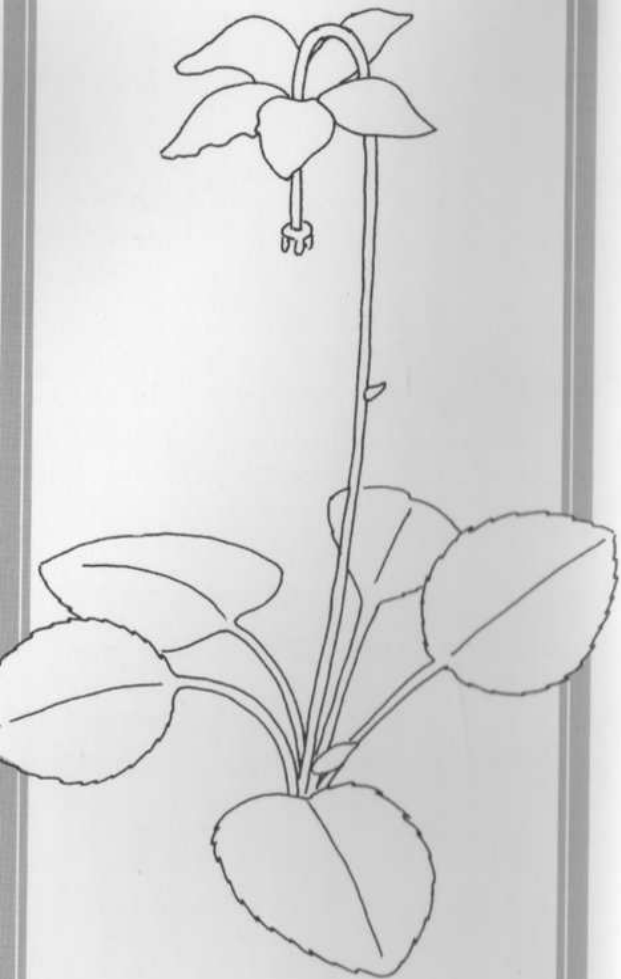


Field Notes

Date: _____



One-Flowered Shinleaf

Also known as the "Wood Nymph," this delicate and fragrant little charmer, with its single nodding creamy white flower, grows mid-summer in Newport's boreal forests

Drawing by Marilyn Mahlberg

*Published in support of
Newport State Park by The Newport Wilderness Society.*

*List was compiled by
Warren Dewalt with the help of Rolliana Scheckler.
Brochure Design: Qualkinbush & Associates, Inc.
This brochure is printed on 100% recycled paper.*

W Summer and Fall Wildflowers



Newport State Park
Ellison Bay, Wisconsin

The wildflowers in this brochure cover only about one-half of the summer and fall species that grow in Newport State Park. Only herbaceous plants were chosen - shrub and tree flowers were excluded. The range of blooming times generally extends from mid-June through October, although for a number of species it begins in May. This means that there is some unavoidable overlap with species shown in the park's "Spring Flowers" brochure.

Key to Occurrence Symbols

The following symbols are an approximate estimate of species populations and suggest the possibility of finding the indicated plants in the park:

A	abundant	very common, numerous
LA	locally abundant	abundant, but in one or more specific places
C	common	widespread, prevalent
F	frequent	appearing quite often
O	occasional	occurring from time to time, scattered
U	uncommon	seldom appearing
R	rare	extremely uncommon, exceptional

Notes on Newport's Wildflower Habitats

The large number of wildflower species that grow in the park is due to the diversity of the park's natural habitats:

Moist Forests – the most common forest type in Newport, covering a large part of the park's 2,400 acres, dominated by sugar maple and beech trees with a significant component of conifer species. This forest attains its best growth in the deepest and richest pockets of soil in the park.

Dry Forests – occur on the sandy ridges in the northern areas of the park, characterized by white pine and red oak trees.

Wet Forests – occur in the southwestern part of the park along Rowleys Bay and in the area of the Fern Trail. It has a fluctuating water table and a ridge-and-swale topography that favors northern white cedar and black ash trees.

Boreal Forests – grow mainly in narrow areas along the Lake Michigan shoreline, dominated by white spruce and balsam fir. Although the boreal forest is a small part of Newport's total forested area, it is of high interest as a relic plant community of the last glacier, and is an uncommon forest type that grows principally in the Wisconsin counties along the Lake Superior shore.

Grasslands and Abandoned Fields – these open habitats are the non-forested areas of the park where the ecology is transitional. Eventually these habitats will revert to forests.

Dry Beaches and Dunes – occur mainly along Newport Bay and Europe Bay in sand areas away from the shoreline and along the forest edge.

Moist Sandy Beaches – this habitat, which includes cobblestones, is found along the length of the shoreline except for the dolomite beach ledges. In sandy bays, this environment can be relatively barren with the sands being frequently washed by the wave action.

Wet Beaches – this habitat is limited to places where offshore shallow water or reefs break up incoming waves that would otherwise remove most existing vegetation. These areas are frequently inundated for a short time by storms. Wet beaches in late August can present an outstanding display of wildflowers.

Dolomite Beach Ledges – occur on the exposed ends of points that extend out into Lake Michigan. This habitat varies from low dolomite bluffs along the water's edge to large flat dolomite surfaces called "pavements" that are subject to frequent wave action. Despite the instability of

these pavement environments, they provide many microhabitats such as small sand deposits, protected crevices, dry exposed rocks, and tiny water catchments, where a variety of wildflowers manage to grow.

About The Newport Wilderness Society

Private citizens who wanted to support Newport State Park formed the Society in 1985. It is an independent, volunteer, not-for-profit organization, separate from park management, and formally recognized by the State of Wisconsin as the park's official Friends Group. Its funds and efforts go 100% to projects and services that help the park including stewardship of the park's natural resources.

The Society's founders chose to call the organization "The Newport Wilderness Society" because the park was dedicated as a limited-development, wilderness park in recognition of its outstanding natural features. An important mission of the Society is to protect and preserve this unique state dedication.

A major activity of the Society is to interpret for park visitors Newport's natural and human history through nature hikes, programs, and free brochures. To this end, the Society financed the construction and equipment of a new Nature Interpretive Center, including the Hotz Education Room, as an addition to a new Park Entrance and Visitor Station.

Membership in the Society is open to the public. Members include not only local Door County people, but also visitors from all over the country who appreciate and love the park.

The Newport Wilderness Society welcomes your membership, which will help the organization to continue its support, interpretive activities, and protection of the park and its wilderness designation. Membership information can be obtained from the park office.



Wildflowers of Newport State Park

Summer and Fall

Yellow Flowers	Occurrence	Habitat	Blooming Period
Black-Eyed Susan <i>Rudbeckia hirta</i>	C	Moist sandy shores	June - Oct
Canada Goldenrod <i>Solidago canadensis</i>	C	Moist sandy shores, grasslands	July - Sept
Common Agrimony <i>Agrimonia gryposepala</i>	C	Along hiking trails	July - Aug
Common Evening-Primrose <i>Oenothera biennis</i>	C	Moist sandy shores	June - Sept
Common Mullein <i>Verbascum thapsus*</i>	O	Shorelines, grasslands	June - Sept
Dune Goldenrod <i>Solidago simplex</i> , var. <i>gillmanii</i>	C	Dry beach sands	July - Oct
Early Goldenrod <i>S. juncea</i>	C	Abandoned fields	June - Sept
Fistulous Goat's-Beard <i>Tragopogon dubius*</i>	C	Disturbed area	May - July
Global Coneflower <i>Ratibida pinnata</i>	C	Dry forests, openings, fields	June - Aug
Golden Carpet <i>Sedum acre*</i>	LA	Dolomite beach ledges	June - July
Gray Goldenrod <i>Solidago nemoralis</i>	C	Dry open areas	Aug - Oct
Nodding Bur-Marigold <i>Bidens cernua</i>	O	Beach near Duck Bay	Aug - Oct
Silver-Weed <i>Potentilla anserina</i>	C	Wet/dry beaches	May - Oct
Smooth Hawkweed <i>Hieracium florentinum*</i>	C	Grasslands	June - Aug
Whorled Loosestrife <i>Lysimachia quadrifolia</i>	C	Moist beaches and forests	June - Aug
Zigzag Goldenrod <i>Solidago flexicaulis</i>	C	Moist forests	July - Sept
Orange & Red Flowers			
Beechdrops <i>Epifagus virginiana</i>	C	Near beech trees	Aug - Sept
Indian Paintbrush <i>Castilleja coccinea</i>	U	Wet beaches	May - Aug
Marsh-Potentilla <i>Potentilla palustris</i>	A	Swales behind Duck Bay	June - Aug
Orange Hawkweed <i>Hieracium aurantiacum*</i>	C	Grasslands	June - Aug
Spotted Coral-Root <i>Corallorhiza maculata</i>	O	Moist forests	June - Aug
Touch-Me-Not <i>Impatiens capensis</i>	A	Wet forests	July - Sept
White Flowers			
Boneset <i>Eupatorium perfoliatum</i>	C	Wet beaches	July - Oct
Canada Anemone <i>Anemone canadensis</i>	LA	Moist beaches	May - Aug
Common Arrowhead <i>Sagittaria latifolia</i>	O	Wet beaches	June - Aug
Cow-Wheat <i>Melampyrum lineare</i>	C	Dry forests, boreal forests	June - Aug
Daisy Fleabane <i>Erigeron annuus</i>	C	Grasslands	June - Oct
Death-Camas <i>Zigadenus elegans</i>	LA	Moist forests & beaches	June - Aug
Flowering Spurge <i>Euphorbia corollata</i>	F	Grasslands	June - Aug
Goblet-Aster <i>Aster lateriflorus</i>	LA	Wet forests	Aug - Oct
Indian Pipe <i>Monotropa uniflora</i>	C	All forests	June - Aug
Many-Flowered Aster <i>Aster ericoides</i>	C	Open areas	Aug - Oct
Marsh Aster <i>A. simplex</i>	C	Shorelines	Aug - Oct
One-Flowered Shinleaf <i>Moneses uniflora</i>	O	Boreal forests	July - Aug
One-Sided Shinleaf <i>Pyrola secunda</i>	F	Boreal forests, moist forests	June - July
Ox-Eye Daisy <i>Chrysanthemum leucanthemum*</i>	C	Disturbed places	May - Oct
Pearly Everlasting <i>Anaphalis margaritacea</i>	LA	Grasslands	July - Sept
Pinesap <i>Monotropa hypopithys</i>	R	Moist forests	June - Aug
Prince's Pine <i>Chimaphila umbellata</i>	O	Dry forests	June - Aug
Showy Lady's-Slipper <i>Cypripedium reginae</i>	U	Moist forest edges	May - Aug
Starry False Solomon's Seal <i>Smilacina stellata</i>	LA	Forest edges near beaches	May - Aug
Wild Carrot <i>Daucus carota*</i>	C	Abandoned fields, grasslands	May - Oct
Wild Leek <i>Allium tricoccum</i>	A	Inland moist forests	June - July
Wintergreen <i>Gaultheria procumbens</i>	LA	Dry forests	July - Aug
Yarrow <i>Achillea millefolium*</i>	C	Grasslands	June - Sept
Pink Flowers			
American Germander <i>Teucrium canadense</i>	LA	Sandy edge of forest near Duck Bay	June - Sept
Bouncing Bet <i>Saponaria officinalis*</i>	LA	Abandoned fields	July - Sept
Common Milkweed <i>Asclepias syriaca</i>	C	Dry beaches, grasslands	June - Oct

Pink Flowers - continued	Occurrence	Habitat	Blooming Period
○ Eastern Willow-Herb <i>Epilobium coloratum</i>	C	Wet beaches & forests	July - Sept
○ Fireweed <i>E. angustifolium</i>	LA	Grasslands	July - Sept
○ Herb-Robert <i>Geranium robertianum</i>	LA	Moist forests, beach ledges	May - Sept
○ Moccasin-Flower <i>Cypripedium acaule</i>	R	Dry forests	May - July
○ Pink Shinleaf <i>Pyrola asarifolia</i>	R	Wet areas along Fern Trail	July - Aug
○ Small-Flowered Hairy Willow-Herb <i>Epilobium parviflorum</i> ..	C	Moist beach sands	July - Sept
○ Smooth Agalinis <i>Agalinis purpurea</i>	C	Wet beaches	July - Sept
○ Smooth Rose <i>Rosa blanda</i>	C	Dry beaches & open moist forests	June - Aug
○ Spotted Joe-Pye Weed <i>Eupatorium maculatum</i>	A	Wet beaches toward the south	July - Sept
○ Spreading Dogbane <i>Apocynum androsaemifolium</i>	LA	Dry forests & sands	June - Aug
○ Striped Coral-Root <i>Corallorhiza striata</i>	F	All forests, esp. white cedar	May - July
○ Swamp Milkweed <i>Asclepias incarnata</i>	O	Wet beaches	June - Aug
○ Swamp Rose <i>Rosa palustris</i>	LA	Wet areas along Fern Trail	June - Aug
○ Twinflower <i>Linnaea borealis</i>	A	All forests with conifers	June - Aug
○ Wild Basil <i>Satureja vulgaris</i> *	C	Boreal forest openings	June - Sept
Green Flowers			
○ Beach Wormwood <i>Artemisia Canadensis</i>	C	Dry beaches	July - Aug
○ Green-Flowered Pyrola <i>Pyrola chlorantha</i>	C	Moist forests near the lake	June - July
○ Long-Bracted Orchid <i>Habenaria viridis</i>	C	Moist hardwood forests	June - Aug
○ Round-Leaved Orchid <i>H. orbiculata</i>	O	Mixed forests	June - Aug
○ Spurred-Gentian <i>Halenia deflexa</i>	LA	All park forests	July - Aug
○ Stinging Nettle <i>Urtica dioica, var. procera</i>	LA	Open forests & lakeshore	June - Sept
○ Sweet-Scented Bedstraw <i>Galium triflorum</i>	C	All park forests	June - Aug
○ Tall Northern Bog Orchid <i>Habenaria hyperborea</i>	R	Wet forests	July - Aug
Blue to Violet Flowers			
○ American Vetch <i>Vicia Americana</i>	O	Moist beaches	May - July
○ Beach-Pea <i>Lathyrus japonicus</i>	A	Dry beaches	June - Aug
○ Big-leaved Aster <i>Aster macrophyllus</i>	C	All forests	July - Oct
○ Bittersweet Nightshade <i>Solanum dulcamara</i> *	LA	Moist forest near Duck Bay	July - Aug
○ Blue-Eyed Grass <i>Sisyrinchium montanum</i>	O	Rocky shorelines	May - July
○ Bristly Aster <i>Aster puniceus</i>	O	Wet beaches	Aug - Oct
○ Brook Lobelia <i>Lobelia kalmii</i>	O	Wet, rocky shores	July - Aug
○ Bull-Thistle <i>Cirsium vulgare</i> *	O	Lakeshores	June - Sept
○ Canada-Thistle <i>C. arvense</i> *	F	Lakeshores	June - Oct
○ Common Vervain <i>Verbena hastata</i>	C	Wet beaches	June - Oct
○ Hairy Vetch <i>Vicia villosa</i> *	C	Grasslands	June - Aug
○ Harebell <i>Campanula rotundifolia</i>	C	Forest openings, dolomite beach ledges	June - Aug
○ Helleborine Orchid <i>Epipactis helleborine</i> *	O	All forests	June - Aug
○ Lesser Fringed Gentian <i>Gentianopsis procera</i>	C	Wet sandy beaches and dolomite	July - Sept
○ Mad-Dog Skullcap <i>Scutellaria lateriflora</i>	C	Open wet forests	July - Aug
○ Marsh-Bellflower <i>Campanula aparinoides</i>	U	Wet beaches	June - Aug
○ Marsh-Skullcap <i>Scutellaria galericulata</i>	LA	Wet forests	July - Aug
○ Mint <i>Mentha arvensis</i> *	C	Moist beaches & forests	July - Sept
○ Northern Heart-Leaved Aster <i>Aster ciliolatus</i>	C	Forest openings, grasslands	Aug - Oct
○ Purple Fringed Orchid <i>Habenaria psycodes</i>	F	Wet southern forests	June - Aug
○ Sea Rocket <i>Cakile edentula</i>	O	Wet sandy beaches	July - Sept
○ Self-Heal <i>Prunella vulgaris</i> *	C	Along moist hiking trails	June - Aug
○ Spotted Knapweed <i>Centaurea maculosa</i> *	A	Disturbed fields, roadsides	June - Aug
○ Thyme-Leaved Speedwell <i>Veronica serpyllifolia</i> *	O	Along hiking trails	May - Sept
○ Water-Speedwell <i>V. anagallis-aquatica</i> *	LA	Wet beaches	May - Sept
○ Wild Bergamot <i>Monarda fistulosa</i>	F	Grasslands	June - Sept