

ENT-0094

Appendix 1: List of All Ohio Sphingidae Species and Associated Plants

ENT-0094-It's a Bird, It's a Plane, It's a Moth: The Sphinx Moths of Ohio

Species Name	Common Name	Known Feeding Plants of Adult	Host Plants of Larvae
<i>Aellopos fadus</i>	fadus sphinx	honeysuckle	family Rubiaceae, e.g., genip tree (<i>Genipa americana</i>), indigoberry (genus <i>Randia</i>)
<i>Amorpha juglandis</i>	walnut sphinx	none (adults non-feeding)	walnut, birch, chestnut, beech, hickory, pecan, hazelnut, butternut, cherry, alder, hop hornbeam/ironwood
<i>Amphion floridensis</i>	nessus sphinx	lilac, beauty bush, mock orange, phlox, blackberry, herb-Robert	grape, porcelain berry, Virginia creeper
<i>Ceratomia amyntor</i>	elm sphinx	Unknown	elm, basswood, black locust, beech, birch, oak, cherry
<i>Ceratomia catalpae</i>	catalpa sphinx	none (adults non-feeding)	Catalpa
<i>Ceratomia hageni</i>	Hagen's sphinx/Osage orange sphinx	Unknown	Osage orange
<i>Ceratomia undulosa</i>	waved sphinx	none (adults non-feeding)	white oak, ash, hawthorn, white fringe tree, privet
<i>Darapsa choerilus</i>	azalea sphinx	Japanese honeysuckle, bladder campion/maidenstears, snakeroot, meadowsweet, grass-leaved goldenrods, rose campion	azalea, viburnum, blueberry, spiderwort, tupelo, sheep laurel, rhododendron, grape, Virginia creeper
<i>Darapsa myron</i>	Virginia creeper sphinx	Japanese honeysuckle, rose campion	Virginia creeper, grape, porcelain berry, viburnum
<i>Deidamia inscriptum</i>	lettered sphinx	lilac, phlox	Virginia creeper, grape, porcelain berry
<i>Dolba hyloeus</i>	pawpaw sphinx	petunia, jasmine, bouncing bet, mimosa	pawpaw, sweet fern, inkberry, winterberry, blueberry
<i>Erinnyis ello</i>	ello sphinx	bouncing bet	papaya, spurge, poinsettia, guava, myrtle, saffron plum, golden trumpet, yucca, moth plant, peanut, satinleaf, bully trees, tomato

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Species Name	Common Name	Known Feeding Plants of Adult	Host Plants of Larvae
<i>Erinnyis obscura</i>	obscure sphinx	Unknown	papaya, dogbane, spurges, poinsettia, moth plant, genus <i>Cynanchum</i>
<i>Eumorpha achemon</i>	achemon sphinx	orchids, Japanese honeysuckle, phlox, petunia, mock orange, white campion	Virginia creeper, grape, porcelain berry, honeysuckle
<i>Eumorpha fasciatus</i>	Lesser vine sphinx	Unknown	water-primrose/primrose-willow, evening primrose, grape, fuchsia, magnolia, Virginia creeper
<i>Eumorpha pandorus</i>	pandorus sphinx	milkweed, peppers, horse nettle, Christmas berry, petunia, bouncing bet, white campion, mock orange, phlox	Virginia creeper, grape, porcelain berry
<i>Hemaris diffinis</i>	snowberry clearwing	honeysuckle, lilac, bee balm, phlox, American aloe, milkweed, thistles, Canada violet, dogbane, cherry, plum, red clover, mock orange, pickerelweed, snowberry, blueberry, muskeg tea, orange hawkweed, deerberry, orange-fruited horse gentian, knapweeds	honeysuckle, grape, dogbane, hawthorn, snowberry, viburnum, cherry, plum
<i>Hemaris gracilis</i>	slender clearwing	blackberry, raspberry, pickerelweed, dandelion, orange hawkweed, phlox, thistle	blueberry, heaths, sheep laurel
<i>Hemaris thysbe</i>	hummingbird clearwing	honeysuckle, bouncing bet, lilac, bee balm, phlox, milkweed, thistles, blackberry, red clover, mock orange, pickerelweed, blueberry, orange hawkweed, muskeg tea, snowberry, vetch, knapweeds	viburnum, honeysuckle, grape, dogbane, hawthorn, snowberry, cherry, plum
<i>Hyles gallii</i>	galium sphinx	bouncing bet, butterfly bush, purple coneflower, joe-pye weed	bedstraw, fireweed, evening primrose
<i>Hyles lineata</i>	white-lined sphinx	Japanese honeysuckle, petunia, phlox, bouncing bet, lilac, thistles, red clover, cardinal flower, columbine, evening primrose, hosta, jimsonweed, penstemons	fireweed, evening primrose, primrose, peony, purslane, apple, grape, four-o'clock flower, fuchsia, tomato, willowweed, penta
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Species Name	Common Name	Known Feeding Plants of Adult	Host Plants of Larvae
<i>Lapara bombycoides</i>	northern pine sphinx	Unknown	pine (e.g., tamarack/American larch, white pine, pitch pine)
<i>Lapara coniferarum</i>	southern pine sphinx	Unknown	pine (e.g., pitch pine, loblolly pine, longleaf pine)
<i>Lintneria eremitus</i>	hermit sphinx	Japanese honeysuckle, petunia, bouncing bet, catalpa	bee balm, mints, bugleweed, sage
<i>Manduca jasminearum</i>	ash sphinx	Unknown	ash, elm, lilac
<i>Manduca quinquemaculat</i>	five-spotted hawk moth	tobacco, Japanese honeysuckle, petunia, bouncing bet, phlox	tobacco, tomato, eggplant, peppers, potato
<i>Manduca sexta</i>	Carolina sphinx	Japanese honeysuckle, moonflower, petunia	tobacco, tomato, eggplant, peppers, potato
<i>Pachysphinx modesta</i>	modest sphinx	None (adults non-feeding)	poplar, aspen, cottonwood, willow
<i>Paonias astylus</i>	huckleberry sphinx	Unknown	huckleberry, blueberry, cherry, willow, bog rosemary
<i>Paonias excaecata</i>	blinded sphinx	None (adults non-feeding)	A wide range of trees, e.g., oak, chestnut, beech, cherry, hawthorn, ocean spray, basswood, willow, birch
<i>Paonias myops</i>	small-eyed sphinx	None (adults non-feeding)	A wide range of trees, e.g., cherry, huckleberry, serviceberry, chokecherry, basswood, grape, willow, poplar, apple, hawthorn, lilac, privet, greenleaf manzanita, birch, hazelnut
<i>Paratrea plebeja</i>	trumpet vine sphinx	honeysuckle, bouncing bet, verbena	trumpet creeper, passionflower, lilac, yellow trumpetbush
<i>Smerinthus cerisyi</i>	one-eyed sphinx	None (adults non-feeding)	poplar, willow, birch, elm, ash, apple, aspen, cottonwood
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Species Name	Common Name	Known Feeding Plants of Adult	Host Plants of Larvae
<i>Smerinthus jamaicensis</i>	twin-spotted sphinx	none (adults non-feeding)	poplar, willow, birch, elm, ash, apple, peach, plum
<i>Sphecodina abbottii</i>	Abbott's sphinx	lilac, viburnum, honeysuckle	grape, porcelain berry
<i>Sphinx chersis</i>	great ash sphinx	Japanese honeysuckle, bouncing bet, dogbane, evening primrose	ash, lilac, privet, white fringe tree, cherry, aspen
<i>Sphinx drupiferarum</i>	wild cherry sphinx	Japanese honeysuckle	cherry, plum, hackberry, apple, lilac, serviceberry, pear
<i>Sphinx luscitiosa</i>	Clemens' sphinx	honeysuckle, lilac, dandelion, Russian olive	willow, poplar, birch, apple, ash, bayberry, holly, alder, huckleberry, beech, meadowsweet, basswood
<i>Spinx kalmiae</i>	laurel sphinx	Japanese honeysuckle, bouncing bet, dogbane, evening primrose	white fringe tree, ash, honeysuckle, inkberry, catberry, sheep laurel, mountain laurel, beach plum, lilac, privet, poplar, mountain holly