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PARTIAL LIST OF VASCULAR PLANTS
OF ASSATEAGUE ISLAND, MD.-VA.

by
Elizabeth A. Higgins

Botany Dept.

Univ. of Maryland

College Park, Md. 20742

The following is a partial list of the vascular plants collected on Assateague Island during the growing seasons 1965-67. Nomenclature following M. L. Fernald's "Gray's Manual of Botany", 8th Ed. 1950, except as noted. This list will be used by the author as a part of the requirement of Master of Science and is not to be duplicated or published.

EQUISETACEAE (Horsetail family)

Equisetum arvense L. Common horsetail (One station only-north of Md. State Park)

LYCOPODIACEAE (Club-moss family)

Lycopodium inundatum L. var. *Bigelovii* Tuckerm. Dwarf club moss; know from 3 stations

OSMUNDACEAE (Flowering fern family)

Osmunda cinnamomea L. Cinnamon fern

O. regalis L. Flowering fern

POLYPODIACEAE (Fern family)

Asplenium platyneuron (L.) Oakes Spleenwort

Dryopteris Thelypteris (L.) Gray Shield fern

Onoclea sensibilis L. Sensitive fern

Pteridium aquilinum (L.) Kuhn Bracken fern

Woodwardia areolata (L.) Moore Chain fern

W. virginica (L.) Sm.

PINACEAE (Pine family)

Juniperus virginiana L. Red cedar

Pinus echinata Mill. Yellow or pond pine

P. taeda L. Loblolly pine

P. virginiana Mill. Jersey or scrub pine

TYPHACEAE (Cat-tail family)

Typha angustifolia L. Narrow leafed cat-tail

T. latifolia L. Common cat-tail

ZOSTERACEAE (Pondweed family)

Potamogeton sp.

Ruppia maritima L. Ditch grass

GRAMINAE (Grass family)

Agrostis alba L. Red top

A. alba L.

var. palustris (Huds.) Pers. Creeping bentgrass

A. hyemalis (Walt.) BSP. Ticklegrass

A. perennans (Walt.) Tuckerm. Upland bent

Aira praecox L. Hair grass

Ammophila breviligulata Fern. American beach grass

Andropogon scoparius Michx.

var. littoralis (Nash) Hitchc. Beard grass

A. virginicus L. Broom-sedge

A. virginicus L.

var. abbreviatus (Hack.) Fern. & Grisc.

A. virginicus L.

var. glaucopsis (Ell.) Hitchc.

Aristida tuberculosa Nutt. Sea beach needle grass

Briza minor L. Quaking grass

Bromus communatus Schrad. Brome grass

Cenchrus tribuloides L. Sandbur

Cynodon dactylon (L.) Pers. Bermuda grass

Digitaria filiformis (L.) Koel. Slender crabgrass

D. sanguinalis (L.) Scop. Finger grass

Distichlis spicata (L.) Greene Spike grass

Echinochloa pungens (Poir.) Rydb.

var. microstachya (Wieg.) Fern. & Grisc.

E. Walteri (Pursh) Nash

Eleusine indica (L.) Gaertn. Goose grass

Elymus virginicus L. Wild rye

Eragrostis sp. cultivated

E. pectinacea (Michx.) Nees. Love grass

E. spectabilis (Pursh) Steud. Tumble grass

Festuca arundinaceae Schreb. Alta fescue (from Hitchcock, not in Fernald)

F. ovina L.

var. duriuscula (L.) W. D. J. Koch Sheep's-fescue

F. rubra L. Red fescue

Glyceria pallida (Torr.) Trin. Manna-grass

G. septentrionalis Hitchc. Floating Manna-grass

Holcus lanatus L. Velvet grass

Leptochloa filiformis (Lam.) Beauv. Feather grass

Lolium multiflorum Lam. Italian rye grass

Muhlenbergia Schreberi J. F. Gmel.

var. palustris Scribn. Drop-seed

Panicum agrostoides Spreng.

P. amarum Ell.

P. amarulum Hitchc. & Chase Beach grass

P. capillare L. Old witch grass

P. columbianum Scribn.

var. oricola (Hitch. & Chase) Fern.

P. dichotomiflorum Michx.
var. *dichotomiflorum*

P. lanuginosum Ell.

P. lanuginosum Ell.
var. *fasiculatum* (Torr.) Fern

var. *lanuginosum*

var. *Lindheimeri* (Nash) Fern

P. meridionale Ashe
var. *albemarlense* (Ashe) Fern

P. scoparium Lam.

P. sphaerocarpon Ell.

P. virgatum L. Switch grass

Paspalum floridanum Michx.

P. laeve Michx.

P. setaceum Michx.

Phragmites communis Trin.

Poa annua L. Spear grass

Polypogon monspeliensis (L.) Desf. Beardgrass

Pucinellia distans (L.) Parl.? Alkali-grass

P. fasiculata (Torr.) Bickn. Alkali-grass

Setaria geniculata (Lam.) Beauv. Bristly foxtail

S. glauca (L.) Beauv. Foxtail

Spartina alterniflora Loisel

S. cynosuroides (L.) Roth. Salt reed grass

S. patens (Ait.) Muhl. Salt-meadow grass

Sphenopholis obtusata (Michx.) Scribn.

Triodia flava (L.) Smyth Tall red-top tar grass

Triplasis purpurea (Walt.) Chapm. Sand-grass

Uniola laxa (L.) BSP. Spike grass

Vulpia Elliotea (Raf.) Fern.

V. octaflora (Walt.) Rydb.
var. *tenella* (Willd.) Fern

CYPERACEAE (Sedge family)

Bulbostylis capillaris (L.) C. B. Clarke

Carex Emmonsii Dew. Sedge

C. hormathodes Fern

C. Longii MacKenz.

Cladium mariscoides (Muhl.) Torr. Twig-rush

Cyperus esculentus L. Yellow nut-grass

C. fulicinus Vahl Galingale

C. filiculmis Vahl

C. odoratus L. Galingale

C. retrorsus Chapm. Galingale

C. strigosus L. Galingale

Eleocharis albida Torr. spike-rush

E. palustris R. & S.

E. parvula (R. & S.) Link.

E. rostellata Torr.

Fimbristylis autumnalis (L.) R. & S.

F. castanea (Michx.) Vahl.

Fuirena pumila Torr. (All lumped in Nat. Herb as *F. squarrosa* Michx. *F. pumila* in Fernald) Umbrella-grass

Rhynchospora capitellata (Michx.) Vahl. Beak-rush

R. glomerata (L.) Vahl.

Scirpus americanus Pers. Three-square rush.

S. cyperinus (L.) Kunth Bulrush

S. robustus Pursh

ARACEAE (Arum Family)

Peltandra virginica (L.) Schott & Endl. Arrow Arum

LEMNACEAE (Duckweed Family)

Lemna minor L. Duckweed.

Spirodela polyrhiza (L.) Schleid. Water-flaxseed.

XYRIDACEAE (Yellow-eyed Grass Family)

Xyris torta Sm. Yellow-eyed grass

COMMELINACEAE (Spiderwort Family)

Commelina sp. Dayflower

JUNACEAE (Rush Family)

Juncus acuminatus Michx. Rush

J. biflorus Ell.

J. bufonius L. Toad-rush

J. canadensis J. Gay Rush

J. coriaceus Mackenz.

J. dichotomus Ell.

J. dichotomus Ell.
var. *platyphyllus* (Wieg.) Fern.

J. effusus L. Soft rush
var. *solutus* Fern. and Wieg.

J. Gerardi Loisel Black grass

J. marginatus Rostk. Rush

J. marginatus Rostk.
var. *biflorus* (Ell.) Wood

J. Roemerianus Scheele.

J. scirpoides Lam. Rush

J. scirpoides Lam.
var. *compositus* Harper (not in Fernald)

J. tenuis Willd.

J. Torreyi Coville

LILIACEAE (Lily family)

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Allium sp.

Smilax glauca Walt. Sawbrier

S. Bona-nox L. China-brier

S. tamnoides L.
var. *hispida* (Muhl.) Fern China-root

S. Walteri Pursh Walter's or Red-berried greenbrier

AMARYLLIDACEAE (Amaryllis family)

Hypoxis hirsuta (L.) Coville Stargrass

IRIDACEAE (Iris family)

Sisyrinchium arenicola Bickn. Blue-eyed grass

S. atlanticum Bickn. Blue-eyed grass

ORCHIDACEAE (Orchis family)

Cypripedium acaule Ait. Stemless (Pink) Lady's-slipper

Habenaria cristata (Michx.) R. Br. Crested Yellow Orchis

H. integra (Nutt.) Spreng. Southern Yellow Orchis

Spiranthes praecox (Walt.) S. Wats. Ladies'-tresses

S. tuberosa Raf. Little ladies'-tresses

SALICACEAE (Willow family)

Populus alba L. White poplar

Salix babylonica L. (One station introduced) Weeping willow

S. nigra L. Black willow

MYRICACEAE (Wax-myrtle family)

Myrica cerifera L. Wax-myrtle

M. pennsylvanica Loisel. Bayberry

JUGLANDACEAE (Walnut family)

Juglans nigra L. (Cultivated near Assateague Light House) Black walnut

FAGACEAE (Beech family)

Quercus falcata Michx. Spanish oak, Southern red oak

Q. nigra L. Water oak

Q. palustris Nuenchh. Pin oak

Q. Phellos L. Willow oak

Q. stellata Wang. Post oak

URTICACEAE (Nettle family)

Pilea fontana (Lunell) Fern

POLYGONACEAE (Buckwheat family)

Polygonella sp.

Polygonum glaucum Nutt. Seabeach Knotweed

Rumex Acetosella L. Sheep sorrel

R. crispis L. Yellow dock

CHENOPODIACEAE (Goose foot family)

Atriplex arenaria Nutt. Seabeach Orach

Bassia hirsuta (L.) Aschers

Chenopodium album L. Pigweed

C. ambrosioides L. Mexican-tea

Salicornia Bigelovii Torr. Dwarf saltwort

S. europea L. Chickenclaws

S. virginica L. Perennial saltwort

Salsola kali L. Saltwort

Suaeda linearis (Ell.) Moq. Sea-Blite

S. maritima (L.) Dumort. Sea-Blite

AMARANTHACEAE (Amaranth family)

Amaranthus hybridus L. Pigweed

A. pumilus Raf. Seabeach Amaranth

NYCTAGINACEAE (Four-o'clock family)

Mirabilis Jalapa L. (One station-escaped; cultivated at Wildlife Office)

PHYTOLACCACEAE (Pokeweed family)

Phytolacca americana L. Pokeweed

AIZOACEAE

Mollugo verticillata L. Carpetweed

Sesuvium maritimum (Walt.) BSP. Sea-purslane

CARYOPHYLLACEAE (Pink Family)

Arenaria peploides L. Seabeach Sandwort

Cerastium viscosum L. Mouse-ear Chickweed

Sagina decumbens (Ell.) T. & G. Pearlwort

Spergularia marina (L.) Cyrillo Common Chickweed

RANUNCULACEAE (Crowfoot Family)

Ranunculus laxicaulis (T. & G.) Darby Buttercup

R. scleratus L. Cursed Crowfoot

LARDIZABALACEAE (Not in Eernald)

Akebia quinata Dcne.

MAGNOLIACEAE (Magnolia Family)

Magnolia virginiana L. Small or Laurel-magnolia , Sweet Bay

LAURACEAE (Laurel Family)

Persea Borbonia (L.) Spreng. Red Bay

Sassafras albidum (Nutt.) Nees. Sassafras

CRUCIFERAE (Mustard Family)

Arabidopsis Thaliana (L.) Heynh. Mouse-ear-Cress

Arabis glabra (L.) Bernh. Tower-mustard

Barbarea verna (Mill.) Aschers. Early winter-cress

Cakile edentula (Bigel.) Hook. Pioneer on ocean drift line

Lepidium virginicum L. Pepper grass

DROSERACEAE (Sundew family)

Drosera intermedia Hayne

D. rotundifolia L. (Most extensive in Va.) Round-leaved sundew

HAMAMELIDACEAE (Witch-hazel family)

Liquidambar styraciflua L. Sweet gum

Platanus occidentalis L. Sycamore

ROSACEAE (Rose family)

Amelanchier canadensis (L.) Medic Shad bush

Crataegus crus-galli L. Cock spur thorn (one station)

Geum canadense Jacq.

Potentilla recta L. Cinquefoil Clay roadside only (noted from Eu.)

Prunus maritima Marsh Beach plum (only one station, possibly transplanted since not known so. of N. Ocean City, Md.)

P. serotina Ehrh. Black cherry

Pyrus angustifolia Ait.

var. *spinosa* (Rehd.) Bailey Wild crab (rather common on higher sandy area)

P. arbutifolia (L.) L.f. Red chokeberry

P. Malus L. Apple

Rosa palustris Marsh Rose

R. rugosa Thunb. (Planted on back slope of Barrier dunes in Wildlife Refuge)
Rose

Rubus sp.

LEGUMINOSAE (Pulse Family)

Cassia sp.

Lathyrus japonicus Willd. Beach-pea

Melilotus alba Desr. White melilot White sweet clover

M. officinalis (L.) Lam. Yellow melilot Yellow sweet clover

Robinia Pseudo-Acacia L. Black locust

Strophostyles helvola (L.) Ell. Wild bean.

Trifolium arvense L. Rabbit-foot-clover

T. repens L. White clover

Vicia sp.

LINACEAE (Flax Family)

Linum medium (Planch.) Britt. Flax

OXALIDACEAE (Wood-sorrel Family)

Oxalis sp.

GERANIACEAE (Geranium Family)

Geranium sp.

RUTACEAE (Rue Family)

Xanthoxylum Clava-Herculis L. Hercules'-club or Prickley ash

POLYGALACEAE (Milkwort Family)

Polygala verticillata L. Polygala.

EUPHORBIACEAE (Spurge Family)

Acalypha gracilens Gray Three-seeded Mercury

Euphorbia maculata L. Eyebane

E. polygonifolia L. Seaside spurge

CALLITRICHACEAE (Water-starwort Family)

Callitriche heterophylla Pursh Water-starwort

ANACARDIACEAE (Cashew Family)

Rhus copallina L. Dwarf sumac

R. radicans L. Poison Ivy Ubiquitous

R. Toxicodendron L. Poison oak

AQUIFOLIACEAE (Holly Family)

Ilex Glabra (L.) Gray Inkberry

I. Opaca Ait. American Holly

ACERACEAE (Maple Family)

Acer rubrum L. Red Maple

RHAMNACEAE (Buckthorn Family)

Berchemia scandens (Hill) K. Koch Supple-Jack; (apparently limited to Va.
end of island

Rhamnus Frangula L. Alder Buckthorn.

VITACEAE (Vine Family)

Parthenocissus quinquefolia (L.) Planch. Virginia creeper

Vitis aestivalis Michx. Summer grape

V. Labrusca L. Fox grape

V. rotundifolia Michx. Muscadine

MALVACEAE (Mallow Family)

Althae rosea Cav. (one station cultivated by Assateague Light House) Hollyhock

Hibiscus palustris L. Swamp Rose-mallow (Includes H. Moscheutos L. and
intermediate forms.)

Kosteletzkya virginica (L.) Presl. Seashore-mallow

GUTTIFERAE (St. John's-wort Family)

Ascyrum hypericoides L. St. Andrews cross

Hypericum gentianoides (L.) BSP. Orange Grass

H. gymnathum Engelm. & Gray St. John's-wort

H. mutillum L. St. John's-wort

H. tubulosum Walt.
Var. *Walteri* (Gmel.) Lott. Marsh St. John's-wort

CISTACEAE (Rockrose Family)

Helianthemum canadense (L.) Michx. Frostweed.

Hudsonia tomentosa Nutt. Beach-heath

Lechea maritima Leggett. Pinweed.

VIOLACEAE (Violet Family)

Viola lanceolata L. Lance-leaved Violet

CACTACEAE (Cactus Family)

Opuntia humifusa Raf. Prickly pear

LYTHRACEAE (loosestrife Family)

Ammannia teres Raf.

Lythrum linearis L. Loosestrife

Rotala ramosior (L.) Koehne

NYSSACEAE (Sour Gum Family)

Nyssa sylvatica Marsh Black gum.

MELASTOMATACEAE (Melastoma Family)

Rhexia mariana L. Deer grass

ONAGRACEAE (Evening-primrose Family)

Ludwigia alternifolia L. Seebox

L. palustris (L.) Ell.
var. *americana* (DC.) Fern. & Gisc. Water-purslane

Oenothera humifusa Nutt. (Sika deer selectively browse these Seabeach)
Evening-primrose

HALORAGIDACEAE (Water-milfoil Family)

Myriophyllum pinnatum (Walt.) GSP. Water-milfoil

Proserpinaca palustris L. Mermaid-weed.

ARALIACEAE (Ginseng Family)

Aralia spinosa L. Hercules'-Club.

UMBELIFERAE (Parsley Family)

Centella erecta (L.f.) Fern.

Daucus carota L. Wild carrot

Hydrocotyle umbellata L. Water-pennywort.

H. verticillata Thunb. Water-pennywort

Ptilimnium capillaceum (Michx.) Raf. Mock Bishop's-weed

Sanicula canadensis L. (Black Snake root-woods behind lighthouse)

CORNACEAE (Dogwood Family)

Cornus florida L. (Only one tree ^{known} on the island)

PYROLACEAE

Chimiphila maculata (L.) Pursh Pipsissewa

Monotrope Hypopithys L.

var. *Lanuginosa* (Michx.) Nutt. Pinesap

M. uniflora L. Indian-pipe

ERICACEAE (Heath Family)

Gaylussacia baccata (Wang.) K. Koch Huckleberry

Vaccinium sp. Blueberry

V. macrocarpon Ait. Cranberry (One station.)

PRIMULACEAE (Primrose Family)

Anagallis arvensis L. Scarlet Pimpernel

Samolus parvifloris Raf. Water-Pimpernel

PLUMBAGINACEAE (Leadwort Family)

Limonium carolinianum (Walt.) Britt. Sea-Lavender.

EBENACEAE (Ebony Family)

Diospyros virginiana L. Persimmon.

OLEACEAE (Olive Family)

Ligustrum vulgare L. Privet.

LOGANIACEAE (Logania Family)

Polypremum procumbens L.

GENTIANACEAE (Gentian Family)

Sabatia stellaris Pursh Highly variable species Sea Pink

S. stellaris forma *albiflora* Britt Sea Pink

APOCYNACEAE (Dogbane Family)

Apocynum cannabinum L. Indian hemp

ASCLEPIDACEAE (Milkweed Family)

Asclepius incarnata L. Swamp milkweed

A. lanceolata Walt. Milkweed.

CONVOVULACEAE (Convovulus Family)

Convovulus sp. *sepium* L.

POLEMONIACEAE (Polemonium Family)

Phlox sp.

VERBENACEAE (Vervain Family)

Lippia lanceolata Michx. Fog-fruit.

Verbena sp.

LABIATAE (mint Family)

Lycopus americanus Muhl. Water-horehound

Monarda punctata L.

var. *vallicaulis* Pennell. Horsemint

Nepeta cataria L. (Escaped from cultivation by Assateague Light House) Catnip

Prunella vulgaris L. Heal-all

Teucrium canadense L. American Germander

Trichostema dichotomum L. Blue curls

SOLANACEAE (Nightshade Family)

Datura stramonium L. Jimson weed

Solanum Dulcamara L. Bittersweet

SCROPHULARIACEAE (Figwort Family)

Bacopa Monnieri (L.) Pennell. Water-hyssop

Gerardia maritima Raf. Gerardia

Linaria canadensis (L.) Dumont. Old-field-toadflax

Verbascum Blattaria L. Moth-mullein

V. Thapsus L. Common Mullein

Veronica Peregrina L. Neckweed

BIGNONIACEAE (Bignonia Family)

Campsis radicans (L.) Seem. Trumpet-creeper

OROBANCHACEAE (Broom-rape Family)

Orobanche sp.

PLANTAGINACEAE (Plantain Family)

Plantago lanceolata L. Rib grass

P. Rugellii Dcne. Plantain

P. virginicus L. Hoary Plantain

RUBIACEAE (Madder Family)

Dioda sp.

D. virginiana L. Button weed

Galium concinnum T. & G. Bedstraw.

G. polosum Ait.

G. tinctorium L.

Houstonia nigricans (Lam.) Fern. Bluets

H. purpurea L. Bluets

Michella repens L. Partridge-berry

CAPRIFOLIACEAE (Honey_suckle Family)

Lonicera japonica Thunb. Japanese Honey_suckly

L. sempervirens L. Trumpet honeysuckle

Sambucus canadensis L. Common Elder

Viburnum recognitum Fern. Arrow-wood

CAMPANULACEAE (Bluebell Family)

Lobelia cardinalis L. (One station so. end by garages in fresh bog; Wildlife Refuge) Cardinal-flower

Specularia perfoliata (L.) A.DC. (Clay along roadsides apparently introduced
Venus's looking-glass

COMPOSITAE (Composite Family)

Achillea sp. *Millefolium* L. Yarrow

Ambrosia artemisiifolia L. Common ragweed.

Anaphalis margaritacea (L.) C. B. Clarke Pearly everlasting

Antennaria sp.

Anthemis arvensis L. Corn-chamomile

Aster tenuifolius L. Aster

Baccharis halimifolia L. Sea-Myrtle

Bidens bipinnata L. Spanish needles

B. frondosa L. Bur-marigold

B. laevis (L.) BSP.

Borrchia frutescens (L.) DC. Sea-ox-eye Apparently N. dist. limited to Va.

Chrysopsis nervosa (Willd.) Fern. Silkgrass

Cichorium Intybus L. Chicory

Cirsium horridulum Michx. Yellow thistle

C. vulgare (Savi) Tenore Bull thistle

Eclipta alba (L.) Hassk. Yerba-de-Tagó

Elephantopus carolinianus Willd. Elephant's-foot

E. tomentosus L. Devil*s-grandmother

Erechtites hieraciifolia (L.) Raf. Pilewort

Erigeron canadensis L. Hawkweed

Erigeron pusillus Nutt. Flea bane

E. strigosus Muhl. var. *strigosus* Daisy Fleabane

Eupatorium album L. Thoughtwort

E. capillifolium (Lam.) Small. Dog-fennel

E. hyssopifolium L. Thoughtwort

E. rotundifolium L. Thoughtwort

Gaillardia pulchella Foug. Gaillardia

Gnaphalium parpureum L. Purple Cudweed

Heterotheca subaxillaris (Lam.) Britte. & Rusby Camphor weed

Hieracium Gronovii L. Hawkweed

Hypochaeris radicata L. Cat's ear

Iva frutescens L. Marsh-elder (Highwater-shrub)

Krigia virginica (L.) Willd. Dwarf dandelion.

Lactuca canadensis L. Lettuce

var. *latifolia* Ktze.

var. *longifolia* (Michx.) Fernald

Mikania scandens (L.) Willd. Climbing Hempweed.

Pluchea foetida (L.) DC. Stinking fleabane

P. purpurascens (Sw.) DC. Marsh fleabane

Pyrrophappus carolinianus (Walt.) DC. False Dandelion

Lactuca scariola L. Prickly
Lettuce

Senecio tomentosus Michx. Groundsel

Solidago sempervirens L. Seaside golden rod.

Sonchus asper (L.) Hill. Spiny leaved Sow-Thistle

Sonchus oleraceus L. Common Sow-thistle

Taraxacum officinale Weber Common Dandelion

Strumarium L. Cocklebur
Xanthium eximatum Murr. Sea-burdock