)	Lepidoptera	Sphingidae	yellowbanded day sphinx	ground plants	C
<i>Prosimulium mixtum</i> S. & D.	Diptera	Simuliidae	black fly	biting insect	F
<i>Protagrotis niveivenosa</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	unknown	C
<i>Proteoteras aesculana</i> Riley	Lepidoptera	Olethreutinae	maple twig borer	maple	C
<i>moffatiana</i> Fern.	Lepidoptera	Olethreutinae	maple shoot borer	maple	C
<i>willingana</i> (Kft.)	Lepidoptera	Olethreutinae	boxelder twig borer	Manitoba maple	C
<i>Protheca</i> see <i>Sculptotheca</i>					
<i>Protitame virginalis</i> (Hlst.)	Lepidoptera	Geometridae	poplar looper	deciduous	C
<i>Protoarmia porcelaria indicataria</i> (Wlk.)	Lepidoptera	Geometridae	dashlined looper	coniferous	C
<i>Protolachnus</i> see <i>Eulachnus</i>					
<i>Protolampra rufipectus</i> (Morr.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>Protorthodes oviduca</i> (Gn.)	Lepidoptera	Noctuidae	owlet moth	ground plants	F
<i>Proxenus miranda</i> (Grt.)	Lepidoptera	Noctuidae	dandelion cutworm	dandelion	F

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Pseudaletia unipuncta</i> (Haw.)	Lepidoptera	Noctuidae	armyworm	general feeder	C
<i>Pseudexentera costomaculana</i> (Clem.)	Lepidoptera	Olethreutinae	witch-hazel leafroller	witch-hazel	C
<i>ressoniana</i> (Clem.)	Lepidoptera	Olethreutinae	hickory leafroller	hickory	C
<i>mali</i> Free.	Lepidoptera	Olethreutinae	pale apple leafroller	apple	C
<i>oregonana</i> (Wlsm.)	Lepidoptera	Olethreutinae	early aspen leafcurler	poplar	A
<i>spoliana</i> (Clem.)	Lepidoptera	Olethreutinae	oak olethreutid leafroller	oak	C
<i>Pseudocheilaria walsinghami</i> Dietz	Lepidoptera	Gelechiidae	sumac micro moth	sumac	C
<i>Pseudolucanus</i> see <i>Lucanus</i>					
<i>Pseudosciaphila duplex</i> (Wlsm.)	Lepidoptera	Olethreutinae	spotted aspen leafroller	poplar	B
<i>Pseudorthodes vecors</i> (Gn.)	Lepidoptera	Noctuidae	cutworm	ground plants	F
<i>Pseudotelphusa</i> (see also <i>Telphusa</i> and <i>Neotelphusa</i>)					
<i>belangerella</i> (Cham.)	Lepidoptera	Gelechiidae	alder leafroller	alder	C
<i>Pseudothyatira cymatophoroides</i> (Gn.)	Lepidoptera	Thyatiridae	birch-and-alder caterpillar	birch, alder	C
<i>Psilocorsis cryptolechiella</i> (Cham.)	Lepidoptera	Oecophoridae	twoleaf tier	oak, others	C
[= <i>faginella</i> (Cham.)]					
<i>quercicella</i> Clem.	Lepidoptera	Oecophoridae	oak leaftier	oak, others	C
<i>reflexella</i> Clem. (= <i>fletcherella</i> Gibs.)	Lepidoptera	Oecophoridae	flat leaftier	oak, others	C
<i>Psyche casta</i> (Pallas)	Lepidoptera	Psychidae	bagworm	deciduous	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Psylla</i> (see also <i>Cacopsylla</i>) <i>floccosa</i> Patch	Homoptera	Psyllidae	false woolly alder aphid	alder	C
<i>Psyllobora</i> <i>vigintimaculata</i> (Say)	Coleoptera	Coccinellidae	lady beetle	predator	D
<i>Pterocomma</i> <i>populifoliae</i> (Fitch)	Homoptera	Aphididae	poplar aphid	poplar	C
<i>smithiae</i> (Monell)	Homoptera	Aphididae	black willow aphid	poplar, willow	C
<i>Pteronarcys</i> <i>dorsata</i> (Say)	Plecoptera	Pteronarcidae	stone fly	aquatic insect	F
<i>Pterostichus</i> <i>mutus</i> (Say)	Coleoptera	Carabidae	ground beetle	predator	D
<i>Pterourus</i> <i>g. glaucus</i> (L.)	Lepidoptera	Papilionidae	tiger swallowtail	deciduous	C
<i>glaucus canadensis</i> (R. & J.)	Lepidoptera	Papilionidae	Canadian tiger swallowtail	deciduous	C
<i>troilus</i> (L.)	Lepidoptera	Papilionidae	spicebush swallowtail	shrubs	C
<i>Ptilinus</i> <i>ruficornis</i> Say	Coleoptera	Anobiidae	deathwatch beetle	dry wood	F
<i>Pulicalvaria</i> see <i>Coleotechnites</i>					
<i>Pulvinaria</i> <i>innumerabilis</i> (Rathv.)	Homoptera	Coccidae	cottony maple scale	maple	C
<i>Pygoleptura</i> (= <i>Anoplodera</i> in part) <i>nigrella</i> (Say)	Coleoptera	Cerambycidae	longhorned beetle	unknown	C
<i>Pyractomena</i> <i>borealis</i> (Rand.)	Coleoptera	Lampyridae	firefly	predator	D
<i>Pyropyga</i> (= <i>Lucidota</i>) <i>nigricans</i> (Say)	Coleoptera	Lampyridae	firefly	predator	D

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Pyrrhalta</i> see <i>Galerucella</i> , <i>Tricholochmaea</i> and <i>Xanthogaleruca</i>					
<i>Pyrrharctia</i> (= <i>Isia</i>) <i>isabella</i> (J.E. Smith)	Lepidoptera	Arctiidae	banded woollybear	ground plants	F
<i>Pyrrhia</i> <i>exprimens</i> (Wlk.) <i>umbra</i> (Hufn.)	Lepidoptera	Noctuidae	variable caterpillar	deciduous	B
	Lepidoptera	Noctuidae	rose budworm	rose	C
<i>Raphia</i> <i>frater</i> Grt.	Lepidoptera	Noctuidae	yellowmarked caterpillar	aspen	C
<i>Resseliella</i> <i>pinifoliae</i> (Felt) spp.	Diptera	Cecidomyiidae	white pine needle midge	white pine	B
	Diptera	Cecidomyiidae	cone midges	coniferous	B
<i>Reticulitermes</i> <i>flavipes</i> (Kol.)	Isoptera	Rhinotermitidae	eastern subterranean termite	dry wood	F
<i>Rhabdophaga</i> (= <i>Dasineura</i> in part) <i>normaniana</i> Felt <i>rosacea</i> Felt <i>salicis</i> (Schr.)	Diptera	Cecidomyiidae	willow cabbagegall midge	willow	C
	Diptera	Cecidomyiidae	rosette midge	rose	C
	Diptera	Cecidomyiidae	willow twig-gall midge, basket willow gall midge	willow	C
<i>salicisbatatas</i> (O.S.) (= <i>batatas</i> Walsh)	Diptera	Cecidomyiidae	willow potatogall midge	willow	C
	Diptera	Cecidomyiidae	willow cabbagegall midge	willow	C
<i>salicisbrassicoides</i> (Pack.) <i>salicisnodulus</i> (O.S.) <i>strobiloides</i> (O.S.)	Diptera	Cecidomyiidae	willow nodulegall midge	willow	C
	Diptera	Cecidomyiidae	willow pinecone gall midge	willow	C
<i>Rhagium</i> <i>inquisitor</i> (L.)	Coleoptera	Cerambycidae	longhorned beetle	dead wood	F
<i>Rhaxonycha</i> (= <i>Cantharis</i> in part) <i>carolina</i> (F.)	Coleoptera	Cantharidae	Carolina cantharid	dead wood	D

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Rheumaptera					
<i>hastata</i> (L.)	Lepidoptera	Geometridae	spearmarked black moth	birch, alder, etc.	B
<i>subhastata</i> (Nolcken)	Lepidoptera	Geometridae	spearmarked black moth	birch, alder, etc.	C
Rhopobota					
<i>finitimana</i> (Heinr.)	Lepidoptera	Olethreutinae	micro moth	ground plants	F
Rhyacionia					
<i>adana</i> Heinr.	Lepidoptera	Olethreutinae	pine tip moth	pine	B
<i>buoliana</i> (D. & S.)	Lepidoptera	Olethreutinae	European pine shoot moth	pine	A
<i>busckana</i> Heinr.	Lepidoptera	Olethreutinae	red pine shoot borer	red, Scots pine	C
<i>granti</i> Miller	Lepidoptera	Olethreutinae	red jack pine shoot borer	jack pine, red pine	C
<i>rigidana</i> (Fern.)	Lepidoptera	Olethreutinae	pitch pine tip moth	pitch pine	E
<i>sonia</i> Miller	Lepidoptera	Olethreutinae	yellow jack pine shoot borer	jack pine	C
Rhynchaenus (see also <i>Isochnus</i> , <i>Tachyerges</i>)					
<i>pallicornis</i> (Say)	Coleoptera	Curculionidae	serviceberry flea weevil	serviceberry	C
[= <i>uniformis</i> (Brown)]					
<i>testaceus</i> (O.F. Müll.)	Coleoptera	Curculionidae	birch and alder flea weevil	birch, alder	C
[= <i>canus</i> (Horn) & <i>pallidior</i> (Leng)]					
Salebriaria					
<i>engeli</i> (Dyar)	Lepidoptera	Pyralidae	oak leaftier	oak	C
Saperda (see also <i>Mecas</i>)					
<i>calcarata</i> Say	Coleoptera	Cerambycidae	poplar borer	poplar	C
<i>c. candida</i> F.	Coleoptera	Cerambycidae	roundheaded appletree borer	apple	C
<i>obliqua</i> Say	Coleoptera	Cerambycidae	alder stem borer	alder	C
<i>populnea moesta</i> LeC.	Coleoptera	Cerambycidae	poplar gall borer	poplar	C
<i>tridentata</i> Oliv.	Coleoptera	Cerambycidae	elm borer	elm	C
<i>vestita</i> Say	Coleoptera	Cerambycidae	linden borer	basswood	C
Sarcophaga see <i>Arachnidomyia</i>					
Satyrium					
<i>calanus falacer</i> (Godt.)	Lepidoptera	Lycaenidae	banded hairstreak	oak, walnut	C
<i>caryaeavorum</i> (McD.)	Lepidoptera	Lycaenidae	hickory hairstreak	hickory	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Satyrrium</i> (cont'd)					
<i>liparops strigosum</i> (Harr.)	Lepidoptera	Lycaenidae	striped hairstreak	deciduous	C
<i>Saucrobotys</i>					
<i>futilalis</i> (Led.)	Lepidoptera	Pyralidae	dogbane micro moth	dogbane	C
<i>Schizolachnus</i>					
<i>piniradiatae</i> (Dav.)	Homoptera	Aphididae	woolly pine needle aphid	red pine	C
<i>Schizura</i>					
<i>concinna</i> (J.E. Smith)	Lepidoptera	Notodontidae	redhumped caterpillar	deciduous	C
<i>ipomoeae</i> Dbldy.	Lepidoptera	Notodontidae	oak-maple humped caterpillar	deciduous	C
<i>leptinoides</i> (Grt.)	Lepidoptera	Notodontidae	humped caterpillar	deciduous	C
<i>unicornis</i> (J.E. Smith)	Lepidoptera	Notodontidae	unicorn caterpillar	deciduous	C
[= <i>semirufescens</i> (Wlk.)]					
<i>Schreckensteinia</i>					
<i>erythriella</i> (Clem.)	Lepidoptera	Heliodinidae	sumac micro moth	sumac	C
<i>Sciaphilus</i>					
<i>asperatus</i> (Bonsd.)	Coleoptera	Curculionidae	weevil	unknown	C
<i>Scirtes</i>					
<i>orbiculatus</i> (F.)	Coleoptera	Scirtidae (= Helodidae)	marsh beetle	unknown	C
<i>tibialis</i> G.-M.	Coleoptera	Scirtidae	marsh beetle	unknown	C
<i>Scolioneura</i>					
<i>betuleti</i> Klug	Hymenoptera	Tenthredinidae	birch edgeminer	European birch	C
<i>Scoliopteryx</i>					
<i>libatrix</i> (L.)	Lepidoptera	Noctuidae	herald moth	willow	C
<i>Scolytus</i>					
<i>mali</i> (Bechst.)	Coleoptera	Scolytidae	larger shothole borer	apple, cherry, elm	C
<i>multistriatus</i> (Marsh.)	Coleoptera	Scolytidae	smaller European elm bark beetle	elm	A
<i>piceae</i> (Swaine)	Coleoptera	Scolytidae	spruce bark beetle	spruce	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Scolytus</i> (cont'd)					
<i>quadrispinosus</i> Say	Coleoptera	Scolytidae	hickory bark beetle	hickory	C
<i>rugulosus</i> (P.W.J. Müll.)	Coleoptera	Scolytidae	shothole borer	fruit trees	C
<i>Sculptotheca</i> (= <i>Protheca</i>)					
<i>puberula</i> (LeC.)	Coleoptera	Anobiidae	deathwatch beetle	dry wood	F
<i>Scythropus</i> see <i>Pachyrhinus</i>					
<i>Selenia</i>					
<i>alciphearia</i> Wlk.	Lepidoptera	Geometridae	looper	deciduous	C
<i>Semanotus</i>					
<i>ligneus</i> (F.)	Coleoptera	Cerambycidae	cedartree borer	cedar, juniper	C
<i>Semioscopis</i>					
<i>aurorella</i> Dyar	Lepidoptera	Oecophoridae	micro moth	cherry	C
<i>inornata</i> Wlsm.	Lepidoptera	Oecophoridae	poplar micro moth	poplar	C
<i>Semiothisa</i>					
<i>aemulataria</i> (Wlk.)	Lepidoptera	Geometridae	deciduous tree looper	deciduous	C
<i>banksianae</i> Fgn.	Lepidoptera	Geometridae	jack pine looper	jack pine	C
<i>bicolorata</i> (F.)	Lepidoptera	Geometridae	jack pine looper	hard pines	C
<i>bisignata</i> (Wlk.)	Lepidoptera	Geometridae	white pine looper	white pine	C
<i>fissinotata</i> (Wlk.)	Lepidoptera	Geometridae	lesser hemlock looper	hemlock	C
<i>mellistrigata</i> (Grt.)	Lepidoptera	Geometridae	willow looper	willow	C
<i>minorata</i> (Pack.)	Lepidoptera	Geometridae	white pine looper	pine	C
<i>neptaria</i> (Gn.)	Lepidoptera	Geometridae	willow-poplar looper	willow, poplar	C
<i>ocellinata</i> (Gn.)	Lepidoptera	Geometridae	locust looper	locust	C
<i>orillata</i> (Wlk.)	Lepidoptera	Geometridae	cedar looper	cedar	C
<i>oweni</i> (Swett)	Lepidoptera	Geometridae	Owen's larch looper	larch	C
<i>pinistrobata</i> Fgn.	Lepidoptera	Geometridae	white pine looper	white pine	C
<i>sexmaculata</i> (Pack.)	Lepidoptera	Geometridae	green larch looper	larch	C
<i>signaria dispuncta</i> (Wlk.)	Lepidoptera	Geometridae	spruce-fir looper	coniferous	C
<i>submarmorata</i> (Wlk.)	Lepidoptera	Geometridae	larch looper	larch	C
<i>transitaria</i> (Wlk.)	Lepidoptera	Geometridae	pine looper	jack pine, red pine	C
<i>ulsterata</i> (Pears.)	Lepidoptera	Geometridae	deciduous tree looper	deciduous	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Sereda tautana</i> (Clem.)	Lepidoptera	Olethreutinae	micro moth	oak	C
<i>Serica atracapilla</i> (Kby.)	Coleoptera	Scarabaeidae	scarab beetle	deciduous	C
<i>vespertina</i> (Gyll.)	Coleoptera	Scarabaeidae	scarab beetle	deciduous	C
<i>sericea</i> (Ill.)	Coleoptera	Scarabaeidae	scarab beetle	deciduous	C
<i>tristis</i> LeC.	Coleoptera	Scarabaeidae	small leaf chafer	deciduous	C
<i>Sericothrips tiliae</i> Hood	Thysanoptera	Thripidae	basswood thrips	basswood	C
<i>Sesia</i> (= <i>Aegeria</i>) <i>tibialis</i> (Harr.)	Lepidoptera	Sesiidae	cottonwood crown borer	poplar	C
<i>Setoptus jonesi</i> Keif.	Acari	Eriophyidae	red pine needle mite	red pine	C
<i>strobacus</i> Keif.	Acari	Eriophyidae	pine needle mite	white pine, red pine	C
<i>Sialis infumata</i> Newm.	Neuroptera	Sialidae	alderfly	aquatic insect	F
<i>Sicya macularia</i> (Harr.)	Lepidoptera	Geometridae	twopronged looper	deciduous	C
<i>Sideridis rosea</i> (Harv.)	Lepidoptera	Noctuidae	owlet moth	deciduous	C
<i>Simulium venustum</i> Say	Diptera	Simuliidae	whitestockinged black fly	biting insect	F
<i>Simyra henrici</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	ground plants	C
<i>Sinea diadema</i> (F.)	Hemiptera	Reduviidae	spined assassin bug	predator	D

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Sinoe</i>					
<i>robiniella</i> (Fitch)	Lepidoptera	Gelechiidae	locust leaf-tier	locust	C
<i>Smerinthus</i>					
<i>cerisyi</i> Kby.	Lepidoptera	Sphingidae	poplar-and-willow hornworm	poplar, willow	C
<i>jamaicensis</i> (Drury)	Lepidoptera	Sphingidae	twin-spot sphinx	willow, poplar	C
<i>Solenobia</i>					
<i>walshella</i> Clem.	Lepidoptera	Psychidae	bagworm	coniferous	C
<i>Somatochlora</i> spp.	Odonata	Libellulidae	dragonflies	predator	D
<i>Spaelotis</i>					
<i>clandestina</i> (Harr.)	Lepidoptera	Noctuidae	w-marked cutworm	general feeder	C
<i>Spargania</i>					
<i>luctuata obductata</i> (Mösch.)	Lepidoptera	Geometridae	looper	unknown	C
<i>magnoliata</i> Gn.	Lepidoptera	Geometridae	looper	white spruce	C
<i>Sparganothis</i>					
<i>acerivorana</i> Mack.	Lepidoptera	Tortricidae	maple leafroller	maple	C
<i>diluticostana</i> (Wlsm.)	Lepidoptera	Tortricidae	leafroller	unknown	C
<i>directana</i> (Wlk.)	Lepidoptera	Tortricidae	chokecherry leafroller	chokecherry	C
<i>flavibasana</i> (Fern.)	Lepidoptera	Tortricidae	leafroller	ground plants	F
<i>niveana</i> (Wlsm.)	Lepidoptera	Tortricidae	leafroller	ironwood, maple	C
<i>pettitana</i> (Rob.)	Lepidoptera	Tortricidae	maple-basswood leafroller	basswood, maple	C
<i>reticulatana</i> (Clem.)	Lepidoptera	Tortricidae	leafroller	deciduous	C
<i>sulfureana</i> (Clem.)	Lepidoptera	Tortricidae	needle-tier	general feeder	C
<i>tristriata</i> Kft.	Lepidoptera	Tortricidae	needle-tier	general feeder	C
<i>umbrana</i> B. & Bsk.	Lepidoptera	Tortricidae	needle-tier	basswood	C
<i>unifasciana</i> (Clem.)	Lepidoptera	Tortricidae	needle-tier	pine, spruce	C
<i>Speyeria</i>					
<i>aphrodite</i> (F.)	Lepidoptera	Nymphalidae	aphrodite	violets	F
<i>cybele</i> (F.)	Lepidoptera	Nymphalidae	great spangled fritillary	violets	F

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Sphinx					
<i>canadensis</i> Bdv.	Lepidoptera	Sphingidae	northern ash sphinx	ash	C
<i>chersis</i> (Hbn.)	Lepidoptera	Sphingidae	great ash sphinx	deciduous	C
<i>drupiferarum</i> J.E. Smith	Lepidoptera	Sphingidae	wild cherry sphinx	fruit trees	C
<i>gardius</i> Cram.	Lepidoptera	Sphingidae	apple sphinx	larch, apple	C
<i>kalmiae</i> J.E. Smith	Lepidoptera	Sphingidae	laurel sphinx	deciduous	C
<i>luscitiosa</i> Clem.	Lepidoptera	Sphingidae	poplar-and-willow sphinx, or Clemens' hawkmoth	poplar, willow, birch	C
Spilonota					
<i>ocellana</i> (D. & S.)	Lepidoptera	Olethreutinae	eyespotted bud moth	fruit trees, larch	C
Spilosoma (= Estigmene in part)					
<i>congrua</i> (Wlk.)	Lepidoptera	Arctiidae	woollybear	herbaceous	F
<i>dubia</i> (Wlk.) (= <i>prima</i> Slosson)	Lepidoptera	Arctiidae	woollybear	grass	F
<i>virginica</i> (F.)	Lepidoptera	Arctiidae	yellow woollybear	deciduous	C
Stenoma see Antaeotricha					
Sterictiphora					
<i>sericea</i> (Nort.)	Hymenoptera	Argidae	hawthorn sawfly	hawthorn	C
Sternochetus see Cryptorhynchus					
Sthenopis					
<i>argenteomaculatus</i> (Harr.)	Lepidoptera	Hepialidae	alder rootborer	alder	C
<i>purpurascens</i> (Pack.)	Lepidoptera	Hepialidae	rootborer	roots	C
<i>quadriguttatus</i> (Grt.)	Lepidoptera	Hepialidae	poplar-and-willow rootborer	poplar, willow	C
Stictoleptura					
<i>c. canadensis</i> (Oliv.)	Coleoptera	Cerambycidae	redshouldered pine borer	coniferous	C
Stigmella					
<i>castanaefoliella</i> (Cham.)	Lepidoptera	Nepticulidae	chestnut leafminer	chestnut	C
<i>latifasciella</i> (Cham.) [= <i>macrocarpae</i> (Free.)]	Lepidoptera	Nepticulidae	oak serpentine leafminer	oak	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Stilbosis <i>ostryaella</i> (Cham.)	Lepidoptera	Cosmopterygidae	ironwood leafminer	ironwood	C
Stilpnotia see <i>Leucoma</i>					
Strangalepta (= <i>Anoplodera</i> in part) <i>pubera</i> (Say)	Coleoptera	Cerambycidae	longhorned beetle	unknown	C
Stretchia <i>plusiaeformis</i> Hy. Edw.	Lepidoptera	Noctuidae	owlet moth	currant	F
Strobilomyia (= <i>Lasiomma</i> and <i>Hylemya</i>) <i>laricis</i> Michelsen	Diptera	Anthomyiidae	larch cone maggot	tamarack	A
<i>neanthracina</i> Michelsen (= <i>anthracina</i> auth.)	Diptera	Anthomyiidae	spruce cone maggot	spruce cones	A
<i>viaria</i> (Huckett)	Diptera	Anthomyiidae	tamarack cone maggot	tamarack	A
Strongylogaster <i>multicincta</i> Nort.	Hymenoptera	Tenthredinidae	sawfly	bracken	F
Sunira <i>bicolorago</i> (Gn.)	Lepidoptera	Noctuidae	owlet moth	ground plants, and possibly tree seeds	F
Swammerdamia <i>caesiella</i> (Hbn.)	Lepidoptera	Yponomeutidae	birch micro moth	birch	C
<i>pyrella</i> (Vill.)	Lepidoptera	Yponomeutidae	cherry micro moth	cherry	C
Symmerista <i>albifrons</i> J. E. Smith	Lepidoptera	Notodontidae	orangehumped oakworm	oak	C
<i>canicosta</i> Franc.	Lepidoptera	Notodontidae	redhumped oakworm	oak	C
<i>leucitys</i> Franc.	Lepidoptera	Notodontidae	orangehumped mapleworm	maple	C
Symydobius (= <i>Neosymydobius</i>) <i>americanus</i> Baker	Homoptera	Aphididae	dark birch aphid	birch	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Synanthedon					
<i>acerni</i> (Clem.)	Lepidoptera	Sesiidae	maple callus borer	maple	C
<i>bolteri</i> (Hy. Edw.)	Lepidoptera	Sesiidae	willow borer	willow	C
<i>exitiosa</i> (Say)	Lepidoptera	Sesiidae	peachtree borer	fruit trees	C
<i>pictipes</i> (G. & R.)	Lepidoptera	Sesiidae	lesser peachtree borer	deciduous	C
<i>pini</i> (Kell.)	Lepidoptera	Sesiidae	pitch mass borer	pine, spruce	C
<i>tipuliformis</i> (Cl.)	Lepidoptera	Sesiidae	currant borer	currant	C
<i>viburni</i> Engelh.	Lepidoptera	Sesiidae	viburnum borer	viburnum	C
Syndemis					
<i>afflictana</i> (Wlk.)	Lepidoptera	Tortricidae	micro moth	general feeder	C
Synchlora					
<i>aerata</i> (F.)	Lepidoptera	Geometridae	camouflaged looper	sweetfern, birch	F
Syneta					
<i>ferruginea</i> (Germ.)	Coleoptera	Chrysomelidae	rusty leaf beetle	deciduous	C
Syngrapha					
<i>alias</i> (Ottol.)	Lepidoptera	Noctuidae	spruce climbing cutworm	coniferous	C
<i>epigaea</i> (Grt.)	Lepidoptera	Noctuidae	blueberry false looper	blueberry	F
<i>octoscripta</i> (Grt.)	Lepidoptera	Noctuidae	false looper	unknown	C
<i>rectangula</i> (Kby.)	Lepidoptera	Noctuidae	balsam fir false looper	coniferous	C
<i>selecta</i> (Wlk.)	Lepidoptera	Noctuidae	spruce false looper	coniferous	C
Syrphus					
<i>rectus</i> O.S.	Diptera	Syrphidae	hover fly	predator	D
Tachyerges (= Rhychaenus)					
<i>ephippiatus</i> (Say)	Coleoptera	Curculionidae	poplar and willow flea weevil	poplar, willow	C
<i>salicis</i> (L.) [= <i>subhirtus</i> (Horn)]	Coleoptera	Curculionidae	poplar flea weevil	poplar	C
Tacparia					
<i>detersata</i> (Gn.)	Lepidoptera	Geometridae	leaping looper	alder	C
Taenioglyptes see <i>Cryphalus</i>					

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Taeniothrips inconsequens</i> (Uzel)	Thysanoptera	Thripidae	pear thrips	sugar maple	B
<i>Taniva</i> see <i>Endothenia</i>					
<i>Tarachidia candefacta</i> (Hbn.)	Lepidoptera	Noctuidae	ragweed false looper	ragweed	F
<i>erastrionides</i> (Gn.)	Lepidoptera	Noctuidae	ragweed false looper	ragweed	F
<i>Telamona tiliae</i> Ball	Homoptera	Membracidae	treehopper	deciduous	C
<i>tremulata</i> (Ball)	Homoptera	Membracidae	aspen treehopper	aspen	C
<i>Telphusa</i> (see also <i>Pseudotelphusa</i> and <i>Neotelphusa</i>) <i>longifasciella</i> (Clem.)	Lepidoptera	Gelechiidae	sumac micro moth	sumac	C
<i>Tethida cordigera</i> (Beauv.)	Hymenoptera	Tenthredinidae	blackheaded ash sawfly	ash	C
<i>Tetracis cachexiata</i> Gn.	Lepidoptera	Geometridae	looper	general feeder	C
<i>crocillata</i> Gn.	Lepidoptera	Geometridae	looper	willow	C
<i>Tetralopha aplastella</i> (Hlst.)	Lepidoptera	Pyralidae	aspen webworm	aspen, birch	C
<i>asperatella</i> (Clem.)	Lepidoptera	Pyralidae	maple webworm	maple	C
<i>expandens</i> (Wlk.)	Lepidoptera	Pyralidae	striped oak webworm	oak	C
<i>maritimalis</i> McD.	Lepidoptera	Pyralidae	larch webworm	larch, spruce	C
<i>militella</i> Zell.	Lepidoptera	Pyralidae	sycamore webworm	sycamore	C
<i>robustella</i> Zell.	Lepidoptera	Pyralidae	pine webworm	pine	C
<i>vacciniivora</i> Mun.	Lepidoptera	Pyralidae	blueberry webworm	blueberry	C
<i>Tetropium cinnamopterum</i> Kby.	Coleoptera	Cerambycidae	eastern larch borer	coniferous	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Tetyra <i>bipunctata</i> (H.-S.)	Hemiptera	Pentatomidae	shieldbacked pine seed bug	pine seed	C
Thanasimus <i>dubius</i> (F.)	Coleoptera	Cleridae	checkered beetle	predator	D
Thecabius <i>affinis</i> (Kltb.)	Homoptera	Aphididae	purse leaf gall aphid	poplar	C
Thecodiplosis <i>liriodendri</i> (O.S.)	Diptera	Cecidomyiidae	tulip spotgall midge	tulip, poplar	C
<i>piniresinosae</i> Kearby	Diptera	Cecidomyiidae	red pine needle midge	red pine	C
Thera <i>contractata</i> (Pack.)	Lepidoptera	Geometridae	juniper looper	juniper	C
<i>juniperata</i> (L.)	Lepidoptera	Geometridae	juniper looper	juniper	C
Thrips <i>calcaratus</i> Uzel	Thysanoptera	Thripidae	basswood thrips	basswood, bur oak	B
Thymelicus <i>lineola</i> (Ochs.)	Lepidoptera	Hesperiidae	European skipper	timothy	G
Thyridopteryx <i>ephemeraeformis</i> (Haw.)	Lepidoptera	Psychidae	bagworm	coniferous	C
Tibicen <i>canicularis</i> (Harr.)	Homoptera	Cicadidae	cicada	larva in soil	C
Tischeria <i>castanaeeella</i> Cham. (prob. not Ontario)	Lepidoptera	Tischeriidae	oak leafminer	oak	C
<i>citrinipennella</i> Clem.	Lepidoptera	Tischeriidae	oakleaf edgeminer	oak, chestnut	C
<i>malifoliella</i> Clem.	Lepidoptera	Tischeriidae	appleleaf trumpet-miner	fruit trees	C
Tiascala <i>reductella</i> (Wlk.)	Lepidoptera	Pyralidae	locust leaftier	black locust	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Tolyte					
<i>laricis</i> (Fitch)	Lepidoptera	Lasiocampidae	larch lappet moth	coniferous	C
<i>velleda</i> (Stoll)	Lepidoptera	Lasiocampidae	velleda lappet moth	deciduous	C
Tomostethus					
<i>multicinctus</i> (Roh.)	Hymenoptera	Tenthredinidae	brownheaded ash sawfly	ash	C
Tortricidia					
<i>flexuosa</i> (Grt.)	Lepidoptera	Limacodidae	slug caterpillar	oak, maple	C
<i>pallida</i> (H.-S.)	Lepidoptera	Limacodidae	slug caterpillar	beech, maple	C
Tortrix see Aphelia					
Toumeyella					
<i>parvicornis</i> (Ckll.) [= <i>numismaticum</i> (P. & M.)]	Homoptera	Coccidae	pine tortoise scale	jack pine, Scots pine	B
Trachoma see Ypsolopha					
Trachysida					
<i>mutabilis</i> (Newm.)	Coleoptera	Cerambycidae	longhorned beetle	deciduous	C
Tremex					
<i>columba</i> (L.)	Hymenoptera	Siricidae	pigeon tremex	deciduous	C
Tribolium					
<i>castaneum</i> (Hbst.)	Coleoptera	Tenebrionidae	red flour beetle	household pest	G
<i>confusum</i> Duv.	Coleoptera	Tenebrionidae	confused flour beetle	household pest	G
Trichiocampus					
<i>gregarius</i> (Dyar)	Hymenoptera	Tenthredinidae	hairy poplar sawfly	poplar	C
<i>simplicicornis</i> (Nort.) (= <i>irregularis</i> [Dyar])	Hymenoptera	Tenthredinidae	hairy willow sawfly	willow	C
<i>viminalis</i> (Fall.)	Hymenoptera	Tenthredinidae	hairy poplar sawfly	poplar, willow	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Trichiosoma triangulum</i> Kby.	Hymenoptera	Cimbicidae	giant birch sawfly	alder, ash, birch, Prunus, poplar, willow	C
<i>Trichiotinus affinis</i> (G. & P.)	Coleoptera	Scarabaeidae	scarab beetle	ground plants	F
<i>assimilis</i> (Kby.)	Coleoptera	Scarabaeidae	scarab beetle	ground plants	F
<i>Trichogramma minutum</i> Riley	Hymenoptera	Trichogrammatidae	minute egg parasite	Lepidoptera eggs	D
<i>Tricholochmaea</i> (= <i>Pyrhhalta</i>)					
<i>alni</i> (Fall)	Coleoptera	Chrysomelidae	brown alder leaf beetle	alder	C
<i>cavicollis</i> (LeC.)	Coleoptera	Chrysomelidae	cherry leaf beetle	cherry	C
<i>d. decora</i> (Say)	Coleoptera	Chrysomelidae	gray willow leaf beetle	willow	B
<i>perplexa</i> (Fall)	Coleoptera	Chrysomelidae	brown willow leaf beetle	willow	C
<i>spiraeeae</i> (Fall)	Coleoptera	Chrysomelidae	meadowsweet leaf beetle	meadow sweet	F
<i>tuberculata</i> (Say)	Coleoptera	Chrysomelidae	willow leaf beetle	willow	C
<i>Trichoplusia ni</i> (Hbn.)	Lepidoptera	Noctuidae	cabbage looper	cabbage, flowers	F
<i>Trichoptilus lobidactylus</i> (Fitch)	Lepidoptera	Pterophoridae	plume moth	goldenrod	F
<i>Trichotaphe levisella</i> Fyles	Lepidoptera	Gelechiidae	aster micro moth	aster	F
<i>setosella</i> Clem.	Lepidoptera	Gelechiidae	micro moth	cedar, pine	C
<i>Trigonarthis minnesotana</i> (Casey)	Coleoptera	Cerambycidae	Minnesota longhorned beetle	deciduous	C
<i>proxima</i> (Say)	Coleoptera	Cerambycidae	longhorned beetle	gum tree	C
<i>Trisetacus alborum</i> Keif.	Acari	Eriophyidae	white pine needle mite	white pine	C
<i>ehmanni</i> Keif.	Acari	Eriophyidae	jack pine needlesheath mite	jack pine	C
<i>grosmanni</i> Keif.	Acari	Eriophyidae	fir bud mite	balsam fir, spruce, red pine	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Trisetacus</i> (cont'd) <i>pini</i> (Nal.)	Acari	Eriophyidae	pine mite	hard pines	C
<i>Trishormomya</i> <i>canadensis</i> (Felt)	Diptera	Cecidomyiidae	Juneberry lippedgall midge	serviceberry	C
<i>crataegifolia</i> (Felt)	Diptera	Cecidomyiidae	coxcombgall midge	hawthorn	C
<i>salicisverruca</i> (O.S.)	Diptera	Cecidomyiidae	willow lippedgall midge	willow	C
<i>Trypodendron</i> <i>betulae</i> Sw.	Coleoptera	Scolytidae	birch ambrosia beetle	birch	C
<i>lineatum</i> (Oliv.)	Coleoptera	Scolytidae	striped ambrosia beetle	coniferous	C
<i>retusum</i> (LeC.)	Coleoptera	Scolytidae	poplar ambrosia beetle	poplar	C
<i>rufitarsis</i> (Kby.)	Coleoptera	Scolytidae	conifer ambrosia beetle	spruce, pine	C
<i>Tuberolachnus</i> <i>salignus</i> (Gmel.)	Homoptera	Aphididae	giant willow aphid	willow	C
<i>Typocerus</i> <i>velutinus</i> (Oliv.)	Coleoptera	Cerambycidae	longhorned beetle	dead wood	C
<i>Upis</i> <i>ceramboides</i> (L.)	Coleoptera	Tenebrionidae	roughened darkling beetle	deciduous	C
<i>Urocerus</i> <i>albicornis</i> (F.)	Hymenoptera	Siricidae	whitehorned horntail	coniferous	C
<i>gigas flavicornis</i> (F.)	Hymenoptera	Siricidae	yellowhorned horntail	coniferous	C
<i>Valentinia</i> <i>glandulella</i> (Riley)	Lepidoptera	Blastobasidae	acorn moth	oak	C
<i>Vanessa</i> (see also <i>Cynthia</i>) <i>atalanta rubria</i> (Fruhstorfer)	Lepidoptera	Nymphalidae	red admiral	nettles	F
<i>cardui</i> (L.)	Lepidoptera	Nymphalidae	painted lady	thistle	F
<i>virginiensis</i> (Drury)	Lepidoptera	Nymphalidae	painted beauty	flowers	F
<i>Vasates</i> <i>aceris-crumena</i> (Riley)	Acari	Eriophyidae	maple spindlegall mite	maple	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Vasates</i> (cont'd) <i>quadripedes</i> (Shimer)	Acari	Eriophyidae	maple bladdergall mite	maple	C
<i>Venusia</i> <i>cambrica</i> Curt.	Lepidoptera	Geometridae	alder looper	alder	C
<i>comptaria</i> (Wik.)	Lepidoptera	Geometridae	alder looper	alder	C
<i>Vespa mima</i> see <i>Synanthedon</i>					
<i>Vespula</i> <i>arenaria</i> (F.)	Hymenoptera	Vespidae	aerial yellowjacket	predator	D
<i>maculata</i> (L.)	Hymenoptera	Vespidae	baldfaced hornet, whitefaced hornet	predator	D
<i>Winnertzia</i> <i>hudsonici</i> Felt	Diptera	Cecidomyiidae	fringed cupgall midge	hawthorn	C
<i>Xanthia</i> <i>togata</i> (Esp.) [= <i>lutea</i> (Ström)]	Lepidoptera	Noctuidae	pinkbarred sawfly	deciduous	C
<i>Xanthogaleruca</i> (= <i>Pyrrhalta</i> in part) <i>luteola</i> (O.F. Müll.)	Coleoptera	Chrysomelidae	elm leaf beetle	elm	C
<i>Xanthonia</i> <i>decemnotata</i> (Say)	Coleoptera	Chrysomelidae	tenspotted leaf beetle	birch, hazel	C
<i>Xanthoteras</i> <i>quercusforticorne</i> (Walsh) [= <i>forticorne</i> (O.S.)]	Hymenoptera	Cynipidae	oak fig-gall wasp	oak	C
<i>Xanthotype</i> <i>sospeta</i> (Drury)	Lepidoptera	Geometridae	crocus geometer	deciduous	C
<i>urticaria</i> Swett	Lepidoptera	Geometridae	looper	maple	C
<i>Xenotemna</i> (= <i>Aphelia</i> in part) <i>pallorana</i> (Rob.)	Lepidoptera	Tortricidae	pine-and-clover tier	pine, clover	C

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Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Xerophylla</i> see <i>Phylloxera</i>					
<i>Xestia</i> (= <i>Amathes</i>)					
<i>adela</i> Franc. (= <i>c-nigrum</i> , part)	Lepidoptera	Noctuidae	spotted cutworm	agricultural pest	F
<i>dolosa</i> Franc. (= <i>c-nigrum</i> , part)	Lepidoptera	Noctuidae	spotted cutworm	agricultural pest	F
<i>normaniana</i> (Grt.)	Lepidoptera	Noctuidae	cutworm	plantain	C
<i>smithii</i> (Snell.)	Lepidoptera	Noctuidae	cutworm	general feeder	C
<i>Xyela</i>					
<i>minor</i> Nort.	Hymenoptera	Xyelidae	pine flower sawfly	pine flowers	C
<i>Xylena</i>					
<i>cineritia</i> (Grt.)	Lepidoptera	Noctuidae	swordgrass moth	deciduous	C
<i>curvimacula</i> (Morr.)	Lepidoptera	Noctuidae	dot-and-dash swordgrass moth	deciduous	C
<i>nupera</i> (Lint.)	Lepidoptera	Noctuidae	red swordgrass moth	deciduous	C
<i>Xylococculus</i>					
<i>betulae</i> (Perg.)	Homoptera	Coccidae	birch margarodid	birch	C
<i>Xylomyges</i> see <i>Egira</i>					
<i>Xylotrechus</i>					
<i>aceris</i> Fisher	Coleoptera	Cerambycidae	gallmaking maple borer	maple	C
<i>colonus</i> (Fab.)	Coleoptera	Cerambycidae	rustic borer	deciduous	C
<i>undulatus</i> (Say)	Coleoptera	Cerambycidae	spruce zebra beetle	coniferous	C
<i>sagittatus</i> (Germ.)	Coleoptera	Cerambycidae	wood borer	coniferous	C
<i>Yponomeuta</i>					
<i>euonymella</i> Cham. (= <i>cagnagella</i> Hbn.)	Lepidoptera	Yponomeutidae	euonymus webworm	euonymus	C
<i>multipunctella</i> Clem.	Lepidoptera	Yponomeutidae	euonymus moth	euonymus	C
<i>Ypsolopha</i> (= <i>Trachoma</i>)					
<i>falciferella</i> (Wlsm.)	Lepidoptera	Plutellidae	fruit tree leafroller	fruit trees	C
<i>dentella</i> (F.)	Lepidoptera	Plutellidae	European honeysuckle leafroller	honeysuckle	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
Zale					
<i>aeruginosa</i> (Gn.)	Lepidoptera	Noctuidae	large false looper	jack pine	C
<i>d. duplicata</i> (Beth.)	Lepidoptera	Noctuidae	pine zale	pine	C
<i>duplicata largera</i> (Sm.)	Lepidoptera	Noctuidae	pine false looper	pine	C
<i>galbanata</i> (Morr.)	Lepidoptera	Noctuidae	maple false looper	maple	C
<i>helata</i> (Sm.)	Lepidoptera	Noctuidae	white pine false looper	pine	C
<i>horrida</i> Hbn.	Lepidoptera	Noctuidae	large false looper	unknown	C
<i>lunifera</i> (Hbn.)	Lepidoptera	Noctuidae	pine false looper	pine	C
<i>metatoides</i> McD.	Lepidoptera	Noctuidae	jack pine false looper	jack pine	C
<i>m. minerea</i> (Gn.)	Lepidoptera	Noctuidae	large false looper	deciduous	C
<i>minerea norda</i> (Sm.)	Lepidoptera	Noctuidae	large false looper	deciduous	C
<i>obliqua</i> (Gn.)	Lepidoptera	Noctuidae	jack pine false looper	pine	C
<i>squamularis</i> (Drury)	Lepidoptera	Noctuidae	large false looper	pine	C
<i>submediana</i> Strand	Lepidoptera	Noctuidae	pine false looper	pine	C
<i>undularis</i> (Drury)	Lepidoptera	Noctuidae	locust false looper	locust	C
<i>unilineata</i> (Grt.)	Lepidoptera	Noctuidae	large false looper	unknown, prob. locust	C
Zanclognatha					
<i>cruralis</i> (Gn.)	Lepidoptera	Noctuidae	owlet moth	unknown	C
<i>jacchusalis</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	unknown	C
<i>laevigata</i> (Grt.)	Lepidoptera	Noctuidae	owlet moth	yellow birch	C
<i>minoralis</i> Sm.	Lepidoptera	Noctuidae	owlet moth	spruce, balsam fir	C
<i>protumnusalis</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	coniferous	C
<i>theralis</i> (Wlk.)	Lepidoptera	Noctuidae	owlet moth	unknown	C
Zaraea					
<i>americana</i> Cress.	Hymenoptera	Cimbicidae	sawfly	deciduous	C
<i>inflata</i> Nort.	Hymenoptera	Cimbicidae	honeysuckle sawfly	honeysuckle	C
Zeiraphera					
<i>canadensis</i> Mut. & Free. (= <i>ratzeburgiana</i> auth.)	Lepidoptera	Olethreutinae	spruce bud moth	spruce	B
<i>fortunana</i> (Kft.)	Lepidoptera	Olethreutinae	yellow spruce budworm	spruce	C
<i>improbana</i> (Wlk.) [= <i>diniana</i> auth. & <i>destitutana</i> (Wlk.)]	Lepidoptera	Olethreutinae	larch needleworm	larch, spruce	C
<i>unfortunana</i> Powell	Lepidoptera	Olethreutinae	purplestriped shootworm	white spruce	C

(cont'd)

Scientific name	Order	Family	Common name	Main host plant(s) or insect type	Importance rating
<i>Zelleria</i> <i>haimbachi</i> Bsk.	Lepidoptera	Yponomeutidae	pine needle sheathminer	jack pine	C
<i>Zelus</i> <i>tetracanthus</i> Stål (= <i>audax</i> Banks)	Hemiptera	Reduviidae	assassin bug	predator	D
<i>Zeugophora</i> <i>abnormis</i> (LeC.)	Coleoptera	Chrysomelidae	poplar blackmine beetle	poplar	C
<i>scutellaris</i> Suffr.	Coleoptera	Chrysomelidae	cottonwood leafmining beetle	poplar	C
<i>varians</i> Crotch	Coleoptera	Chrysomelidae	poplar blackmine beetle	poplar	C

2. AUTHOR ABBREVIATIONS

A. & W.	Aldrich & Webber	Gibs.	Gibson
Ahr.	Ahrens	Gill.	Gillette
Ashm.	Ashmead	Gir.	Giraud
B. & Bsk.	Barnes & Busck	G.-M.	Guérin-Méneville
B. & McD.	Barnes & McDunnough	Gmel.	Gmelin
Bass.	Bassett	Gn.	Guenée
Bdv.	Boisduval	Godt.	Godart
Beauv.	Palisot de Beauvois	Grt.	Grote
Bech.	Bechyné	Gyll.	Gyllenhal
Bechst.	Bechinstein	H. & B.	Hottes & Bradley
Beth.	Bethune	Hald.	Haldeman
Beut.	Beutenmüller	Harr.	Harris
Bonsd.	Bonsdorff	Harv.	Harvey
Brad.	Bradley	Hausm.	Hausmann
Bsk.	Busck	Haw.	Haworth
Buch.	Buchanan	Hbn.	Hübner
Burg.	Burgess	Hbst.	Herbst
Burm.	Burmeister	Heid.	Heidemann
Can.	Canestrini	Heinr.	Heinrich
Cast.	Castelnau Laporte	Hgtn.	Harrington
Cham.	Chambers	Hlst.	Hulst
Cholodk.	Cholodkovsky	Hodg.	Hodgkiss
Ckll.	Cockerell	Hopk.	Hopkins
Cl.	Clerck	H.-S.	Herrich-Schäffer
Clem.	Clemens	Htg.	Hartig
Comst.	Comstock	Hud.	Hudson
Coq.	Coquille	Hufn.	Hufnagel
Cram.	Cramer	Hy. Edw.	Edwards, Henry
Cress.	Cresson	Ill.	Illiger
Curt.	Curtis	Jac.	Jacobi
Cwfd.	Crawford	Johns.	Johnson
D. & S.	Denis & Schiffermüller	Jur.	Jurine
Dall.	Dallas	Kby.	Kirby
Dav.	Davidson	Keif.	Keifer
Dbly.	Doubleday	Kell.	Kellicott
DeG.	DeGeer	Kess.	Kessler
Dej.	Dejean	Kft.	Kearfott
D.T.	Dalla Torre	Kinc.	Kincaid
Dup.	Duponchel	Kltb.	Kaltenbach
Duv.	Jacquelin-Duval	Kol.	Kollar
Edw.	Edwards	L.	Linnaeus
Eich.	Eichhoff	Laich.	Laicharting
Emm.	Emmons	LeB.	LeBaron
Engelh.	Engelhardt	LeC.	LeConte
Er.	Erichson	Led.	Lederer
Esch.	Eschscholtz	Lep.	Lepeletier
Esp.	Esper	Lien.	Lienig
F.	Fabricius	Linding.	Lindinger
F. & B.	Frey & Boll	Lint.	Lintner
Fall.	Fallén	Lug.	Lugger
Fbs.	Forbes	MacG.	MacGillivray
Fern.	Fernald	MacK.	MacKay
Fgn.	Ferguson	Mall.	Malloch
Först.	Förster	Mann.	Mannerheim
Forst.	Forster, J. R.	Marc.	Marcovitch
Franc.	Franclemont	Marl.	Marlatt
Free.	Freeman	Marsh.	Marsham
Frö.	Frölich	Max.	Maxson
F.X. Wlms.	Williams, F. X.	McD.	McDunnough
G. & P.	Gory & Percheron	McG.	McGregor
Gar.	Garman	McP.	McPherson
Gabl.	Gebler	Melsh.	Melsheimer
Geoff.	Geoffroy	Meyr.	Meyrick
Germ.	Germar	Mich.	Michener
Gey.	Geyer	Midd.	Middleton

Middlek.	Middlekauff	Timb.	Timberlake
Mod.	Modeer	Tisch.	Tischbein
Morr.	Morrison	Towns.	Townsend
Mösch.	Möschler	Tr.	Treitschke
Muls.	Mulsant	Uhl.	Uhler
Mun.	Munroe	Vall.	Vallot
Murt.	Murtfeldt	Vier.	Viereck
Mut.	Mutuura	Vill.	Villers
N. & D.	Neumoegen & Dyar	Vock.	Vockeroth
N. & W.	Nicolay & Weiss	Voll.	Vollenhoven
Nal.	Nalepa	W. & R.	Wong & Ross
Newm.	Newman	W. & S.	Wilkinson & Scoble
Nort.	Norton	Web.	Weber
Notm.	Notman	Westw.	Westwood
O. & D.	Osborn & Drake	Wied.	Wiedemann
Obr.	Obraztsov	Wils.	Wilson
Ochs.	Ochsenheimer	Wlk.	Walker
Oestl.	Oestlund	Wlsm.	Walsingham
O.F. Müll.	Müller, Otto F.	Zell.	Zeller
Oliv.	Olivier	Zett.	Zetterstedt
O.S.	Osten Sacken	Ziegl.	Ziegler
Ottol.	Ottolengui	Zimm.	Zimmerman
P. & M.	Pettit & McDaniel		
P. & T.	Pepper & Tissot		
Pack.	Packard		
Palm.	Palmer		
Panz.	Panzer		
Park.	Parker		
Parsh.	Parshley		
Payk.	Paykull		
Pears.	Pearsall		
Perg.	Pergande		
Prov.	Provancher		
P.W.J. Müll.	Müller, P. W. J.		
R. & J.	Rothschild & Jordan		
Rag.	Ragonot		
Rand.	Randall		
Rathv.	Rathvon		
Ratz.	Ratzeburg		
Rich.	Richards		
Rob.	Robinson		
Roh.	Rohwer		
Rott.	Rottemburg		
S. & D.	Syme & Davies		
Schaeff.	Schaeffer		
Schn.	Schneider		
Schönh.	Schönherr		
Schr.	Schrank		
Schw.	Schwarz		
Scop.	Scopoli		
Scudd.	Scudder		
Sm.	Smith, J. 3.		
Snell.	Snellen		
Steph.	Stephens		
Stkr.	Strecker		
Suffr.	Suffrian		
Sund.	Sundevall		
Sw.	Swaine		
Swed.	Swederus		
Tausch.	Tauscher		
T.A. Wlms.	Williams, T. A.		
Tayl.	Taylor		
Thoms.	Thomson		
Thos.	Thomas		
Thunb.	Thunberg		

3. SELECTED BIBLIOGRAPHY

SELECTED BIBLIOGRAPHY

- Arnett, R.H. Jr. 1963. The beetles of the United States (A manual for identification). The Catholic Univ. of Amer. Press, Washington, DC. 1,112 p.
- Baker, W.L. 1972. Eastern forest insects. USDA For. Serv., Washington, DC. Misc. Publ. No. 1175. 642 p.
- Belton, E.M., ed. and comp. 1985. English common names of insects and other pests. Insect Common Names Committee, Ent. Soc. Can., Waterloo, ON. 100 p.
- Benoit, P., ed. and comp. 1985. Nomenclatura insectorum canadensium: noms d'insectes au Canada. Service canadien des forêts, Centre de recherches forêts des Laurentides, Ste. Foy, PQ. 299 p.
- Benoit, P., ed. and comp. 1986. Nomenclatura insectorum canadensium: noms d'insectes au Canada: supplementum. Service canadien des forêts, Centre de recherches forêts des Laurentides, Ste. Foy, PQ. 114 p.
- Borror, D.J.; DeLong, D.M.; Triplehorn, C.A. 1976. An introduction to the study of insects. 4th ed. Holt, Rinehart and Winston, Toronto, ON. 852. p.
- Bousquet, Y. 1991. Checklist of beetles of Canada and Alaska. Agriculture Canada, Research Branch, Ottawa, ON. Publication 1861/E. 430 p.
- Bright, D.E. Jr. 1976. The insects and arachnids of Canada, Part 2. The bark beetles of Canada and Alaska. Can. Dep. Agric., Biosystematics Res. Institute, Ottawa, ON. 241p.
- Covell, C.V. Jr. 1984. A field guide to the moths of eastern North America. Houghton Mifflin Co., Boston, MA. 496 p.
- Dillon, E.S.; Dillon, L.S. 1961. A manual of common beetles of eastern North America. Row, Peterson and Co., Evanston, IL. 884 p.
- Drooze, A.T. 1985. Insects of eastern forests. USDA For. Serv., Washington, DC. Misc. Publ. No. 1426. 608 p.
- Eastop, V.F.; Hille Ris Lambers, D. 1976. Survey of the world's aphids. Dr. W. Junk b.v. Publishers, The Hague, Netherlands. 573. p.
- Edwards, J., comp. 1994. Forest insect and disease survey insect catalogue. Vol 1: alphabetical list. Can. For. Serv., Petawawa, ON. 317 p.
- Eichlin, T.D.; Duckworth, W.D. 1988. Sesioidea: Sesiidae. *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 5.1. The Wedge Entomological Research Foundation, Washington, DC. 176 p.
- Felt, E.P. 1940. Plant galls and gall makers. Comstock Publ. Co. Inc., Ithaca, NY. 364 p.
- Ferguson, D.C. 1971–1972. Bombycoidea: Saturniidae. *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 20.2A and 20.2B. E.W. Classey Ltd. and R.B.D. Publications Inc., London, UK. 277 p. + color plates.
- Ferguson, D.C. 1978. Noctuoidea (part): Lymantriidae. *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 22.2. E.W. Classey Ltd. and The Wedge Entomological Research Foundation, London, UK. 110 p. + color plates.
- Ferguson, D.C. 1985. Geometroidea: Geometridae (part). *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 18.1. The Wedge Entomological Research Foundation, Washington, DC. 131 p. + color plates.
- Forbes, W.T.M. 1923. The Lepidoptera of New York and neighboring states. Cornell Univ. Agric. Exp. Stn., Ithaca, NY. Mem. 68. 729 p.
- Forbes, W.T.M. 1948. Lepidoptera of New York and neighboring states, Part II. Cornell Univ. Agric. Exp. Stn., Ithaca, NY. Mem. 274. 263 p.
- Forbes, W.T.M. 1954. Lepidoptera of New York and neighboring states, Part III. Cornell Univ. Agric. Exp. Stn., Ithaca, NY. Mem. 329. 433 p.
- Forbes, W.T.M. 1960. Lepidoptera of New York and neighboring states, Part IV. Cornell Univ. Agric. Exp. Stn., Ithaca, NY. Mem. 371. 188 p.
- Franclemont, J.G. 1973. Mimallonoidea; Bombycoidea (part). *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 20.1. E.W. Classey Ltd. and R.B.D. Publications Inc., London, UK. 86 p. + color plates.
- Hedlin, A.F.; Yates, H.O. III; Tovar, D.C.; Ebel, B.H.; Koerber, T.W.; Merkel, E.P. 1980. Cone and seed insects of North American conifers. Dep. Environ., Can. For. Serv., Ottawa, ON. 122 p.
- Hodges, R.W. 1971. Sphingoidea. *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 21. E.W. Classey Ltd. and R.B.D. Publications Inc., London, UK. 158 p. + color plates.
- Hodges, R.W. 1974. Gelechioidea: Oecophoridae (part). *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 6.2. E.W. Classey Ltd. and R.B.D. Publications Inc., London, UK. 142 p. + color plates.

- Hodges, R.W. 1978. Gelechioidea (in part): Cosmopterigidae. *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 6.1. E.W. Classey Ltd. and The Wedge Entomological Research Foundation, London, UK. 166 p. + color plates.
- Hodges, R.W. 1986. Gelechioidea: Gelechiidae (in part). *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 7.1. The Wedge Entomological Research Foundation, Washington, DC. 195 p.
- Hodges, R.W.; Dominick, T.; Davis, D.R.; Ferguson, D.C.; Franclemont, J.G.; Munroe, E.G.; Powell, J.A., eds. 1983. Checklist of the lepidoptera of America north of Mexico including Greenland. E.W. Classey Ltd. and The Wedge Entomological Research Foundation, London, UK. 284 p.
- Holland, W.J. 1968. The moth book. Dover Publ. Inc., New York, NY. 479 p.
- Howe, W.H., ed. 1975. The butterflies of North America. Doubleday and Co. Inc., Garden City, NY. 633 p.
- Keifer, H.H.; Baker, E.W.; Kono, T.; Delfinado, M.; Styer, W.E. 1982. An illustrated guide to plant abnormalities caused by eriophyid mites in North America. USDA, Agricultural Research Service, Washington, DC. Agriculture Handbook No. 573. 178 p.
- Klots, A.B. 1951. A field guide to the butterflies of North America, east of the Great Plains. Houghton Mifflin Co., Boston, MA. 349 p.
- Krombein, K.V.; Hurd, P.D. Jr.; Smith, D.R.; Burks, B.D. 1979. Catalog of hymenoptera in America north of Mexico. Smithsonian Inst. Press, Washington, DC. 3 vol. 2,735 p.
- Lafontaine, J.D. 1987. Noctuoidea: Noctuidae (part). *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 27.2. The Wedge Entomological Foundation, Washington, DC. 237 p.
- Lafontaine, J.D.; Poole, R.W. 1991. Noctuoidea: Noctuidae (part). *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 25.1. The Wedge Entomological Research Foundation, Washington, DC. 182 p.
- Leng, C.W. 1920. Catalogue of the coleoptera of America, north of Mexico. The Cosmos Press, Cambridge, MA. 470 p.
- Lutz, F.E. 1935. Field book of insects. G.P. Putman's Sons, New York, NY. 510 p.
- McAlpine, J.F.; Peterson, B.V.; Shewell, G.E.; Teskey, H.J.; Vockeroth, J.R.; Wood, D.M. 1981. Manual of nearctic diptera, Vol. 1. Agriculture Canada, Research Branch, Ottawa, ON. Monograph No.27. 674 p.
- McAlpine, J.F.; Peterson, B.V.; Shewell, G.E.; Teskey, H.J.; Vockeroth, J.R.; Wood, D.M. 1987. Manual of nearctic diptera, Vol. 2. Agriculture Canada, Research Branch, Ottawa, ON. Monograph No.28. 658 p.
- McAlpine, J.F.; Wood, D.M. 1989. Manual of nearctic diptera, Vol. 3. Agriculture Canada, Research Branch, Ottawa, ON. Monograph No.32. 249 p.
- McGugan, B.M., comp. 1958. Forest lepidoptera of Canada, Vol. 1. Dep. Agric., For. Biol. Div., Ottawa, ON. Publ. 1034. 76 p.
- Munroe, E. 1972–1973. Pyraloidea (part): Pyralidae. *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 13.1A, 13.1B and 13.1C. E.W. Classey Ltd. and R.B.D. Publications Inc., London, UK. 304 p. + color plates.
- Munroe, E. 1976. Pyraloidea (part): Pyralidae. *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 13.2A and 13.2B. E.W. Classey Ltd. and The Wedge Entomological Research Foundation, London, UK. 150 p. + color plates.
- Neunzig, H.H. 1986. Pyraloidea: Pyralidae (part): Phycitinae (Part—Acrobasis and allies). *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 15.2. The Wedge Entomological Research Foundation, Washington, DC. 113 p.
- Neunzig, H.H. 1990. Pyraloidea: Pyralidae (part): Phycitinae (part). *in* R.B. Dominick et al. The moths of America north of Mexico, fasc. 15.3. The Wedge Entomological Research Foundation, Washington, DC. 165 p.
- O'Brien, C.W.; Wibmer, C.J. 1982. Annotated checklist of the weevils (Curculionidae sensu lato) of North America, Central America and the West Indies (Coleoptera: Curculionidae). Mem. Am. Ent. Inst., Ann Arbor, MI. No. 34. 382 p.
- Prentice, R.M., comp. 1962. Forest lepidoptera of Canada, Vol. 2. Gov't of Can., Dep. For., Ottawa, ON. Bull. 128. p. 77–281.
- Prentice, R.M., comp. 1963. Forest lepidoptera of Canada, Vol. 3. Gov't of Can., Dep. For., Ottawa, ON. Publ. 1013. p. 282–543.
- Prentice, R.M., comp. 1965. Forest lepidoptera of Canada, Vol. 4. Gov't of Can., Dep. For., Ottawa, ON. Publ. 1142. p. 544–840.

- Rose, A.H.; Lindquist, O.H. 1980. Insects of eastern larch, cedar and juniper. Dep. Environ., Can. For. Serv., Ottawa, ON. For. Tech. Rep. 28. 100 p.
- Rose, A.H.; Lindquist, O.H. 1982. Insects of eastern hardwood trees. Dep. Environ., Can. For. Serv., Ottawa, ON. For. Tech. Rep. 29. 304 p.
- Rose, A.H.; Lindquist, O.H. 1984. Insects of eastern pines. 2nd ed. Dep. Environ., Can. For. Serv., Ottawa, ON. Publ. 1313. 127 p.
- Rose, A.H.; Lindquist, O.H. 1985. Insects of eastern spruces, fir and hemlock. 2nd ed. Dep. Environ., Can. For. Serv., Ottawa, ON. For. Tech. Rep. 23. 159 p.
- Stone, A.; Sabrosky, C.W.; Wirth, W.W.; Foote, R.H.; Coulson, J.R. 1965. A catalog of the diptera of America north of Mexico. USDA, Washington, DC. Agriculture Handbook No. 276. 1696 p.
- Titus, F.A.; Meikle, O.A.; Harrison, K.J. 1985. Scientific and common names of insects and mites of interest in the Maritime Provinces. Gov't of Can., Can. For. Serv., Fredericton, NB. Inf. Rep. M-X-155. 130 p.
- Werner, F.G., chairman. 1982. Common names of insects and related organisms 1982. Ent. Soc. Am., College Park, MD. 132 p.

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alder budgall midge	38	aphid, witch-hazel conegall	56	balsam fir tipminer	17
alder budminer	44	aphid, witch-hazel gall	53	balsam fir weevil	85
alder caterpillar	64	aphid, woolly alder	89	balsam gall midge	79
alder catkin moth	44	aphid, woolly apple	45	balsam gall midge, introduced false	38
alder daggermoth	7	aphid, woolly elm	45	balsam poplar leaf beetle	29
alder flea beetle	10	aphid, woolly hawthorn	45	balsam poplar leafblotch miner	83
alderfly	97	aphid, woolly pine needle	95	balsam poplar petiole miner	42
alder lace bug	34	aphid, yellow birch	46	balsam shootboring sawfly	87
alder leaf beetle	22, 29	aphrodite	98	balsam twig aphid	70
alder leaf beetle, brown	105	apple-and-thorn skeletonizer	28	balsam woolly adelgid	8
alder leaf beetle, russet	22	apple aphid	15	banasa stink bug	19
alder leafblotch miner	83	apple aphid, woolly	45	banded ash looper, transverse	57
alder leaffolder	13	apple leafblotch miner	83	banded hairstreak	94
alder leafminer	23	apple leafroller, pale	91	banded jack pine needleminer	32
alder leafminer, European	50	appleleaf trumpet-miner	103	banded looper, transverse	57
alder leafroller	6, 44, 91	apple sphinx	99	banded woollybear	93
alder leaf-tier	53, 71	appletree borer, flatheaded	29	bark adelgid, pine	85
alder looper	48, 57, 107	appletree borer, roundheaded	94	bark beetle	35, 36, 41, 57, 59, 65, 77, 85
alder rootborer	99	appleworm, lesser	53	bark beetle, balsam fir	85
alder sawfly	71, 72	arborvitae leafminer	17	bark beetle, birch	41
alder sawfly, striped	54	arctiid moth	56	bark beetle, four-eyed spruce	88
alder sawfly, woolly	45	argid, willow	17	bark beetle, hickory	29, 96
alder spittlebug	31	argus tortoise beetle	27	bark beetle, native elm	57
alder stem borer	94	army cutworm, black	8	bark beetle, northern cedar	82
alder tubemaker	7	armyworm	91	bark beetle, peach	82
alfalfa caterpillar	33	armyworm, garden	66	bark beetle, smaller European elm	95
ambermarked birch leafminer	89	ash borer	87	bark beetle, spruce	82, 95
ambrosia beetle, birch	106	ash borer, redheaded	72	bark beetle, sumac	85
ambrosia beetle, conifer	106	ash flowergall mite	5	bark borer, linden	52
ambrosia beetle, pitted	34	ashgray blister beetle	44	bark borer, pine	85
ambrosia beetle, poplar	106	ash leafroller	78	bark miner, white pine	67
ambrosia beetle, striped	106	ash looper, transverse banded	57	bark moth, pine	81
amelanchier twig borer	84	ash midribgall midge	34	bark weevil	57, 85
American aspen beetle	52	ash sawfly, blackheaded	102	bark weevil, balsam	85
American copper	65	ash sawfly, brownheaded	104	bark weevil, black elm	66
American daggermoth	7	ash sawfly, spiny	47	basket willow gall midge	93
American willow leaf beetle	82	ash sphinx, great	99	basswood casebearer	32
ant, black carpenter	24	ash sphinx, northern	99	basswood caterpillar	43
ant, boreal carpenter	24	aspen aphid	77	basswood lace bug	51
ant, red and black carpenter	24	aspen beetle, American	52	basswood leaf beetle	22
aphid, apple	15	aspen caterpillar	75	basswood leafminer	19
aphid, aspen	77	aspen caterpillar, blackcheeked	59	basswood leafroller	75, 78
aphid, balsam fir	30	aspen caterpillar, lined black	42	basswood micro moth	73
aphid, balsam twig	70	aspen flea beetle, tiny	35	basswood owl moth	20
aphid, beech blight	50	aspen leaf beetle	29	basswood roundblotch miner	84
aphid, birch	26	aspen leaf mite	5	basswood seed moth	59
aphid, black cherry	71	aspen leafblotch miner	83	basswood squareblotch miner	83
aphid, black larch	30	aspen leafcurier, early	91	basswood thrips	97, 103
aphid, black willow	92	aspen leafroller	44	beaked gall midge, willow	67
aphid, boxelder	81	aspen leafroller, darkheaded	12	bearer, filament	71
aphid, dark birch	100	aspen leafroller, green	16	beautiful wood nymph	46
aphid, elm cockscomb gall	33	aspen leafroller, paleheaded	12	beauty, oak	71
aphid, elm pouchgall	61	aspen leafroller, spotted	91	beauty, painted	106
aphid, European birch	46	aspen leaf-tier, green	78	bedstraw sphinx	57
aphid, false woolly alder	92	aspen leaf-tier, small	6	beech blight aphid	50
aphid, giant willow	106	aspen leaf-tier, yellowheaded	44	beech caterpillar	38
aphid, green spruce	30	aspen looper, twolined	64	beech scale	36
aphid, jack pine	30	aspen petiole miner	42		
aphid, jack pine needle	30	aspen serpentine leafminer	83		

beetle	10	beetle, lesser June	84	birch budgall mite	5
beetle, alder flea	10	beetle, little brown click	9	birch cambium miner	84
beetle, alder leaf	22, 29	beetle, lodgepole pine	39	birch casebearer	32
beetle, American aspen	52	beetle, longhorned	6, 12, 22, 34, 49, 52, 60, 62, 69, 92, 93, 100, 104, 105, 106	birch casebearer, lesser	32
beetle, American willow leaf	82			birch caterpillar	81
beetle, argus tortoise	27			birch caterpillar, masked	41
beetle, ashgray blister	44			birch caterpillar, warty	41
beetle, aspen leaf	29			birch catkin bug	61
beetle, balsam fir bark	85			birch catkin moth	45
beetle, balsam poplar leaf	29	beetle, marsh	95	birch catkin weevil	16
beetle, bark	35, 36, 41, 57, 59, 65, 77, 85	beetle, meadowsweet leaf	105	birch daggermoth	7
		beetle, metallic	18	birch edgeminer	95
beetle, basswood leaf	22	beetle, milkweed leaf	61	birch ermine moth	17
beetle, birch ambrosia	106	beetle, Minnesota longhorned	105	birch lace bug	34
beetle, birch bark	41	beetle, mottled longhorned	15	birch leaf beetle	22, 83
beetle, birch leaf	22, 83	beetle, native elm bark	57	birch leaf edgeminer, early	69
beetle, black fire	77	beetle, netwinged	40	birch leaf blotch miner	23
beetle, blister	69	beetle, ninespotted lady	31	birchleaf edgeminer, late	55
beetle, brown alder leaf	105	beetle, northern cedar bark	82	birch leaf folder, blackheaded	6
beetle, brown willow leaf	105	beetle, northern June	84	birch leaf miner	50
beetle, bumble flower	47	beetle, peach bark	82	birch leaf miner, ambermarked	89
beetle, buttercup oil	69	beetle, pill	37	birch leaf miner, small	42
beetle, checkered	103	beetle, pine lady	70	birch leafroller	6, 23, 50
beetle, cherry leaf	105	beetle, pitted ambrosia	34	birch leafroller, solitary	6
beetle, claycolored leaf	14	beetle, pitted longhorned	18	birch leaf tier, blackdotted	73
beetle, click	9, 11, 36, 38, 63, 68	beetle, poplar ambrosia	106	birch looper	57, 86
		beetle, poplar blackmine	110	birch margarodid	108
beetle, comblawed	13, 57, 58, 60	beetle, poplar flea	10	birch micro moth	80, 100
		beetle, red flour	104	birch psyllid	22
beetle, common June	84	beetle, red pine cone	33	birch pyralid, striped	76
beetle, confused flour	104	beetle, red turpentine	39	birch sawfly	17, 72, 89
beetle, conifer ambrosia	106	beetle, rose flea	10	birch sawfly, dusky	35
beetle, convergent lady	55	beetle, roughened darkling	106	birch sawfly, fringed	40
beetle, cottonwood leaf	29	beetle, rugose June	84	birch sawfly, giant	105
beetle, cottonwood leafmining	110	beetle, russet alder leaf	22	birch shootworm	45
beetle, dark blister	44	beetle, rusty leaf	101	birch skeletonizer	21
beetle, deathwatch	92, 96	beetle, sap	51	birch tubemaker	6
beetle, dogbane	29	beetle, Say blister	65	birch "witches'-broom" mite	26
beetle, dogwood flea	10	beetle, scarab	15, 47, 51, 56, 77, 97, 105	black army cutworm	8
beetle, dogwood leaf	22			black aspen caterpillar, lined	42
beetle, eastern larch	39	beetle, sevenspotted lady	31	blackberry leafminer	69
beetle, elevenspotted lady	32	beetle, smaller European elm bark	95	blackberry looper	28
beetle, elm flea	10, 11	beetle, soldier	87	black carpenter ant	24
beetle, elm leaf	107	beetle, spotted willow leaf	29	blackcheeked aspen caterpillar	59
beetle, European snout	83	beetle, spruce	39	black cherry aphid	71
beetle, eyespotted lady	12	beetle, spruce bark	82, 95	black cutworm	10
beetle, false flower	37	beetle, spruce zebra	108	blackdotted birch leaf tier	73
beetle, false leptura	26	beetle, stag	65, 86	black elm bark weevil	66
beetle, fiftenspotted lady	12	beetle, stink	74	black fire beetle	77
beetle, flower	66	beetle, striped ambrosia	106	black fly	90
beetle, four eyed spruce bark	88	beetle, striped willow leaf	41	black fly, whitestockinged	97
beetle, four spotted sap	51	beetle, sumac bark	85	blackheaded ash sawfly	102
beetle, fourteenspotted lady	23	beetle, sumac leaf	20	blackheaded birch leaf folder	6
beetle, furniture	14	beetle, tenspotted leaf	107	blackheaded budworm, eastern	6
beetle, goldsmith	35	beetle, thirteenspotted lady	55	blackheaded jack pine sawfly	72
beetle, grape flea	10	beetle, threebanded lady	32	black larch aphid	30
beetle, gray willow leaf	105	beetle, threespotted click	36	black locust seed weevil	16
beetle, green click	36	beetle, tiger	30	blackmine beetle, poplar	110
beetle, green longhorned	15	beetle, tiny aspen flea	35	black moth, spearmarked	94
beetle, green tortoise	25	beetle, transverse lady	31	black pine needle aphid, spotted	47
beetle, ground	11, 23, 86, 92	beetle, twicestabbed lady	27	black spruce tipminer	17
		beetle, twospotted click	36	black swallowtail	79
beetle, hairy leaf	52	beetle, twospotted lady	8	black vine weevil	77
beetle, hazel leaf	22	beetle, waterlily leaf	51	black willow aphid	92
beetle, hickory bark	29, 96	beetle, white pine cone	33	bladder gall mite, maple	107
beetle, hister	37	beetle, willow-and-poplar leaf	29	blind eyed sphinx	79
beetle, imported willow leaf	86	beetle, willow flea	10	blister beetle	69
beetle, jack pine tip	33	beetle, willow leaf	22, 52, 105	blister beetle, ashgray	44
beetle, Japanese	88	big poplar sphinx	78	blister beetle, dark	44
beetle, June	84	birch ambrosia beetle	106	blister beetle, Say	65
beetle, lady	21, 31, 32, 37, 39, 55, 58, 70, 71, 92	birch-and-alder caterpillar	91	blister mite, pear leaf	45
		birch-and-alder flea weevil	94	blossom gall wasp, woolly	22
beetle, larder	39	birch-and-alder leaf tier	20	blueberry false looper	101
beetle, large-eyed click	10	birch aphid	26	blueberry leaf tier	6
beetle, leaf	19, 21, 36, 39, 51, 76, 82, 86	birch aphid, dark	100	blueberry underwing	25
		birch aphid, European	46	blueberry webworm	102
beetle, leafmining	21	birch aphid, yellow	46	bollworm	54
		birch-aspen leafroller	45	boreal carpenter ant	24
		birch bark beetle	41	borer	79
		birch borer, bronze	9	borer, alder stem	94
				borer, amelanchier twig	84

borer-and-tier, shoot	6	bristly cutworm	61	callus borer, maple	101
borer, ash	87	brokenbanded leafroller	28	cambium borer, red maple	84
borer, boxelder twig	90	bronze birch borer	9	cambium miner, birch	84
borer, bronze birch	9	bronze poplar borer	9	camouflaged looper	101
borer, bronze poplar	9	bronzed cutworm	73	Canadian tiger swallowtail	92
borer, burdock	79	brown alder leaf beetle	105	candle moth, pine	50
borer, cedartree	96	brown cedar leafminer	33	cane borer, rednecked	9
borer, cherry shoot	17	brown click beetle, little	9	canckenworm, fall	10
borer, cottonwood crown	97	brown damselfly	23	canckenworm, spring	78
borer, cottonwood twig	53	brown elm scale	80	cantharid, Carolina	93
borer, currant	101	brownheaded ash sawfly	104	cantharid, twolined	13
borer, dogwood twig	74	brown hemlock needleminer	33	Carolina cantharid	93
borer, eastern larch	102	brown looper, early	48	carpenter ant, black	24
borer, eastern pine shoot	46	brown pine looper	24	carpenter ant, boreal	24
borer, elm	94	brown prionid	77	carpenter ant, red and black	24
borer, flatheaded	9	browntail moth	48	carpenterworm	89
borer, flatheaded appletree	29	brown willow leaf beetle	105	carpenterworm, little	89
borer, flatheaded conifer	40	Bruce spanworm	76	carpet, dark marbled	41
borer, flatheaded hardwood	40	Bruce spanworm, false	60	casebearer, basswood	32
borer, flatheaded pine	27	bud-and-shoot borer, hickory	7	casebearer, birch	32
borer, flatheaded poplar	40	budgall midge, alder	38	casebearer, cherry	32
borer, flatheaded wood	9, 14, 21, 29	budgall midge, boxelder	34	casebearer, elm	32
		budgall mite, birch	5	casebearer, fruittree	32
borer, gallmaking maple	108	budgall mite, poplar	5	casebearer, ironwood	32
borer, hickory bud-and-shoot	7	budgall wasp, ribbed	22	casebearer, larch	32
borer, hickory shoot	6	bud midge, spruce	36	casebearer, lesser birch	32
borer, hickory twig	14	budminer, alder	44	casebearer, oak	32
borer, larger shothole	95	budminer, hard maple	74	casebearer, pecan cigar	32
borer, leafstem	6	bud mite, fir	105	casebearer, pecan leaf	7
borer, lesser peachtree	101	bud moth, eyespotted	99	casebearer, pistol	32
borer, lilac	87	bud moth, pine	50	casebearer, sweetfern	7
borer, linden	94	bud moth, spruce	109	catalpa leafminer	84
borer, linden bark	52	bud scale, spruce	84	catalpa sphinx	27
borer, locust	67	budworm, eastern blackheaded	6	caterpillar, alder	64
borer, locust twig	42	budworm, eastern spruce	28	caterpillar, alfalfa	33
borer, longhorned pine	71	budworm, honeysuckle	56	caterpillar, aspen	75
borer, longhorned wood	70, 71	budworm, jack pine	28	caterpillar, basswood	43
borer, maple callus	101	budworm, rose	93	caterpillar, beech	38
borer, maple petiole	25	budworm, yellow spruce	109	caterpillar, birch	81
borer, maple shoot	90	bug, alder lace	34	caterpillar, birch-and-alder	91
borer, maple twig	90	bug, assassin	5, 110	caterpillar, blackcheeked aspen	59
borer, painted hickory	67	bug, banana stink	19	caterpillar, chameleon	14
borer, peachtree	101	bug, basswood lace	51	caterpillar, cherry leafcane	23
borer, pine bark	85	bug, birch catkin	61	caterpillar, dogwood	46
borer, pine pith	85	bug, birch lace	34	caterpillar, eastern tent	66
borer, pitch mass	101	bug, boxelder	20	caterpillar, fireweed	11
borer, pith	85	bug, dusky stink	49	caterpillar, forest tent	66
borer, poplar	94	bug, elm lace	34	caterpillar, forktailed	27, 51
borer, poplar-and-willow	36	bug, fourhumped stink	21	caterpillar, hardwood	66
borer, poplar branch	74	bug, hawthorn lace	34	caterpillar, humped	74, 95
borer, poplar gall	67, 94	bug, mottled stink	43	caterpillar, lacecapped	76
borer, raspberry crown	80	bug, oak lace	34	caterpillar, lichen	65
borer, red jack pine shoot	94	bug, plant	32	caterpillar, lined black aspen	42
borer, red maple cambium	84	bug, poplar lace	34	caterpillar, locust	47
borer, red pine cone	46	bug, redcrossed stink	42	caterpillar, maple	79
borer, red pine shoot	94	bug, shieldbacked pine seed	103	caterpillar, masked birch	41
borer, redheaded ash	72	bug, small milkweed	65	caterpillar, masked hairy	27
borer, rednecked cane	9	bug, spined assassin	97	caterpillar, northern tent	66
borer, redshouldered pine	99	bug, spined soldier	87	caterpillar, oak	38, 67, 81
borer, roundheaded appletree	94	bug, stink	15, 28, 49, 87	caterpillar, oak-maple humped	95
borer, rustic	108			caterpillar, paddle	7
borer, shothole	96	bug, sycamore lace	34	caterpillar, poplar	51
borer, sugar maple	52	bug, twospotted stink	34	caterpillar, prairie tent	66
borer, twolined chestnut	9	bug, walnut lace	34	caterpillar, rearhumped	12
borer, viburnum	101	bug, willow lace	34	caterpillar, redhumped	95
borer, white pine cone	46	bulletgall aphid, poplar	80	caterpillar, redlined conifer	50
borer, willow	101	bumble flower beetle	47	caterpillar, redmarked	81
borer, willow gall limb	9	buprestid, ventrally spotted	21	caterpillar, rusty whitesided	77
borer, wood	108	buprestid, Virginian	27	caterpillar, saltmarsh	45
borer, yellow jack pine shoot	94	burdock borer	79	caterpillar, slug	16, 59, 63, 78, 90, 104
boxelder aphid	81	buttercup oil beetle	69		
boxelder budgall midge	34	butterfly, hackberry	18	caterpillar, spiny elm	74
boxelder bug	20	butterfly, monarch	38	caterpillar, spiny slug	46
boxelder leafgall midge	34	butterfly, mourningcloak	74	caterpillar, striped	38
boxelder leafroller	23	butternut curculio	33	caterpillar, striped garden	61
boxelder leafroller, larger	16	butternut sawfly, woolly	45	caterpillar, sumac	67
boxelder leafworm	28	buttongall adelgid, hickory	84	caterpillar, tufted pine	78
boxelder psyllid	22	cabbage looper	105	caterpillar, tufted spruce	78
boxelder twig borer	90	cabbageworm, imported	93	caterpillar, tufted white pine	78
branch borer, poplar	74	calligrapha, elm	18	caterpillar, ugiynest	16
Brisis underwing	25		22	caterpillar, unicorn	95

caterpillar, variable	93	cockscombgall aphid, elm	33	cutworm, darksided	49
caterpillar, variable oakleaf	64	collar weevil, Couper's	57	cutworm, dingy	50
caterpillar, walnut	39	collar weevil, pine root	57	cutworm, flax	61
caterpillar, warty birch	41	collar weevil, Warren's root	57	cutworm, glassy	35
caterpillar, witch-hazel	38	columbian silkmoth	56	cutworm, goldenrod	37
caterpillar, yellowlined	71	combclawed beetle	13, 57,	cutworm, gray spruce	14
caterpillar, yellowmarked	93		58, 60	cutworm, pinkbacked	61
caterpillar, yellownecked	39	comma, gray	88	cutworm, redbacked	49
caterpillar, zebra	68	comma, green	88	cutworm, spotted	108
catkin bug, birch	61	common green lacewing	29	cutworm, spruce climbing	101
catkin moth, alder	44	common June beetle	84	cutworm, striped	49
catkin moth, birch	45	common malaria mosquito	14	cutworm, variegated	81
catkin moth, poplar	12	common sooty wing	82	cutworm, w-marked	98
catkin weevil, birch	16	Compton tortoiseshell	74	cutworm, white	49
catocaline dart	35	cone axis midge, spruce	61	cutworm, yellowheaded	15
cecropia moth	56	cone beetle, red pine	33	daggermoth	12, 19
cedar bark beetle, northern	82	cone beetle, white pine	33	daggermoth, alder	7
cedar leafminer	17	cone borer, red pine	46	daggermoth, American	7
cedar leafminer, brown	33	cone borer, white pine	46	daggermoth, birch	7
cedar looper	96	conegall aphid, witch-hazel	56	daggermoth, cherry	7
cedar sawfly	70	cone gall midge, spruce	61	daggermoth, cottonwood	7
cedartree borer	96	cone geometer, spruce	47	daggermoth, elm	8
celery looper	12	cone looper, spruce	48	daggermoth, forked	7
celeryworm	79	cone maggot, larch	100	daggermoth, fragile	7
chafer, green rose	40	cone maggot, spruce	100	daggermoth, gray	7
chafer, leaf	40	cone maggot, tamarack	100	daggermoth, maple	8
chafer, rose	66	cone midge	93	daggermoth, oak	7
chafer, small leaf	97	cone moth	19	daggermoth, ochre	7
chainspotted geometer	31	cone moth, spruce	16	daggermoth, plum	7
chalcid, balsam fir seed	68	coneworm, fir	40	daggermoth, poplar	7
chalcid, larch seed	68	coneworm, spruce	40	daggermoth, sad	8
chalcid parasite	38	coneworm, webbing	40	daggermoth, smeared	7
chalcid, spruce seed	68	confused flour beetle	104	daggermoth, willow	7
chameleon caterpillar	14	conifer ambrosia beetle	106	damselly, brown	23
checkered beetle	103	conifer borer, flatheaded	40	dandelion cutworm	90
checkerspot, silvery	27	conifer caterpillar, redlined	50	dark birch aphid	100
cherry casebearer	32	conifer looper	47	dark blister beetle	44
cherry daggermoth	7	conifer looper, diamond backed	58	darkheaded aspen leafroller	12
cherry leaf beetle	105	conifer looper, yellowlined	31	darkling beetle, roughened	106
cherry leafblotch miner	83	conifer micro moth	54, 56	dark marbled carpet	41
cherry leafcone caterpillar	23	convergent lady beetle	55	darksided cutworm	49
cherry leaffolder	13	Cooley spruce gall adelgid	8	darling underwing	25
cherry leafroller	75	copper, American	65	dart, catocaline	35
cherry micro moth	100	corn earworm	54	dart, flameshouldered	74
cherry sawfly	54	cotton leafworm	10	dart, smaller pinkish	40
cherry scalloped shell moth	57	cottonwood crown borer	97	dash, long	88
cherry shoot borer	17	cottonwood daggermoth	7	dashlined looper	90
cherry spanworm	47	cottonwood leaf beetle	29	dataña, spotted	39
cherry webspinning sawfly	73	cottonwood leafminer	79	day sphinx, yellowbanded	90
cherryworm, climbing	35	cottonwood leafmining beetle	110	deathwatch beetle	92, 96
chestnut borer, twolined	9	cottonwood twig borer	53	deciduous tree looper	96
chestnut leafminer	99	cottony maple scale	92	deer fly	29
chestnut sawfly	35	Couper's collar weevil	57	diamond back moth	87
chokecherry leaf midge	71	coxcomb gall midge	106	diamond backed conifer looper	58
chokecherry leafroller	98	crambus, vagabond	9	digitate leafminer, locust	80
chokecherry midge	34	cranberry cutworm	59	dingy cutworm	50
cicada	75, 103	cranberry girdler	30	dogbane beetle	29
cigar casebearer, pecan	32	cranberry spanworm	13, 43	dogbane micro moth	95
claycolored leaf beetle	14	crocus geometer	107	dogwood caterpillar	46
clearwing hawkmoth	54	crown borer, cottonwood	97	dogwood flea beetle	10
clearwing, hummingbird	54	crown borer, raspberry	80	dogwood leaf beetle	22
clearwing, snowberry	54	ctenucha, Virginian	36	dogwood leafminer	15
clearwinged grasshopper	24	cupgall midge, fringed	107	dogwood leafroller	6, 23,
Clemens' hawkmoth	99	curculio, butternut	33		44, 75
click beetle	9, 11, 36,	curculio, plum	33	dogwood sawfly	65
	38, 63, 68	currant borer	101	dogwood scale	28
click beetle, green	36	currant spanworm	60	dogwood spittlebug	31
click beetle, large-eyed	10	currant stem girdler	60	dogwood twig borer	74
click beetle, little brown	9	currantworm, imported	72	dot-and-dash swordgrass moth	108
click beetle, threespotted	36	cutworm	10, 47, 48,	dragonfly	8, 98
click beetle, twospotted	36		52, 54, 61,	dreamy dusky wing	45
climbing cherryworm	35		68, 76, 79,	duskyback leafroller	16
climbing cutworm, spruce	101		82, 88, 91,	dusky birch sawfly	35
clouded sulphur	33		108	dusky red tiger moth	82
clover leaf weevil	58	cutworm, aster	36, 37	dusky stink bug	49
clover looper	22	cutworm, black	10	dusky wing, dreamy	45
cloverworm, green	86	cutworm, black army	8	dusky wing, Juvenal's	45
clustered willow gall midge	67	cutworm, bristly	61	early aspen leafcurlier	91
coarsewriting engraver	59	cutworm, bronzed	73	early birch leaf edgeminer	69
cockroach, German	20	cutworm, cranberry	59	early brown looper	48
cockroach, Pennsylvania wood	80	cutworm, dandelion	90	earwig, European	50

earworm, corn	54	false balsam gall midge, introduced	38	footman, pale	35
eastern blackheaded budworm	6	false Bruce spanworm	60	forester, eightspotted	11
eastern larch beetle	39	false flower beetle	37	forest looper, greenstriped	68
eastern larch borer	102	false hemlock looper	73	forest tent caterpillar	66
eastern pine seedworm	37	false hornworm	82	forked daggermoth	7
eastern pine shoot borer	46	false leptura beetle	26	forktailed caterpillar	27, 51
eastern spruce budworm	28	false looper	39, 101	foureyed spruce bark beetle	88
eastern spruce gall adelgid	8	false looper, balsam fir	101	fourhumped stink bug	21
eastern subterranean termite	93	false looper, blueberry	101	fourlined leafroller	17
eastern tent caterpillar	66	false looper, jack pine	109	fourspotted sap beetle	51
edgefolding sawfly, poplar	83	false looper, large	109	fourteenspotted lady beetle	23
edgeminer, birch	95	false looper, locust	109	fragile daggermoth	7
edgeminer, early birch leaf	69	false looper, maple	109	fringed birch sawfly	40
edgeminer, late birchleaf	55	false looper, pine	109	fringed cupgall midge	107
edgeminer, oakleaf	103	false looper, ragweed	102	fringed looper	24
egg parasite, minute	105	false looper, spruce	101	fritillary, great spangled	98
eightspotted forester	11	false looper, white pine	109	fritillary, variegated	48
elderberry leafier	82	false owl moth	49, 53	fruit lecanium, European	80
elegant pine weevil	77	false spider mite	80	fruit tree leafroller	108
eleven-spotted lady beetle	32	false webworm, pine	5	fruittree casebearer	32
elfin, pine	59	false woolly alder aphid	92	fruittree leafroller	16
elm agromyzid leafminer	10	felt mite, poplar	83	fruitworm, green	63
elm aphid, woolly	45	fiery hunter	23	fruitworm, ironwood	53
elm bark beetle, native	57	fifteenspotted lady beetle	12	fruitworm, speckled green	77
elm bark beetle, smaller European	95	fig-gall wasp, oak	107	fruitworm, tomato	54
elm bark weevil, black	66	filament bearer	71	fungus scale, white pine	67
elm borer	94	filbertworm	68	furniture beetle	14
elm calligrapha	22	fir bud mite	105	gall adelgid, Cooley spruce	8
elm casebearer	32	fir coneworm	40	gall adelgid, eastern spruce	8
elm caterpillar, spiny	74	fir harlequin	42	gall adelgid, globular hickory	84
elm cockscomb gall aphid	33	fir needle inchworm	48	gall adelgid, hickory	84
elm daggermoth	8	fire beetle, black	77	gall adelgid, pale spruce	8
elm flea beetle	10, 11	firefly	43, 65, 92	gall adelgid, ragged spruce	85
elm lace bug	34	fireweed caterpillar	11	gall adelgid, spruce	8
elm leaf beetle	107	fireworm, yellowheaded	6	gall adelgid, purple leaf	103
elm leafblotch miner	24	flameshouldered dart	74	gall aphid, witch-hazel	53
elm leafroller	13	flanged looper	72	gall borer, poplar	67, 94
elm leafgall mite	5	flatheaded apple tree borer	29	gall limb borer, willow	9
elm leafminer	50	flatheaded borer	9	gallmaking maple borer	108
elm leaf tier	24	flatheaded conifer borer	40	gall midge	76
elm midge	60	flatheaded hardwood borer	40	gall midge, balsam	79
elm pouchgall aphid	61	flatheaded pine borer	27	gall midge, basket willow	93
elm prominent	64	flatheaded poplar borer	40	gall midge, clustered willow	67
elm sawfly	30	flatheaded wood borer	9, 14, 21, 29	gall midge, introduced false balsam	38
elm scale, brown	80	flat leaf tier	91	gall midge, locust	74
elm scale, European	52	flax cutworm	61	gall midge, ocellate	5
elm scurly scale	28	flea beetle, alder	10	gall midge, spruce	67
elm spanworm	43	flea beetle, dogwood	10	gall midge, spruce cone	61
elm sphinx	26	flea beetle, elm	10, 11	gall midge, willow	38
emerald, redfronted	72	flea beetle, grape	10	gall midge, willow beaked	67
engraver, coarsewriting	59	flea beetle, poplar	10	gall midge, willow pinecone	93
engraver, northern	59	flea beetle, rose	10	gall mite, linden	84
engraver, northern spruce	59	flea beetle, tiny aspen	35	gall mite, Manitoba maple	5
engraver, pine	59	flea beetle, willow	10	gall mite, poplar	5
engraver, southern pine	59	flea weevil, birch-and-alder	94	gall mite, velvet	5
ermine moth, birch	17	flea weevil, poplar	101	gall sawfly, willow	88
euonymus moth	108	flea weevil, poplar and willow	101	gall sawfly, willow apple	88
euonymus webworm	108	flea weevil, serviceberry	94	gall wasp	6, 13
European alder leafminer	50	flea weevil, willow	60	gall wasp, gouty oak	22
European birch aphid	46	Fletcher scale	80	gall wasp, horned oak	22
European earwig	50	flour beetle, confused	104	gall wasp, large oakapple	12
European elm bark beetle, smaller	95	flour beetle, red	104	gall wasp, mossy rose	41
European elm scale	52	flour moth, Mediterranean	12	gall wasp, oak	22, 41, 73
European fruit lecanium	80	flower beetle	66	gall wasp, small oakapple	13
European honeysuckle leafroller	108	flower beetle, bumble	47	gall wasp, spongy oakapple	12
European leafminer	69	flower beetle, false	37	gall weevil, pine	87
European leafroller	17	flowergall mite, ash	5	garden armyworm	66
European mantid	67	flower sawfly, pine	108	garden caterpillar, striped	61
European pine needle midge	33	flower thrips, slash pine	52	geometer, chainspotted	31
European pine sawfly	72	fly, black	90	geometer, crocus	107
European pine shoot moth	94	fly, deer	29	geometer, notchwing	43
European privet sawfly	66	fly, house	70	geometer, spruce cone	47
European skipper	103	fly, hover	101	German cockroach	20
European snout beetle	83	fly, March	20	ghost moth, graceful	54
European spruce needleminer	44	fly, moose	56	giant birch sawfly	105
European spruce sawfly	51	fly, parasitic	20	giant tiger moth, St. Lawrence	86
eyespot bud moth	99	fly, poplar twig-gall	55	giant waterbug	62
eyespot lady beetle	12	fly, stone	92	giant willow aphid	106
fall cankerworm	10	fly, whitestocking black	97	girdler, cranberry	30
fall spruce needle moth	17	fly, whitestocking black	97	girdler, currant stem	60
fall webworm	58	footman, gray	35	glassy cutworm	35

globular hickory gall adelgid	84	hazel leaf beetle	22	jack pine sawfly, Swaine	72
goat sawfly	56	hazel leaf-tier	73	jack pine shoot borer, red	94
golden oak scale	18	hemlock looper	61	jack pine shoot borer, yellow	94
goldenrod cutworm	37	hemlock looper, false	73	jack pine tip beetle	33
goldsmith beetle	35	hemlock looper, lesser	96	jack pine tube moth	17
gouty oak gall wasp	22	hemlock needleminer, brown	33	Japanese beetle	88
gouty vein midge	38	hemlock needleminer, green	32	joker	50
graceful ghost moth	54	hemlock scale	5	June beetle	84
grape adelgid*	84	herald moth	95	June beetle, common	84
grape flea beetle	10	hickory bark beetle	29, 96	June beetle, lesser	84
grape-geometer, green	41	hickory borer, painted	67	June beetle, northern	84
grape leaf-roller	39	hickory bud-and-shoot borer	7	June beetle, rugose	84
grape plume moth	51	hickory buttongall adelgid	84	Juneberry lippedgall midge	106
grape serpentine leafminer	83	hickory gall adelgid	84	Juneberry veingall midge	31
grapevine looper	47	hickory gall adelgid, globular	84	juniper leafminer	17
grasshopper, clearwinged	24	hickory hairstreak	94	juniper leafminer, red	17
graybanded leafroller	17	hickory leafblotch miner	24	juniper looper	48, 103
grayblue underwing	25	hickory leafroller	17, 91	juniper needleminer	33
gray comma	88	hickory sawfly	68	juniper sawfly	70
gray daggermoth	7	hickory shoot borer	6	juniper scale	25
gray footman	35	hickory shuckworm	37	juniper webworm	40
gray spruce cutworm	14	hickory tussock moth	64	juniper webworm, pale	9
gray spruce looper	24	hickory twig borer	14	Juvenal's dusky wing	45
gray willow leaf beetle	105	hickory twig pruner	13	Labrador-tea micro moth	75
great ash sphinx	99	hickory underwing	25	lace bug, alder	34
great leopard moth	42	hickory webworm	16	lace bug, basswood	51
great spangled fritillary	98	hister beetle	37	lace bug, birch	34
great tiger moth	17	hitched mamestra	68	lace bug, elm	34
green aspen leafroller	16	hobomok skipper	87	lace bug, hawthorn	34
green aspen leaf-tier	78	hollyhock weevil	16	lace bug, oak	34
greenbrier leafminer	89	honey locust podgall midge	38	lace bug, poplar	34
green click beetle	36	honeysuckle budworm	56	lace bug, sycamore	34
green cloverworm	86	honeysuckle leafroller, European	108	lace bug, walnut	34
green comma	88	honeysuckle sawfly	109	lace bug, willow	34
green fruitworm	63	hop merchant	88	lacecapped caterpillar	76
green fruitworm, speckled	77	horned oak gall wasp	22	lacewing, common green	29
green grape-geometer	41	hornet, baldfaced	107	lady beetle	21, 31, 32, 37, 39, 55, 58, 70, 71, 92
greenheaded spruce sawfly	85	hornet, whitefaced	107	lady beetle, convergent	55
green hemlock needleminer	32	horntail, whitehorned	106	lady beetle, elevenspotted	32
green lacewing, common	29	horntail, yellowhorned	106	lady beetle, eyespotted	12
green larch looper	96	hornworm, false	82	lady beetle, fiftenspotted	12
green longhorned beetle	15	hornworm, poplar-and-willow	98	lady beetle, fourteenspotted	23
green looper, striped	68	hornworm, tobacco	66	lady beetle, ninespotted	31
green notodontid, pale	51	hornworm, tomato	66	lady beetle, pine	70
green rose chafer	40	house fly	70	lady beetle, sevenspotted	31
green spruce aphid	30	house mosquito, northern	37	lady beetle, thirteenspotted	55
greenstriped forest looper	68	hover fly	101	lady beetle, threebanded	32
greenstriped mapleworm	41	hummingbird clearwing	54	lady beetle, transverse	31
green tortoise beetle	25	humped caterpillar	74, 95	lady beetle, twicestabbed	27
green weevil, pale	88	humped caterpillar, oak-maple	95	lady beetle, twospotted	8
gregarious oak leafminer	24	hunter, fiery	23	lady, painted	106
ground beetle	11, 23, 86, 92	ilia underwing	25	lappet moth	83
		imperial moth, pine	42	lappet moth, larch	104
gypsy moth	65	imported cabbageworm	18	lappet moth, vellea	104
hackberry butterfly	18	imported currantworm	72	larch aphid	30
hackberry leafblotch miner	83	imported willow leaf beetle	86	larch aphid, black	30
hackberry midge	26	inchworm, fir needle	48	larch beetle, eastern	39
hackberry nipplegall maker	77	Indian meal moth	87	larch borer, eastern	102
hagmoth	82	Indian skipper	55	larch casebearer	32
hairstreak, banded	94	introduced false balsam gall midge	38	larch cone maggot	100
hairstreak, hickory	94	introduced pine sawfly	41	larch lappet moth	104
hairstreak, striped	95	io moth	19	larch looper	96
hairy caterpillar, masked	27	ironwood casebearer	32	larch looper, green	96
hairy leaf beetle	52	ironwood fruitworm	53	larch looper, Owen's	96
hairy poplar sawfly	104	ironwood leafblotch miner	24, 29, 83	larch needleworm	109
hairy willow sawfly	104	ironwood leafminer	100	larch sawfly	89
haploa, LeConte's	53	ironwood leafroller	75	larch sawfly, onelined	14
haploa, Lyman's	53	ironwood leaf-tier	73	larch sawfly, threelined	14
hard maple budminer	74	ironwood leaf-tier	7	larch seed chalcid	68
hardwood borer, flatheaded	40	ironwood tubemaker	30	larch shoot moth	17
hardwood caterpillar	66	jack pine aphid	28	larch silkworm	56
hardwood tussock moth	38	jack pine budworm	109	larch tubemaker, orange	33
harlequin, fir	42	jack pine false looper	96	larch webworm	102
harlequin, spruce	78	jack pine looper	26	larder beetle	39
harvester	50	jack pine midge	30	large aspen tortrix	28
hawkmoth, clearwing	54	jack pine needle aphid	32	large-eyed click beetle	10
hawkmoth, Clemens'	99	jack pine needleminer, banded	105	large false looper	109
hawthorn aphid, woolly	45	jack pine needlesheath mite	26	large maple looper	89
hawthorn lace bug	34	jack pine resin midge	72		
hawthorn leafmining sawfly	89	jack pine sawfly	72		
hawthorn sawfly	99	jack pine sawfly, blackheaded	72		
		jack pine sawfly, redheaded	72		

large oakapple gall wasp	12	leafgall sawfly, poplar	83	leafroller, lesser maple	6
larger boxelder leafroller	16	leafgall sawfly, willow	88	leafroller, locust	73
larger shothole borer	95	leafgall wasp, oak	22	leafroller, maple	23, 98
late birchleaf edgeminer	55	leafhopper	53, 59	leafroller, maple-basswood	98
laurel sphinx	99	leafhopper, potato	43	leafroller, oak	17, 72, 75
leaf adelgid, pine	85	leaf midge, chokecherry	71	leafroller, oak olethreutid	91
leaf beetle	19, 21, 36, 39, 51, 76, 82, 86	leaf midge, soft maple	38	leafroller, obliquebanded	28
leaf beetle, alder	22, 29	leafminer	60	leafroller, omnivorous	17
leaf beetle, American willow	82	leafminer, alder	23	leafroller, pale apple	91
leaf beetle, aspen	29	leafminer, ambermarked birch	89	leafroller, paleheaded aspen	12
leaf beetle, balsam poplar	29	leafminer, arborvitae	17	leafroller, poplar	50
leaf beetle, basswood	22	leafminer, aspen serpentine	83	leafroller, poplar-willow	23
leaf beetle, birch	22, 83	leafminer, basswood	19	leafroller, raspberry	75
leaf beetle, brown alder	105	leafminer, birch	50	leafroller, redbanded	17
leaf beetle, brown willow	105	leafminer, blackberry	69	leafroller, rose	54
leaf beetle, cherry	105	leafminer, brown cedar	33	leafroller, sassafras	23
leaf beetle, claycolored	14	leafminer, catalpa	84	leafroller, solitary birch	6
leaf beetle, cottonwood	29	leafminer, cedar	17	leafroller, spotted aspen	91
leaf beetle, dogwood	22	leafminer, chestnut	99	leafroller, spring oak	28
leaf beetle, elm	107	leafminer, cottonwood	79	leafroller, striped sumac	73
leaf beetle, gray willow	105	leafminer, dogwood	15	leafroller, sumac	45
leaf beetle, hairy	52	leafminer, elm	50	leafroller, threelined	78
leaf beetle, hazel	22	leafminer, elm agromyzid	10	leafroller, viburnum	75
leaf beetle, imported willow	86	leafminer, European	69	leafroller, white triangle	31
leaf beetle, meadowsweet	105	leafminer, European alder	50	leafroller, willow	44, 53
leaf beetle, milkweed	61	leafminer, grape serpentine	83	leafroller, willow-and-poplar	53
leaf beetle, russet alder	22	leafminer, greenbrier	89	leafroller, witch-hazel	91
leaf beetle, rusty	101	leafminer, gregarious oak	24	leafrolling weevil	18
leaf beetle, spotted willow	29	leafminer, ironwood	100	leaf shredder, oak	6
leaf beetle, striped willow	41	leafminer, juniper	17	leafstem borer	6
leaf beetle, sumac	20	leafminer, leatherwood	62	leaf-tier, alder	53, 71
leaf beetle, tenspotted	107	leafminer, lilac	52	leaf-tier, birch-and-alder	20
leaf beetle, waterlily	51	leafminer, locust	75	leaf-tier, blackdotted birch	73
leaf beetle, willow	22, 52, 105	leafminer, locust digitate	80	leaf-tier, blueberry	6
leaf beetle, willow-and-poplar	29	leafminer, Lombardy	79	leaf-tier, elderberry	82
leaf blister mite, pear	45	leafminer, mock orange	10	leaf-tier, elm	24
leafblotch miner	84	leafminer moth	7	leaf-tier, flat	91
leafblotch miner, alder	83	leafminer, oak	103	leaf-tier, green aspen	78
leafblotch miner, apple	83	leafminer, oak serpentine	99	leaf-tier, hazel	73
leafblotch miner, aspen	83	leafminer, privet	23	leaf-tier, ironwood	73
leafblotch miner, balsam poplar	83	leafminer, red juniper	17	leaf-tier, locust	98, 103
leafblotch miner, birch	23	leafminer, small birch	42	leaf-tier, oak	91, 94
leafblotch miner, cherry	83	leafminer, solitary oak	24	leaf-tier, poplar	31, 74
leafblotch miner, elm	24	leafminer, tuliptree	75	leaf-tier, rusty-lined	31
leafblotch miner, hackberry	83	leafminer, tupelo	15	leaf-tier, small aspen	6
leafblotch miner, hickory	24	leafminer, willow	70	leaf-tier, spirea	49
leafblotch miner, ironwood	24, 29, 83	leafmining beetle	21	leaf-tier, willow	17, 44, 74
leafblotch miner, lesser maple	83	leafmining beetle, cottonwood	110	leaf-tier, yellowheaded aspen	44
leafblotch miner, locust	84	leafmining sawfly, hawthorn	89	leaf tip roller, sumac	23
leafblotch miner, maple	23	leafmining sawfly, oak	89	leaf weevil, clover	58
leafblotch miner, oak	24	leafmining sawfly, poplar	69	leafworm, boxelder	28
leafblotch miner, willow	83	leaf mite, aspen	5	leafworm, cotton	10
leafblotch miner, witch-hazel	24	leaf petiolegall aphid, poplar	80	leaping looper	81, 101
leaf casebearer, pecan	7	leafroller	6, 8, 16, 28, 31, 39, 50, 55, 75, 77, 78, 86, 98	leatherwood leafminer	62
leaf chafer	40	leafroller, alder	6, 44, 91	lecanium, European fruit	80
leaf chafer, small	97	leafroller, ash	78	lecanium, oak	80
leafcone caterpillar, cherry	23	leafroller, aspen	44	LeConte's haploa	53
leafcurler, early aspen	91	leafroller, basswood	75, 78	leopard moth, great	42
leafcurl midge	89	leafroller, birch	6, 23, 50	leptura beetle, false	26
leafcutter, maple	79	leafroller, birch-aspen	45	lesser appleworm	53
leaf edgeminer, early birch	69	leafroller, boxelder	23	lesser aspen webworm	69
leaf folder	65	leafroller, brokenbanded	28	lesser birch casebearer	32
leaf folder, alder	13	leafroller, cherry	75	lesser hemlock looper	96
leaf folder, blackheaded birch	6	leafroller, chokecherry	98	lesser June beetle	84
leaf folder, cherry	13	leafroller, darkheaded aspen	12	lesser maple leafblotch miner	83
leaf folder, elm	13	leafroller, dogwood	6, 23, 44, 75	lesser maple leafroller	6
leaf folder, grape	39	leafroller, duskyback	16	lesser maple spanworm	60
leaf folder, ninebark	13	leafroller, European	17	lesser peachtree borer	101
leaf folder, oak	13	leafroller, European honeysuckle	108	lichen caterpillar	65
leaf folder, serviceberry	13	leafroller, fourlined	17	lichen moth, little white	31
leaf folder, willow	13	leafroller, fruit tree	108	lichen moth, painted	58
leaf folder, yellow birch	13	leafroller, fruittree	16	lichen moth, scarletwinged	58
leaf folding sawfly, poplar	83	leafroller, graybanded	17	lilac borer	87
leaf folding sawfly, willow	83	leafroller, green aspen	16	lilac leafminer	52
leaf gall aphid, purse	103	leafroller, hickory	17, 91	limb borer, willow gall	9
leafgall midge, boxelder	34	leafroller, ironwood	75	linden bark borer	52
leafgall midge, poplar	40	leafroller, larger boxelder	16	linden borer	94
leafgall mite, elm	5			linden gall mite	84
leafgall mite, willow	5			linden looper	45
				linden wartgall midge	26
				lined black aspen caterpillar	42

lined spruce needleworm	17	looper, locust	96	microcaelia, marbled	63
Lintner's scale	28	looper, locust false	109	micro moth	9, 14, 18,
lippedgall midge, Juneberry	106	looper, maple false	109		19, 20, 24,
lippedgall midge, willow	106	looper, northern pine	24		28, 42, 44,
little brown click beetle	9	looper, Owen's larch	96		45, 53, 54,
little carpenterworm	89	looper, pine	96		59, 67, 69,
little spruce sawfly	89	looper, pine false	109		70, 73, 75,
little virgin tiger moth	15	looper, poplar	69, 90		76, 94, 96,
little white lichen moth	31	looper, purplish-brown	49		97, 101, 105
locust borer	67	looper, ragweed false	102	micro moth, aster	105
locust caterpillar	47	looper, redcheeked	89	micro moth, basswood	73
locust digitate leafminer	80	looper, saddleback	42	micro moth, birch	80, 100
locust false looper	109	looper, small pine	48	micro moth, cherry	100
locust gall midge	74	looper, spiny	82	micro moth, conifer	54, 56
locust leafblotch miner	84	looper, spirea	48	micro moth, dogbane	95
locust leafminer	75	looper, spruce cone	48	micro moth, Labrador-tea	75
locust leafroller	73	looper, spruce false	101	micro moth, locust	73
locust leaf-tier	98, 103	looper, spruce-fir	96	micro moth, nettle	49
locust looper	96	looper, stout locust	54	micro moth, poplar	51, 96
locust looper, stout	54	looper, striped green	68	micro moth, spruce	32, 43
locust micro moth	73	looper, tamarack	48	micro moth, sumac	55, 91, 95,
locust twig borer	42	looper, transverse banded	57		102
locust underwing	47	looper, transverse banded ash	57	midge	62
lodgpole pine beetle	39	looper, twolined aspen	64	midge, alder budgall	38
Lombardy leafminer	79	looper, twopronged	97	midge, ash midribgall	34
long dash	88	looper, variable redmarked	68	midge, balsam gall	79
longhorned beetle	6, 12, 22,	looper, white pine	96	midge, basket willow gall	93
	34, 49, 52,	looper, white pine false	109	midge, boxelder budgall	34
	60, 62, 69,	looper, wild cherry	64	midge, boxelder leafgall	34
	92, 93, 100,	looper, willow	96	midge, chokecherry	34
	104, 105, 106	looper, willow-poplar	96	midge, chokecherry leaf	71
longhorned beetle, green	15	looper, yellowlined conifer	31	midge, clustered willow gall	67
longhorned beetle, Minnesota	105	luna moth	8	midge, cone	93
longhorned beetle, mottled	15	Lyman's haploa	53	midge, coxcomb-gall	106
longhorned beetle, pitted	18	macro moth	19	midge, elm	60
longhorned pine borer	71	maggot, larch cone	100	midge, European pine needle	33
longhorned wood borer	70, 71	maggot, spruce cone	100	midge, fringed cupgall	107
looper	8, 12, 16,	maggot, tamarack cone	100	midge, gall	76
	20, 21, 31,	malaria mosquito, common	14	midge, gouty vein	38
	37, 41, 46,	mamestra, hitched	68	midge, hackberry	26
	47, 48, 55,	Manitoba maple gall mite	5	midge, honey locust podgall	38
	56, 59, 61,	mantid, European	67	midge, introduced false balsam gall	38
	64, 69, 81,	maple aphid, painted	41	midge, jack pine	26
	82, 86, 87,	maple-basswood leafroller	98	midge, jack pine resin	26
	89, 96, 98,	maple bladdergall mite	107	midge, Juneberry lippedgall	106
	102, 107	maple borer, gallmaking	108	midge, Juneberry veingall	31
looper, alder	48, 57, 107	maple callus borer	101	midge, leafcurl	89
looper, balsam fir false	101	maple caterpillar	79	midge, linden wartgall	26
looper, birch	57, 86	maple dagger-moth	8	midge, locust gall	74
looper, blackberry	28	maple false looper	109	midge, Monterey pine resin	26
looper, blueberry false	101	maple leafblotch miner	23	midge, oak pillgall	30
looper, brown pine	24	maple leafblotch miner, lesser	83	midge, ocellate gall	5
looper, cabbage	105	maple leafcutter	79	midge, poplar leafgall	40
looper, camouflaged	101	maple leafroller	23, 98	midge, red pine needle	103
looper, cedar	96	maple leafroller, lesser	6	midge, rosette	93
looper, celery	12	maple looper, large	89	midge, soft maple leaf	38
looper, clover	22	maple petiole borer	25	midge, spruce bud	38
looper, conifer	47	maple scale, cottony	92	midge, spruce cone axis	61
looper, dashlined	90	maple seedworm	37	midge, spruce cone gall	61
looper, deciduous tree	96	maple shoot borer	90	midge, spruce gall	67
looper, diamond backed conifer	58	maple spanworm	43	midge, spruce seed	67
looper, early brown	48	maple spanworm, lesser	60	midge, tip	76
looper, false	39, 101	maple spanworm, lesser	106	midge, tulip spotgall	103
looper, false hemlock	73	maple spindlegall mite	106	midge, white pine needle	93
looper, flanged	72	maple trumpet skeletonizer	44	midge, willow beaked gall	67
looper, fringed	24	maple twig borer	90	midge, willow cabbagegall	93
looper, grapevine	47	maple webworm	102	midge, willow gall	38
looper, gray spruce	24	mapleworm, greenstriped	41	midge, willow lippedgall	106
looper, green larch	96	mapleworm, orangehumped	100	midge, willow nodulegall	93
looper, greenstriped forest	68	marbled carpet, dark	41	midge, willow pinecone gall	93
looper, hemlock	61	marbled microcaelia	63	midge, willow potatogall	93
looper, jack pine	96	March fly	20	midge, willow twig-gall	93
looper, jack pine false	109	margarodid, birch	108	midribgall midge, ash	34
looper, juniper	48, 103	marsh beetle	95	Milbert's tortoiseshell	9
looper, larch	96	masked birch caterpillar	41	milkweed bug, small	65
looper, large false	109	masked hairy caterpillar	27	milkweed leaf beetle	61
looper, large maple	89	meadowsweet leaf beetle	105	milkweed tussock moth	46
looper, leaping	81, 101	meal moth, Indian	87	mimosa webworm	56
looper, lesser hemlock	96	Mediterranean flour moth	12	miner, alder leafblotch	83
looper, linden	45	merchant, hop	88	miner, apple leafblotch	83
		metallic beetle	18		

miner, aspen leafblotch	83	moth, grape plume	51	moth, spruce seed	37
miner, aspen petiole	42	moth, great leopard	42	moth, sumac micro	55, 91, 95, 102
miner, balsam poplar leafblotch	83	moth, great tiger	17	moth, swordgrass	108
miner, balsam poplar petiole	42	moth, gypsy	65	moth, sycamore tussock	53
miner, basswood roundblotch	84	moth, hardwood tussock	38	moth, tiger	15, 53
miner, basswood squareblotch	83	moth, herald	95	moth, tobacco	44
miner, birch cambium	84	moth, hickory tussock	64	moth, tussock	38
miner, birch leafblotch	23	moth, Indian meal	87	moth, underwing	25
miner, cherry leafblotch	83	moth, io	19	moth, vellela lappet	104
miner, elm leafblotch	24	moth, jack pine tube	17	moth, walnut shoot	7
miner, hackberry leafblotch	83	moth, Labrador-tea micro	75	moth, white-marked tussock	76
miner, hickory leafblotch	24	moth, lappet	83	moth, winter	76
miner, ironwood leafblotch	24, 29, 83	moth, larch lappet	104	moth, Zimmerman pine	40
miner, leafblotch	84	moth, larch shoot	17	mottled longhorned beetle	15
miner, lesser maple leafblotch	83	moth, leafminer	7	mottled stink bug	43
miner, locust leafblotch	84	moth, little virgin tiger	15	mountain-ash sawfly	89
miner, maple leafblotch	23	moth, little white lichen	31	mourningcloak butterfly	74
miner, oak leafblotch	24	moth, locust micro	73	native elm bark beetle	57
miner, white pine bark	67	moth, luna	8	needle aphid, jack pine	30
miner, willow leafblotch	83	moth, macro	19	needle aphid, powdery pine	47
miner, witch-hazel leafblotch	24	moth, Mediterranean flour	12	needle aphid, spotted black pine	47
Minnesota longhorned beetle	105	moth, micro	9, 14, 18, 19, 20, 24, 28, 42, 44, 45, 53, 54, 59, 67, 69, 70, 73, 75, 76, 94, 96, 97, 101, 105	needle aphid, woolly pine	95
minute egg parasite	105			needle inchworm, fir	48
mite, ash flower gall	5	moth, milkweed tussock	46	needle midge, European pine	33
mite, aspen leaf	5	moth, nettle micro	49	needle midge, red pine	103
mite, birch "witches'-broom"	26	moth, northern pine tussock	38	needle midge, white pine	93
mite, birch budgall	5	moth, northern pitch twig	81	needleminer, banded jack pine	32
mite, elm leafgall	5	moth, November	45	needleminer, brown hemlock	33
mite, false spider	80	moth, owl	5, 7, 8, 19, 20, 23, 25, 33, 34, 42, 43, 44, 46, 48, 54, 58, 59, 63, 64, 69, 70, 75, 77, 78, 80, 86, 87, 90, 97, 100, 109	needleminer, European spruce	44
mite, fir bud	105			needleminer, green hemlock	32
mite, jack pine needlesheath	105			needleminer, juniper	33
mite, linden gall	84			needleminer, orange spruce	33
mite, Manitoba maple gall	5			needleminer, pine	33, 50
mite, maple bladder gall	107			needleminer, red pine	33
mite, maple spindlegall	106			needleminer, spruce	33, 43, 44
mite, pear leaf blister	45			needleminer, white pine	74
mite, pine	106			needle mite, pine	97
mite, pine needle	97			needle mite, red pine	97
mite, pine spider	76			needle mite, white pine	105
mite, poplar budgall	5			needle moth, fall spruce	17
mite, poplar felt	83			needle moth, spring spruce	16
mite, poplar gall	5			needle moth, spruce	16
mite, red pile	5			needle scale, pine	28
mite, red pine needle	97			needle sheathminer, pine	110
mite, spruce spider	76	moth, painted lichen	58	needlesheath mite, jack pine	105
mite, velvet gall	5	moth, pale tussock	53	needle-tier	98
mite, white pine needle	105	moth, pepper-and-salt	20	needleworm, larch	109
mite, willow leafgall	5	moth, pine bark	81	needleworm, lined spruce	17
mock orange leafminer	10	moth, pine bud	50	needleworm, redstriped	53
monarch butterfly	38	moth, pine candle	50	needleworm, spruce	54
Monterey pine resin midge	26	moth, pine imperial	42	nettle micro moth	49
moose fly	56	moth, pine tip	94	netwinged beetle	40
mosquito, common malaria	14	moth, pine tube	17	ninebark leaf folder	13
mosquito, northern house	37	moth, pine tussock	38	ninespotted lady beetle	31
mossy rose gall wasp	41	moth, pitch nodule	81	nipplegall maker, hackberry	77
moth, acorn	106	moth, pitch pine tip	94	nodulegall midge, willow	93
moth, alder catkin	44	moth, pitch twig	81	nodule moth, pitch	81
moth, arctiid	56	moth, plume	11, 75, 86, 105	northeastern sawyer	70
moth, aster micro	105			northern ash sphinx	99
moth, basswood micro	73	moth, polyphemus	14	northern cedar bark beetle	82
moth, basswood owlet	20	moth, poplar catkin	12	northern engraver	59
moth, basswood seed	59	moth, poplar micro	51, 96	northern house mosquito	37
moth, birch catkin	45	moth, poplar petiolegall	42	northern June beetle	84
moth, birch ermine	17	moth, poplar shoot	19	northern pine looper	24
moth, birch micro	80, 100	moth, promethea	23	northern pine tussock moth	38
moth, browntail	48	moth, prominent	55, 73	northern pine weevil	85
moth, cecropia	56	moth, red pine shoot	40	northern pitch twig moth	81
moth, cherry micro	100	moth, red swordgrass	108	northern spruce engraver	59
moth, cherry scallophell	57	moth, rusty tussock	76	northern tent caterpillar	66
moth, cone	19	moth, St. Lawrence giant tiger	86	Norway maple aphid	81
moth, conifer micro	54, 56	moth, satin	63	Norway maple seedminer	74
moth, diamond back	87	moth, scallophell	57	notchwing geometer	43
moth, dogbane micro	95	moth, scarletwinged lichen	58	notodontid, pale green	51
moth, dot-and-dash swordgrass	108	moth, smoky	42	November moth	45
moth, dusky red tiger	82	moth, spearmarked black	94	nursery pine sawfly	51
moth, euonymus	108	moth, spotted tussock	64	nymph, beautiful wood	46
moth, European pine shoot	94	moth, spring spruce needle	16	nymph, pearly wood	46
moth, eyespotted bud	99	moth, spruce bud	109	oak aphid	56
moth, fall spruce needle	17	moth, spruce cone	16	oakapple gall wasp, large	12
moth, false owl	49, 53	moth, spruce micro	32, 43	oakapple gall wasp, small	13
moth, graceful ghost	54	moth, spruce needle	16		

oakapple gall wasp, spongy	12	pale footman	35	pine sawfly, European	72
oakapple wasp, spotted	18	pale green notodontid	51	pine sawfly, introduced	41
oak beauty	71	pale green weevil	88	pine sawfly, nursery	51
oak casebearer	32	paleheaded aspen leafroller	12	pine sawfly, redheaded	72
oak caterpillar	38, 67, 81	pale juniper webworm	9	pine sawyer, spotted	70
oak daggermoth	7	pale spruce gall adelgid	8	pine seed bug, shieldbacked	103
oak fig-gall wasp	107	pales weevil	57	pine seedworm, eastern	37
oak gall wasp	22, 41, 73	pale tussock moth	53	pine shoot borer, eastern	46
oak gall wasp, gouty	22	Palmerworm	40	pine shoot moth, European	94
oak gall wasp, horned	22	parasite	9, 16, 52, 58, 60, 68, 69, 76, 80,	pine spider mite	76
oak lace bug	34			pine spittlebug	15
oak leafblotch miner	24			pine tip moth	94
oakleaf caterpillar, variable	64			pine tortoise scale	104
oakleaf edgeminer	103	parasite, chalcid	38	pine tree sphinx	62
oak leaffolder	13	parasite, minute egg	105	pine tube moth	17
oak leafgall wasp	22	parasitic fly	20	pine tussock moth	38
oak leafminer	103	parsleyworm	79	pine tussock moth, northern	38
oak leafminer, gregarious	24	parsnip webworm	39	pine webspinning sawfly	26
oak leafminer, solitary	24	peach bark beetle	82	pine webworm	102
oak leafmining sawfly	89	peachtree borer	101	pine weevil	30
oak leafroller	17, 72, 75	peachtree borer, lesser	101	pine weevil, elegant	77
oak leafroller, spring	28	pear leaf blister mite	45	pine weevil, northern	85
oak leaf shredder	6	pearly eye	44	pine zale	109
oak leaf-tier	91, 94	pearly wood nymph	46	pinkbacked cutworm	61
oak lecanium	80	pearsawfly	22	pinkbarred sawfly	107
oak-maple humped caterpillar	95	pearslug	22	pinkish dart, smaller	40
oak olethreutid leafroller	91	pearslug sawfly	22	pinkstriped oakworm	13
oak pillgall midge	30	pear thrips	102	pink underwing	25
oak potatogall wasp	73	pecan cigar casebearer	32	pipevine swallowtail	20
oak sawfly	17, 21, 81	pecan leaf casebearer	7	pistol casebearer	32
oak scale, golden	18	Pennsylvania wood cockroach	80	pitch mass borer	101
oak serpentine leafminer	99	pepper-and-salt moth	20	pitch nodule moth	81
oak skeletonizer	21	petiole borer, maple	25	pitch pine tip moth	94
oakslug sawfly	22	petiolegall aphid, poplar	80	pitch twig moth	81
oak trumpet skeletonizer	45	petiolegall aphid, poplar leaf	80	pitch twig moth, northern	81
oak webworm	16	petiolegall moth, poplar	42	pith borer	85
oak webworm, striped	102	petiole miner, aspen	42	pith borer, pine	85
oakworm, orangehumped	100	petiole miner, balsam poplar	42	pitted ambrosia beetle	34
oakworm, orangestriped	13	pigeon tremex	104	pitted longhorned beetle	18
oakworm, pinkstriped	13	pile mite, red	5	plant bug	32
oakworm, redhumped	100	pill beetle	37	planthopper	69
oakworm, shorthorned	13	pillgall midge, oak	30	plum curculio	33
oakworm, spiny	13	pine-and-clover tier	15, 107	plum daggermoth	7
oakworm, tortricid	17	pine aphid	30	plume moth	11, 75, 86, 105
obliquebanded leafroller	28	pine bark adelgid	85	plume moth, grape	51
ocellate gall midge	5	pine bark borer	85	plum tree underwing	25
ochre daggermoth	7	pine bark moth	81	plum webspinning sawfly	73
oil beetle, buttercup	69	pine borer, flatheaded	27	podgall midge, honey locust	38
olethreutid leafroller, oak	91	pine borer, longhorned	71	polyphemus moth	14
omnivorous leafroller	17	pine borer, redshouldered	99	poplar ambrosia beetle	106
oncemarried underwing	25	pine bud moth	50	poplar-and-willow borer	36
onlined larch sawfly	14	pine candle moth	50	poplar-and-willow flea weevil	101
onespotted variant	58	pine caterpillar, tufted	78	poplar-and-willow hornworm	98
opaque sawyer	18	pinecone gall midge, willow	93	poplar-and-willow rootborer	99
orangedog	54	pine elfin	59	poplar-and-willow sphinx	99
orangehumped mapleworm	100	pine engraver	59	poplar aphid	92
orangehumped oakworm	100	pine engraver, southern	59	poplar aphid, smokeywinged	27
orange larch tubemaker	33	pine false looper	109	poplar aphid, spotted	15
orange spruce needleminer	33	pine false webworm	5	poplar blackmine beetle	110
orangestriped oakworm	13	pine flower sawfly	108	poplar borer	94
Owen's larch looper	96	pine gall weevil	87	poplar borer, bronze	9
owlet moth	5, 7, 8, 19, 20, 23, 25, 33, 34, 42, 43, 44, 46, 48, 54, 58, 59, 63, 64, 69, 70, 75, 77, 78, 80, 86, 87, 90, 97, 100, 109	pine imperial moth	42	poplar borer, flatheaded	40
		pine lady beetle	70	poplar branch borer	74
		pine leaf adelgid	85	poplar budgall mite	5
		pine looper	96	poplar bulletgall aphid	80
		pine looper, brown	24	poplar caterpillar	51
		pine looper, northern	24	poplar catkin moth	12
		pine looper, small	48	poplar daggermoth	7
		pine mite	106	poplar edgefolding sawfly	83
		pine moth, Zimmerman	40	poplar felt mite	83
		pine needle aphid, powdery	47	poplar flea beetle	10
		pine needle aphid, spotted black	47	poplar flea weevil	101
		pine needle aphid, woolly	95	poplar gall borer	67, 94
		pine needle midge, European	33	poplar gall mite	5
		pine needle mite	97	poplar lace bug	34
		pine needle scale	28	poplar leaf petiolegall aphid	80
		pine needle sheathminer	110	poplar leaf-folding sawfly	83
		pine needleminer	33, 50	poplar leafgall midge	40
		pine pith borer	85	poplar leafgall sawfly	83
		pine root collar weevil	57	poplar leafmining sawfly	69
		pine sawfly	72		
owlet moth, basswood	20				
owlet moth, false	49, 53				
oystershell scale	62				
paddle caterpillar	7				
painted beauty	106				
painted hickory borer	67				
painted lady	106				
painted lichen moth	58				
painted maple aphid	41				
pale apple leafroller	91				

poplar leafroller	50	red swordgrass moth	108	sawfly, oak leafmining	89
poplar leaf-tier	31, 74	red tiger moth, dusky	82	sawfly, oakslug	22
poplar looper	69, 90	red turpentine beetle	39	sawfly, onelined larch	14
poplar micro moth	51, 96	resin midge, jack pine	26	sawfly, pearslug	22
poplar petiolegall aphid	80	resin midge, Monterey pine	26	sawfly, pine	72
poplar petiolegall moth	42	resplendent shield bearer	34	sawfly, pine flower	108
poplar sawfly	71	ribbed budgall wasp	22	sawfly, pine web-spinning	26
poplar sawfly, hairy	104	roller, sumac leaf tip	23	sawfly, plum web-spinning	73
poplar seedworm	37	rootborer	99	sawfly, poplar	71
poplar shoot moth	19	rootborer, alder	99	sawfly, poplar edgefolding	83
poplar sphinx, big	78	rootborer, poplar-and-willow	99	sawfly, poplar leaf-folding	83
poplar tentmaker	31	root collar weevil, pine	57	sawfly, poplar leafgall	83
poplar twig-gall fly	55	root collar weevil, Warren's	57	sawfly, poplar leafmining	69
poplar vagabond aphid	70	rootweevil, strawberry	77	sawfly, red pine	72
poplar-willow leafroller	23	rose budworm	93	sawfly, red pine web-spinning	26
potatogall midge, willow	93	rose chafer	66	sawfly, redheaded jack pine	72
potatogall wasp, oak	73	rose chafer, green	40	sawfly, redheaded pine	72
potato leafhopper	43	rose flea beetle	10	sawfly, rose	10
pouchgall aphid, elm	61	rose gall wasp, mossy	41	sawfly, smaller willowshoot	49
powdery pine needle aphid	47	rose leafroller	54	sawfly, spiny ash	47
prairie tent caterpillar	66	rose sawfly	10	sawfly, spruce web-spinning	26
prionid, brown	77	rosette midge	93	sawfly, striped alder	54
privet leafminer	23	roughened darkling beetle	106	sawfly, Swaine jack pine	72
privet sawfly, European	66	roundblotch miner, basswood	84	sawfly, threelined larch	14
promethea moth	23	roundheaded appletree borer	94	sawfly, trefoil	18
prominent, elm	64	rugose June beetle	84	sawfly, viburnum web-spinning	78
prominent moth	55, 73	russet alder leaf beetle	22	sawfly, web-spinning	5
prominent, saddled	55	rustic borer	108	sawfly, white pine	72
pruner, hickory twig	13	rustic, speckled	86	sawfly, willow	11, 71, 72, 89
pruner, twig	13	rusty leaf beetle	101	sawfly, willow-and-poplar	71
psyllid, birch	22	rusty tussock moth	76	sawfly, willow apple gall	88
psyllid, boxelder	22	rusty whitesided caterpillar	77	sawfly, willow gall	88
punkie	37	rustylined leaf-tier	31	sawfly, willow leaf-folding	83
purple, redspotted	19	sad dagger-moth	8	sawfly, willow leafgall	88
purple-striped shootworm	109	saddleback looper	42	sawfly, willow redgall	88
purplish-brown looper	49	saddled prominent	55	sawfly, willow shoot	60
purse leaf gall aphid	103	St. Lawrence giant tiger moth	86	sawfly, willow skeletonizing	42
pyralid, striped birch	76	sallow, goat	56	sawfly, willow twig-gall	49
question mark	88	sallow, pinkbarred	107	sawfly, woolly alder	45
ragged spruce gall adelgid	85	saltmarsh caterpillar	45	sawfly, woolly butternut	45
ragweed false looper	102	sap beetle	51	sawfly, yellowheaded spruce	85
raspberry crown borer	80	sap beetle, four-spotted	51	sawyer, balsam fir	70
raspberry leafroller	75	Saratoga spittlebug	16	sawyer, northeastern	70
rearhumped caterpillar	12	sassafras leafroller	23	sawyer, opaque	18
red admiral	106	satin moth	63	sawyer, spotted pine	70
red and black carpenter ant	24	sawfly	6, 11, 43, 66, 100, 109	sawyer, whitespotted	70
redbacked cutworm	49	sawfly, alder	71, 72	Say blister beetle	65
redbanded leafroller	17	sawfly, balsam fir	72	scale, beech	36
redcheeked looper	89	sawfly, balsam shoot-boring	87	scale, brown elm	80
redcrossed stink bug	42	sawfly, birch	17, 72, 89	scale, cottony maple	92
red flour beetle	104	sawfly, blackheaded ash	102	scale, dogwood	28
redfronted emerald	72	sawfly, blackheaded jack pine	72	scale, elm scurfy	28
redgall sawfly, willow	88	sawfly, brownheaded ash	104	scale, European elm	52
redheaded ash borer	72	sawfly, cedar	70	scale, Fletcher	80
redheaded jack pine sawfly	72	sawfly, cherry	54	scale, golden oak	18
redheaded pine sawfly	72	sawfly, cherry web-spinning	73	scale, hemlock	5
redhumped caterpillar	95	sawfly, chestnut	35	scale, juniper	25
redhumped oakworm	100	sawfly, dogwood	65	scale, Lintner's	28
red jack pine shoot borer	94	sawfly, dusky birch	35	scale, oystershell	62
red juniper leafminer	17	sawfly, elm	30	scale, pine needle	28
redlined conifer caterpillar	50	sawfly, European pine	72	scale, pine tortoise	104
red maple cambium borer	84	sawfly, European privet	66	scale, scurfy	28
redmarked caterpillar	81	sawfly, European spruce	51	scale, spruce bud	84
redmarked looper, variable	68	sawfly, fringed birch	40	scale, white pine fungus	67
redmarked tentmaker	31	sawfly, giant birch	105	scallopshell moth	57
rednecked cane borer	9	sawfly, greenheaded spruce	85	scallopshell moth, cherry	57
red pile mite	5	sawfly, hairy poplar	104	scapemoth, yellowcollared	31
red pine aphid	30	sawfly, hairy willow	104	scarab beetle	15, 47, 51, 56, 77, 97, 105
red pine cone beetle	33	sawfly, hawthorn	99	scarletwinged lichen moth	58
red pine cone borer	46	sawfly, hawthorn leafmining	89	Scots pine aphid	30
red pine needle midge	103	sawfly, hickory	68	scurfy scale	28
red pine needle mite	97	sawfly, honeysuckle	109	scurfy scale, elm	28
red pine needle-miner	33	sawfly, introduced pine	41	seed bug, shieldbacked pine	103
red pine sawfly	72	sawfly, jack pine	72	seed chalcid, balsam fir	68
red pine shoot borer	94	sawfly, juniper	70	seed chalcid, larch	68
red pine shoot moth	40	sawfly, larch	89	seed chalcid, spruce	68
red pine web-spinning sawfly	26	sawfly, little spruce	89	seed midge, spruce	67
redshouldered pine borer	99	sawfly, mountain-ash	89	seedminer, Norway maple	74
redspotted purple	19	sawfly, nursery pine	51		
red spruce adelgid	85	sawfly, oak	17, 21, 81		
redstriped needleworm	53				

seed moth, basswood	59	spangled fritillary, great	98	spruce cone gall midge	61
seed moth, spruce	37	spanworm	60	spruce cone geometer	47
seed weevil, black locust	16	spanworm, Bruce	76	spruce cone looper	48
seedworm, eastern pine	37	spanworm, cherry	47	spruce cone maggot	100
seedworm, maple	37	spanworm, cranberry	13, 43	spruce cone moth	16
seedworm, poplar	37	spanworm, currant	60	spruce coneworm	40
serpentine leafminer, aspen	83	spanworm, elm	43	spruce cutworm, gray	14
serpentine leafminer, grape	83	spanworm, false Bruce	60	spruce engraver, northern	59
serpentine leafminer, oak	99	spanworm, lesser maple	60	spruce false looper	101
serviceberry flea weevil	94	spanworm, maple	43	spruce-fir looper	96
serviceberry leafroller	13	spanworm, stout	65	spruce gall adelgid	8
sevenspotted lady beetle	31	spearmarked black moth	94	spruce gall adelgid, Cooley	8
sheathminer, pine needle	110	speckled green fruitworm	77	spruce gall adelgid, eastern	8
shieldbacked pine seed bug	103	speckled rustic	86	spruce gall adelgid, pale	8
shield bearer, resplendent	34	sphinx, achemon	47	spruce gall adelgid, ragged	85
shoot borer-and-tier	6	sphinx, apple	99	spruce gall midge	67
shoot borer, cherry	17	sphinx, azalea	38	spruce gall sawfly	78
shoot borer, eastern pine	46	sphinx, bedstraw	57	spruce looper, gray	24
shoot borer, hickory	6	sphinx, big poplar	78	spruce micro moth	32, 43
shoot borer, maple	90	sphinx, blindeyed	79	spruce needle moth	16
shoot borer, red jack pine	94	sphinx, catalpa	27	spruce needle moth, fall	17
shoot borer, red pine	94	sphinx, elm	26	spruce needle moth, spring	16
shoot borer, yellow jack pine	94	sphinx, great ash	99	spruce needleminer	33, 43, 44
shootboring sawfly, balsam	87	sphinx, laurel	99	spruce needleminer, European	44
shoot moth, European pine	94	sphinx, northern ash	99	spruce needleminer, orange	33
shoot moth, larch	17	sphinx, pine tree	62	spruce needleworm	54
shoot moth, poplar	19	sphinx, poplar-and-willow	99	spruce needleworm, lined	17
shoot moth, red pine	40	sphinx, small-eyed	79	spruce sawfly, European	51
shoot moth, walnut	7	sphinx, twin-spot	98	spruce sawfly, greenheaded	85
shoot sawfly, willow	60	sphinx, Virginia creeper	38	spruce sawfly, little	89
shootworm, birch	45	sphinx, walnut	62	spruce sawfly, yellowheaded	85
shootworm, purplestriped	109	sphinx, waved	27	spruce seed chalcid	68
shothorned oakworm	13	sphinx, wild cherry	99	spruce seed midge	67
shothole borer	96	sphinx, yellowbanded day	90	spruce seed moth	37
shothole borer, larger	95	spicebush swallowtail	92	spruce spider mite	76
shredder, oak leaf	6	spider mite, false	80	spruce spittlebug	15
shuckworm, hickory	37	spider mite, pine	76	spruce webspinning sawfly	26
silkmoth, columbian	56	spider mite, spruce	76	spruce weevil, small	85
silkworm, larch	56	spindle-gall mite, maple	106	spruce zebra beetle	108
silverspotted skipper	44	spined assassin bug	97	squareblotch miner, basswood	83
silvery checkerspot	27	spined soldier bug	87	stag beetle	65, 86
skeletonizer, apple-and-thorn	28	spiny ash sawfly	47	stem borer, alder	94
skeletonizer, aspen	83	spiny elm caterpillar	74	stem girdler, currant	60
skeletonizer, birch	21	spiny looper	82	stink beetle	74
skeletonizer, maple trumpet	44	spiny oakworm	13	stink bug	15, 28, 49, 87
skeletonizer, oak	21	spiny slug caterpillar	46	stink bug, banana	19
skeletonizer, oak trumpet	45	spirea leaf-tier	49	stink bug, dusky	49
skeletonizing sawfly, willow	42	spirea looper	48	stink bug, fourhumped	21
skipper, European	103	spittlebug, alder	31	stink bug, mottled	43
skipper, hobomok	87	spittlebug, dogwood	31	stink bug, redcrossed	42
skipper, Indian	55	spittlebug, pine	15	stink bug, twospotted	34
skipper, silverspotted	44	spittlebug, Saratoga	16	stone fly	92
slash pine flower thrips	52	spittlebug, spruce	15	stout locust looper	54
slug caterpillar	16, 59, 63, 78, 90, 104	spongy oakapple gall wasp	12	stout spanworm	65
slug caterpillar, spiny	46	spotgall midge, tulip	103	strawberry rootweevil	77
small aspen leaf-tier	6	spotted aspen leafroller	91	striped alder sawfly	54
small birch leafminer	42	spotted black pine needle aphid	47	striped ambrosia beetle	106
smaller European elm bark beetle	95	spotted cutworm	108	striped birch pyralid	76
smaller pinkish dart	40	spotted datana	39	striped caterpillar	38
smaller willowshoot sawfly	49	spotted oak apple wasp	18	striped cutworm	49
smaller willowshoot sawfly	49	spotted pine sawyer	70	striped garden caterpillar	61
smaller willowshoot sawfly	49	spotted poplar aphid	15	striped green looper	68
smaller willowshoot sawfly	49	spotted tussock moth	64	striped hairstreak	95
smaller willowshoot sawfly	49	spotted willow leaf beetle	29	striped oak webworm	102
smaller willowshoot sawfly	49	spring azure	26	striped sumac leafroller	73
smaller willowshoot sawfly	49	spring cankerworm	78	striped willow leaf beetle	41
smaller willowshoot sawfly	49	spring oak leafroller	28	stupid treehopper	25
smaller willowshoot sawfly	49	spring spruce needle moth	16	subterranean termite, eastern	93
smaller willowshoot sawfly	49	spruce aphid	30	sugar maple borer	52
smaller willowshoot sawfly	49	spruce aphid, green	30	sulphur, clouded	33
smaller willowshoot sawfly	49	spruce bark beetle	82, 95	sumac aphid	68
smaller willowshoot sawfly	49	spruce bark beetle, four-eyed	88	sumac bark beetle	85
smaller willowshoot sawfly	49	spruce beetle	39	sumac caterpillar	67
smaller willowshoot sawfly	49	spruce bud midge	38	sumac leaf beetle	20
smaller willowshoot sawfly	49	spruce bud moth	109	sumac leaf tip roller	23
smaller willowshoot sawfly	49	spruce bud scale	84	sumac leafroller	45
smaller willowshoot sawfly	49	spruce budworm, eastern	28	sumac leafroller, striped	73
smaller willowshoot sawfly	49	spruce budworm, yellow	109	sumac micro moth	55, 91, 95, 102
smaller willowshoot sawfly	49	spruce caterpillar, tufted	78	Swaine jack pine sawfly	72
smaller willowshoot sawfly	49	spruce climbing cutworm	101		
smaller willowshoot sawfly	49	spruce cone axis midge	61		

swallowtail, black	79	tufted pine caterpillar	78	Virginian buprestid	27
swallowtail, Canadian tiger	92	tufted spruce caterpillar	78	Virginian ctenucha	36
swallowtail, pipevine	20	tufted white pine caterpillar	78	walking stick	40
swallowtail, spicebush	92	tulip spotgall midge	103	walnut caterpillar	39
swallowtail, tiger	92	tuliptree leafminer	75	walnut lace bug	34
sweetfern casebearer	7	tupelo leafminer	15	walnut shoot moth	7
sweetfern underwing	25	turpentine beetle, red	39	walnut sphinx	62
swordgrass moth	108	tussock moth	38	Warren's root collar weevil	57
swordgrass moth, dot-and-dash	108	tussock moth, hardwood	38	wartgall midge, linden	26
swordgrass moth, red	108	tussock moth, hickory	64	warty birch caterpillar ⁴¹	
sycamore lace bug	34	tussock moth, milkweed	46	wasp	11
sycamore tussock moth	53	tussock moth, northern pine	38	wasp, gall	6, 13
sycamore webworm	102	tussock moth, pale	53	wasp, gouty oak gall	22
tamarack cone maggot	100	tussock moth, pine	38	wasp, horned oak gall	22
tamarack looper	48	tussock moth, rusty	76	wasp, large oakapple gall	12
tenspotted leaf beetle	107	tussock moth, spotted	64	wasp, mossy rose gall	41
tent caterpillar, eastern	66	tussock moth, sycamore	53	wasp, oak fig-gall	107
tent caterpillar, forest	66	tussock moth, white-marked	76	wasp, oak gall	22, 41, 73
tent caterpillar, northern	66	twicestabbed lady beetle	27	wasp, oak leafgall	22
tent caterpillar, prairie	66	twig aphid, balsam	70	wasp, oak potatogall	73
tentmaker, poplar	31	twig borer, amelanchier	84	wasp, ribbed budgall	22
tentmaker, redmarked	31	twig borer, boxelder	90	wasp, small oakapple gall	13
termite, eastern subterranean	93	twig borer, cottonwood	53	wasp, spongy oakapple gall	12
thirteenspotted lady beetle	55	twig borer, dogwood	74	wasp, spotted oakapple	18
threebanded lady beetle	32	twig borer, hickory	14	wasp, wool sower	22
threelined larch sawfly	14	twig borer, locust	42	wasp, woolly blossomgall	22
threelined leafroller	78	twig borer, maple	90	waterbug, giant	62
threespotted click beetle	36	twig-gall fly, poplar	55	waterlily leaf beetle	51
thrips, basswood	97, 103	twig-gall midge, willow	93	waved sphinx	27
thrips, pear	102	twig-gall sawfly, willow	49	webbing coneworm	40
thrips, slash pine flower	52	twig moth, northern pitch	81	webspinning sawfly	5
tier, aspen twoleaf	43	twig moth, pitch	81	webspinning sawfly, cherry	73
tier, pine-and-clover	15, 107	twig pruner	13	webspinning sawfly, pine	26
tier, twoleaf	91	twig pruner, hickory	13	webspinning sawfly, plum	73
tiger beetle	30	twin-spct sphinx	98	webspinning sawfly, red pine	26
tiger moth	15, 53	twoleaf tier	91	webspinning sawfly, spruce	26
tiger moth, dusky red	82	twoleaf tier, aspen	43	webspinning sawfly, viburnum	78
tiger moth, great	17	twolined aspen looper	64	webworm	9, 25, 35
tiger moth, little virgin	15	twolined cantharid	13	webworm, ailanthus	18
tiger moth, St. Lawrence giant	86	twolined chestnut borer	9	webworm, aspen	102
tiger swallowtail	92	twomarked treehopper	43	webworm, blueberry	102
tiger swallowtail, Canadian	92	twopronged looper	97	webworm, euonymus	108
tiny aspen flea beetle	35	twospotted click beetle	36	webworm, fall	58
tip beetle, jack pine	33	twospotted lady beetle	8	webworm, hickory	16
tip midge	76	twospotted stink bug	34	webworm, juniper	40
tipminer, balsam fir	17	uglynest caterpillar	16	webworm, larch	102
tipminer, black spruce	17	underwing, blueberry	25	webworm, lesser aspen	69
tipminer, white spruce	17	underwing, Briseis	25	webworm, maple	102
tip moth, pine	94	underwing, darling	25	webworm, mimosa	56
tip moth, pitch pine	94	underwing, grayblue	25	webworm, oak	16
tobacco hornworm	66	underwing, hickory	25	webworm, pale juniper	9
tobacco moth	44	underwing, illa	25	webworm, parsnip	39
tomato fruitworm	54	underwing, locust	47	webworm, pine	102
tomato hornworm	66	underwing moth	25	webworm, pine false	5
tortoise beetle, argus	27	underwing, oncemarried	25	webworm, striped oak	102
tortoise beetle, green	25	underwing, pink	25	webworm, sycamore	102
tortoise scale, pine	104	underwing, plum tree	25	weevil	62, 66, 95
tortoishell, Compton	74	underwing, sweetfern	25	weevil, balsam bark	85
tortoishell, Milbert's	9	underwing, white	25	weevil, balsam fir	85
tortricid oakworm	17	underwing, yellowbanded	25	weevil, bark	57, 85
tortrix, large aspen	28	underwing, yellowgray	25	weevil, birch-and-alder flea	94
transverse banded ash looper	57	unicorn caterpillar	95	weevil, birch catkin	16
transverse banded looper	57	vagabond aphid, poplar	70	weevil, black elm bark	66
transverse lady beetle	31	vagabond crambus	9	weevil, black locust seed	16
treehopper	37, 76, 102	variable caterpillar	93	weevil, black vine	77
treehopper, aspen	102	variable oakleaf caterpillar	64	weevil, clover leaf	58
treehopper, stupid	25	variable redmarked looper	68	weevil, Couper's collar	57
treehopper, twomarked	43	variant, onespotted	58	weevil, elegant pine	77
trefoil sawfly	18	variegated cutworm	81	weevil, hollyhock	16
tremex, pigeon	104	variegated fritillary	48	weevil, leafrolling	18
triangle leafroller, white	31	vein midge, gouty	38	weevil, northern pine	85
trumpet-miner, appleleaf	103	veingall midge, Juneberry	31	weevil, pale green	88
trumpet skeletonizer, maple	44	velleda lappet moth	104	weevil, pales	57
trumpet skeletonizer, oak	45	velvet gall mite	5	weevil, pine	30
tubemaker	7	ventrally spotted buprestid	21	weevil, pine gall	87
tubemaker, alder	7	viburnum borer	101	weevil, pine root collar	57
tubemaker, birch	6	viburnum leafroller	75	weevil, poplar and willow flea	101
tubemaker, ironwood	7	viburnum webspinning sawfly	78	weevil, poplar flea	101
tubemaker, orange larch	33	viceroy	19	weevil, serviceberry flea	94
tube moth, jack pine	17	vine weevil, black	77	weevil, small spruce	85
tube moth, pine	17	Virginia creeper sphinx	38	weevil, Warren's root collar	57

weevil, white pine	85	witch-hazel caterpillar	38
weevil, willow flea	60	witch-hazel conegall aphid	56
wheat wireworm	9	witch-hazel gall aphid	53
white admiral	19	witch-hazel leafblotch miner	24
white cutworm	49	witch-hazel leafroller	91
whitefaced hornet	107	w-marked cutworm	98
whitehorned horntail	106	wood borer	108
white lichen moth, little	31	wood borer, flatheaded	9, 14, 21, 29
white-marked tussock moth	76	wood borer, longhorned	70, 71
white pine aphid	30	wood cockroach, Pennsylvania	80
white pine bark miner	67	wood nymph, beautiful	46
white pine caterpillar, tufted	78	wood nymph, pearly	46
white pine cone beetle	33	wool sower wasp	22
white pine cone borer	46	woolly adelgid, balsam	8
white pine false looper	109	woolly alder aphid	89
white pine fungus scale	67	woolly alder aphid, false	92
white pine looper	96	woolly alder sawfly	45
white pine needle midge	93	woolly apple aphid	45
white pine needle mite	105	woolly blossomgall wasp	22
white pine needleminer	74	woolly butternut sawfly	45
white pine sawfly	72	woolly elm aphid	45
white pine weevil	85	woolly hawthorn aphid	45
whitesided caterpillar, rusty	77	woolly pine needle aphid	95
whitespotted sawyer	70	woollybear	99
white spruce tipminer	17	woollybear, banded	93
whitestockinged black fly	97	woollybear, yellow	99
white triangle leafroller	31	yellow birch aphid	46
white underwing	25	yellow birch leafroller	13
wild cherry sphinx	99	yellow jack pine shoot borer	94
wild cherry looper	64	yellow spruce budworm	109
willow-and-poplar leaf beetle	29	yellow woollybear	99
willow-and-poplar leafroller	53	yellowbanded day sphinx	90
willow-and-poplar sawfly	71	yellowbanded underwing	25
willow aphid	27	yellowcollared scapemoth	31
willow aphid, giant	106	yellowgray underwing	25
willow apple gall sawfly	88	yellowheaded aspen leaftier	44
willow argid	17	yellowheaded cutworm	15
willow beaked gall midge	67	yellowheaded fireworm	6
willow borer	101	yellowheaded spruce sawfly	85
willow cabbagegall midge	93	yellowhorned horntail	106
willow daggermoth	7	yellowjacket, aerial	107
willow flea beetle	10	yellowlined caterpillar	71
willow flea weevil	60	yellowlined conifer looper	31
willow gall limb borer	9	yellowmarked caterpillar	93
willow gall midge	38	yellownecked caterpillar	39
willow gall midge, clustered	67	zale, pine	109
willow gall sawfly	88	zebra beetle, spruce	108
willow lace bug	34	zebra caterpillar	68
willow leaf beetle	22, 52, 105	Zimmerman pine moth	40
willow leaf beetle, American	82		
willow leaf beetle, brown	105		
willow leaf beetle, gray	105		
willow leaf beetle, imported	86		
willow leaf beetle, spotted	29		
willow leaf beetle, striped	41		
willow leafblotch miner	83		
willow leafroller	13		
willow leafrolling sawfly	83		
willow leafgall mite	5		
willow leafgall sawfly	88		
willow leafminer	70		
willow leafroller	44, 53		
willow leaftier	17, 44, 74		
willow lippedgall midge	106		
willow looper	96		
willow nodulegall midge	93		
willow pinecone gall midge	93		
willow-poplar looper	96		
willow potatogall midge	93		
willow redgall sawfly	88		
willow sawfly	11, 71, 72, 89		
willow sawfly, hairy	104		
willow shoot sawfly	60		
willow skeletonizing sawfly	42		
willow twig-gall midge	93		
willow twig-gall sawfly	49		
willowshoot sawfly, smaller	49		
winter moth	76		
wireworm, wheat	9		
witches'-broom mite, birch	26		