



**Trees, Shrubs and Ferns of
Bombay Hook National Wildlife Refuge
2591 Whitehall Neck Road
Smyrna, Delaware 19977
302-653-9345**

A Preliminary List

**Compiled by: Norman E. Holgersen
Wildlife Biologist
April 1974**

**Updated 1999
by: Bill McAvoy**

Common Name

*Loblolly pine
*Scotch pine
Red cedar
*Pfitzer juniper
Black willow
Swamp cottonwood (Swamp poplar)
*White poplar
Northern bayberry
*English walnut
Mockernut hickory
Pignut hickory
Bitternut hickory
American hornbeam
Speckled alder
Pin oak
Spanish oak (Southern red oak)
Red oak (Northern red oak)
Black oak
White oak
Basket oak (Swamp chestnut oak)
Overcup oak
Post oak
Swamp oak (Swamp white oak)
Willow oak
Beech
Chestnut
American elm
*Osage-orange
Tulip-tree
Sweetbay magnolia
Sassafras
Common spicebush
Sweet-spires
Sweetgum
Black cherry
Downy junberry (Shadbush)
Red chokeberry
Purple chokeberry
*Crabapple



Scientific Name

Pinus taeda
Pinus sylvestris
Juniperus virginiana
Juniperus chinensis pfitzeriana
Salix nigra
Populus heterophylla
Populus alba
Myrica pensylvanica
Juglans regia
Carya tomentosa
Carya glabra
Carya cordiformis
Carpinus caroliniana
Alnus serrulata
Quercus palustris
Quercus falcata
Quercus rubra
Quercus velutina
Quercus alba
Quercus michauxii
Quercus lyrata
Quercus stellata
Quercus bicolor
Quercus phellos
Fagus grandifolia
Castanea dentata
Ulmus americana
Maclura pomifera
Liriodendron tulipifera
Magnolia virginiana
Sassafras albidum
Lindera benzoin
Itea virginica
Liquidambar styraciflua
Prunus serotina
Amelanchier canadensis
Aronia arbutifolia
aronia x prunifolia (hybrid)
Pyrus spp.



Common Name

Common winterberry holly (Black alder)
American strawberry-bush
Red maple
*Norway maple
*Autumn olive
Sour-gum (Black tupelo)
Flowering dogwood
Silky dogwood
Coast pepperbush (Sweet pepperbush)
Common highbush blueberry
Tall huckleberry
Swamp azalea
Pink azalea
Swamp sweetbells
Persimmon
Green ash
*California privet
*Amur privet
*Common catalpa
Buttonbush
Common elderberry
Southern arrowwood
Mapleleaf viburnum
*Tartarian honeysuckle
Marsh-elder or High tide bush
Groundsel-tree



Scientific Name

Ilex verticillata
Euonymus americanus
Acer rubrum
Acer platanoides
Elaeagnus umbellata
Nyssa sylvatica
Cornus florida
Cornus amomum
Clethra alnifolia
Vaccinium corymbosum
Gaylussacia frondosa
Rhododendron viscosum
Rhododendron periclymenoides
Leucothoe racemosa
Diospyros virginiana
Fraxinus pennsylvanica
Ligustrum ovalifolium
Ligustrum amurense
Catalpa bignonioides
Cephalanthus occidentalis
Sambucus canadensis
Viburnum dentatum
Viburnum acerifolium
Lonicera tatarica
Iva frutescens
Baccharis halimifolia



* Not native to Refuge. List does not include the ornamental species found at building locations and along the entrance road.

Common and scientific names from *A Field Guide to Trees and Shrubs* by George A. Petrids, 19 .

Ferns and Clubmosses

Bombay Hook National Wildlife Refuge, Delaware

Ferns

Common Name

Scientific Name

Broad beech fern

Thelypteris hexagonoptera

Marsh fern

Thelypteris palustris

New York fern

Thelypteris noveboracensis

Ebony spleenwort

Asplenium platyneuron

Lady fern

Athyrium Filix-femina

Hayscented fern

Dennstoeidia punctilobula

Sensitive fern

Onoclea sensibilis

Netted chain fern

Woodwardia areolata

Virginia chain fern

Woodwardia virginica

Christmas fern

Polystichum aquilinum

Bracken

Pteridium aquilinum

Royal fern

Osmunda regalis

Cinnamon fern

Osmunda cinnamomea

Rattlesnake fern

Botrychium virginiaenum

Clubmosses

Common Name

Scientific Name

Bog clubmoss

Lycopodium inundatum

Tree clubmoss

Lycopodium obscurum

Ground cedar

Lycopodium tristachyum

Running ground pine

Lycopodium complanatum

Common and scientific names from *A Field Guide to the Ferns* by Boughton Cobb, 1956.

Norman E. Holgersen
January, 1974