

COMMON AND SCIENTIFIC NAMES OF INSECT PESTS

HARDWOOD DEFOLIATORS

1. Fall cankerworm – *Alsophila pometaria* (Harris); Spring cankerworm – *Paleacrita vernata* (Peck)
2. Mourningcloak butterfly (spiny-elm caterpillar) – *Nymphalis antiopa* (Linnaeus)
3. Nevada buck moth – *Hemileuca nevadensis* Stretch
4. Greenstriped mapleworm – *Dryocampa rubicunda* (Fabricius)
5. Variable oakleaf caterpillar – *Heterocampa manteo* (Doubleday)
6. Fruittree leafroller – *Archips argyrospilus* (Walker)
7. Forest tent caterpillar – *Malacosoma disstria* Hübner
8. Prairie tent caterpillar – *Malacosoma californicum lutescens* (Neumoegen and Dyar); Eastern tent caterpillar – *M. americanum* (Fabricius)
9. Fall webworm – *Hyphantria cunea* (Drury)
10. Uglynest caterpillar – *Archips cerasivorana* (Fitch)
11. Mimosa webworm – *Homadula anisocentra* Meyrick
12. Elm sawfly – *Cimbex americana* Leach
13. Sawflies – *Nematius* spp.
14. Pear sawfly (Pear slug) – *Caliroa cerasi* (Linnaeus)
15. Elm leaf beetle – *Pyrrhalta luteola* (Müller)
16. Cottonwood leaf beetle – *Chrysomela scripta* Fabricius
17. Caragana blister beetle – *Epicauta subglabra* (Fall); Ashgray blister beetle – *E. fabricii* (LeConte)
18. Grasshoppers – *Melanoplus* spp.
19. Aspen blotchminer – *Phyllonorycter tremuloidiella* (Braun)
20. Aspen leafminer – *Phyllocnistis populiella* Chambers
21. Poplar black mine beetle – *Zengophora scutellaris* Suffrian

CONIFER DEFOLIATORS

1. Spruce needleminer – *Endothenia albolineana* (Kearfott)
2. Pine needle sheathminer – *Zelleria haimbachi* Busck
3. Cedar webworm – *Cudonigera houstonana* (Grote)
4. Jack pine budworm – *Choristoneura pinus* Freeman
5. Pine tiger moth – *Lophocampa ingens* Hy. Edwards
6. Bagworm – *Thyridopteryx ephemeraeformis* (Haworth)
7. Pine sawflies – *Neodiprion* spp.
8. Yellowheaded spruce sawfly – *Pikonema alaskensis* (Rohwer)
9. Black vine weevil – *Otiorhyncus sulcatus* (Fabricius)
10. Caragana blister beetle – *Epicauta subglabra* (Fall); Ashgray blister beetle – *E. fabricii* (LeConte)
11. Grasshoppers – *Melanoplus* spp.

HARDWOOD BORERS

1. Native elm bark beetle – *Hylurgopinus rufipes* (Eichoff); Smaller European elm bark beetle – *Scolytus multistriatus* (Marshall)
2. Ash bark beetles – *Hylesinus* spp.
3. Boxelder twig borers – *Proteoteras* spp.
4. Carpenterworm – *Prionoxystus robiniae* (Peck)
5. Lilac (ash) borer – *Podosesia syringae* (Harris); Banded ash clearwing – *P. aureocincta* Purrington and Nielson
6. Peachtree borer – *Synanthedon pictipes* (Say); Lesser peachtree borer – *S. exitosa*
7. Clearwing borers: Viburnum borer – *Synanthedon viburni* Engelhardt; Currant borer – *S. tipuliformis* (Clerck)
8. Cottonwood borer – *Plectrodera scalator* (Fabricius)
9. Poplar borer – *Saperda calcarata* Say
10. Locust borer – *Megacyllene robiniae* (Forster)
11. Redheaded ash borer – *Neoclytus acuminatus* (Fabricius); Banded ash borer – *Neoclytus caprea* (Say)
12. Aspen root girdler – *Agilus horni* Kerremans

CONIFER BORERS

1. Pine tip moths: Nantucket – *Rhyacionia frustrana*

- (Comstock), Southwestern – *R. neomexicana* (Dyar), Western – *R. bushnelli* (Busck), and other *Rhyacionia* spp.
2. Western pine shoot borer – *Eucosma sonomana* Kearfott
3. Metallic pine pitch nodule maker – *Retinia metallica* (Busck)
4. White pine weevil – *Pissodes strobi* (Peck)
5. Zimmerman pine moths – *Dioryctria ponderosae* Dyar, *D. tumicolella* Mutuura, Munroe and Ross, and *D. zimmermani* (Grote)
6. Pine root collar weevil – *Hyllobius radialis* Buchanan
7. Pine bark beetles – *Ips grandicollis* (Eichhoff), *I. calligraphus* (Germar), *I. pini* (Say), *Ips* spp., *Dendroctonus ponderosae* Hopkins, *D. valens* LeConte, and *Dendroctonus* spp.
8. Cedar bark beetles – *Phloeosinus* spp.
9. Conifer-infesting longhorned beetles – *Monochamus* spp., *Semanotus* spp., *Xylotrechus* spp., and other *Cerambycidae*

GALL INSECTS

1. Ash flower gall mite – *Eriophyes fraxiniflora* Felt
2. Poplar bud gall mite – *Eriophyes parapopuli* (Keifer)
3. Hackberry nipplegall maker – *Pachypsylla celtidismamma* (Riley); Hackberry blistergall maker – *P. celtidisvesicula* Riley
4. Hackberry budgall psyllid – *Pachypsylla celtidisgemma* Riley; Hackberry petiolegall psyllid – *P. venusta* (Osten Sacken)
5. Poplar gall aphids – *Pemphigus* spp.
6. Poplar vagabond aphid – *Mordvilkoja vagabunda* (Walsh)
7. Honeylocust pod gall midge – *Dasineura gleditchiae* (Osten Sacken)
8. Oak galls – *Cecidomyiidae* and *Cynipidae*; Oak-apple gall – *Amphibolips confluenta* (Harris)
9. Cooley spruce gall adelgid – *Adelges cooleyi* (Gillette)
10. Gouty pitch midge (bird's-eye pine midge or ponderosa pine resin midge) – *Cecidomyia piniinopsis* Osten Sacken

HARDWOOD SAPSUCKING INSECTS

1. Boxelder aphid – *Periphyllus negundinis* (Thomas)
2. Black willow aphid – *Pterocomma smithiae* (Monell)
3. Caragana aphid – *Acyrtosiphon caraganae* (Cholodkovsky)
4. Woolly elm aphid – *Eriosoma americanum* (Riley); Woolly apple aphid – *E. lanigerum* (Hausmann)
5. Honeysuckle witches'-broom aphid – *Hyadaphis tataricae* (Aizenberg)
6. European elm scale – *Gossyparia spuria* (Modeer)
7. Lecanium scales – *Parthenolecanium* spp.
8. Oystershell scale – *Lepidosaphes ulmi* (Linnaeus)
9. Boxelder bug – *Leptocoris trivittatus* (Say)
10. Ash plant bug – *Tropidosteptes amoenus* Reuter; Honeylocust plant bug – *Diaphnocoris chlorionis* (Say)
11. Lace bugs – *Corythucha* spp., and *Gargaphia* spp.
12. Spider mites – *Oligonychus* spp., *Tetranychus* spp., and *Eotetranychus* spp.

CONIFER SAPSUCKING INSECTS

1. Spider mites – *Oligonychus* spp., *Tetranychus* spp., and *Eotetranychus* spp.
2. Pine needle scale – *Chionaspis pinifoliae* (Fitch)
3. Pine bark adelgid – *Pineus strobi* (Hartig)
4. Giant conifer aphids – *Cinara* spp.
5. Spittlebugs – *Aphrophora* spp., and *Clastoptera* spp.
6. Lecanium scales – *Parthenolecanium* spp.