Cape May Bird Observatory, 600 Rt. 47 N., Cape May Courthouse, NJ 08210 OR: Visit or Call any of our 9 staffed nature centers listed at the end of this document.



### Recommended Plantings to Attract Hummingbirds, Butterflies, & Moths by Patricia Sutton



### www.njaudubon.org

**KEY: B** = attracts Butterflies, **H** = attracts Hummingbirds

**CC** = Chocolate Cake / Top Nectar Attractant ("Chocolate Cake" is Jane Ruffin's terrific descriptive term!)

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### FLOWERS: PERENNIALS & ANNUALS

Common Name	Botanical Name	В/Н	СС	Origin	A/P/*	Time	S/sh	Color
Aster, New England	Aster novae-angliae	В	CC	NJ	Р	2-4	S	purple
Asters	Aster spp.	В	CC	NA, C	Р	2-3	S	Pink, purple, others
Anise Hyssop	Agastache foeniculum	В	CC	NA	Р	2-3	S	purple
Bee Balm / Monarda		•	•		•			
Bee Balm	Monarda didyma	H,B	CC	NJ, C	Р	2	S/sh	purple, red, white
Wild Bergamot	Monarda fistulosa	H,B	СС	NJ	Р	2	S/sh	pale pink
Horsemint	Monarda punctata	H,B		NJ	Р	2	S/sh	pale yellow w/purple
Begonia	Begonia	Н		Alien	Α	2-3	S/sh	# colors
Blanketflower	Gaillardia pulchella	В		NA	Р	2-4	S	red w/yellow
Bleeding Heart	Dicentra eximia	Н		NJ	Р	1-2	S/sh	pink
Bleeding Heart	Dicentra spectabilis	Н		Alien	Р	1	S/sh	pink, white
Boltonia / "Snow Bank"	Boltonia asteroides	В		NJ	Р	2-3	S	white
Boneset	Eupatorium perfoliatum	В	CC	NJ	Р	2-3	S	white
Blazing Star / Gayfeather	Liatris spicata, L. graminifolia,	В		NJ	Р	2-3	S	purple
	L. scariosa							
Blazing Star / Gayfeather	Liatris squarrosa, L. aspera	В		NA	Р	2-3	S	purple
Butterfly Weed	Asclepias tuberosa	В	CC	NJ	Р	2-3	S	orange
Canna	Canna spp.	Н		Alien	A/P	2-3	S	red
Cardinal Flower	Lobelia cardinalis	H,B	CC	NJ	Р	2-3	S/sh	red
Clover	Trifolium spp.	В		Alien	A/P	1-3	S	white, pine, red
Columbine, Wild	Aquilegia canadensis	Н	CC	NJ	Р	1-2	S/sh	red w/yellow
Coral-bells	Heuchera spp.	Н	CC	NA	Р	1-2	S/sh	pink, coral
Coreopsis, Lance-leaved	Coreopsis lanceolata	В		NA	Р	1-2	S	yellow
Cosmos	Cosmos bipinnatus	В		Alien	A*	2-3	S	# colors
Crocosmia	Iridaceae spp.	Н	CC	Alien	Р	2	S	red
Daisies	Chrysanthemum, others	В		Alien	Р	2-3	S	white
Dandelion	Taraxacum officinale	В		Alien	Р	1-3	S	yellow
Delphinium / Larkspur	Delphinium spp.	H,B		Alien	Р	1-3	S	# colors

Common Name	Botanical Name	В/Н	СС	Origin	A/P/*	Time	S/sh	Color
Flowering Tobacco	Nicotiana alata	Н		Alien	A/P*	2	S	white, red, pink
Four O'Clock	Mirabilis jalapa	Н		Alien	A/P*	2-3	S/sh	# colors
Foxglove	Digitalis spp.	Н	CC	Alien	P/B*	2-3	S/sh	# colors
Fuchsia	Fuchsia spp.	Н	CC	Alien	TS	1-3	S/sh	# colors
Geranium, Wild	Geranium maculatum	H,B		NJ	Р	1-2	S/sh	pink
Geranium	Geranium spp.	Н		Alien	A/P	2-3	S	# colors
Globe Amaranth	Gomphrena globosa	В	CC	Alien	A*	2-4	S	# colors
Globe Thistle	Echinops ritro	В		Alien	Р	2-3	S	blue
Goldenrod, Seaside	Solidago sempervirens	В	CC	NJ	Р	2-4	S	yellow
Goldenrod	Solidago spp.	В		NJ	Р	2-3	S	yellow
Heliotrope	Heliotropium arborescens	В	CC	Alien	TP	2-3	S	purple
Hollyhock, Old Fashion/Single	Althaea rosea	В		Alien	P*	2	S	# colors
Impatiens	Impatiens spp.	H,B		Alien	Α	2-3	sh	# colors
Ironweed, New York	Vernonia noveboracensis	В		NJ	Р	2-3	S	purple
Jewelweed / Touch-Me-Not	Impatiens capensis	Н	CC	NJ	A*	2-3	sh	orange
Joe-pye-weed	Eupatorium purpureum	В	СС	NJ	Р	2-3	S	pink
Lantana	Lantana camara	В	CC	NA	TS	1-4	S	yellow, orange, red
Lantana, Weeping	Lantana montevidensis	В	СС	Alien	TS	1-4	S/sh	pale purple
Lily (Tiger, Day, Oriental)	Lilium spp.	Н,В		Alien	Р	2	S/sh	# colors
Lily, Turk's Cap	Hemerocallis fulva	H,B		NJ	Р	2	S/sh	# colors
Lobelia, Great Blue	Lobelia siphilitica	H,B		NJ	Р	2-3	S/sh	Blue
Lobelias	Lobelia spp.	H,B		NA, C	Р	2-3	S/sh	# colors
Lupine	Lupinus spp.	Н		NA	Р	1-3	S	purple, # colors
Mallow, Swamp Rose	Hibiscus palustris	H,B		NJ	Р	3-4	S	Pink, white
Mallows	Hibiscus spp.	H,B		Alien	Р	2	S	white, pink
Marigolds	Tagetes spp.	В		Alien	Α	2-4	S	# colors
Mexican Sunflower	Tithonia rotundifolia	H,B	CC	Alien	A*	2-4	S	orange w/yellow centers
Milkweeds:		I				· L		
Butterfly Weed	Asclepias tuberosa	В	CC	NJ	P	2-3	S	orange, yellow
Common Milkweed	Asclepias syriaca	Н,В	СС	NJ	Р	2-3	S	pink
Swamp Milkweed	Asclepias incarnata	В	CC	NJ	Р	2-3	S	pink
Tropical Milkweed / Bloodflower	Aclepias curassavica	В	СС	Alien	A*	2-3	S	red
Mint, Mountain	Pycnanthemum muticum	В	CC	NJ	Р	2-3	S	white
Mints	Mentha spp.	H,B		Alien	Р	2-3	S/sh	white
Mistflower / Hardy Ageratum	Eupatorium coelestinum	В	CC	NJ	Р	3-4	S/sh	lavendar-blue
Nasturtiums	Tropaeolum majus	Н		Alien	Α	2-3	S	# colors
Obedient Plant	Physostegia spp.	Н		NA	Р	2-3	S/sh	white, pink
Oregano	Origanum spp.	В		Alien	Р	2-3	S	pale lavender

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Common Name	Botanical Name	В/Н	СС	Origin	A/P/*	Time	S/sh	Color
Foxglove Beard Tongue	Penstemon digitalis	Н		NJ	Р	1-2	S/sh	white
Penstemon / Beard Tongue	Penstemon spp.	Н		Alien	Р	2	S/sh	# colors
Pentas / Egyptian Star Clusters	Pentas lanceolata	H,B	CC	Alien	TS	1-4	S/sh	# colors
Petunias	Petunia spp.	Н		Alien	Α	2-3	S/sh	# colors
Phlox	Phlox paniculata	H,B		NJ	Р	2-4	S/sh	magenta-pink
Phlox	Phlox spp.	H,B		NA, C	Р	2-4	S/sh	# colors
Pickerelweed (in PONDS)	Pontederia cordata	В	CC	NJ	Р	2-3	S/sh	purple
Pinks	Dianthus deltoides	H,B		Alien	P/B	1-4	S	# colors
Purple Coneflower	Echinacea purperea	В	CC	NA	Р	2-4	S	pink
Queen Anne's Lace	Daucus carota	В		Alien	Р	1-3	S	white
Red-hot Poker / Torch Flower	Kniphofia uvaria	Н		Alien	Р	2-3	S	orange-red
Scabiosa / Pincushion Flower	Scabiosa columbaria	В		Alien	Р	2-4	S	blue, pink
Sage, Autumn	Salvia greggii	Н	CC	NA	TP	3-4	S	red, purple, pink
Sage, Lyre-leaved	Salvia lyrata	Н		NJ	Р	2-3	S/sh	violet
Sage, Pineapple	Salvia elegans	Н	CC	Alien	TP	3-4	S	red
Sage, Tropical / Texas Sage	Salvia coccinea	Н	CC	Alien	A*	2-4	S	red
Scarlet Gilia / Standing Cypress	Ipomopsis rubra	Н		NA	P/B	2	S	red
Sedum	Sedum spectabile	В	CC	Alien	Р	2-3	S/sh	pink
Thyme	Thymus spp.	В		Alien	Р	2-3	S	pink, white, purple
Turtlehead	Chelone glabra	Н		NJ	Р	2-3	S/sh	white
Turtlehead, Pink	Chelone Iyoni	Н		NA, C	Р	2-3	S/sh	pink
Brazilian Vervain	Verbena bonariensis	В	CC	Alien	TP*	2-4	S	purple
Verbena	Verbena "Sissinghurst"	В		Alien	Р	2-3	S	rich pink
Zinnia	Zinnia elegans	H,B	CC	Alien	Α	2-4	S	# colors

### **FLOWERING VINES**

Common Name	Botanical Name	В/Н	CC	Origin	A/P/*	Time	S/sh	Color
Cardinal Climber	Ipomoea x multifida	Н	CC	Alien	Α	2-3	S	red
Cypress Vine	Ipomoea quamoclit	Н	CC	Alien	Α	2-3	S	red
Climbing Hempweed/Boneset	Mikania scandens	В		NJ	Р	2	S	white
Japanese Honeysuckle	Lonicera japonica	Н	CC	Alien	Р	1-2	S/sh	creamy yellow
(special note next page)								
Morning Glory	Ipomoea spp	Н		Alien	Α	2-4	S	blue, # colors
Scarlet Runner Bean	Phaseolus coccineus	Н		Alien	A*	2-3	S	red
Sweet Pea	Lathyrus odoratus	В		Alien	A*	2-3	S	# colors
Everlasting Pea	Lathyrus latifolius	В		Alien	Р	2-3	S	pink
Trumpet Creeper or Vine	Campsis radicans	H,B	CC	NJ	Р	2-3	S	red/orange
Trumpet (Coral) Honeysuckle	Lonicera sempervirens	Н	CC	NJ	Р	1-4	S	red

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### FLOWERING SHRUBS

Common Name	Botanical Name	В/Н	CC	Origin	Time	S/sh	Color
Abelia, Glossy	Abelia grandiflora	H,B		Alien	2-4	S	white
Azalea, Pink	Rhododendron nudiflorum	Н		NJ	1	S/sh	pink
Azalea, Swamp	Rhododendron viscosum	Н		NJ	1	S/sh	white
Azaleas	Rhododendon spp.	Н		C, Alien	1	S/sh	# colors
Beach Plum	Prunus maritima	В		NJ	1	S	white
Blueberries	Vaccinium spp.	Н		NJ,C	1-2	S/sh	white
Blue Mist	Caryopteris incana	В		Alien	2-3	S	blue-purple
Butterfly Bush	Buddleia davidii	H,B	CC	Alien	2-4	S	# colors
Butterfly Bush, Fountain	Buddleia alternifolia	H,B	CC	Alien	1	S	lavendar
Buttonbush	Cephalanthus occidentalis	H,B		NJ	2-3	S/sh	white
Huckleberry	Gaylussacia baccata, G. dumosa	В		NJ	1	S/sh	white
Lilac	Syringa vulgaris	H,B		Alien	1	S	purple, white
New Jersey Tea	Ceanothus americanus	H,B		NJ	1	S	white
Quince, Flowering	Chaenomeles japonica .	Н		Alien	1	S/sh	red
Rose of Sharon	Hibiscus syriacus	H,B		Alien	2-3	S/sh	pink, # colors
Sand Myrtle	Leiophyllum buxifolium	В	CC	NJ	1	S	white
Sweet Pepperbush	Clethra alnifolia	В		NJ	2	S	white

### FLOWERING TREES

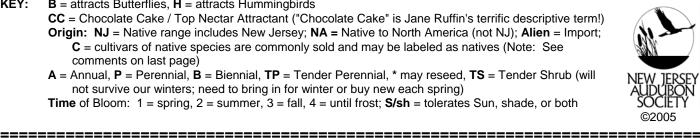
Common Name	Botanical Name	B/H	CC	Origin	Time	S/sh	Color
Black Locust	Robinia pseudoacacia	Н		NJ	1	S	white
Mimosa / Silk Tree	Albizia julibrissin	H,B	CC	Alien	2	S	pink
Pear (fruits of)	Pyrus spp.	В	CC	Alien	3	S/sh	rotten fruit
Red Maple	Acer rubrum	В	CC	NJ	1		
(In the spring, when little else is in bloom a number of butterflies survive by nectaring on Red Maple blooms)							
Tulip Tree / Yellow Poplar	Liriodendron tulipifera	Н		NJ	1	S	cream

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### MISSING FROM THIS LIST FOR GOOD REASON

You have probably found Black-eyed Susan (Rudbeckia hirta) and Yarrow (Achillea millefolium) on many lists noting good nectar sources for butterflies. We've found them to be little used, if at all. They are nice filler, but do not count on them to draw in many butterflies. Songbirds do enjoy the seed heads of Black-eyed Susans after they've bloomed.

Some plants are HIGHLY INVASIVE and should not be planted. Purple Loosestrife falls into this category. Please do not contribute to the widespread problem being faced throughout the Northeast by planting this perennial in your garden. It finds its way into nearby natural wetlands and crowds out native vegetation, even when "falsely" sold as a sterile plant.

#### ADDITIONAL COMMENTS ON INVASIVE PLANTS

This list includes some plants that are invasive elsewhere (including Lantana, Mimosa, and Butterfly Bush), but here they do not appear to be a serious problem, apparently because they can not survive, or at least do not thrive, with our cold winters.

Japanese Honeysuckle: You may be intrigued or confused by the inclusion of other plants on this list, like Japanese Honeysuckle which is invasive. Although this non-native is not something you want to seek out and plant, we all have it already somewhere in our neighborhoods. It is "Chocolate Cake" to hummingbirds when in bloom. Hence, it is included in this list to enlighten you; when Japanese Honeysuckle is in bloom, hummingbirds ignore nearly all other nectar sources, including our feeders.

## RECOMMENDED Caterpillar Foodplants (also known as HOST PLANTS) to benefit some butterflies and moths:

These are some of the many plants sought by adult butterflies and moths for egg laying. They are necessary to create the next generation of adult butterflies or moths. You may already have a number of them in your yard or neighborhood. You may wish to plant or encourage others.

# HERBACEOUS PLANTS: PERENNIALS & ANNUALS

Aster	Pearl Crescent, Wooly Bear					
Asiei	(Isabella Tiger Moth)					
Bean (green, yellow)	E. Tailed Blue, Silver-spotted					
Dean (green, yellow)	Skipper, sulphurs					
Carrot/Queen Anne's	Black Swallowtail					
Lace	Black Gwallowian					
Clover	E. Tailed Blue, sulphurs, skippers					
Columbine	Columbine Duskywing					
Dill	Black Swallowtail					
Dock, Curled	American Copper					
Everlasting, Pearly	American Lady					
Everlasting, Fearly  Everlasting, Sweet	American Lady  American Lady					
Fennel (Bronze,	Black Swallowtail					
,	Black Swallowlall					
Green) Gerardia, Purple	Common Buskova					
Globe Thistle	Common Buckeye					
	Painted Lady					
Indigo,Wild	Wild Indigo Duskywing,					
(Baptisia spp.)	Frosted Elfin					
Lamb's Quarters	Hayhurst's Scallopwing,					
	Common Sootywing					
Lupine	Frosted Elfin					
Milkweed (Common,	Monarch					
Butterfly Weed,						
Scarlet, & Swamp)	0.11					
Nasturtium	Cabbage White					
Nettles	Red Admiral, E. Comma,					
	Question Mark					
Parsley	Black Swallowtail					
Partridge Pea	Cloudless Sulphur, Little Sulfur					
Plantain	Common Buckeye					
Pussytoes	American Lady					
Rue	Black Swallowtail					
Sorrel, Sheep	American Copper					
Thistle	Painted Lady					
Toadflax	Common Buckeye					
	Five-spotted Hawk Moth (Tomato					
Tomato						
Tomato	Hornworm), Carolina Sphinx					
Tomato	Hornworm), Carolina Sphinx (Tobacco Hornworm)					
Turtlehead (white)						
<u></u>	Five-spotted Hawk Moth (Tomato					
	(Tobacco Hornworm)					

### **GRASSES AND SEDGES**

•	
Grasses	Little Wood Satyr, Common
	Wood Nymph, # different
	skippers, Wooly Bear
	(Isabella Tiger Moth)
Grass, Crab	Fiery Skipper, Sachem
Grass, Little Bluestem	Common Wood-nymph, at
	least 6 skippers
Grass, Panic (esp.	Northern Broken-dash,
Switchgrass	Tawny-edged Skipper
Phragmites	Broad-winged Skipper
Sedges	# different skippers,
	Appalachian Brown

### **VINES**

Dutchman's Pipe	Pipevine Swallowtail
Honeysuckle	Hummingbird Clearwing,
	Snowberry Clearwing (moths)
Hops / Common Hop	Question Mark, E. Comma,
Vine	Red Admiral
Virginia Creeper	Pandorus Sphinx, Lettered
	Sphinx, Hog Sphinx

### **SHRUBS**

Bayberry	Luna Moth
Beach Plum	Cecropia Moth
Blueberry	Brown Elfin, Spring Azure,
	Striped Hairstreak
Dogwood (Gray, Silky,	Summer Azure
Red Osier)	
Elderberry	Cecropia Moth
Indigo, False	Silver-spotted Skipper, Hoary
(Amorpha fruticosa)	Edge, Gray Hairstreak
Spicebush	Spicebush Swallowtail
Sumac (Winged or	Red-banded Hairstreak, Spring
Dwarf, Staghorn)	Azure, Royal Walnut Moth
Viburnum, Arrowwood	Hummingbird Clearwing (moth)
V. dentatum	

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# **RECOMMENDED Caterpillar Foodplants,** (Continued)

### **TREES**

Dogwood, Flowering	Spring Azure
Hackberry, Common	Question Mark, E. Comma,
and Dwarf	Hackberry Emperor, Tawny
	Emperor, American Snout
Holly, American	Henry's Elfin, Spring Azure
Locust	Silver-spotted Skipper, Zarucco
	Duskywing
Magnolia, Sweetbay	E. Tiger Swallowtail
Oak, Scrub	Sleepy Duskywing
Oak spp.	Banded Hairstreak, Striped
	Hairstreak, White M Hairstreak,
	'Northern' Oak Hairstreak,
	Juvenal's Duskywing, Horace's
	Duskywing
Persimmon	Luna Moth
Red Cedar	'Olive' Juniper Hairstreak,
	Imperial Moth
Sassafras	Spicebush Swallowtail, Imperial
	Moth, Io Moth
Sweet Gum	Royal Walnut Moth, Luna Moth
Tulip Tree / Yellow	E. Tiger Swallowtail, Spicebush
Poplar	Swallowtail, Promethea Moth
White Pine	E. Pine Elfin, Imperial Moth
Wild Black Cherry	E. Tiger Swallowtail, Coral
	Hairstreak, Striped Hairstreak,
	Red-spotted Purple, Cecropia
	Moth, Promethea Moth, &
	Hummingbird Clearwing (moth)
Willow	Mourning Cloak, Red-spotted
	Purple, Viceroy

### NEW JERSEY AUDUBON STAFFED NATURE CENTERS

Weis Ecology Center Ringwood, Passaic Co. (973) 835-2160

**Lorrimer Sanctuary**Franklin Lakes, Bergen Co. (201) 891-2185

Scherman-Hoffman Wildlife Sanctuary Bernardsville, Morris Co. (908) 766-5787

**Sandy Hook Bird Observatory** Fort Hancock, Monmouth Co. (732) 872-2500

Plainsboro, Middlesex Co. (609) 897-9400 Rancocas Nature Center

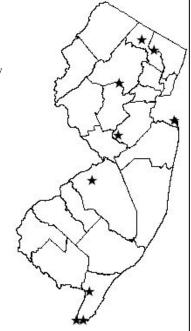
Plainsboro Preserve

Mount Holly, Burlington Co. (609) 261-2495

Cape May Bird Observatory: Center for Research & Education Goshen, Cape May Co. (609) 861-0700

Cape May Bird Observatory: Northwood Center Cape May Point, Cape May Co. (609) 884 2736

Nature Center of Cape May Cape May, Cape May Co. (609) 898-8848



### FOR MORE INFORMATION ON:

BACKYARD HABITAT
NJAS PROGRAMS
DIRECTIONS TO CENTERS
www.njaudubon.org

Comments on ORIGIN and CULTIVARS: Beware, some plants sold as "natives" (genus & species) are actually cultivars (often with an additional name in quotes) of native plants. Cultivars have been modified from the native source and may or may not retain original characteristics, including attractiveness to butterflies and hummingbirds. Many cultivars were developed for the human eye; that is they have many petals. Unfortunately this is often at the expense of the nectar hummingbirds, butterflies, and other insects need.

