

Butterfly Checklist for Mercer Arboretum & Botanic Gardens with Caterpillar Host Plants

| | Butterfly | Scientific name | Native or Local Garden Host Plant | Scientific Name |
|--|-----------------------------|----------------------------------|---|--|
| Swallowtails | Pipevine Swallowtail | <i>Battus philenor</i> | Brazilian Pipevine | <i>Aristolochia fimbriata</i> |
| | Polydamus Swallowtail | <i>Battus polydamus</i> | Giant Pipevine | <i>Aristolochia gigantea</i> |
| | Giant Swallowtail | <i>Papilio cresphontes</i> | Hercules Club, Citrus Family | <i>Zanthoxylum clava-herculis</i> , Rutaceae |
| | Tiger Swallowtail | <i>Papilio glaucus</i> | Tulip Tree | <i>Liriodendron tulipifera</i> |
| | Palamedes Swallowtail | <i>Papilio palamedes</i> | Red Bay | <i>Persea borbonia</i> |
| | Black swallowtail | <i>Papilio polyxenes</i> | Common Rue, Fennel | <i>Ruta graveolens</i> , <i>Foeniculum vulgare</i> |
| | Spicebush Swallowtail | <i>Papilio troilus</i> | Spicebush, Sassafras | <i>Lindera benzoin</i> , <i>Sassafras albidum</i> |
| Milkweed, Longwing & Brushfoot Butterflies | Gulf Fritillary | <i>Agraulis vanillae</i> | Passion Flower | <i>Passiflora incarnata</i> |
| | Goatweed Leafwing | <i>Anaea andria</i> | Wooly Croton | <i>Croton capitatis</i> |
| | Hackberry Emperor | <i>Asterocampa celtis</i> | Hackberry, Sugarberry | <i>Celtis laevigata</i> |
| | Tawny Emperor | <i>Asterocampa clyton</i> | Hackberry, Sugarberry | <i>Celtis laevigata</i> |
| | Silvery Checkerspot | <i>Chlosyne nycteis</i> | Sunflower | <i>Helianthus</i> sp. |
| | Queen | <i>Danaus gilippus</i> | Tropical Milkweed | <i>Asclepias curassavica</i> |
| | Monarch | <i>Danaus plexippus</i> | Tropical Milkweed | <i>Asclepias curassavica</i> |
| | Julia Longwing | <i>Dryas iulia</i> | Passion Flower | <i>Passiflora</i> sp. |
| | Variegated Fritillary | <i>Euptoieta</i> | Passion Flower | <i>Passiflora incarnata</i> |
| | Zebra Heliconian | <i>Heliconius charitonius</i> | Passion Flower | <i>Passiflora</i> sp. |
| | Buckeye | <i>Junonia coenia</i> | Snapdragon | <i>Antirrhinum</i> sp. |
| | Snout Butterfly | <i>Libytheana carinenta</i> | Hackberry, Sugarberry | <i>Celtis laevigata</i> |
| | Viceroy | <i>Limenitis archippus</i> | Willow | <i>Salix nigra</i> |
| | Red-Spotted Purple | <i>Limenitis arthemis</i> | Willow | <i>Salix nigra</i> |
| | Phaon Crescent | <i>Phyciodes phaon</i> | Frogfruit | <i>Phyla incisa</i> |
| | Texan Crescent | <i>Phyciodes texana</i> | Shrimp Plant, Acanthus Family | <i>Justicia brandegeana</i> , Acanthaceae |
| | Pearl Crescent | <i>Phyciodes tharos</i> | Aster | <i>Aster</i> sp. |
| | Question Mark | <i>Polygonia interrogationis</i> | Elm | <i>Ulmus</i> sp. |
| | Red Admiral | <i>Vanessa atalanta</i> | False nettle | <i>Boehmeria cylindrica</i> |
| | Painted Lady | <i>Vanessa cardui</i> | Thistle | <i>Carduus</i> , <i>Cirsium</i> sp. |
| American Lady | <i>Vanessa virginiensis</i> | Cudweed | <i>Gnaphalium</i> , <i>Gamochaeta</i> sp. | |
| Satyrs | Gemmed Satyr | <i>Cyllopsis gemma</i> | Grass Family | Poaceae |
| | Southern Pearly-Eye | <i>Enodia portlandia</i> | Giant Cane | <i>Arundinaria gigantea</i> |
| | Carolina Satyr | <i>Hermeuptychia sosybius</i> | Grass Family | Poaceae |
| | Little Wood Satyr | <i>Megisto cymela</i> | Grass Family | Poaceae |
| Sulfurs & Whites | Falcate Orange-Tip | <i>Anthocharis media</i> | Spring Cress | <i>Cardimine bulbosa</i> |
| | Dog Face | <i>Colias cesonia</i> | Legume Family | Fabaceae |
| | Orange Sulfur | <i>Colias eurytheme</i> | Alfalfa | <i>Medicago sativa</i> |
| | Little Yellow | <i>Eurema lisa</i> | Cassia, Legume Family | <i>Senna (Cassia)</i> , Fabaceae |
| | Sleepy Orange | <i>Eurema nicippe</i> | Cassia, Legume Family | <i>Senna (Cassia)</i> , Fabaceae |



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Sulfurs & Whites (continued)

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|--|----------------------|-------------------------|----------------------|-----------------------------|
| | Dainty Sulfur | <i>Nathalis iole</i> | Sneezeweed | <i>Helenium</i> sp. |
| | Large Orange Sulfur | <i>Phoebis agarithe</i> | Candlestick Plant | <i>Senna (Cassia) alata</i> |
| | Orange-Barred Sulfur | <i>Phoebis philea</i> | Candlestick Plant | <i>Senna (Cassia) alata</i> |
| | Cloudless Sulfur | <i>Phoebis sennae</i> | Candlestick Plant | <i>Senna (Cassia) alata</i> |
| | Checkered White | <i>Pontia protodice</i> | Virginia Peppergrass | <i>Lepidium virginica</i> |

Blues & Hairstreaks

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|--|-----------------------------------|----------------------------------|-----------------|------------------------------|
| | Great Purple Hairstreak | <i>Altides halesus</i> | Mistletoe | <i>Phorodendron</i> sp. |
| | Henry's Elfin | <i>Callophrys henrici</i> | Redbud | <i>Cercis canadensis</i> |
| | Eastern Pine Elfin | <i>Callophrys niphon</i> | Loblolly Pine | <i>Pinus taeda</i> |
| | Red-Banded Hairstreak | <i>Calycopis cecrops</i> | Oak | <i>Quercus</i> sp. |
| | Dusky-blue Groundstreak | <i>Calycopis isobeon</i> | Leaf litter | |
| | Eastern-Tailed Blue | <i>Everes comyntas</i> | Legume Family | Fabaceae |
| | Ceraunus Blue | <i>Hemiargus ceraunus</i> | Legume Family | Fabaceae |
| | Reakirt's Blue | <i>Hemiargus isola</i> | Legume Family | Fabaceae |
| | 'Northern' Southern Hairstreak | <i>Satyrium favonius ontario</i> | Oak | <i>Quercus</i> sp. |
| | Striped Hairstreak | <i>Satyrium liparops</i> | Plum, Blueberry | <i>Prunus, Vaccinium</i> sp. |
| | Banded Hairstreak | <i>Strymon calanus</i> | Oak | <i>Quercus</i> sp. |
| | Gray Hairstreak | <i>Strymon melinus</i> | Mallow | Malvaceae |

Skippers

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|--|-----------------------------|---------------------------------|---------------------------------|--|
| | Sickle-Winged Skipper | <i>Achlyodes thraso</i> | Lime Prickly Ash, Citrus Family | <i>Zanthoxylum fagara</i> , Rutaceae |
| | Lacewing Roadside Skipper | <i>Amblyscirtes aesculapius</i> | Giant Cane | <i>Arundinaria gigantean</i> |
| | Celia's Roadside Skipper | <i>Amblyscirtes celia</i> | Grass Family | Poaceae |
| | Least Skipper | <i>Ancyloxypha numitor</i> | Grass Family | Poaceae |
| | Sachem | <i>Atalopedes campestris</i> | Grass Family | Poaceae |
| | Brazilian Skipper | <i>Calpodis ethlius</i> | Canna | <i>Canna</i> sp. |
| | White-Striped Longtail | <i>Chioides catillus</i> | Legume Family | Fabaceae |
| | Southern Skipperling | <i>Copaeodes minimus</i> | Grass Family | Poaceae |
| | Silver-Spotted Skipper | <i>Epargyreus clarus</i> | Locust Tree, Native Wisteria | <i>Robinea</i> sp., <i>Wisteria frutescens</i> |
| | Funereal Duskywing | <i>Erynnis funeralis</i> | Rattlebush | <i>Sesbania</i> sp. |
| | Horace's Duskywing | <i>Erynnis horatius</i> | Oak | <i>Quercus</i> sp. |
| | Juvenal's Duskywing | <i>Erynnis juvenalis</i> | Oak | <i>Quercus</i> sp. |
| | Dun Skipper | <i>Euphyes vestris</i> | Sedge | <i>Carex</i> sp. |
| | Fiery Skipper | <i>Hylephila phyleus</i> | Grass Family | Poaceae |
| | Clouded Skipper | <i>Lerema accius</i> | Grass Family | Poaceae |
| | Eufala Skipper | <i>Lerodea eufala</i> | Grass Family | Poaceae |
| | Swarthy Skipper | <i>Nastra Iherminier</i> | Little Bluestem, Grass Family | <i>Schizachyrium scoparium</i> , Poaceae |
| | Ocala Skipper | <i>Panoquina ocola</i> | Grass Family | Poaceae |
| | Whirlabout | <i>Polites vibex</i> | Grass Family | Poaceae |
| | Little Glassywing | <i>Pompeius verna</i> | Grass Family | Poaceae |
| | Common Checkered Skipper | <i>Pyrgus communis</i> | Sida, Mallow | <i>Sida</i> sp., Malvaceae |
| | Tropical Checkered Skipper | <i>Pyrgus oileus</i> | Sida, Mallow | <i>Sida</i> sp., Malvaceae |
| | Northern Cloudywing | <i>Thorybes pylades</i> | Clover, Legume Family | Fabaceae |
| | Long-Tail Skipper | <i>Urbanus proteus</i> | Legume Family | Fabaceae |
| | Southern Broken Dash | <i>Wallengrenia otho</i> | Grass Family | Poaceae |

Members of Butterfly Enthusiasts of Southeast Texas (BEST-NABA), a chapter of the North American Butterfly Association (NABA), and volunteers from Mercer Arboretum & Botanic Gardens' native plant program prepared this list.

Please visit BEST-NABA's Web site for local butterfly gardening tips!