

MOTHS OF LEVERETT

A partial list of species known to occur in Leverett, MA,
based primarily on collecting records and observations
at 46 Teawaddle Hill Road (1967 – 2012)
[Larval food plants are in square brackets]

Prodoxidae

Yucca Moth (*Tegeticula yuccasella*) [yucca]

Limacodidae

Skiff Moth (*Prolimacoides badia*) [many, trees/shrubs]

Spiny Oak Slug Moth (*Euclea delphinii*) [many, trees/shrubs]

Smaller Parasa (*Parasa chloris*) [many, deciduous trees]

Sesiidae

Red Maple Borer (*Synanthedon acerrubri*) [maple]

Peachtree Borer (*Synanthedon exitosa*) [trees (fruit-bearing)]

Maple Callus Borer (*Synanthedon acerni*) [maple]

Cossidae

Robin's Carpenterworm (*Prionoxystus robiniae*) [many, trees]

Leopard Moth (*Zeuzera pyrina*) [many, trees]

Crambidae

Eastern Grass Veneer (*Crambus laqueatellus*) [grasses]

Spotted Peppergrass Moth (*Eustixia pupula*) [low plants]

Pyralidae

White-spotted Sable (*Anania funebris*) [goldenrod]

Grape Leaf-folder (*Desmia funeralis*) [many]

Depranidae

Lettered Habrosyne (*Habrosyne scripta*) [birch/raspberry]

Dogwood Thyatirid (*Euthyatira pudens*) [flowering dogwood]

Arched Hooktip (*Drepana arcuata*) [alder/birch]

Two-lined Hooktip (*Drepana bilineata*) [many, trees]

Rose Hooktip (*Oreta rosea*) [viburnum]

Geometridae

Greater Grapevine Looper (*Eulithis gracilineata*) [grape/Virginia creeper]
Barberry Geometer (*Coryphista meadii*) [barberry]
Cherry Scallop Shell (*Rheumaptera prunivorata*) [many]
White-ribboned Carpet (*Mesoleuca ruficillata*) [blackberry]
White-striped Black (*Trichodezia albovittata*) [impatiens]
Bruce Spanworm (*Operophtera bruceata*) [many, trees]
The Beggar (*Eubaphe mendica*) [maple, violet]
Mottled Gray Carpet (*Cladara limitaria*) [trees (conifers)+]
The Scribbler (*Cladara atroliturata*) [many, trees/shrubs]
Three-spotted Phillip (*Heterophleps triguttaria*) [maple]
The Bad-Wing (*Dyspteris abortivaria*) [grape]
Sweet Fern Geometer (*Cyclophora pendulinaria*) [many]
Cross-lined Wave (*Timandra amaturaria*) [many, low plants]
Large Lace-Border (*Scopula limboundata*) [many, trees & low plants]
White-fringed Emerald (*Nemoria mimosaria*) [many, trees]
Blackberry Looper (*Chlorochlamys chloroleucaria*) [blackberry fruits+]
The Infant (*Archiearis infans*) [birch, willow, poplar]
Fall Cankerworm Moth (*Alsophila pometaria*) [many, trees]
Common Spring Moth (*Heliomata cycladata*) [locust]
Lesser Maple Spanworm (*Speranza pustularia*) [many, trees]
Yellow-veined Geometer (*Orthofidonia flavivenata*) [blueberry]
Four-barred Gray (*Aethalura intertexta*) [birch, alder]
Pale-winged Gray (*Iridopsis ephyraria*) [many, trees/shrubs]
Canadian Melanolopia (*Melanolopia canadaria*) [many, trees/shrubs]
Pepper-and-Salt Geometer (*Biston betularia*) [many, trees/shrubs]
Stout Spanworm (*Lycia ursaria*) [many, trees/shrubs]
One-spotted Variant (*Hypagyrtis unipunctata*) [many, trees]
The Half-Wing (*Phigalia titea*) [many, trees/shrubs]
Small Phigalia (*Phigalia strigataria*) [elm+]
Spring Cankerworm (*Paleacrita vernata*) [many, trees]
Linden Looper (*Erannis tilaria*) [many, trees]
Common Lytrosis (*Lytrosis unitaria*) [many, trees]
The Saw-Wing (*Euchlaena serrata*) [many, trees/shrubs]
Mottled Euchlaena (*Euchlaena tigrinaria*) [many, trees]
Least-marked Euchlaena (*Euchlaena irraria*) [oak]
Crocus Geometer (*Xanthotype sospeta*) [many, trees/shrubs]
Honest Pero (*Pero honestaria*) [many, trees]
Morrison's Pero (*Pero morrisonaria*) [trees, conifers]
Oak Beauty (*Phaeoura quernaria*) [many, trees]
Pale Beauty (*Campaea perlata*) [many, trees]
Maple Spanworm (*Ennomos magnaria*) [many, trees]
Elm Spanworm (*Ennomos subsignaria*) [many, trees/shrubs]
Yellow-washed Metarranthis (*Metarranthis obfirmaria*) [many, trees/shrubs]
Lemon Plagodis (*Plagodis serinaria*) [many, trees]
Purple Plagodis (*Plagodis kuetzingi*) [ash]

Northern Pine Looper (*Caripeta piniata*) [pine]
Brown Pine Looper (*Caripeta augustiorata*) [many, conifers]
Large Maple Spanworm (*Prochoerodes lineola*) [many]

Apatelodidae

Spotted Apatelodes (*Apatelodes torrefacta*) [many, trees]

Lasiocampidae

Large Tolyte (*Tolyte vellada*) [many, trees]
Lappet Moth (*Phyllodesma americana*) [many, trees/shrubs]
Forest Tent Caterpillar Moth (*Malacosoma disstria*) [many, trees]
Eastern Tent Caterpillar Moth (*Malacosoma americana*) [many, trees]

Saturniidae

Rosy Maple Moth (*Dryocampa rubicunda*) [maple+]
Spiny Oakworm Moth (*Anisota stigma*) [oak+]
New England Buck Moth (*Hemileuca lucina*) [spiraea, oaks]
Io Moth (*Automeris io*) [many, trees/shrubs/low plants]
Polyphemus Moth (*Antheraea polyphemus*) [many, trees]
Luna Moth (*Actias luna*) [many, trees]
Promethea Moth (*Callosamia promethea*) [many, trees/shrubs]
Cecropia Moth (*Hyalophora cecropia*) [many, trees/shrubs]

Sphingidae

Five-spotted Hawkmoth (*Manduca quinquemaculatus*) [crops, tomato+]
Pawpaw Sphinx (*Dolba hyloeus*) [pawpaw, sweet fern+]
Elm Sphinx (*Ceratomia amyntor*) [many, trees]
Waved Sphinx (*Ceratomia undulosa*) [many, trees]
Great Ash Sphinx (*Sphinx chersis*) [many, trees]
Laurel Sphinx (*Sphinx kalmiae*) [many, trees/shrubs]
Apple Sphinx (*Sphinx gordius*) [many, trees/shrubs/low plants]
Wild Cherry Sphinx (*Sphinx drupiferarum*) [many, trees]
Northern Pine Sphinx (*Lapara bombycoides*) [pine]
Twin-spotted Sphinx (*Smerinthus jamaicensis*) [many, trees]
One-eyed Sphinx (*Smerinthus cerisyi*) [poplar/willow]
Blinded Sphinx (*Paonias excaecata*) [many, trees]
Small-eyed Sphinx (*Paonias myops*) [many, trees]
Walnut Sphinx (*Amorpha juglandis*) [many, trees]
Modest Sphinx [Big Poplar Sphinx] (*Pachysphinx modesta*) [poplar/willow]
Hummingbird Clearwing (*Hemaris thysbe*) [many]
Snowberry Clearwing (*Hemaris diffinis*) [low plants, shrubs]
Slender Clearwing (*Hemaris gracilis*) [early low blueberry]
Nessus Sphinx (*Amphion floridensis*) [grape+]
Abbot's Sphinx (*Sphecodina abbottii*) [grape]

Pandorus Sphinx (*Eumorpha pandorus*) [grape/Virginia creeper]
Achemon Sphinx (*Eumorpha achemon*) [grape]
Lettered Sphinx (*Deidamia inscriptum*) [grape/Virginia creeper]
Hydrangea Sphinx (*Darapsa versicolor*) [hydrangea+]
Azalea Sphinx (*Darapsa choerilus*) [azalea+]
Virginia Creeper Sphinx [Hog Sphinx] (*Darapsa myron*) [Virginia creeper+]

Notodontidae

Black-rimmed Prominent (*Pheosia rimosa*) [poplar/willow]
White-headed Prominent (*Symmerista albifrons*) [oak]

Lymantriidae

Gypsy Moth (*Lymantria dispar*) [oak+]
White-marked Tussock Moth (*Orgyia leucostigma*) [many, trees]

Arctiidae

Black-and-Yellow Lichen Moth (*Lycomorpha pholus*) [lichens]
Painted Lichen Moth (*Hypoprepia fucosa*) [lichen/moss]
Arge Moth (*Grammia arge*) [low plants/vines]
Virgin Tiger Moth (*Grammia virgo*) [many, low plants]
Figured Tiger Moth (*Grammia figurata*) [low plants]
Harnessed Tiger Moth (*Apantesis phalerata*) [low plants]
Joyful Virbia (*Virbia laeta*) [dandelion, plantain]
Isabella Tiger Moth (*Pyrrharctia isabella*) [many]
Agreeable Tiger Moth (*Spilosoma congrua*) [low plants, mushrooms]
Pink-legged Tiger Moth (*Spilosoma latipennis*) [many, trees/low plants]
Virginian Tiger Moth (*Spilosoma virginica*) [many, trees/low plants]
Salt Marsh Moth (*Estigmene acrea*) [many, trees/low plants]
Fall Webworm (*Hyphantria cunea*) [many, trees (deciduous)]
Ruby Tiger Moth (*Phragmatobia fuliginosa*) [many, low plants]
Clymene Moth (*Haploa clymene*) [many]
The Neighbor (*Haploa contigua*) [trembling aspen]
LeConte's Haploa (*Haploa lecontei*) [many, trees/shrubs]
Bella Moth [Rattlebox Moth] (*Utethisa ornatix*) [many, trees/low plants]
Banded Tussock Moth (*Halysidota tessellaris*) [many, trees/shrubs]
Delicate Cynia (*Cynia tenera*) [milkweed]
Milkweed Tussock Moth (*Euchaetes egle*) [milkweed]
Virginia Ctenucha (*Ctenucha virginica*) [many]
Yellow-collared Scape Moth (*Cisseps fulvicollis*) [grasses, lichens]

Noctuidae

Baltimore Snout (*Hypena baltimoralis*) [maple]
The Herald (*Scoliopteryx libatrix*) [poplar/willow]

Underwings (*Catocala*)

The Betrothed (*Catocala innubens*) [honey locust]
The Penitent (*Catocala piatrix*) [many, trees]
Epione Underwing (*Catocala epione*) [hickory]
Sweet Fern Underwing [Wayward Nymph] (*Catocala antinympha*) [sweet fern]
Habilis Underwing (*Catocala habilis*) [hickory/walnut]
Serene Underwing (*Catocala serena*) [hickory/walnut] *
Judith's Underwing (*Catocala judith*) [hickory/walnut]
Mourning Underwing (*Catocala flebilis*) [hickory] *
Obscure Underwing (*Catocala obscura*) [hickory/walnut]
Residua Underwing (*Catocala residua*) [hickory]
Yellow-Gray Underwing (*Catocala resecta*) [hickory/walnut]
Dejected Underwing (*Catocala dejecta*) [hickory] *
Old Wife Underwing (*Catocala palaeogama*) [hickory/walnut]
Youthful Underwing (*Catocala subnata*) [butternut/hickory]
The Bride (*Catocala neogama*) [hickory/butternut/walnut]
Ilia Underwing (*Catocala ilia*) [oak]
Yellow-banded Underwing (*Catocala cerogama*) [basswood]
White Underwing (*Catocala relictta*) [poplar/willow]
Once-Married Underwing (*Catocala unijuga*) [poplar/willow]
Meske's Underwing (*Catocala meskei*) [cottonwood/poplar/willow] *
Mother Underwing (*Catocala parta*) [poplar/willow]
Briseis Underwing (*Catocala briseis*) [poplar/willow]
Darling Underwing (*Catocala cara*) [poplar/willow]
Sleepy Underwing [Pink Underwing] (*Catocala concumbens*) [poplar/willow]
The Sweetheart (*Catocala amatrix*) [poplar/willow]
Graceful Underwing (*Catocala gracilis*) [blueberry] *
Sordid Underwing (*Catocala sordida*) [blueberry]
Andromeda Underwing (*Catocala andromedae*) [blueberry] *
Scarlet Underwing (*Catocala coccinata*) [oak]
Ultonia Underwing (*Catocala ultonia*) [cherry, apple+]
Hawthorn Underwing (*Catocala crataegi*) [hawthorn/apple+]
Charming Underwing (*Catocala blandula*) [hawthorn/apple+]
Wonderful Underwing (*Catocala mira*) [hawthorn]
Woody Underwing (*Catocala grynea*) [cherry, apple+]
Praeclara Underwing (*Catocala praeclara*) [chokeberry+]
Little Underwing (*Catocala minuta*) [honey locust]
Similar Underwing (*Catocala similis*) [oak]
Connubial Underwing (*Catocala connubialis*) [oak]
The Little Nymph (*Catocala micronympha*) [oak]
Girlfriend Underwing (*Catocala amica*) [oak]
Little Lined Underwing (*Catocala lineella*) [oak]

* not included in Beadle & Leckie (2012)

Figure-Seven Moth (*Drasteria grandirena*) [witch hazel]
Forage Looper (*Caenurgina erechtea*) [crops, grasses, low plants]
Maple Looper Moth (*Parallelia bistriaris*) [many, trees]
False Underwing (*Allotria elonympha*) [many, trees]
Lunate Zale (*Zale lunata*) [many]
Horrid Zale (*Zale horrida*) [viburnum]
Locust Underwing (*Euparthenos nubilis*) [black locust]
Velvetbean Caterpillar Moth (*Anticarsia gemmatalis*) [low plants]
Red-lined Panopoda (*Panopoda rufimargo*) [beech, oak]
Brown Panopoda (*Panopoda carneicosta*) [many, trees]
Dark Marathyssa (*Marathyssa inficita*) [sumac, poison ivy]
Eyed Paectes (*Paectes oculatrix*) [poison ivy]
Beautiful Eutelia (*Eutelia pulcherrimus*) [poison sumac]
Formosa Looper (*Chrysanympha formosa*) [blueberry+]
Celery Looper (*Anagrapha falcifera*) [many, low plants]
Eastern Panthea (*Panthea furcilla*) [conifers]
Black Zigzag (*Panthea acronyctoides*) [trees, conifers]
The Laugher (*Charadra deridens*) [many, trees]
American Dagger (*Acronicta americana*) [many, trees/shrubs]
Unmarked Dagger (*Acronicta innotata*) [many, trees]
Green Marvel (*Agriopodes fallax*) [viburnum]
Harris's Three-Spot (*Harrisimemna trisignata*) [many, trees/shrubs]
Tufted Bird-dropping Moth (*Cerma cerintha*) [apple, cherry]
Copper Underwing (*Amphipyra pyramidoides*) [many, trees/vines]
The Joker (*Feralia jocosa*) [many, trees (conifers)]
Major Sallow (*Feralia major*) [pine/spruce]
Pearly Wood Nymph (*Eudryas unio*) [low plants, vines]
Beautiful Wood Nymph (*Eudryas grata*) [low plants/vines]
Eight-spotted Forester (*Alypia octomaculata*) [vines]
Green Leuconycta (*Leuconycta diphtheroides*) [goldenrod/aster]
Primrose Moth (*Schinia florida*) [evening primrose]
Ragweed Flower Moth (*Schinia rivulosa*) [ragweed]
Corn Earworm (*Helicoverpa zea*) [many, low plants/crops]
Pink-shaded Fern Moth (*Callopietria mollissima*) [New York fern]
Pink-barred Pseudeustrotia (*Pseudeustrotia carneola*) [low plants]
Silver-spotted Fern Moth (*Callopietria cordata*) [ferns]
Olive Angle Shades (*Phlogophora iris*) [low plants]
Brown Angle Shades (*Phlogophora periculosa*) [many, trees/low plants]
Yellow-headed Cutworm (*Apamea amputatrix*) [many, trees/grasses/crops]
Iris Borer (*Macronoctua onusta*) [iris (roots)]
Turtlehead Borer (*Papaipema nepheleptena*) [turtlehead]
Osmunda Borer (*Papaipema speciosissima*) [royal fern]
Sensitive Fern Borer (*Papaipema inguaesita*) [sensitive fern]
Bracken Borer (*Papaipema ptersii*) [bracken fern]
Burdock Borer (*Papaipema cataphracta*) [many, low plants]

Stalk Borer (*Papaipema nebris*) [low plants, thick stems]
American Swordgrass (*Xylena nupera*) [many, trees/grasses]
Bethune's Pinion (*Lithophane bethunei*) [many, trees]
Nemeless Pinion (*Lithophane innominata*) [many, deciduous trees/shrubs]
Wanton Pinion (*Lithophane petulca*) [many, trees]
Hemina Pinion (*Lithophane hemina*) [many, deciduous trees]
Triple-spotted Pinion (*Lithophane laticinerea*) [many, deciduous trees]
Grote's Pinion (*Lithophane grotei*) [many, deciduous trees]
Mustard Sallow (*Pyreferra hesperidago*) [witch hazel/ironwood]
Straight-toothed Sallow (*Eupsilia vinulenta*) [many, deciduous trees]
Three-spotted Sallow (*Eupsilia tristigmata*) [many, deciduous trees]
Morrison's Sallow (*Eupsilia morrisoni*) [many, deciduous trees]
Unsated Sallow (*Metaxaglaea inulta*) [nannyberry, wayfaring tree]
Scalloped Sallow (*Eucirroedia pampina*) [many, deciduous trees/shrubs]
Bicolored Sallow (*Sunira bicolorago*) [many, deciduous trees/low plants]
Pink-barred Sallow (*Xanthia tatago*) [willow]
Cloaked Marvel (*Chytonix palliatricula*) [grasses, aster blossoms]
Grand Arches (*Lacanobia grandis*) [many, deciduous trees]
Green Arches (*Anaplectoides prasina*) [many, deciduous trees/low plants]

Note

Many collectors and observers are especially interested in three groups of large and conspicuous moths - **silk moths** (Saturniidae), **hawk moths** (Sphingidae), and **underwing moths** (Noctuidae, genus *Catocala*). For these groups, this list is an essentially complete record of the species that have been observed in Leverett. In the other groups, there are undoubtedly many additional species present that simply have not been recognized by this observer.

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Field Guides to Moths

Beadle, David & Seabrooke Leckie. 2012. *Peterson Field Guide to Moths of Northeastern North America*. Houghton Mifflin Harcourt: Boston/New York.

Covell, Charles V. Jr. 1984. *A Field Guide to the Moths of Eastern North America*. Houghton Mifflin Company: Boston. [Reprinted (with revisions), 2005. Virginia Museum of Natural History.]