

Verified Moth Species Observed in Brazoria County

Listed in order of most observations to fewest

	SPECIES*	HOST PLANTS**
1	Pink-spotted Hawkmoth	Saltmarsh Morning-Glory, Pawpaw, Jimsonweed
2	Southern Emerald	Beggarticks, Sunflowers, Coneflower, Cowpen Daisy
3	Mournful Sphinx	Peppervine, Sorrelvine, Virginia Creeper
4	Four-spotted Palpita Moth	Ligustrum species, Non-native Gardenia, Oleander
5	Black-bordered Lemon Moth	Saltmarsh Morning Glory, Smooth Crabgrass
7	Dyar's Lichen Moth	Lichens
8	Cellar Graphic	Pea family, Clovers, Wild Indigo
9	Exposed Bird Dropping Moth	Mallow species
10	Lantana Moth	Texas Lantana, Frogfruit
11	Zebra Conchylodes Moth	Aster family, Sunflowers
12	Green Oak-Slug Moth	Oak, Willow, Hackberry, Cherry
13	Dot-lined Angle	Acacia, Cassia
15	Southern Flannel Moth	Esperanza, Oaks, Mexican Ash, American Sycamore, Hackberry, Cedar Elm
17	Tersa Sphinx	Common Persimmon, Shrubby Yellowcrest
19	Ailanthus Webworm Moth	Paradise Tree, Non-native invasive Tree-of-Heaven
20	Melonworm Moth	Cultivated and wild cucurbits; squash, melons, pumpkins
21	Giant Leopard Moth	American Pokeweed, Broadleaf Plantain, Dandelion, Violet, Willow, Cherry
22	Yellow-collared Slug Moth	Hickory, Oak, Beech
24	Luna Moth	Pecan, Hickory, Walnut, Sweetgum, Common Persimmon
25	Red-bordered Emerald	Oaks
26	Imperial Moth	Black Elderberry, Smooth Arrowwood, Dogwood, Bald Cypress, Oak, Sweetgum
27	Florida Fern Moth	Ferns
29	Virginia Creeper Sphinx	Virginia Creeper, Native Grapes
30	Hag Moth	Oaks, Dogwoods, Hickory, Persimmon, and Willow
31	Little Nymph Underwing	Oaks
34	White-lined Sphinx	Amaranths, Black Elderberry, Fleabanes, Evening Primrose, Virginia Creeper
35	Banded Sphinx	Willow
38	Rustic Sphinx	Desert Willow, Common Sunflower, American Beautyberry
39	Walnut Sphinx	Walnut, Hickory, Alder
40	IO Moth	Coralberry, Dogwood, Oaks, Eastern Redbud, False Indigo, Turk's Cap, Sycamore
41	Salt Marsh Moth	Pigweed, Dog Fennel, Ground-cherry, Mallow, Chickweed
42	Pearly Wood-Nymph	Swamp Rose Mallow, Evening Primrose, Loosestrife
43	White-tipped Black	Snow on the Mountain, Snow on the Prairie
47	Polyphemus Moth	Oak, Birch, Willow
48	Virginian Tiger Moth	Dandelion, Plantain, Pigweed, Mallows
49	Regal Moth	Pecan, Hickory, Walnut, Common Persimmon, Buttonbush, American Sycamore
52	Vine Sphinx	Cow-itch Vine, Grapes
53	Pawpaw Sphinx	Pawpaw Tree
54	Cecropia Moth	Mexican Plum, Black Cherry, Dogwoods, Elms, Wax Myrtle, Ashes
55	Pandorus Sphinx	Peppervine, Virginia Creeper, Grapes
56	Orange-spotted Flower Moth	False Buttonweed, Non-native Pentas
57	Black Witch Moth	Pea Family, Texas Ebony, Mesquite
58	Honey Locust Moth	Honey Locust

* Species list compiled from iNaturalist observaton data through February 2026; www.inaturalist.org
58 notable (prettiest) of over 800 species.

** Not a complete list

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