

Butterfly & Moth Host Plants for Central Texas



This list serves as more than just a shopping list—it's a scavenger hunt, a field guide, and a challenge to view our native landscapes as a butterfly/moth food court! All butterflies & moths listed live here.

Some native plants can only be found in the wild, but check your backyard. I'm proud to say this is the most comprehensive host plant list for Central Texas (focusing on Travis & Williamson counties).

Looking to open your own butterfly restaurant? A list of species available for purchase is on our website.

-Linden, HCWG horticulturalist

Butterfly Education Resources

- Xerces Society for Insect Conservation
- Monarch Sanctuary Project
- Lady Bird Johnson Wildflower Center
- BAMONA
- Native Plant Society of Texas
- National Butterfly Center
- North American Butterfly Association
- iNaturalist
- Texas universities

PLANT		LEPIDOPTERA SPECIES	🇹🇽	🌸	\$
Acanthus Family (Acanthaceae):					
Flame Acanthus	<i>Anisacanthus quadrifidus</i>	Texan Crescent, Common Buckeye, Common Patch, Crimson Patch	🇹🇽	🌸	\$
Snakeherb	<i>Dyschoriste linearis</i>	Common Buckeye	🇹🇽	🌸	\$
Drummond's Petunia	<i>Ruellia drummondiana</i>	Common Buckeye, White Peacock	🇹🇽	🌸	
Violet Wild Petunia	<i>Ruellia nudiflora</i>	Texan Crescent, Common Buckeye, White Peacock	🇹🇽	🌸	
Western Wild Petunia	<i>Ruellia occidentalis</i>	Common Buckeye, White Peacock	🇹🇽	🌸	
Prairie Petunia	<i>Ruellia humilis</i>	Texan Crescent, Common Buckeye	🇹🇽	🌸	
Gregg's Tube-tongue	<i>Justicia pilosella</i>	Vesta Crescent, Texan Crescent, Elada Checkerspot	🇹🇽	🌸	\$
Branched Foldwing	<i>Dicliptera brachiata</i>	Texan Crescent	🇹🇽	🌸	
Maple Family (Aceraceae):					
Box Elder	<i>Acer negundo</i>	Polyphemus Moth, Io Moth, Imperial Moth, Cecropia Moth, Small Heterocampa, Mourning Cloak, Banded Hairstreak	🇹🇽	🌸	
Fig-Marigold Family (Aizoaceae):					
Desert Horse Purslane	<i>Trianthema portulacastrum</i>	Western Pygmy Blue	🇹🇽	🌸	
Sweetgum Family (Altingiaceae):					
American Sweetgum	<i>Liquidambar styraciflua</i>	Luna Moth, Imperial Moth, Harris Three Spot, Io Moth	🇹🇽		
Amaranth Family (Amaranthaceae):					
Common Lambsquarters	<i>Chenopodium album</i>	Western Pygmy Blue, White-lined Sphinx, Hayhurt's Scallopwing	🇹🇽		
Amaryllis Family (Amaryllidaceae):					
Evening Rain Lily	<i>Cooperia drummondii</i>	Etched Cerathosia, Straight-lined Cydosia	🇹🇽	🌸	
Hill Country Rain Lily	<i>Cooperia pedunculata</i>	Etched Cerathosia, Straight-lined Cydosia	🇹🇽	🌸	

*For adult butterflies & moths—All species on this list offer nectar and/or benefits to pollinators (bees!) & other wildlife.



Sumac Family (Anacardiaceae):					
Evergreen Sumac	<i>Rhus virens</i>	Dusky Blue Groundstreak (leaf litter), Red-banded Hairstreak (leaf litter)	✚	✿	
Prairie Flameleaf Sumac	<i>Rhus lanceolata</i>	Dusky Blue Groundstreak (leaf litter), Red-banded Hairstreak (leaf litter)	✚	✿	\$
Poison Ivy	<i>Toxicodendron radicans</i>	Dusky Blue Groundstreak (leaf litter)	✚	✿	
Carrot Family (Apiaceae):					
Dill	<i>Anethum graveolens</i>	Black Swallowtail		✿	\$
Fennel	<i>Foeniculum vulgare</i>	Black Swallowtail		✿	\$
Parsley	<i>Petroselinum crispum</i>	Black Swallowtail		✿	\$
Queen Anne's Lace	<i>Daucus carota</i>	Black Swallowtail		✿	
Texas Prairie Parsley	<i>Polytaenia texana</i>	Black Swallowtail	✚	✿	
Rattlesnake Master	<i>Eryngium yuccifolium</i>	Black Swallowtail	✚	✿	\$
Prairie Bishop	<i>Bifora americana</i>	Black Swallowtail	✚	✿	
Marsh Parsley	<i>Cyclospermum leptophyllum</i>	Black Swallowtail	✚	✿	
Dogbane Family (Apocynaceae):					
Butterflyweed	<i>Asclepias tuberosa</i>	Gray Hairstreak, Monarch, Queen, Soldier	✚	✿	\$
Fringed Twinevine	<i>Funastrum cynanchoides</i>	Soldier, Obscure Sphinx	✚	✿	
Pearl Milkweed Vine	<i>Matelea reticulata</i>	Lassaux's Sphinx, Milkweed Tussock Moth	✚	✿	
Bearded Swallow-wort	<i>Cynanchum barbigerum</i>	Obscure Sphinx	✚	✿	
Antelope-horns	<i>Asclepias asperula</i>	Monarch (preferred), Queen, Straight-lined Cydosis	✚	✿	\$
Swamp Milkweed	<i>Asclepias incarnata</i>	Monarch, Queen	✚	✿	\$
Zizotes Milkweed	<i>Asclepias oenotheroides</i>	Monarch (preferred), Queen	✚	✿	\$
Green Milkweed	<i>Asclepias viridis</i>	Monarch (preferred), Queen	✚	✿	\$
Talayote	<i>Cynanchum racemosum</i>	Monarch, Soldier	✚	✿	
Plateau Milkvine	<i>Matelea edwardsensis</i>	Queen	✚	✿	
Wavy-leaf Milkvine	<i>Funastrum crispum</i>	Queen, Soldier, Monarch	✚	✿	
Holly Family (Aquifoliaceae):					
Yaupon Holly	<i>Ilex vomitoria</i>	Henry's Elfin	✚	✿	\$
Possumhaw Holly	<i>Ilex decidua</i>	Henry's Elfin, Pawpaw Sphinx	✚	✿	\$
Birthwort Family (Aristolochiaceae):					
Swanflower	<i>Aristolochia erecta</i>	Pipeline Swallowtail	✚		
Woolly Dutchman's Pipe	<i>Aristolochia tomentosa</i>	Pipeline Swallowtail	✚		
Texas Dutchman's Pipe	<i>Aristolochia reticulata</i>	Pipeline Swallowtail	✚		
White-veined Pipeline	<i>Aristolochia fimbriata</i>	Pipeline Swallowtail			\$
Northern Spicebush	<i>Lindera benzoin</i>	Spicebush Swallowtail, Imperial Moth	✚		
Asparagus Family (Asparagaceae):					
Twistleaf Yucca	<i>Yucca rupicola</i>	Yucca Giant Skipper, Strecker's Giant Skipper	✚	✿	\$
Buckley's Yucca	<i>Yucca constricta</i>	Yucca Giant Skipper, Strecker's Giant Skipper	✚	✿	\$
Aster Family (Asteraceae):					
Black-eyed Susan	<i>Rudbeckia hirta</i>	Silvery Checkerspot, Bordered Patch	✚	✿	\$
Sunflowers	<i>Helianthus species</i>	Silvery Checkerspot, Bordered Patch, Painted Lady, American Lady, Gorgone Checkerspot, Rustic Sphinx, Southern Emerald	✚	✿	\$
Fall Aster	<i>Symphyotrichum oblongifolium</i>	American Lady, Silvery Checkerspot	✚	✿	\$
Coneflowers	<i>Echinacea species</i>	Pearl Crescent	✚	✿	\$
Gayflowers	<i>Liatris species</i>	Bleeding Flower Moth	✚	✿	\$
Texas Groundsel	<i>Senecio ampullaceus</i>	American Lady	✚	✿	
Rosinweed	<i>Silphium species</i>	Bordered Patch	✚	✿	\$
Annual Ragweed	<i>Ambrosia artemisiifolia</i>	Bordered Patch	✚		
Texas Thistle	<i>Cirsium texanum</i>	Painted Lady	✚	✿	\$
Bristle Thistle	<i>Cirsium horridulum</i>	Painted Lady	✚	✿	
Camphorweed	<i>Heterotheca subaxillaris</i>	Bordered Patch	✚	✿	
Yellow Sneezeweed	<i>Helenium amarum</i>	Painted Lady, Dainty Sulphur	✚	✿	
Drummond's Aster	<i>Symphyotrichum drummondii</i>	Pearl Crescent	✚	✿	
White Heath Aster	<i>Symphyotrichum ericoides</i>	Pearl Crescent	✚	✿	

Shrubby Boneset	<i>Ageratina havanensis</i>	Rawson's Metalmark, Bordered Patch	☛	✿	\$
Giant Ragweed	<i>Ambrosia trifida</i>	Bordered Patch, Gorgon Checkerspot, Ragweed Flower Moth, Thoreau's Flower Moth, Olive-shaded Bird-dropping Moth, Forage Looper Moth	☛		
Prairie Broomweed	<i>Amphiachyris dracunculoides</i>	Chrysellus Flower Moth, Green Broomweed Looper Moth	☛	✿	
Beggarticks	<i>Bidens aristolosa, bipinnata, & alba</i>	Mobile Groundling, Southern Emerald, Dainty Sulphur	☛	✿	
Blanket Flower	<i>Gaillardia pulchella</i>	Painted Schinia, Bina Flower Moth, Bordered Patch, Common Buckeye	☛	✿	\$
Great Coneflower	<i>Rudbeckia maxima</i>	Southern Emerald, Silvery Checkerspot	☛	✿	\$
Cowpen Daisy	<i>Verbesina encelioides</i>	Gilded Seedcrafter, Bordered Patch, Bina Flower Moth, Alluring Schinia, Southern Emerald	☛	✿	
Zexmenia	<i>Wedelia acapulcensis</i>	Bordered Patch	☛	✿	\$
Western Ironweed	<i>Vernonia baldwinii</i>	Parthenice Tiger Moth, Painted Lady	☛	✿	
Blue mistflower	<i>Chromolaena odorata</i>	Yellow-winged Pareuchaetes, Gaudy Sphinx, Rounded Metalmark	☛	✿	
Broom Snakeweed	<i>Gutierrezia sarothrae</i>	Green Broomweed Looper Moth	☛	✿	
Texas Snakeweed	<i>Gutierrezia texana</i>	Green Broomweed Looper Moth	☛	✿	
Fineleaf Four-nerved Daisy	<i>Tetrameuris linearifolia</i>	Bina Flower Moth	☛	✿	\$
Greenthreads	<i>Thelesperma species</i>	Dainty Sulphur	☛	✿	
Gregg's Blue Mistflower	<i>Conoclinium greggii</i>	Rawson's Metalmark	☛	✿	\$
Common Yarrow	<i>Achillea millefolium</i>	Painted Lady	☛	✿	\$
Silver Wormwood	<i>Artemisia ludoviciana</i>	Painted Lady, American Lady	☛		\$
American Basketflower	<i>Plectocephalus americanus</i>	Painted Lady	☛	✿	
Frostweed	<i>Verbesina virginica</i>	Bordered Patch, Silvery Checkerspot	☛	✿	\$
Canadian Horseweed	<i>Conyza canadensis</i>	Silvery Checkerspot	☛	✿	
Trumpet Creeper (Bignoniaceae):					
Southern Catalpa	<i>Catalpa bignonioides</i>	Tersa Sphinx	☛	✿	\$
Desert Willow	<i>Chilopsis linearis</i>	Rustic Sphinx	☛	✿	\$
Esperanza	<i>Tecoma stans</i>	Plebeian Sphinx, Southern Flannel Moth, Rustic Sphinx	☛	✿	\$
Trumpet Creeper	<i>Campsis radicans</i>	Plebeian Sphinx, Waved Sphinx, Grapevine Epimenis	☛	✿	\$
Crossvine	<i>Bignonia capreolata</i>	Plebeian Sphinx	☛	✿	\$
Borage Family (Boraginaceae):					
Blue Curls	<i>Phacelia congesta</i>	Painted Lady	☛	✿	\$
Mustard Family (Brassicaceae):					
Western Tansymustard	<i>Descurainia pinnata</i>	Cabbage White, Checkered White	☛	✿	
Cabbages	<i>Brassica species</i>	Cabbage White, Checkered White			\$
Sweet Alyssum	<i>Lobularia maritima</i>	Cabbage White, Checkered White		✿	\$
Virginia Peppergrass	<i>Lepidium virginicum</i>	Falcate Orangetip, Cabbage White, Checkered White	☛	✿	
Brazos Rockcress	<i>Arabis petiolaris</i>	Falcate Orangetip, Cabbage White, Checkered White	☛	✿	
Cactus Family (Cactaceae):					
Prickly Pears	<i>Opuntia species</i>	Julia's Dicymolomia Moth	☛	✿	\$
Canna Family (Cannaceae):					
Water Canna	<i>Canna glauca</i>	Brazilian Skipper	☛	✿	\$
Hemp Family (Cannabaceae):					
Sugar Hackberry	<i>Celtis laevigata</i>	American Snout, Hackberry Emperor, Tawny Emperor, Question Mark, Mourning Cloak, Small Heterocampa, Io Moth, Southern Flannel Moth	☛		
Caper Family (Capparidaceae):					
Redwhisker Clammyweed	<i>Polanisia dodecandra</i>	Checkered White, Cabbage White, Great Southern White	☛	✿	
Nasturium	<i>Tropaeolum species</i>	Great Southern White		✿	\$
Honeysuckle Family (Caprifoliaceae):					
Coral Honeysuckle	<i>Lonicera sempervirens</i>	Snowberry Clearwing	☛	✿	\$
Coralberry	<i>Symphoricarpos orbiculatus</i>	Io Moth, Harris Three Spot	☛	✿	\$
American Black Elderberry	<i>Sambucus nigra</i>	Imperial Moth, White-lined Sphinx	☛	✿	\$
Morning Glory Family (Convolvulaceae):					
Lindheimer's Morning-glory	<i>Ipomoea lindheimeri</i>	Pink-spotted Hawkmoth, Black-bordered Lemon Moth	☛	✿	
Sweet Potato Vine	<i>Ipomoea batatas</i>	Pink-spotted Hawkmoth, Black-bordered Lemon Moth		✿	\$
Dogwood Family (Cornaceae):					

Roughleaf Dogwood	<i>Cornus drummondii</i>	Io Moth, Imperial Moth, Small Heterocampa	✚	✿	\$
Stonecrop Family (Crassulaceae):					
Yellow Stonecrop	<i>Sedum nuttallianum</i>	Gray Hairstreak, Common Buckeye, Variegated Fritillary	✚	✿	
Cypress Family (Cupressaceae):					
Ashe Juniper	<i>Juniperus ashei</i>	Juniper Hairstreak, Van Buskirk's Sphinx	✚		
Eastern Red Cedar	<i>Juniperus virginiana</i>	Juniper Hairstreak, Imperial Moth, Lemmer's Pinion	✚		\$
Bald Cypress	<i>Taxodium distichum</i>	Imperial Moth	✚		\$
Sedge Family (Cyperaceae):					
Sedges	<i>Carex species</i>	Henry's Marsh Moth	✚		\$
Ebony Family (Ebenaceae):					
Texas Persimmon	<i>Diospyros texana</i>	Hypocala Moth, Gray Hairstreak, Henry's Elfin	✚	✿	\$
American Persimmon	<i>Diospyros virginiana</i>	Hypocala Moth, Luna Moth, Torsa Sphinx, Imperial Moth, Harris Three Spot, Large Tolyte Moth	✚	✿	\$
Heath Family (Ericaceae):					
Blueberries	<i>Vaccinium virgatum</i>	Henry's Elfin, Azalea Sphinx, Pawpaw Sphinx, Large Lace-border, Forage Looper Moth, Harris Three Spot	✚		\$
Azaleas	<i>Rhododendron species</i>	Azalea Sphinx		✿	
Spurge Family (Euphorbiaceae):					
Lindheimer's Hogwort	<i>Croton capitatus var. lindheimeri</i>	Goatweed Leafwing, Tropical Leafwing, Gray Hairstreak	✚		
Bush Croton	<i>Croton fruticosus</i>	Goatweed Leafwing, Tropical Leafwing, Gray Hairstreak	✚		
Skunkweed	<i>Croton texensis</i>	Goatweed Leafwing	✚		
Prairie Tea	<i>Croton monanthogynus</i>	Goatweed Leafwing	✚		
Mouse's Eye	<i>Bernardia myricifolia</i>	Lacey's Scrub Hairstreak	✚		
Noseburns	<i>Tragia species</i>	Common Mestra	✚		
Wild Poinsettia	<i>Euphorbia cyathophora</i>	Ello Sphinx	✚	✿	
Snow on the Mountain		White-tipped Black	✚	✿	
Bull Nettles		Ello Sphinx	✚	✿	
Pea Family (Fabaceae):					
Lindheimer's Senna	<i>Senna lindheimeriana</i>	Cloudless Sulphur, White-angled Sulphur, Orange-barred Sulphur, Mexican Yellow, Tailed Orange, Sleepy Orange	✚	✿	\$
Twoleaf Senna	<i>Senna roemeriana</i>	Sleepy Orange, Cloudless Sulphur, Tailed Orange, Orange Sulphur	✚	✿	\$
Common Tree Senna	<i>Senna corymbosa</i>	Cloudless Sulphur, White-angled Sulphur		✿	\$
Candlestick Tree	<i>Senna alata</i>	Black Witch, Cloudless Sulphur, White-angled Sulphur, Sleepy Orange, Large Orange Sulphur		✿	\$
Popcorn Senna	<i>Senna didymobotrya</i>	Cloudless Sulphur, White-angled Sulphur, Sleepy Orange		✿	\$
Partridge Pea	<i>Chamaecrista fasciculata</i>	Cloudless Sulphur, Little Yellow, Ceraunus Blue, Orange Sulphur, Sleepy Orange, Io Moth	✚	✿	
Texas Kidneywood	<i>Eysenhardtia texana</i>	Southern Dogface, Silver-spotted Skipper	✚	✿	\$
Gregg Dalea	<i>Dalea greggii</i>	Southern Dogface, Ceraunus Blue	✚	✿	\$
Black Dalea	<i>Dalea frutescens</i>	Southern Dogface, Reakirt's Blue, Ceraunus Blue	✚	✿	\$
False Indigo Bush	<i>Amorpha fruticosa</i>	Southern Dogface, Marine Blue, Gray Hairstreak, Silver-spotted Skipper, Forage Looper Moth	✚	✿	\$
Honey Mesquite	<i>Neltuma glandulosa</i>	Black Witch, Reakirt's Blue, Heiligbrodt's Mesquite Moth, Ceraunus Blue, Io Moth, Indomitable Graphic, Heiligbrodt's Mesquite Moth	✚	✿	\$
Cream Wild Indigo	<i>Baptisia bracteata</i>	Wild Indigo Duskywing	✚	✿	
Rattlebush	<i>Sesbania drummondii</i>	Funereal Duskywing, Long-tailed Skipper, Gray Hairstreak, Orange Sulphur, Silver-spotted Skipper	✚	✿	
Mimosas	<i>Mimosa species</i>	Black Witch, Long-tailed Skipper, Silver-spotted Skipper, Little Yellow, Mimosa Yellow, White-striped Longtail	✚	✿	\$
Texas Mountain Laurel	<i>Sophora secundiflora</i>	Long-tailed Skipper, Silver-spotted Skipper, Henry's Elfin, Genista Broom Moth	✚	✿	\$
Ground Plum	<i>Astragalus crassicaarpus</i>	Orange Sulphur, Gray Hairstreak	✚	✿	
Panicleleaf Ticktrefoil	<i>Desmodium paniculatum</i>	Long-tailed Skipper, Dorantes Longtail, White Striped Longtail, Eastern Tailed-blue	✚	✿	
Simpleleaf Ticktrefoil	<i>Desmodium psilophyllum</i>	Northern Cloudywing, Dorantes Longtail	✚	✿	
Texas Bluebonnet	<i>Lupinus texensis</i>	Eastern Tailed-blue, Gray Hairstreak, Northern Cloudywing, Henry's Elfin	✚	✿	\$
Redbud	<i>Cercis canadensis</i>	Henry's Elfin, Io Moth	✚	✿	\$
Eastern Milk-Pea	<i>Galactia regularis</i>	Cassius Blue, Io Moth	✚	✿	
Prairie Acacia	<i>Acaciella angustissima</i>	Reakirt's Blue, Ceraunus Blue, Mexican Yellow	✚	✿	
Pigeonwings	<i>Clitoria mariana</i>	Funereal Duskywing, Long-tailed Skipper, Dorantes Longtail	✚	✿	
Honey Locust	<i>Gleditsia triacanthos</i>	Walnut Caterpillar Moth, Io Moth, Imperial Moth, Ceraunus Blue, Marine Blue, Reakirt's Blue	✚	✿	



HILL COUNTRY
**WATER
GARDENS**
& NURSERY

Blackbrush Acacia	<i>Vachellia rigidula</i>	Black Witch	☛	☼	
Scarlet Pea	<i>Indigofera miniata</i>	Funereal Duskywing, Ceraunus Blue	☛	☼	
Bundleflowers	<i>Desmanthus species</i>	Ceraunus Blue, Reakirt's Blue	☛	☼	
American Wisteria	<i>Wisteria frutescens</i>	Long-tailed Skipper, Silver-spotted Skipper, Marine Blue	☛	☼	\$
Anacacho Orchid Tree	<i>Bauhinia lunarioides</i>	Cassius Blue, Long-tailed Skipper	☛	☼	\$
Beech Family (Fagaceae):					
Oak species (generalist)	<i>Quercus species</i>	Gray Hairstreak, Short-tailed Skipper, Southern Flannel Moth, Horace's Duskywing, Io Moth, The Bride	☛		\$
Bur Oak	<i>Quercus macrocarpa</i>	Banded Hairstreak, Juvenal's Duskywing, Little Nymph Underwing, Elm Sphinx	☛		\$
Post Oak	<i>Quercus stellata</i>	Northern Oak Hairstreak, Polyphemus Moth, Little Nymph Underwing, Eastern Buck Moth	☛		
Chinkapin Oak	<i>Quercus muehlenbergii</i>	Imperial Moth, Georgian Prominent, Eastern Buck Moth	☛		\$
Red Oaks	<i>Quercus species</i>	Ilia Underwing, Red-bordered Emerald, Eastern Buck Moth, Georgian Prominent, Polyphemus Moth, Imperial Moth, Wave Sphinx	☛		\$
Texas Live Oak	<i>Quercus fusiformis</i>	Grote's Buck Moth, Eastern Buck Moth	☛		\$
Walnut Family (Juglandaceae):					
Texas Black Walnut	<i>Juglans microcarpa</i>	Walnut Caterpillar Moth, Walnut Sphinx, Luna Moth, Bride Underwing, Sad Underwing, False Underwing, Io Moth	☛		
Pecan	<i>Carya illinoensis</i>	Luna Moth, Walnut Caterpillar Moth, False Underwing, Walnut Sphinx, Io Moth, Agrippina Underwing	☛		\$
Juncus Family (Juncaceae):					
Rushes	<i>Juncus species</i>	Henry's Marsh Moth	☛		\$
Mint Family (Lamiaceae):					
Mealy Blue Sage	<i>Salvia farinacea</i>	Inornate Pyrausta Moth	☛	☼	\$
American Beautyberry	<i>Callicarpa americana</i>	Rustic Sphinx	☛	☼	\$
Laurel Family (Lauraceae):					
Red Bay	<i>Persea borbonia</i>	Palamedes Swallowtail	☛		
Flax Family (Linaceae):					
Flax	<i>Linum species</i>	Variegated Fritillary	☛	☼	
Malpighia Family (Malpighiaceae):					
Barbados Cherry	<i>Malpighia glabra</i>	White Patched Skipper, Cassius Blue, Funereal Duskywing	☛	☼	\$
Mallow Family (Malvaceae):					
False Mallows	<i>Sida species</i>	Painted Lady, Mallow Scrub-hairstreak	☛	☼	
Turk's Cap	<i>Malvaviscus arboreus</i> var. <i>drummondii</i>	Turks Cap White Skipper, Io Moth	☛	☼	\$
Texas Indian Mallow	<i>Abutilon fruticosum</i>	Mallow Scrub-hairstreak, Laviana White Skipper, Texas Powdered Skipper, Common Streaky-skipper	☛	☼	
Wright's False Mallow	<i>Malvastrum aurantiacum</i>	Tropical Checkered Skipper	☛	☼	
Velvet-leaf Mallow	<i>Allowissadula holosericea</i>	Common Streaky-skipper, Texas Powdered Skipper	☛	☼	
Winecup	<i>Callirhoe involucrata</i>	Gray Hairstreak	☛	☼	\$
Crimson-eyed Rose-mallow	<i>Hibiscus moscheutos</i>	Io Moth	☛	☼	\$
Maranta Family (Marantaceae):					
Powdery Alligator-flag	<i>Thalia dealbata</i>	Brazilian Skipper	☛	☼	\$
Moonseed Family (Menispermaceae):					
Carolina Snailseed	<i>Nephroia carolina</i>	Moonseed Moth	☛		
Mulberry Family (Moraceae):					
Osage Orange	<i>Maclura pomifera</i>	Hagen's Sphinx	☛		
Mulberries	<i>Morus species</i>	Io Moth	☛	☼	\$
Bayberry Family (Myricaceae):					
Wax Myrtle	<i>Myrica cerifera</i>	Banded Hairstreak, Red-banded Hairstreak, Imperial Moth, Cecropia Moth, Polyphemus Moth, Io Moth, Forage Looper Moth	☛		\$
Four O'Clock Family (Nyctaginaceae)					
Scarlet Spiderling	<i>Boerhavia coccinea</i>	White-lined Sphinx, Variegated Fritillary	☛	☼	
Olive Family (Oleaceae):					
Ash	<i>Fraxinus species</i>	Waved Sphinx, Io Moth, Harris Three Spot, Rustic Sphinx, Eastern Tiger Swallowtail, Twin-spotted Sphinx, Southern Flannel Moth	☛		



Evening Primrose Family (Onagraceae):					
Mexican Primrose-Willow	<i>Ludwigia octovalvis</i>	Banded Sphinx	✚	✿	
Scarlet Gaura	<i>Oenothera suffrutescens</i>	Clouded Crimson, White-lined Sphinx	✚	✿	\$
Lindheimer's Gaura	<i>Oenothera lindheimeri</i>	Clouded Crimson, White-lined Sphinx	✚	✿	\$
Passionvine Family (Passifloraceae):					
Maypop Passionflower	<i>Passiflora incarnata</i>	Gulf Fritillary, Variegated Fritillary	✚	✿	\$
Yellow Passionflower	<i>Passiflora lutea</i>	Gulf Fritillary, Julia Heliconian, Zebra Heliconian, Mexican Silverspot	✚	✿	
Birdwing Passionflower	<i>Passiflora tenuiloba</i>	Gulf Fritillary	✚	✿	
Bracted Passionflower	<i>Passiflora affinis</i>	Gulf Fritillary, Zebra Heliconian	✚	✿	
Stinking Passionflower	<i>Passiflora foetida</i>	Gulf Fritillary, Variegated Fritillary	✚		
Plantain Family (Plantaginaceae):					
Plantains	<i>Plantago species</i>	Common Buckeye, White-lined Sphinx	✚		
Plane Tree Family (Platanaceae):					
American Sycamore	<i>Platanus occidentalis</i>	Sycamore Tussock Moth, Drab Prominent, Io Moth, Imperial Moth, Southern Flannel Moth	✚		
Plumbago Family (Plumbaginaceae):					
Blue Plumbago	<i>Plumbago auriculata</i>	Cassius Blue		✿	\$
Grass Family (Poaceae):					
Big Bluestem	<i>Andropogon gerardi</i>	Common Wood Nymph	✚		\$
Sideoats Grama	<i>Bouteloua curtipendula</i>	Green Skipper, Orange Skipperling	✚		\$
Blue Grama	<i>Bouteloua gracilis</i>	Green Skipper	✚		
Buffalograss	<i>Bouteloua dactyloides</i>	Green Skipper	✚		\$
Southern Crabgrass	<i>Digitaria ciliaris</i>	Southern Broken-dash, Fiery Skipper			
Hairy Woollygrass	<i>Erioneuron pilosum</i>	Green Skipper	✚		
Rice Cutgrass	<i>Leersia oryzoides</i>	Least Skipper	✚		
Witchgrass	<i>Panicum capillare</i>	Clouded Skipper	✚		
Little Bluestem	<i>Schizachyrium scoparium</i>	Common Wood Nymph, Celia's Roadside Skipper	✚		\$
Purpletop Tridens	<i>Tridens flavus</i>	Common Wood Nymph	✚		
Purslane Family (Portulacaceae):					
Purslanes	<i>Portulaca species</i>	White-lined Sphinx	✚	✿	\$
Buttercup Family (Ranunculaceae):					
Old Man's Beard	<i>Clematis drummondii</i>	Fatal Metalmark	✚	✿	
Buckthorn Family (Rhamnaceae):					
Carolina Buckthorn	<i>Frangula caroliniana</i>	Gray Hairstreak, Painted Lady	✚		\$
Rose Family (Rosaceae):					
Mexican Plum	<i>Prunus mexicana</i>	Cecropia Moth, Polyphemus Moth, Large Tolyte Moth, Banded Hairstreak, Eastern Tiger Swallowtail, Two-tailed Swallowtail, Viceroy, Io Moth, Red-spotted Purple, White-lined Sphinx, Twin-spotted Sphinx	✚	✿	\$
Escarpment Black Cherry	<i>Prunus serotina var. eximia</i>	Cecropia Moth, Polyphemus Moth, Large Tolyte Moth, Banded Hairstreak, Eastern Tiger Swallowtail, Two-tailed Swallowtail, Viceroy, Io Moth, Red-spotted Purple, White-lined Sphinx, Twin-spotted Sphinx	✚	✿	
Blackberries	<i>Rubus species</i>	Io Moth, White-lined Sphinx	✚	✿	\$
Madder Family (Rubiaceae):					
Pentas	<i>Pentas species</i>	Tersa Sphinx		✿	\$
Firebush	<i>Hamelia patens</i>	Tersa Sphinx		✿	\$
Rough Buttonweed	<i>Hexasepalum teres</i>	Tersa Sphinx	✚	✿	
Buttonbush	<i>Cephalanthus occidentalis</i>	Titan Sphinx, Harris Three Spot	✚	✿	\$
Rue Family (Rutaceae):					
Common Rue	<i>Ruta graveolens</i>	Western Giant Swallowtail, Eastern Giant Swallowtail, Black Swallowtail			\$
Hercules' Club	<i>Zanthoxylum clava-herculis</i>	Western Giant Swallowtail, Eastern Giant Swallowtail	✚	✿	
Wafer Ash	<i>Ptelea trifoliata</i>	Western Giant Swallowtail, Eastern Giant Swallowtail, Eastern Tiger Swallowtail, Two-tailed Swallowtail	✚	✿	
Citrus	<i>Citrus species</i>	Western Giant Swallowtail, Eastern Giant Swallowtail		✿	\$
Limestone Prickly Ash	<i>Zanthoxylum fagara</i>	Northern Sicklewing, Eastern Giant Swallowtail, Western Giant Swallowtail	✚		
Willow Family (Salicaceae):					



Eastern Cottonwood	<i>Populus deltoides</i>	Viceroy, Mourning Cloak, Eastern Tiger Swallowtail, Western Giant Swallowtail, Eastern Giant Swallowtail, Modest Sphinx, Gray Furcula, Sweetheart Underwing, Common Gluphisia, Twin-spotted Sphinx	✚		
Black Willow	<i>Salix nigra</i>	Red Spotted Purple, Viceroy, Mourning Cloak, Eastern Tiger Swallowtail, Two-tailed Swallowtail, Polyphemus Moth, Io Moth, Common Gluphisia, Harris Three Spot, Twin-spotted Sphinx	✚		
Sandalwood Family (Santalaceae):					
American Mistletoe	<i>Phoradendron leucarpum</i>	Great Purple Hairstreak, Beloved Emarginea	✚		
Soapberry Family (Sapindaceae):					
Mexican Buckeye	<i>Ungnadia speciosa</i>	Henry's Elfin	✚	✿	
Western Soapberry	<i>Sapindus saponaria</i>	Soapberry Hairstreak	✚	✿	
Sapodilla Family (Sapotaceae):					
Gum Bumelia	<i>Sideroxylon lanuginosum</i>	Red-tailed Specter, Harvey's Prominent, Speckled Lactura, Orange-banded Prominent	✚	✿	
Figwort Family (Scrophulariaceae):					
Texas Sage	<i>Leucophyllum frutescens</i>	Theona Checkerspot	✚	✿	\$
Snapdragon Vine	<i>Maurandella antirrhiniflora</i>	Common Buckeye	✚	✿	
Prairie False Foxglove	<i>Agalinis edwardsiana</i>	Common Buckeye	✚	✿	
Water Hyssop	<i>Bacopa monnieri</i>	White Peacock	✚	✿	\$
Texas Paintbrush	<i>Castilleja indivisa</i>	Common Buckeye	✚	✿	\$
Texas Toadflax	<i>Nuttallanthus texanus</i>	Common Buckeye, White-lined Sphinx	✚	✿	
Woolly Stemodia	<i>Stemodia lanata</i>	Twintip Buckeye (& potential hybrids with Common Buckeye)	✚	✿	\$
Foxglove Penstemon	<i>Penstemon cobaea</i>	Common Buckeye	✚	✿	
Smilax Family (Smilacaceae):					
Roundleaf Greenbrier	<i>Smilax rotundifolia</i>	Curved-lined Owlet, Spotted Phosphila	✚		
Nightshade Family (Solanaceae):					
Jimsonweed	<i>Datura wrightii</i>	Carolina Sphinx, Pink-spotted Hawkmoth, Five-spotted Hawkmoth	✚	✿	\$
Cutleaf Groundcherry	<i>Physalis angulata</i>	Carolina Sphinx, Five-spotted Hawkmoth	✚		
Yellow Groundcherry	<i>Physalis crassifolia</i>	Carolina Sphinx, Five-spotted Hawkmoth	✚		
Tobacco	<i>Nicotiana species</i>	Carolina Sphinx, Five-spotted Hawkmoth			
Tomato	<i>Solanum lycopersicum</i>	Carolina Sphinx, Five-spotted Hawkmoth			\$
Pepper	<i>Capsicum annuum</i>	Carolina Sphinx, Five-spotted Hawkmoth			\$
Eggplant	<i>Solanum melongena</i>	Carolina Sphinx, Five-spotted Hawkmoth			\$
Potato	<i>Solanum tuberosum</i>	Carolina Sphinx, Five-spotted Hawkmoth			\$
Chile Pequin	<i>Capsicum annuum var. glabriusculum</i>	Carolina Sphinx, Five-spotted Hawkmoth	✚		\$
Silverleaf Nightshade	<i>Solanum elaeagnifolium</i>	Carolina Sphinx, Five-spotted Hawkmoth	✚	✿	
Cattail Family (Typhaceae):					
Southern Cattail	<i>Typha domingensis</i>	Henry's Marsh Moth, Julia's Dicomolomia Moth	✚		
Broadleaf Cattail	<i>Typha latifolia</i>	Henry's Marsh Moth, Julia's Dicomolomia Moth	✚		\$
Elm Family (Ulmaceae):					
Cedar Elm	<i>Ulmus crassifolia</i>	Elm Sphinx, Question Mark, Mourning Cloak, Southern Flannel Moth, Tawny Emperor, Hackberry Emperor, Large Lace Emperor, Twin-spotted Sphinx	✚		\$
American Elm	<i>Ulmus americana</i>	Elm Sphinx, Question Mark, Double Toothed Prominent, Delightful Dagger, Large Tolyte Moth, Tawny Emperor, Hackberry Emperor, Large Lace Emperor, Twin-spotted Sphinx	✚		
Slippery Elm	<i>Ulmus rubra</i>	Delightful Dagger, Elm Sphinx, Tawny Emperor, Hackberry Emperor, Large Lace Emperor, Twin-spotted Sphinx	✚		
Nettle Family (Urticaceae):					
Nettle species	<i>Various genres</i>	Red Admiral, Question Mark			
Verbena Family (Verbenaceae):					
Frogfruit	<i>Phyla nodiflora</i>	Phaon Crescent, Common Buckeye, White Peacock	✚	✿	\$
Texas Vervain	<i>Verbena halei</i>	Verbena Moth	✚	✿	
Texas Lantana	<i>Lantana urticoides</i>	Lantana Stick Moth	✚	✿	\$
Violet Family (Violaceae):					
Babyslippers	<i>Hybanthus verticillatus</i>	Variegated Fritillary	✚	✿	
Grape Family (Vitaceae):					
Sorrelvine	<i>Cissus trifoliata</i>	Wilson's Wood Nymph, Vine Sphinx, Mournful Sphinx, Gaudy Sphinx	✚		
Peppervine	<i>Nekemias arborea</i>	Pandora Sphinx, Lettered Sphinx, Virginia Creeper Sphinx, Mournful Sphinx, Nessus Sphinx, Eight-spotted Forester, White-lined Sphinx	✚		
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	Virginia Creeper Sphinx, Mournful Sphinx, Eight-spotted Forester, Lettered Sphinx, Grapeleaf Skeletonizer, Nessus Sphinx	✚		\$

Winter Grape	<i>Vitis cinerea</i> var. <i>helleri</i>	Vine Sphinx, Lettered Sphinx, Virginia Creeper Sphinx, Grapevine Epimenis, Mournful Thyris, Nessus Sphinx, Eight-spotted Forester, Grapeleaf Skeletonizer	TX		
Mustang Grape	<i>Vitis mustangensis</i>	Grapevine Epimenis, Lettered Sphinx, Nessus Sphinx, Virginia Creeper Sphinx, Mournful Thyris, Grapeleaf Skeletonizer	TX		

SOURCES:

Host Plants for Texas Butterflies by Jim Weber, Lynne Weber, and Roland H. Wauer

Host Plants for Texas Moths by Jim Weber and Lynne Weber

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