

The Vascular Flora of Cove Point, Calvert County, Maryland

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ABSTRACT.—The vascular flora of the Cove Point Liquefied Natural Gas Limited Partnership property at Cove Point, Calvert County, Maryland was surveyed from 1996 to 1999. A voucher specimen was collected for each taxon discovered and deposited in the herbarium of the Cove Point Natural Heritage Trust. A total of 698 species (705 taxa) from 383 genera in 119 families were recorded from the study site. Twelve vascular plant species listed as state endangered or endangered extirpated and three species listed as state threatened were collected from the study area. Additionally, three species ranked as highly state rare or state rare, and 17 species on the state watch list were recorded. Two of the non-native vascular plant taxa, one sedge (*Carex gravida*) and one grass (*Sporobolus indicus*), were first records for Maryland.

INTRODUCTION

Study Site

Cove Point, located at approximately 38° 23' north latitude, 76° 24' west longitude in Calvert County, Maryland contains 406 ha owned by the Cove Point Liquefied Natural Gas (LNG) Limited Partnership. This area is bordered to the southwest by Cove Point Road, to the east by the Chesapeake Bay, and extends north almost to the main stem of Grays Creek. The barrier wetland lying within the truncated cusped foreland of Cove Point Cape is approximately 77 ha. Of the 329 ha of upland, 44 are covered by the LNG industrial complex. The remaining upland area (285 ha) is comprised mostly of young, mixed deciduous and coniferous forest, managed meadows and lawns, ponds, creeks, and seeps. The creeks are highly affected by stream capture.

The upland canopy was dominated by rock chestnut oak (*Quercus prinus*), although black oak (*Quercus velutina*), scarlet oak (*Quercus coccinea*), mockernut hickory (*Carya tomentosa*), and pale hickory (*Carya pallida*) were also common along with the conifers Virginia pine (*Pinus virginiana*) and loblolly pine (*Pinus taeda*). American holly (*Ilex opaca*) occurred in the midstory while the shrub layer was dominated by patches of mountain laurel (*Kalmia latifolia*), blueberry (*Vaccinium corymbosum* and *V. pallidum*) and huckleberry (*Gaylussacia baccata*). The herbaceous layer was sparse but diverse with at least 351 species recorded. Numerous seeps, edges of Wilbur Creek and southern tributaries of Grays Creek were often dominated by thick mats of mosses and supported populations of many wetland plant species not found in the barrier wetland at Cove Point. The vascular flora of Cove Point barrier wetland and its associated barrier dune was described by Steury (1999a).

Soils

Matthews (1971) provides a description of soils at Cove Point. Upland soils are primarily composed of Evesboro loamy sand and Sassafras fine sandy loam. The Evesboro series consists of very deep, excessively drained soils, and are the sandiest soils in Calvert County uplands. The Evesboro series have very low available moisture

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capacity, are low in natural plant nutrients, and are strongly to extremely acid. The Sassafras series consists of deep, well drained soils that have a surface layer of brown loamy fine sand about 23 cm thick. They have moderate available moisture capacity, are strongly to extremely acid and warm up early in the spring. Evesboro loamy sand most often occurs on 12 to 35 percent slopes while Sassafras fine sandy loam occurs on 2 to 15 percent slopes. The soils of seeps along Wilbur Creek and along the tributaries of Grays Creek are designated as mixed alluvial. These wet soils were observed to consist of areas of saturated sand, peat or muck. Other soils present on the Cove Point uplands include Westphalia fine sandy loam, Matapeake and Beltsville silt loams, and Rumford-Evesboro gravelly loamy sands. Elevations at Cove Point range from sea level to 34 m above mean sea level.

Climate

Cove Point lies in the Temperate Continental climate zone delineated by Trewartha and Horn (1980). There is no distinct dry season and summers are hot and winters are mild. La Plata, Maryland, 53 km west of Cove Point, at 38°32' north latitude and 77°00' west longitude and an elevation of 42 m, recorded a mean daily maximum temperature of 19.6°C and a mean daily minimum temperature of 6.9°C between 1951 and 1980. The month of July recorded the warmest monthly mean temperature of 24.4°C and January was the coldest month averaging 1.4°C. The warmest temperature recorded was 39.4°C in July, 1954 and the coldest temperature was -22.2°C in January, 1957. An average of 28 days per year reach 32.2 °C or above and an average of 104 days per year reach a minimum temperature that is below freezing (Ruffner and NOAA 1985).

Mean annual precipitation at La Plata is 108 cm. August is the wettest month with a mean precipitation level of 12.5 cm. February is the driest month with only 7.3 cm of precipitation. Snowfall measuring 0.25 cm or more occurs on an average of 72 days per year with a mean annual accumulation of 46.7 cm. Average relative humidity along the Chesapeake Bay is approximately 60% in spring and winter and 75% during summer and autumn. Average frost penetration is about 12.7 cm along the coast of southern Maryland. Prevailing winds are from the northwesterly quadrant at 15.3 kph in winter and southwesterly at 17.7 kph in summer (Ruffner and NOAA 1985).

METHODS

The vascular flora of the LNG property at Cove Point was surveyed approximately twice monthly from April through October, 1996 to 1999. The barrier wetland was the focus of search efforts in 1996 and 1997. A canoe was used to access the interior sections of the wetland and the edges were surveyed on foot. Uplands were surveyed in 1998 and 1999. Upland surveys generally followed a meander search pattern while looking for unusual habitat niches where more focused search efforts were conducted. A voucher specimen was collected for each taxon discovered. Unless noted otherwise, all taxa documented in this report are represented by mounted specimens deposited at the herbarium of the Cove Point Natural Heritage Trust. Herbaria acronyms follow Holmgren et al. (1990). Some additional specimens were distributed to COLO, KANU, MARY, MICH, NA, PH, UC, UNA, US, and VDB (Steury 1997, 1999a). The nomenclature and origin of all taxa in this report follow Gleason and Cronquist (1991).

RESULTS

A total of 698 species (705 taxa) from 383 genera in 119 families was recorded from the study site, including 52 species of trees (42 native, two of which were introduced through plantings) and 63 (47 native) species of shrubs and other low woody species. A total of 46 species of vines were recorded, including 19 (15 native) woody vines and 27 (17 native) herbaceous vines. The remaining herbaceous plants found at Cove Point were comprised of 537 species (544 taxa), including 21 species of ferns and other vascular cryptogams, 87 (57 native) species of grasses, 61 (58 native) species of sedges, and 10 species of rushes. Families with the greatest representation of individual species at Cove Point were the Poaceae (87), Asteraceae (75, 77 taxa), Cyperaceae (61, 63 taxa), Fabaceae (39) and Rosaceae (29). Families with the greatest number of native species were Asteraceae (59, 61 taxa), Cyperaceae (58, 60 taxa), Poaceae (57), Fabaceae (19) and Rosaceae (18). Of the 696 species recorded, 24.3% were not native to the northeastern United States.

Two of the non-native vascular plant taxa, one sedge (*Carex gravida*) and one grass (*Sporobolus indicus*), recorded from the Cove Point uplands were first records for Maryland (Steury 1999b; Steury 2000). Based on reviews of Brown and Brown (1984), Mercer (1968), and the Maryland Wildlife and Heritage Division's Biological and Conservation Database (1999), *Agalinis setacea*, *Erianthus alopecuroides*, *Gentiana villosa*, and *Krigia dandelion* are first records for Calvert County. Additionally, Redman (1991) reported *Lycopodium lucidulum* as unrecorded from Calvert County and Hill (1988) published the first record of *Strophostyles leiosperma* from Maryland in Harford County. Both of these taxa are now listed for Calvert County in this report. Twelve vascular plant species listed as state endangered or endangered extirpated, and three species listed as state threatened (Maryland Natural Heritage Program 2001) were collected from the study area. Additionally, three species ranked as highly state rare or state rare, and 17 species on the state watch list were recorded.

ANNOTATED LIST OF VASCULAR PLANTS OF COVE POINT

Families, genera, and species are arranged alphabetically within major taxonomic divisions. Taxa not native to Maryland are denoted by a single asterisk. However some taxa, *Pinus strobus* and *Pinus resinosa* for example, native to the State of Maryland, were likely introduced by humans at Cove Point. The 35 species denoted by a double asterisk are native species listed as rare, threatened or endangered in Maryland by the Maryland Natural Heritage Program (2001). Acronyms are given for each habitat in which a taxon was observed. Four primary habitats were recognized: Cove Point wetland (CPW), barrier dune (BD), dry upland (DU) and wet upland (WU). A taxon which occurred in more than one habitat was noted with the principal association cited first. All voucher specimens are deposited in the herbarium of the Cove Point Natural Heritage Trust, unless designated otherwise using acronyms following Holmgren et al. (1990). Collection numbers are those of the author. A taxon was ranked as "rare" if it was observed to be restricted to a single isolated population, or if not more than 25 plants or flowering stems were observed during the course of the survey.

Lycopodiophyta

Lycopodiaceae

Lycopodium digitatum Dillen—(southern ground cedar) DU. 980817.3

Lycopodium lucidulum Michx.—(shining clubmoss) WU. Rare. 980702.17

Lycopodium obscurum L.—(ground pine) DU. 980618.7

Equisetophyta

Equisetaceae

Equisetum arvense L. (common horsetail) BD, CPW. Rare. 960420.4

Polypodiophyta

Aspleniaceae

Asplenium platyneuron (L.) Oakes—(ebony spleenwort) DU. 960518.37

Athyrium filix-femina (L.) Roth var. *asplenioides* (Michx.) Farw.—(southern lady fern) WU. 990619.4

Athyrium filix-femina (L.) Roth var. *michauxii* Mettenius—(northern lady fern) CPW, WU. 960829.9

Dryopteris carthusiana (Villars) H.P. Fuchs—(toothed wood-fern) DU. Rare. 990501.4

Polystichum acrostichoides (Michx.) Schott.—(Christmas fern) DU. 960615.21

Thelypteris hexagonoptera (Michx.) Weatherby—(southern beech-fern) DU. 980513.4

Thelypteris noveboracensis (L.) Nieuwl.—(New York fern) DU. 960615.32

Thelypteris palustris Schott—(marsh fern) CPW, WU. 960725.26

Blechnaceae

Woodwardia areolata (L.) Moore—(netted chain fern) CPW, WU. 960427.28

Woodwardia virginica (L.) J. E. Smith—(Virginia chain fern) CPW. 960427.29

Dennstaedtiaceae

Dennstaedtia punctilobula (Michx.) Moore—(hay-scented fern) DU. 980618.5

Pteridium aquilinum (L.) Kuhn var. *latiusculum* (Desv.) Underw.—(bracken fern) CPW, DU. Rare. 990804.6

Onocleaceae

Onoclea sensibilis L.—(sensitive fern) CPW, WU. 960525.19

Ophioglossaceae

Botrychium biternatum (Savigny) Underwood—(sparce-lobed grapefern) DU. Rare. 980817.5

Botrychium virginianum (L.) Swartz—(rattlesnake fern) DU. Rare. 980526.18

Ophioglossum vulgatum L. var. *pyncnostichum* Fern.—(southern adder's tongue fern) DU. Rare. 990501.2

Osmundaceae

Osmunda cinnamomea L.—(cinnamon fern) CPW, WU. 960511.8

Osmunda regalis L. var. *spectabilis* (Willd.) A. Gray—(royal fern) CPW, WU.
960427.26

Pinophyta

Cupressaceae

Juniperus virginiana L. var. *crebra* Fern.—(red cedar) BD, CPW, DU. 960601.30

Pinaceae

Pinus resinosa Aiton—(red pine) DU. Rare, introduced through plantings.
960513.6

Pinus strobus L.—(white pine) DU. Rare, introduced through plantings. 980627.5

Pinus taeda L.—(loblolly pine) CPW, DU. 960427.31

Pinus virginiana Miller—(Virginia pine) DU, CPW. 960511.51

Taxodiaceae

Taxodium distichum (L.) Rich.—(bald cypress) CPW. Rare (one seedling).
970524.1 (PH)

Magnoliophyta

Acanthaceae

Ruellia caroliniensis (Walter) Steudel—(hairy ruellia) DU. Rare. 960720.5

Aceraceae

Acer rubrum L.—(red maple) CPW, BD, DU, WU. 960427.30

Agavaceae

Yucca filamentosa L.—(Adam's needle) DU. Rare. 980526.16

Alismataceae

Alisma subcordatum Raf.—(southern water-plantain) CPW. 960708.6

*Sagittaria australis*** (J.G. Smith) Small—(Appalachian arrow-head) WU, CPW.
980817.6

Sagittaria latifolia Willd.—(common arrowhead) CPW. Rare. 960817.51

Amaranthaceae

*Amaranthus retroflexus** L.—(rough pigweed) DU. Rare. 981007.2

Anacardiaceae

Rhus copallinum L.—(dwarf sumac) BD, DU. 960525.32

Rhus glabra L.—(smooth sumac) BD. Rare. 960518.81

Rhus typhina L.—(staghorn sumac) DU. 960629.19

Toxicodendron radicans (L.) Kuntze—(common poison-ivy) BD, CPW, DU.
960518.19

Annonaceae

Asimina triloba (L.) Dunal—(pawpaw) BD, CPW, DU. 960513.8

Apiaceae

Aegopodium podagraria L.*—(goutweed) DU. 980618.31

Cicuta maculata L.—(common water-hemlock) CPW. 960730.5

- Daucus carota* L.*—(Queen Anne's lace) BD, DU. 960629.38
Hydrocotyle ranunculoides L. f. —(buttercup pennywort) CPW. 960427.21
Hydrocotyle umbellata L.—(water pennywort) CPW. Rare. 960829.27
Hydrocotyle verticillata Thumb.—(whorled pennywort) CPW. 960629.68
Oxypolis rigidior (L.) Raf.—(cowbane) CPW. Rare. 960720.32
Ptilimnium capillaceum (Michx.) Raf.—(Atlantic mock bishop-weed) CPW.
 960719.8
Sanicula canadensis L.—(black snake-root) DU. 960629.17
Sium suave Walter—(water parsnip) CPW. 960725.12

Apocynaceae

- Apocynum cannabinum* L.—(dogbane hemp) BD, DU. 960708.33
Apocynum sibiricum Jacq.**—(clasping leaved dogbane) BD. 960629.10
Vinca minor L.*—(periwinkle) DU. Rare. 990501.6

Aquifoliaceae

- Ilex opaca* Aiton—(American holly) CPW, DU. 960505.30
Ilex verticillata (L.) A. Gray—(winterberry) CPW. 960615.13

Araceae

- Arisaema triphylum* (L.) Schott—(jack-in-the-pulpit) WU mesic. Rare. 980428.7
Orontium aquaticum L.—(golden-club) WU. Rare. 980702.2
Peltandra virginica (L.) Schott & Endl.—(arrow arum) CPW. 960511.2
Symplocarpus foetidus (L.) Nutt.—(skunk cabbage) CPW, WU. 960427.4

Araliaceae

- Aralia spinosa* L.—(Hercules' club) BD, CPW on stumps, DU. 960518.31
Hedera helix L.*—(English ivy) DU. 960518.25

Aristolochiaceae

- Aristolochia serpentaria* L.—(Virginia-snakeroot) DU. Rare. 980513.4

Asclepiadaeae

- Ampelamus albidus* (Nutt.) Britton—(sandvine) BD. Rare. 960720.14
Asclepias amplexicaulis J.E. Smith—(clasping milkweed) DU. Rare. 980803.16
Asclepias incarnata L. var. *pulchra* (Ehrh.) Pers.—(swamp milkweed) CPW.
 960708.14
Asclepias syriaca L.—(common milkweed) BD, DU. 960615.41
Asclepias tuberosa L.—(butterfly milkweed) DU. Rare. 980618.20
Asclepias verticillata L.**—(whorled milkweed) BD. Rare. 960629.26
Matelea carolinensis (Jacq.) Woodson**—(Carolina spiny anglepod) DU. Rare.
 990619.1
Matelea suberosa (L.) Shinners—(Atlantic angle-pod) CPW edge. Rare.
 960629.49

Asteraceae

- Achillea millefolium* L.—(common yarrow) BD, DU. 960601.23
Ambrosia artemisiifolia L.—(common ragweed) BD, DU. 960720.12
Antennaria plantaginifolia (L.) Richardson—(plantain pussytoes) DU. 980513.33
Anthemis arvensis L.*—(corn camomile) DU. 980513.17
Artemisia vulgaris L.*—(mugwort) BD, DU. 960518.79
Aster divaricatus L.—(common white heart-leaved aster) DU. 980921.3
Aster lanceolatus Willd. var. *simplex* (Willd.) A. G. Jones—(eastern lined aster) CPW, WU. 961005.10
Aster lateriflorus (L.) Britton—(goblet aster) DU. 981007.12
Aster paternus Cronq.—(toothed white-topped aster) DU. 980605.5
Aster pilosus Willd. var. *pilosus*—(awl aster) DU. 960914.11
Aster pilosus Willd. var. *pringlei* (A. Gray) S. F. Blake—(awl aster) DU. Rare. 981007.11
Aster subulatus Michx.—(annual salt-marsh aster) CPW. Rare. 960829.20
Baccharis halimifolia L.—(groundsel-tree) BD, DU. Rare. 960817.93
Bidens bipinnata L.—(Spanish needles) BD, DU. 960817.43
Bidens connata Muhl.—(purplestem beggar-ticks) CPW. Rare. 970913.9
Bidens discoidea (T. & G.) Britton**—(few-bracted beggar ticks) CPW. 970825.1
Bidens frondosa L.—(devil's beggar-ticks) WU. Rare. 980908.7
Bidens laevis (L.) BSP.—(showy bur-marigold) CPW, WU. 970913.11
Bidens polylepis S.F. Blake*—(Ozark tickseed) DU. 980908.17
Centaurea maculosa Lam.*—(spotted knapweed) DU. Rare. 980817.8
Chondrilla juncea L.*—(skeleton weed) BD. 960629.41
Chrysanthemum leucanthemum L.*—(ox-eye daisy) DU. 960615.4
Chrysopsis mariana (L.) Elliott—(shaggy golden aster) DU. 980817.12
Cichorium intybus L.*—(chicory) DU. Rare. 980803.15
Cirsium discolor (Muhl.) Sprengel—(field-thistle) DU. Rare. 980908.19
Cirsium vulgare (Savi) Tenore*—(bull thistle) DU. Rare. 980803.19
Conyza canadensis (L.) Cronq.—(horseweed) BD, DU. 960810.29
Coreopsis grandiflora Hogg.—(bigflower tickseed) DU. Rare. 990605.7
Eclipta prostrata (L.) L.*—(yerba-de-tajo) CPW. Rare. 960720.8
Elephantopus carolinianus Willd.—(leafy elephant's foot) DU. 980817.11
Elephantopus tomentosus L.**—(tobaccoweed) DU. Rare. 980803.8 (US)
Erechtites hieracifolia (L.) Raf.—(fireweed) CPW, DU. 960817.55
Erigeron annuus (L.) Pers.—(annual fleabane) DU. 960601.21
Erigeron philadelphicus L.—(Philadelphia fleabane) DU. 960518.4

- Eupatorium album* L.—(white-bracted eupatorium) CPW, DU. 960720.30
- Eupatorium fistulosum* Barratt—(hollow-stem joe-pye weed) DU mesic, WU. 980803.7
- Eupatorium hyssopifolium* L. var. *hyssopifolium*—(hyssop leaved thoroughwort) DU. 960810.26
- Eupatorium hyssopifolium* L. var. *laciniatum* A. Gray—(hyssop leaved thoroughwort) DU. Rare. 980721.1
- Eupatorium perfoliatum* L.—(bonset) CPW, WU. Rare. 960525.39
- Eupatorium rotundifolium* L. var. *ovatum* (Bigel.) Torr.—(round-leaved eupatorium) DU. 960810.11
- Eupatorium serotinum* Michx.—(late eupatorium) DU. 980908.5
- Euthamia graminifolia* (L.) Nutt. var. *nuttalli* (Greene) W. Stone—(common flat-topped goldenrod) DU. 961005.21
- Gnaphalium obtusifolium* L.—(cudweed) BD, DU. 960817.34
- Gnaphalium purpureum* L.—(purple cudweed) DU. Rare. 960525.20
- Helianthus annuus* L.—(common sunflower) DU. Rare. 960725.10
- Helianthus grosseserratus* Martens—(sawtooth sunflower) DU. Rare. 980921.1
- Helianthus tuberosus* L.—(Jerusalem-artichoke) DU mesic. 980908.8
- Hieracium gronovii* L.—(beaked hawkweed) DU. 980803.20
- Hieracium pilosella* L.*—(mouse-ear hawkweed) DU. Rare. 980513.22
- Hieracium venosum* L.—(veiny hawkweed) DU. 960615.38
- Hypochoeris radicata* L.*—(spotted cat's ear) DU. 960601.25
- Iva frutescens* L.—(maritime marsh-elder) BD, CPW. Rare. 960708.65
- Krigia dandelion* (L.) Nutt.**—(colonial dwarf dandelion) DU. Rare. 980513.12 (duplicate at US)
- Krigia virginica* (L.) Willd.—(Virginia dwarf dandelion) DU. 980414.21
- Kuhnia eupatorioides* L.—(false boneset) BD. Rare. 960907.10
- Lactuca canadensis* L.—(tall lettuce) BD, DU. 960719.16
- Lactuca serriola* L.*—(prickly lettuce) BD, DU. 960719.15
- Liatris graminifolia* Willd.—(grass-leaved blazing star) DU. 970913.6
- Mikania scandens* L. (Willd.)—(climbing hempweed) CPW. 960730.8
- Pluchea odorata* (L.) Cass.—(salt-marsh fleabane) CPW. 960817.9
- Prenanthes serpentina* Pursh.—(lion's foot) DU. Rare. 980908.12
- Rudbeckia hirta* L.—(black-eyed susan) DU. 980618.8
- Senecio anonymus* A. Wood—(Appalachian groundsel) DU. Rare. 980605.8
- Senecio vulgaris* L.*—(common groundsel) DU. Rare. 980414.2
- Solidago canadensis* L. var. *scabra* T. & G.—(tall goldenrod) BD, DU. 990918.1
- Solidago erecta* Pursh—(slender goldenrod) DU. Rare. 980921.10
- Solidago juncea* Aiton—(early goldenrod) BD. Rare. 960810.27

Solidago nemoralis Aiton var. *haleana* Fern.—(gray goldenrod) DU. Rare. 981007.7

Solidago rugosa Miller—(wrinkle-leaf goldenrod) DU. 980908.13

Solidago sempervirens L.—(seaside goldenrod) BD. 960817.4

Solidago speciosa Nutt.**—(showy goldenrod) DU. 980921.12 (duplicate at US)

Sonchus asper (L.) Hill*—(prickly sow-thistle) BD, DU. 960719.17

Taraxacum officinale Weber ex Wiggers*—(common dandelion) DU. 960518.47

Verbesina occidentalis (L.) Walter—(southern flat-seed sunflower) DU. 980908.11

Vernonia noveboracensis (L.) Michx.—(New York ironweed) CPW. Rare. 960810.9

Xanthium strumarium L. var. *canadense* (Miller) T. & G.—(common cocklebur) BD. 960817.31

Youngia japonica (L.) DC.*—(Asiatic hawk's beard) DU. Rare. 980428.5

Balsaminaceae

Impatiens capensis Meerb.—(orange jewel-weed) WU. Rare. 980702.4

Berberidaceae

Podophyllum peltatum L.—(May-apple) DU. 980513.11

Betulaceae

Alnus serrulata (Aiton) Willd.—(smooth alder) CPW, WU. 960427.24

Carpinus caroliniana Walter—(hornbeam) DU. 980526.14

Bignoniaceae

Campsis radicans (L.) Seemann—(trumpet creeper) BD, CPW, DU. 960629.45

Paulownia tomentosa (Thunb.) Steudel*—(empress tree) DU. 980526.15

Boraginaceae

Cynoglossum virginianum L.—(wild comfrey) DU. 980513.31

Echium vulgare L.*—(blue-weed) DU. 990821.2

Lithospermum arvense L.*—(corn-gromwell) BD. Rare. 960518.39

Myosotis micrantha Pallas*—(blue forget-me-not) BD. Rare. 990417.8

Myosotis macrosperma Engelm.**—(large seed forget-me-not) BD, DU. 960518.95

Brassicaceae

Arabidopsis thaliana (L.) Heynh.*—(mouse-ear cress) DU. 980414.7

Arabis lyrata L.—(lyre leaved mustard) BD. 960427.12

Barbarea vulgaris R. Br.*—(common winter cress) DU. 960525.23

Cakile edentula (Bigelow) Hook—(sea-rocket) BD. 960708.3

Cardamine hirsuta L.*—(hairy bittercress) DU, CPW edge. 960420.2

Draba verna L.*—(whitlow mustard) DU. 980414.11

Lepidium campestre (L.) R. Br.*—(field cress) DU. 980414.4

Lepidium densiflorum Schrader—(dense-flowered peppergrass) BD, DU. 960629.24

- Lepidium virginicum* L.—(poor-man’s pepper) DU. 990515.2
- Cabombaceae
- Brasenia schreberi* J.F. Gemelin—(water shield) WU. 980721.2
- Cactaceae
- Opuntia humifusa* (Raf.) Raf.—(eastern prickly pear cactus) BD. 960719.18
- Caesalpiniaceae
- Chamaecrista fasciculata* (Michx.) Greene—(partridge-pea) DU. 980702.20
- Chamaecrista nictitans* (L.) Moench—(wild sensitive plant) DU. 980817.1
- Campanulaceae
- Lobelia cardinalis* L.—(cardinal flower) CPW, WU. 960810.37
- Lobelia inflata* L.—(Indian tobacco) DU. 980721.7
- Lobelia puberula* Michx.—(downy lobelia) WU mesic. Rare. 980921.9
- Triodanis perfoliata* (L.) Nieuwl—(round-leaved triodanis) BD, DU. 960608.18
- Caprifoliaceae
- Lonicera japonica* Thunb.*—(Japanese honeysuckle) BD, DU, WU. 960525.5
- Lonicera maackii* (Rupr.) Maxim.*—(Asian honeysuckle bush) DU. 960518.5
- Lonicera sempervirens* L.—(trumpet-honeysuckle) DU. Rare. 990703.2
- Sambucus canadensis* L.—(common elder) CPW, WU. 960525.45
- Triosteum perfoliatum* L.—(perfoliate horse-gentain) DU. Rare. 960518.58
- Viburnum acerifolium* L.—(maple-leaved viburnum) DU. Rare. 960615.26
- Viburnum nudum* L.—(possum haw) CPW, WU. 960511.21
- Viburnum prunifolium* L.—(black haw) CPW, DU. 960505.10
- Caryophyllaceae
- Arenaria serpyllifolia* L.*—(tyme leaved sandwort) BD, DU. 960518.34
- Cerastium viscosum* L.*—(mouse-ear chickweed) DU. 960427.8
- Cerastium vulgatum* L.*—(common mouse-ear chickweed) DU. 960518.51
- Dianthus armeria* L.*—(Deptford pink) DU. 960615.1
- Holosteum umbellatum* L.*—(jagged chickweed) DU. Rare. 980414.12
- Petrorhagia prolifera* (L.) P.W. Ball & Heywood*—(childing pink) BD. 960629.1
- Saponaria officinalis* L.*—(bouncing bet) BD. 960629.29
- Scleranthus annuus* L.*—(knewel) DU. 980414.3
- Stellaria media* (L.) Villars*—(common chickweed) DU. 960427.16
- Celastraceae
- Celastrus orbiculatus* Thunb.*—(oriental bittersweet) DU. 960817.19
- Celastrus scandens* L.—(American bittersweet) DU. Rare. 960518.45
- Euonymus americanus* L.—(strawberry-bush) DU. 960615.20
- Euonymus alatus* (Thumb.) Siebold*—(winged burning bush) DU. Rare. 990804.4
- Chenopodiaceae
- Atriplex hastata* L.*—(spearscale) CPW. Rare. 961005.15

THE VASCULAR FLORA OF COVE POINT, CALVERT COUNTY, MARYLAND

Chenopodium berlandieri Moq. var. *macrocalycium* (Aellen) Cronq.-(pitseed)
BD. Rare. 960817.38

Salsola kali L.-(saltwort) BD. 960817.32

Cistaceae

Lechea racemulosa Michx.-(many flowered pinweed) DU. 980803.11

Clethraceae

Clethra alnifolia L.-(coast white alder) CPW, WU. 960427.32

Clusiaceae

Hypericum canadense L.-(Canada St. John's-wort) CPW. Rare. 960810.14

Hypericum gentianoides (L.) BSP.-(orange-grass St. John's-wort) DU. Rare.
970913.5

Hypericum mutilum L.-(dwarf St. John's-wort) CPW, WU. 960730.11

Hypericum perforatum L.*-(common St. John's-wort) DU. Rare. 980618.3

Hypericum punctatum Lam.-(spotted St. John's-wort) DU mesic. Rare.
980618.12

Hypericum stragulum P. Adams & Robson-(decumbent St. Andrew's cross) DU.
960725.8

Triadenum virginicum (L.) Raf.-(marsh St. John's-wort) CPW. 960720.33

Triadenum walteri (S. G. Gmelin) Gleason-(Walter's St. John's-wort) CPW.
960725.31

Commelinaceae

Commelina communis L.*-(Asiatic dayflower) WU, DU. 960629.31

Commelina virginica L.-(Virginia dayflower) CPW. 960719.1

Convolvulaceae

Calystegia sepium (L.) R. Br.-(hedge-bindweed) BD, DU. 960525.11

Convolvulus arvensis L.*-(field-bindweed) DU. 980605.2

Ipomoea coccinea L.*-(red morning glory) DU. Rare. 981007.3

Ipomoea hederacea Jacq.-(ivy-leaved morning glory) DU. 980702.14

Ipomoea lacunosa L.-(white morning glory) DU. 980908.10

Cornaceae

Cornus racemosa Lam.-(northern swamp dogwood) WU, CPW. 990821.1

Cornus amomum Miller-(knob-styled dogwood) CPW. Rare. 960518.90

Cornus florida L.-(flowering dogwood) DU. 960817.15

Nyssa sylvatica Marshall-(black tupelo) CPW, WU, DU. 960608.10

Cuscutaceae

Cuscuta compacta A. L. Juss.-(compacted dodder) CPW. Rare. 960829.15

Cuscuta gronovii Willd.-(common dodder) CPW, WU. 960914.20

Cyperaceae

Carex alata T. & G.-(winged sedge) CPW, WU. 960720.65

- Carex albicans* Willd. var. *emmonsii* (Dewey) Rettig.—(Emmon's sedge) DU. 980414.19
- Carex atlantica* L. Bailey var. *atlantica*—(large Atlantic sedge) WU. Rare. 990605.6
- Carex atlantica* L. Bailey var. *capillacea* (L. Bailey) Cronquist—(small Atlantic sedge) CPW, WU. 960511.44
- Carex blanda* Dewey—(charming sedge) DU. 960518.15
- Carex canescens* L.—(gray hairy sedge) CPW. 960427.33
- Carex cephalophora* Muhl.—(head-bearing sedge) DU. Rare. 980526.1
- Carex comosa* F. Boott—(bearded sedge) CPW. 960608.21
- Carex complanata* Torr. & Hook—(flattened sedge) DU, CPW edge. 960720.45
- Carex crinita* Lam.—(tasseled sedge) CPW, WU. 960518.12
- Carex debilis* Michx.—(weak sedge) CPW, WU. Rare. 960511.41
- Carex digitalis* Willd.—(finger sedge) DU. 990515.1
- Carex folliculata* L.—(follicled sedge) WU. Rare. 990605.4
- Carex gravida* L.H. Bailey var. *lunelliana* (Mackenzie) Hermann*—(heavy sedge) DU. Rare. 990605.1 (duplicate at US)
- Carex hyalinolepis* Steudel**—(shoreline sedge) CPW. 960601.34
- Carex intumescens* Rudge—(swelled sedge) CPW, WU. 960511.39
- Carex laevivaginata* (Kuk.) Mackenzie—(smooth-sheathed sedge) CPW. 960511.43
- Carex laxiflora* (Lam.)—(loosely-flowered sedge) DU. Rare. 980513.7
- Carex longii* Mackenzie—(Long's sedge) CPW. Rare. 960525.58 (MICH)
- Carex lurida* Wahlenb.—(yellow-green sedge) CPW, WU. 960525.62
- Carex muhlenbergii* Schk.—(Muhlenberg's sedge) DU. Rare. 990605.10
- Carex nigromarginata* Schwein.—(black margined sedge) DU. Rare. 980414.17
- Carex radiata* (Wahlenb.) Small—(stellate sedge) WU, CPW. Rare. 960608.28
- Carex scoparia* Schk.—(broom-like sedge) WU. Rare. 990804.2
- Carex seorsa* Howe—(separated sedge) CPW, WU. 960505.46
- Carex sparganioides* Muhl. var. *aggregata* (Mackenzie) Gleason—(crowed sedge) DU. Rare. 990515.5
- Carex stipata* Muhl. var. *maxima* Chapman—(large crowed sedge) CPW. Rare. 960518.10
- Carex stricta* Lam.—(erect sedge) CPW. Rare. 960420.6
- Carex styloflexa* Buckley**—(bent sedge) WU. Rare. 980428.10
- Carex swanii* (Fern.) Mackenzie—(swan's sedge) DU. 960518.16
- Carex venusta* Dewey var. *minor* Boeckeler**—(graceful sedge) WU. Rare. 990605.9 (MICH)
- Carex vulpinoidea* Michx.—(fox tail sedge) CPW, WU, DU mesic. 960525.60

- Cyperus brevifolioides* Thieret & Delah.*—(button sedge) CPW edge. 960810.24
Cyperus echinatus (L.) Wood—(globe-sedge) DU. 960708.22
Cyperus erythrorhizos Muhl.—(redroot flatsedge) CPW. Rare. 960720.92 (MICH)
Cyperus esculentus L.—(yellow nutsedge) BD. Rare. 961005.2
Cyperus filicinus Vahl.—(Nuttall's cyperus) CPW. 960817.23
Cyperus filiculmis Vahl.—(slender cyperus) DU. 980803.18
Cyperus flavescens L.—(yellow galingale) CPW edge. Rare. 960725.19
Cyperus irida L.*—(yellow cyperus) DU mesic. Rare. 981007.4
Cyperus lancastriensis Porter**—(Lancaster's cyperus) DU. Rare. 980702.16
Cyperus lupulinus (Sprengel) Marcks—(hop cyperus) DU. Rare. 990821.5
Cyperus odoratus L.—(fragrant galingale) CPW. 020921.6
Cyperus retrorsus Chapm.—(backward-turned sedge) BD, DU. 960907.4
Cyperus strigosus L.—(false nutsedge) CPW, WU. 960725.22
Dulichium arundinaceum (L.) Britton—(three-way sedge) CPW. 960720.39
Eleocharis flavescens (Poiret) Urban var. *olivacea* (Torr.) Gleason—(green spikerush) CPW, WU. 960829.44
Eleocharis ovata (Roth) Roemer & Schultes—(blunt spikerush) CPW, WU. 960810.17
Eleocharis palustris L.—(marsh spikerush) CPW. 960629.99
Eleocharis tenuis (Willd.) Schultes—(slender spikerush) WU. Rare. 980627.2
Eleocharis tortilis (Link) Schultes**—(twisted spikerush) CPW, WU. 960810.4
Fimbristylis autumnalis (L.) Roemer & Schultes—(fall fimbriistylis) WU. 980803.23
Fuirena pumila (Torr.) Sprengel**—(dwarf umbrella-grass) CPW. 960829.32
Rhynchospora capitellata (Michx.) Vahl.—(small-headed beak-rush) WU. 980803.17
Rhynchospora capitellata (Michx.) Vahl. forma *controversa* (S.F. Blake) Gale—(small-headed beak-rush) WU. Rare. 980803.17
Rhynchospora glomerata (L.) Vahl**—(clustered beak-rush) CPW edge. 960720.37
Rhynchospora gracilentia A. Gray—(slender beak-rush) CPW edge. Rare. 960720.44
Scirpus americanus Pers.—(Olney-threesquare) CPW. Rare. 960615.36
Scirpus cyperinus (L.) Kunth—(wool-grass) CPW, WU. 960720.53
Scirpus polyphyllus Vahl.—(many-leaved bulrush) WU. 980702.3
Scirpus pungens Vahl—(common threesquare) CPW. 960708.19
Scirpus robustus Pursh—(saltmarsh bullrush) CPW. Rare. 960719.21
Scirpus validus Vahl—(great bullrush) CPW. 960810.95

Dioscoreaceae

Dioscorea quaternata (Walter) J.F. Gmelin—(four-leaved wild yam) DU. Rare. 980513.35

Dioscorea villosa L.—(colic-root yam) CPW on hummocks, WU mesic. 960511.29

Elaeagnaceae

Elaeagnus umbellata Thumb.*—(oleaster olive) DU. 960505.18

Ericaceae

Epigaea repens L.—(trailing arbutus) DU. 960525.47

Gaylussacia baccata (Wangenh.) K. Koch—(black huckleberry) CPW, DU. 960511.47

Gaylussacia frondosa (L.) T. & G.—(dangleberry) CPW. 960511.48

Kalmia latifolia L.—(mountain laurel) DU. 960525.55

Lyonia ligustrina (L.) DC.—(male-berry) CPW. 960511.13

Rhododendron periclymenoides (Michx.) Shinn.—(pinkster-flowered azalea) DU. 960513.10

Vaccinium corymbosum L.—(highbush blueberry) CPW, WU, DU. 960511.50

Vaccinium pallidum Aiton—(hillside blueberry) DU. 980526.13

Vaccinium stamineum L.—(deerberry) DU. Rare. 980702.10

Euphorbiaceae

Acalypha gracilens A. Gray—(short-stalked copper leaf) DU. Rare. 980817.7

Acalypha rhomboidea Raf.—(rhombic copperleaf) DU. 960725.20

Euphorbia corollata L.—(flowering spurge) DU. 980618.29

Euphorbia maculata L.—(milk-purslane) DU. 960629.52

Euphorbia nutans Lagasca—(eyebane) BD, DU. 990821.3

Euphorbia polygonifolia L.—(seaside spurge) BD. 960708.64

Fabaceae

Amorpha fruticosa L.—(false indigo) BD, DU. 960525.3

Amphicarpaea bracteata (L.) Fern—(hog-peanut) DU. Rare. 980930.1

Apios americana Medikus—(groundnut) CPW. 960720.27

Baptisia tinctoria (L.) R. Br.—(yellow wild indigo) DU. Rare. 980605.4

Coronilla varia L.*—(crown-vetch) DU. 960615.9

Desmodium ciliare (Muhl.) DC.—(little leaf tick-trefoil) DU. Rare. 980908.3

Desmodium glabellum (Michx.) DC.—(a smooth tick-trefoil) DU. 960810.33

Desmodium laevigatum (Nutt.) DC.**—(smooth tick-trefoil) DU. Rare. 980908.1
(duplicate at US)

Desmodium marilandicum (L.) DC.—(Maryland tick-trefoil) DU. Rare. 980908.2

Desmodium nudiflorum (L.) DC.—(naked tick-trefoil) DU. 980526.7

Desmodium paniculatum (L.) DC.—(panicled tick-trefoil) DU. 980908.18

- Desmodium viridiflorum* (L.) DC. forma *nuttallii* (Schindl.) Schub.**—(Nuttall's tick-trefoil) DU. Rare. 980908.4 (US)
- Galactia volubilis* (L.) Britton**—(hairy milk pea) DU. Rare. 980803.12 (980817.1 US)
- Lathyrus latifolius* L.*—(everlasting pea) DU. Rare. 990918.3
- Lespedeza cuneata* (Dum. Cours.) G. Don.*—(Chinese lespedeza) BD, DU. 960817.48
- Lespedeza procumbens* Michx.—(downy trailing lespedeza) DU. 980908.20
- Lespedeza repens* (L.) Barton—(smooth trailing lespedeza) DU. 980908.15
- Lespedeza stipulaceae* Maxim.*—(Korean clover) BD, DU. 960829.13
- Lespedeza striata* (Thumb.) Hook & Arnott*—(Japanese clover) DU. 980817.2
- Lespedeza virginica* (L.) Britton—(Virginia lespedeza) DU. Rare. 980908.9
- Lotus corniculatus* L.*—(birdsfoot-trefoil) DU. 960615.11
- Medicago lupulina* L.*—(black medicago) DU. Rare. 980803.10
- Melilotus alba* Medikus*—(white sweet clover) BD, DU. 960629.13
- Melilotus officinalis* (L.) Pallas*—(yellow sweet clover) DU. 960525.33
- Pueraria lobata* (Willd.) Ohwi*—(kudzu-vine) DU. Rare. 990703.1
- Robinia pseudoacacia* L.—(black locust) BD, DU. 960518.66
- Strophostyles helvula* (L.) Elliott—(annual woolly bean) BD, DU, CPW on muskrat lodge. 960719.11
- Strophostyles leiosperma* (T. & G.) Piper*—(small-flowered woolly bean) DU. Rare. 980803.9 (duplicate at US)
- Strophostyles umbellata* (Muhl.) Britton—(perennial woolly bean) DU. Rare. 981007.5
- Stylosanthes biflora* (L.) BSP—(pencil flower) DU. 980609.9
- Trifolium arvense* L.*—(rabbit foot clover) DU. 960629.35
- Trifolium campestre* Schreber*—(pinnate hop-clover) BD, DU. 960525.16
- Trifolium dubium* Sibth.*—(little hop-clover) DU. 960518.60
- Trifolium pratense* L.*—(red clover) DU. 960601.4
- Trifolium repens* L.*—(white clover) DU. 960518.56
- Vicia angustifolia* L.*—(common vetch) DU. 960525.28
- Vicia cracca* L.*—(bird-vetch) DU. 980513.18
- Vicia sativa* L.*—(vetch) DU. 960505.5
- Vicia tetrasperma* (L.)* Moench—(four-seeded vetch) DU. 960525.25
- Fagaceae
- Castanea dentata* (Marshall) Borkh.**—(American chestnut) DU. Rare. 960525.38
- Castanea pumila* (L.) Miller—(chinquapin) DU. Rare. 991002.2
- Fagus grandifolia* Ehrh.—(American beech) DU. 960525.44

- Quercus alba* L.—(white oak) DU. 960511.33
Quercus coccinea Muenchh.—(scarlet oak) DU. 990904.11
Quercus falcata Michx.—(southern red oak) BD, DU. 960720.20
Quercus palustris Muenchh.—(pin oak) DU. Rare. 990804.7
Quercus phellos L.—(willow oak) CPW, DU. 960511.25
Quercus prinus L.—(chestnut oak) DU. 960615.28
Quercus rubra L.—(northern red oak) DU. 960525.37
Quercus stellata Wangenh.—(post oak) DU. 991002.1
Quercus velutina Lam.—(black oak) DU. 990804.8

Gentianaceae

- Bartonia paniculata* (Michx.) Muhl.**—(screw-stem) WU. Rare. 980817.13
Bartonia virginica (L.) BSP.—(yellow bartonia) CPW, WU. Rare. 960720.58
Gentiana villosa L.**—(striped gentian) DU. Rare. 981007.6 (duplicate at US)
Obolaria virginica L.—(pennywort) DU. Rare. 980513.13
Sabatia angularis (L.) Pursh—(common marsh-pink) DU. Rare. 980803.13

Geraniaceae

- Erodium cicutarium* (L.) L'Her.*—(stork's bill) DU. Rare. 960518.1
Geranium carolinianum L. var. *confertiflorum* Fern.—(Carolina cranesbill) DU. 960513.5
Geranium dissectum L.*—(cut-leaved cranesbill) DU. Rare. 960505.14

Grossulariaceae

- Itea virginica* L.—(Virginia willow) CPW, UW. 960511.19

Haloragaceae

- Mirophyllum humile* (Raf.) Morong—(low water-milfoil) CPW. Rare. 960601.98
Proserpinaca palustris L.—(common mermaid weed) CPW. 960629.61

Hamamelidaceae

- Hamamelis virginiana* L.—(witch-hazel) DU. Rare. 980605.12
Liquidambar styraciflua L.—(sweet gum) CPW, BD, DU, WU. 960505.20

Hydrocharitaceae

- Limnobium spongia* (Bosc) Steudel**—(American frog's-bit) CPW. 960505.39

Iridaceae

- Iris versicolor* L.—(northern blue flag) CPW, WU. 960518.64
Sisyrinchium angustifolium Miller—(blue-eyed grass) DU, CPW on hummocks. 960525.48

Juglandaceae

- Carya glabra* (Miller) Sweet—(pignut hickory) DU. Rare. 980513.32
Carya pallida (Ashe) Engler & Graebner—(pale hickory) DU. 990804.5 (duplicate at US)
Carya tomentosa (Poiret) Nutt.—(mockernut hickory) DU. 960615.30
Juglans nigra L.—(black walnut) DU. Rare. 960629.60

Juncaceae

- Juncus acuminatus* Michx.—(sharp fruited rush) CPW, WU. 960525.56
Juncus canadensis J. Gay—(Canada rush) CPW. 960810.7
Juncus coriaceus Mackenzie—(leathery rush) CPW, WU. 960708.46
Juncus diffusissimus Buckley—(slimpod rush) WU. Rare. 980702.5
Juncus effusus L. var. *solutus* Fern. & Wieg.—(soft rush) CPW, WU. 960708.50
Juncus marginatus Rostk.—(grass-leaved rush) WU. 980627.3
Juncus scirpoides Lam.—(scirpus rush) WU, CPW edge. 960725.3
Juncus secundus P. Beauv.—(secund rush) DU. Rare. 980609.11
Juncus tenuis Willd.—(path rush) DU, CPW edge. 960708.18
Juncus tenuis Willd. var. *dichotomus* (Elliott) A. Wood—(forked rush) CPW edge. Rare. 960720.91
Luzula echinata (Small) F.J. Herm.—(searchin woodrush) DU. 980513.2

Lamiaceae

- Glechoma hederacea* L.*—(gill-over-the-ground) DU. 990501.3
Lamium amplexicaule L.*—(henbit) DU. 990417.1
Lamium purpureum L.*—(purple dead nettle) BD, DU. 960505.4
Lycopus americanus (L.) Elliott—(American water-horehound) CPW. 960719.9
Lycopus virginicus L.—(Virginia water-horehound) CPW, WU. 960708.41
Mentha spicata L.*—(spearmint) DU. Rare. 960725.14
Monarda punctata L.—(horse-mint) BD, DU. 960810.31
Perilla frutescens (L.) Britton*—(beefsteak plant) DU. 980513.28
Prunella vulgaris L. var. *lanceolata* (Barton) Fern.—(heal all) DU. 960629.22
Salvia lyrata L.—(lyre-leaved sage) DU. Rare. 960518.62
Satureja calamintha (L.) Scheele*—(basil-thyme) BD. 960629.20
Scutellaria elliptica Muhl.—(hairy skullcap) DU. Rare. 990619.2
Scutellaria galericulata L.**—(marsh skullcap) CPW. Rare. 960708.8
Scutellaria integrifolia L.—(large skullcap) DU. Rare. 960720.42
Scutellaria lateriflora L.—(mad-dog skullcap) CPW. Rare. 960817.46
Teucrium canadense L.—(American wood sage) CPW edge, BD. 960708.60
Trichostema dichotomum L.—(blue curls) DU. Rare. 980908.16

Lauraceae

- Sassafras albidum* (Nutt.) Nees—(sassafras) DU. 960525.42

Lemnaceae

- Lemna minor* L.—(lesser duckweed) CPW. 960427.96
Lemna perpusilla Torr.—(small duckweed) CPW. 960829.31
Lemna trisulca L.**—(star duckweed) CPW. 960505.37
Spirodela polyrhiza (L.) Schleiden—(greater duckweed) CPW. 960505.36

Lentibulariaceae

- Utricularia gibba* L.—(creeping bladderwort) CPW. 960720.55
Utricularia inflata Walter**—(inflated bladderwort) WU. Rare. 990605.2
Utricularia vulgaris L.—(common bladderwort) CPW. 960513.1

Lilaceae

- Allium vineale* L.*—(field garlic) BD, DU. 960615.14
Asparagus officinalis L.*—(asparagus) BD. Rare. 960518.41
Hemerocallis fulva (L.) L.*—(day lily) DU. Rare. 960810.22
Hypoxis hirsuta (L.) Cov.—(common star-grass) DU. Rare. 980609.4
Ipheion uniflorum (Lindley) Raf.*—(Wisley blue) DU. Rare. 990417.8
Medeola virginiana L.—(Indian cucumber) DU. 960615.23
Muscari racemosum (L.) Miller*—(blue-bottle hyacinth) DU. Rare. 990417.5
Narcissus poeticus L.*—(poet's narcissus) DU. Rare. 990417.6
Ornithogalum umbellatum L.*—(star of Bethlehem) DU. Rare. 960518.49
Polygonatum biflorum (Walter) Elliott—(dwarf Solomon's seal) DU. 980513.5
Smilacina racemosa (L.) Desf.—(false Solomon's seal) DU. Rare. 980618.11
Uvularia sessilifolia L.—(sessile-leaved bellwort) DU. Rare. 980618.13
Veratrum viride Aiton—(white hellebore) WU. Rare. 980618.1

Linaceae

- Linum medium* (Planchon) Britton var. *texanum* (Planchon) Fern.—(common yellow flax) DU. 980618.18
Linum striatum Walter—(ridgestem yellow flax) WU. 980618.14

Lythraceae

- Ammannia latifolia* L.**—(Koehne's amannia) CPW. 960829.25
Decodon verticillatus (L.) Elliott.—(swamp loosestrife) CPW. 960725.28

Magnoliaceae

- Liriodendron tulipifera* L.—(tulip-tree) CPW, DU, WU. 960525.30
Magnolia virginiana L.—(sweet bay) CPW, WU. 960511.17

Malvaceae

- Hibiscus moscheutos* L.—(rose-mallow) CPW. 960720.23
Hibiscus syriacus L.*—(rose-of-Sharon) DU. Rare. 980627.6
Kosteletzkya virginica (L.) C. Presl. var. *aquilonia* Fern.—(seashore-mallow) CPW. 960817.7

Melastomataceae

- Rhexia mariana* L.—(dull meadow-beauty) DU. 960708.6
Rhexia virginica L.—(wing-stem meadow-beauty) CPW edge, WU. 960720.36

Menispermaceae

- Menispermum canadense* L.—(moonseed) BD, DU. 960518.6

Mimosaceae

- Albizia julibrissin* Durazz*—(mimosa) BD. Rare. 970709.2

Molluginaceae

Mollugo verticillata L.*—(carpet-weed) DU. 980618.28

Monotropaceae

Monotropa uniflora L.—(Indian pipe) DU. Rare. 980526.6

Moraceae

Morus alba L.*—(white mulberry) DU. Rare. 980627.7

Morus rubra L.—(red mulberry) DU. 960518.55

Myricaceae

Myrica cerifera L.—(wax-myrtle) CPW, BD. 960505.33

Nymphaeaceae

Nymphaea odorata Aiton—(fragrant water-lily) CPW. Rare. 960608.7

Oleaceae

Chionanthus virginicus L.—(fringe tree) WU. Rare. 980618.17

Forsythia viridissima Lind.*—(golden bells) DU. Rare. 990417.2

Fraxinus pennsylvanica Marshall—(red ash) CPW, DU. 960629.4

Fraxinus profunda (Bush) Bush**—(pumpkin ash) CPW. 960629.4

Ligustrum obtusifolium Sieb. & Zucc.*—(Japanese privet) DU. 960601.7

Ligustrum vulgare L.*—(common privet) DU. 960601.8

Syringa vulgaris L.*—(common lilac) DU. Rare. 990417.4

Onagraceae

Circaea lutetiana L.—(common enchanter nightshade) DU. 980618.2

Epilobium coloratum Biehler—(purple-leaved willow-herb) CPW. Rare. 960829.38

Ludwigia alternifolia L.—(seedbox) CPW, WU. 960720.18

Ludwigia palustris (L.) Elliott—(water purslane) CPW, WU. 960720.26

Oenothera biennis L.—(common evening primrose) BD, DU. 960817.29

Oenothera laciniata Hill—(cut-leaved evening primrose) DU. Rare. 980702.12

Orchidaceae

Cypripedium acaule Aiton—(pink lady slipper) DU. 980609.3

Goodyera pubescens (Willd.) R. Br.—(downy rattlesnake-plantain) DU. Rare. 980609.2

Habenaria clavellata (Michx.) Sprengel—(club-spur orchid) WU. 980721.6

Isotria verticillata (Willd.) Raf.—(larger whorled pogonia) DU. Rare. 980721.4

Orchis spectabilis L.—(showy orchid) DU. Rare. 980513.14

Spiranthes vernalis Engelm. & A. Gray—(spring ladies' tresses) CPW edge. Rare. 960708.38

Tipularia discolor (Pursh) Nutt.—(crane-fly orchid) DU. Rare. 960427.14

Orobanchaceae

Epifagus virginiana (L.) Barton—(beech-drops) DU. 981007.13

Oxalidaceae

Oxalis stricta L.—(common yellow wood-sorrel) DU. 960525.8

Oxalis violacea L.—(violet wood-sorrel) DU. 980513.39

Papaveraceae

Sanguinaria canadensis L.—(bloodroot) DU. Rare. 980513.3

Passifloraceae

Passiflora lutea L.—(yellow passion-flower) DU. 960719.3

Phytolaccaceae

Phytolacca americana L.—(pokeweed) BD, DU. 960817.40

Plantaginaceae

Plantago aristata Michx.*—(buckhorn plantain) DU. 990605.3

Plantago lanceolata L.*—(English plantain) BD, DU. 960518.43

Plantago rugelii Decne.—(American plantain) DU. 990501.1

Plantago virginica L.—(hoary plantain) DU. 960525.14

Platanaceae

Platanus occidentalis L.—(sycamore) DU. Rare. 980618.4

Poaceae

Agrostis gigantea Roth*—(red top bent-grass) DU. 980702.6

Agrostis perennans (Walter) Tuckermann—(autumn bent-grass) DU, WU.
980817.9

Aira caryophyllea L.*—(silver hairgrass) DU. 980414.22

Ammophila breviligulata Fern.—(beach grass) BD. 960725.33

Andropogon ternarius Michx.—(splitbeard bluestem) DU. Rare. 980921.2

Andropogon virginicus L. var. *glaucopsis* (Elliott) A. Hitchc.—(broom-sedge) DU,
CPW edge. 960914.4

Anthoxanthum odoratum L.*—(sweet vernal grass) DU. 980414.15

Aristida dichotoma Michx.—(churchmouse three-awn grass) DU. 981007.8

Aristida oligantha Michx.—(prairie three-awn) DU. 980921.5

Arthraxon hispidus (Thunb.) Makino*—(spike grass) WU. 981007.1

Arundinaria japonica Siebold & Zucc.*—(arrow bamboo) DU. Rare. 990605.8

Bromus commutatus Schrader*—(hairy chess) BD. Rare. 960601.37

Bromus hordeaceus L.*—(soft chess) DU. 980414.16

Bromus secalinus L.*—(cheat grass) BD, DU. 960615.47

Bromus sterilis L.*—(barren brome) BD, DU. Rare. 960518.91

Bromus tectorum L.*—(downy chess) BD, DU. 960505.96

Cenchrus tribuloides L.—(dune sandbur) BD. 960817.28

Chasmanthium laxum (L.) Yates—(spikegrass) CPW edge, WU. 960720.48

Chloris verticillata Nutt.*—(windmill grass) DU. 980721.11

Cinna arundinacea L.—(common woodreed) CPW, WU. 960829.37

Cynodon dactylon (L.) Pers.*—(Bermuda-grass) BD, DU. 960720.2

Dactylis glomerata L.*—(orchard-grass) DU. 980415.5

- Danthonia sericea* Nutt.—(downy oatgrass) DU. 980609.10
Danthonia spicata (L.) F. Beauv.—(poverty oatgrass) DU. 980605.15
Deschampsia flexuosa (L.) Trin.—(crinkled hairgrass) DU. 980526.5
Digitaria ischaemum (Schreber) Muhl.*—(smooth crab-grass) DU. 980908.14
Digitaria sanguinalis (L.) Scop.*—(northern crab-grass) BD, DU. 960914.2
Distichlis spicata (L.) Greene—(salt-grass) CPW. Rare. 960829.29 (MARY)
Echinochloa crusgalli (L.) P. Beauv.*—(barnyard grass) WU, DU. 980721.1
Echinochloa muricata (P. Beauv.) Fern.—(a barnyard grass) WU. Rare. 990804.1
Echinochloa walteri (Pursh) Heller—(Walter's spine grass) CPW. 960817.12
Eleusine indica (L.) Gaertn.*—(yard grass) DU. 980803.3
Elymus virginicus L.—(Virginia wild rye) BD, DU. 960629.9
Eragrostis curvula (Schrad.) Nees.*—(weeping lovegrass) DU. 980605.11
Eragrostis pectinacea (Michx.) Nees.—(Carolina lovegrass) DU. 980721.5
Eragrostis spectabilis (Pursh) Steudel—(purple lovegrass) BD, DU. 960907.8
Erianthus alopecuroides (L.) Elliott**—(silver plumegrass) DU. Rare. 980921.11
 (duplicate at US)
Festuca elatior L.*—(tall fescue) DU. 980428.3
Festuca rubra L.—(red fescue) WU. 980513.23
Glyceria septentrionalis A. Hitchc.—(eastern mannagrass) CPW. Rare. 96960608.23 (MARY)
Glyceria striata (Lam.) A. Hitchc.—(fowl mannagrass) CPW. 960708.66
Holcus lanatus L.*—(common velvet-grass) DU. 980513.30
Hordeum pusillum L.—(little barley) DU. 980513.9
Leersia oryzoides (L.) Swartz—(rice cutgrass) CPW. 960829.40
Leersia virginica Willd.—(white grass) CPW, WU. 960817.59
Leptochloa fascicularis (Lam.) A. Gray var. *maritima* (Bicknell) Gleason**—
 (feather grass) CPW. 960829.22
Lolium perenne L. var. *aristatum* Willd.*—(ryegrass) DU. 980513.24
Microstegium vimineum (Trin.) A. Camus*—(Japanese stilt grass) DU. 981007.10
Muhlenbergia schreberi J.F. Gmelin—(nimblewill grass) DU. 981007.9
Panicum amarum Elliott—(beach grass) BD. 960817.3
Panicum anceps Michx.—(flat-stemmed panic grass) DU. 980702.21
Panicum boscii Poir.—(Bosc's panic grass) DU. 980526.2
Panicum clandestinum L.—(deer-tongue grass) CPW, DU. 960708.53
Panicum commutatum Schultes—(variable panic grass) DU. 980526.4
Panicum depauperatum Muhl.—(starved panic grass) DU. 980605.3
Panicum dichotomiflorum Michx.—(spreading witch-grass) CPW, DU. 960829.42
Panicum dichotomum L.—(bushy panic grass) CPW, DU, WU. 960608.25

- Panicum linearifolium* Scribn.—(low panic grass) DU. 980609.12
Panicum rigidulum Nees—(redtop panic grass) CPW edge. 960914.6
Panicum scoparium Lam.—(velvet panic grass) DU. 980618.32
Panicum sphaerocarpon Elliott—(round-fruited panic grass) DU. 980609.13
Panicum verrucosum Muhl.—(verrucose panic grass) CPW edge. 960914.96
Panicum villosissimum Nash—(white-haired panic grass) DU. 980605.6
Panicum virgatum L.—(switchgrass) BD, CPW edge, DU. 960810.21
Parapholis incurva (L.) C. E. Hubbard*—(curved joint-grass) BD. Rare. 960615.45
(MARY)
Paspalum dilatatum Poir.*—(dallis-grass) DU, CPW edge. 980609.8
Paspalum floridanum Michx.—(Florida paspalum) DU. 980803.6
Paspalum laeve Michx.—(smooth paspalum) DU. 960708.15
Phleum pratense L.*—(timothy grass) DU. 980618.24
Phragmites australis (Cav.) Trin.—(common reed) CPW, BD. 960720.10
Phyllostachys bambusoides Seib. & Zucc.*—(bamboo) DU. 980526.17
Poa annua L.*—(spargrass) DU. 980414.6
Poa compressa L.*—(Canada-bluegrass) BD, DU. 960720.67
Poa pratensis *—(Kentucky bluegrass) DU. 980414.4
Schizachyrium scoparium (Michx.) Nash.—(little bluestem) DU. 970913.4
Setaria faberi Ritterm.*—(nodding foxtail grass) DU. 980702.13
Setaria magna Griseb.—(salt-marsh foxtail-grass) CPW. Rare. 960817.16
Setaria viridis (L.) P. Beauv.—(green foxtail-grass) BD, DU. 960907.5
Spartina patens (Aiton) Muhl.—(salt-meadow cord-grass) BD, CPW. 960708.55
Sorghum halepense (L.) Pers.*—(johnson-grass) DU. Rare. 990717.1
Sporobolus indicus (L.) R. Br.*—(smut-grass) DU. Rare. 981024.2 (duplicate at
US)
Sporobolus vaginiflorus (Torr.) A. Wood—(poverty-grass) DU. 981024.1
Tridens flavus (L.) A. Hitchc.—(purpletop grass) BD, DU. 960829.6
Triplasis purpurea (Walter) Chapman—(purple sand grass) BD. 960907.1
Tripsacum dactyloides (L.) L.—(gama-grass) BD, DU. 960708.57
Vulpia elliothea (Raf.) Fern.—(squirrel-tail fescue) BD. 960615.44 (MARY)
Vulpia muyuros (L.) C. Gmelin*—(rat-tail fescue) DU. 980513.16
Zizania aquatica L.—(wild rice) CPW. 960810.1
Zizaniopsis miliacea (Michx.) Doell & Ashchers**—(southern wild rice) CPW.
960708.25
- Polygalaceae
- Polygala mariana* Miller—(Maryland milkwort) DU. 980605.1
Polygala sanguinea L.—(blood-milkwort) DU. Rare. 980721.10

Polygonaceae

- Polygonum arenastrum* Boreau*—(dooryard knotweed) DU. Rare. 980908.6
Polygonum arifolium L.—(halberd-leaved tearthumb) CPW, WU. 960817.56
Polygonum cespitosum Blume var. *longisetum* (De Bruyn) Stewart*—(smartweed) CPW edge. 960725.16
Polygonum cuspidatum Sieb. & Zucc.*—(Japanese knotweed) DU. Rare. 990918.2
Polygonum densiflorum Meissner**—(dense-flowered polygonum) CPW. 960914.14
Polygonum hydropiperoides Michx.—(false water-pepper) CPW. 960829.35
Polygonum pensylvanicum L.—(Pennsylvania smartweed) DU. Rare. 990804.3
Polygonum punctatum Elliott—(dotted smartweed) CPW. 960817.53
Polygonum sagittatum L.—(arrow-leaved tear thumb) WU. 980618.21
Polygonum scandens L. var. *dumetorum* (L.) Gleason*—(false buckwheat) BD, DU. 960817.37
Polygonum virginianum L.—(jumpseed) DU. Rare. 980513.38
Rumex acetosella L.*—(red sorrel) DU. 980414.1
Rumex crispus L.*—(curly dock) BD, DU. 960525.13
Rumex obtusifolius L.*—(broad-leaved dock) DU. 960725.27
Rumex verticillatus L.—(water-dock) CPW. 960525.53

Pontederiaceae

- Pontederia cordata* L.—(pickerelweed) CPW. 960615.33

Portulacaceae

- Portulaca oleracea* L.*—(common purslane) DU. Rare. 980618.27

Potamogetonaceae

- Potamogeton crispus* L.*—(curley pondweed) WU. 980513.1
Potamogeton diversifolius Raf.—(common snailseed pondweed) WU. Rare. 980921.6
Potamogeton foliosus Raf.**—(leafy pondweed) CPW. 960817.1
Potamogeton pectinatus L.—(sago pondweed) WU. 980803.1

Primulaceae

- Anagallis arvensis* L.*—(scarlet pimpernel) DU. Rare. 960708.11
Lysimachia terrestris (L.) BSP.—(bulbil loosestrife) CPW. 960608.17
Samolus floribundus HBK.—(water pimpernel) CPW. 960601.12

Pyrolaceae

- Chimaphila maculata* (L.) Pursh—(spotted wintergreen) DU. 960511.10

Ranunculaceae

- Aquilegia canadensis* L.—(Canada columbine) DU. Rare. 960505.12
Cimicifuga racemosa (L.) Nutt.—(black snakeroot) DU. 980803.5
Clematis terniflora DC.*—(yam-leaved clematis) BD. 960817.5

Ranunculus abortivus L.—(small-flowered crowfoot) DU. 960518.29

Ranunculus bulbosus L.*—(bulbous root buttercup) DU. 960505.3

Ranunculus sceleratus L.—(cursed crowfoot) CPW. Rare. 960601.11

Thalictrum pubescens Pursh—(tall meadow-rue) CPW. Rare. 970709.5

Rosaceae

Agrimonia pubescens Wallr.—(downy agrimony) DU. 980921.4

Agrimonia rostellata Waller.—(woodland agrimony) DU. 980921.13 (DEK)

Amelanchier arborea (Michx. f.) Fern.—(downy serviceberry) DU. Rare. 990515.5

Amelanchier canadensis (L.) Medikus—(eastern serviceberry) CPW. 960511.27

Aronia arbutifolia (L.) Elliott—(red chokeberry) CPW. 960608.5

Duchesnea indica (Andrews) Focke*—(Indian strawberry) BD, DU. 960511.6

Fragaria virginiana Duchesne—(thick-leaved wild strawberry) DU. 980513.36

Geum canadense Jacq.—(white avens) BD, WU, DU. 960629.39

Potentilla canadensis L.—(running cinquefoil) DU. 980414.23

Potentilla recta L.*—(sulphur cinquefoil) DU. Rare. 980702.15

Potentilla simplex Michx.—(old-field five-fingers) DU. 980605.13

Prunus cerasus L.*—(sour cherry) BD, DU. 960601.17

Prunus serotina Ehrh.—(wild black cherry) BD, DU. 960513.3

Pyrus communis L.*—(pear) DU. Rare. 990821.6

Pyrus malus L.*—(apple) DU. Rare. 980721.12

Rosa carolina L.—(pasture rose) DU. Rare. 980605.7

Rosa gallica L.*—(French rose) DU. Rare. 980609.99

Rosa multiflora Thunb.*—(multiflora rose) DU. 960601.19

Rosa palustris Marshall—(swamp rose) CPW. 960505.34

Rosa rugosa Thunb.*—(Japanese rose) BD. Rare. 960601.15

Rosa wichuraiana Crepin*—(Dorothy Perkins memorial rose) DU. Rare. 980609.98

Rubus allegheniensis T.C. Porter—(common blackberry) DU. 980526.11

Rubus argutus Link—(southern blackberry) DU. 960525.1

Rubus enslenii Tratt—(southern dewberry) DU. Rare. 980618.16

Rubus hispidus L.—(swamp dewberry) DU. 960708.52

Rubus occidentalis L.—(black raspberry) DU. 980605.16

Rubus pensilvanicus Poir.—(Pennsylvania blackberry) DU, CPW, BD. 960608.9

Rubus phoenicolasius Maxium.*—(wineberry) DU. 980618.25

Spiraea thunbergii Siebold*—(spiraea) DU. Rare. 990417.3

Rubiaceae

Cephalanthus occidentalis L.—(button bush) CPW. 960629.63

THE VASCULAR FLORA OF COVE POINT, CALVERT COUNTY, MARYLAND

- Diodia teres* Walter—(rough buttonweed) BD, DU. 960629.40
Diodia virginiana L.—(Virginia buttonweed) WU. Rare. 980618.15
Galium aparine L. var. *echinospermum* (Wallr.) Farw.—(cleavers bedstraw) BD, DU, WU. 960505.25
Galium circaezans Michx.—(forest bedstraw) DU. Rare. 990501.5
Galium lanceolatum Torr.—(wild licorice) DU. 960629.56
Galium pedemontanum All.*—(madder) DU. Rare. 980414.9
Galium pilosum Aiton—(hairy bedstraw) BD. 960629.27
Galium tinctorium L.—(northern three-lobed bedstraw) CPW. 960525.63
Galium triflorum Michx.—(sweet-scented bedstraw) DU. 960629.57
Hedyotis caerulea (L.) Hook—(bluets) DU. Rare. 990417.7
Hedyotis purpurea (L.) T. & G.—(large bluet) DU. 980513.37
Mitchella repens L.—(partridge-berry) DU, CPW on hummocks. 960427.20
Sherardia arvensis L.*—(field-madder) DU. 980414.8
- Ruppiaceae
Ruppia maritima L.—(ditch-grass) CPW. 960615.39
- Salicaceae
Populus alba L.*—(white poplar) DU mesic. Rare. 980513.34
Populus grandidentata Michx.—(big-toothed aspen) WU. Rare. 990515.4
Populus nigra L.*—(black poplar) BD. Rare. 990717.2
Salix babylonica L.*—(weeping willow) BD. Rare. 961005.8
Salix nigra Marshall—(black willow) CPW. Rare. 960505.27
- Sapotaceae
Diospyros virginiana L.—(persimmon) BD, CPW, DU. 960601.36
- Saururaceae
Saururus cernuus L.—(lizard's tail) CPW, WU. 960615.16
- Saxifragaceae
Penthorum sedoides L.—(Virginia stonecrop) WU, CPW. Rare. 980702.1
Sedum acre L.*—(golden carpet) BD. Rare. 990918.4
- Scrophulariaceae
Agalinis setacea (J.F. Gmelin) Raf.**—(thread agalinis) DU. Rare. 970913.8
 (duplicate at OAC)
Aureolaria virginica (L.) Pennell—(downy false foxglove) DU. Rare. 980618.30
Chelone glabra L.—(white turtlehead) WU. 980526.8
Gratiola virginiana L.—(round leaved hedge hyssop) CPW, WU. 960511.35
Linaria canadensis (L.) Dum.-Cours.—(blue toad-flax) BD, DU. 960427.18
Lindernia dubia (L.) Pennell var. *anagallidea* (Michx.) Cooperrider—(false pimpernel) WU. Rare. 980921.8
Melampyrum lineare Desr. var. *americanum* (Michx.) Beauverd—(cow-wheat) DU. 980526.3

- Mimulus ringens* L.—(Allegheny monkey-flower) WU. Rare. 980817.10
Verbascum blattaria L.*—(moth mullein) BD. Rare. 960629.33
Verbascum thapsus L.*—(common mullein) BD, DU. 960629.48
Veronica arvensis L.*—(corn speedwell) DU. 960505.41
Veronica hederaefolia L.*—(ivy-leaved speedwell) BD, DU. 960505.8
Veronica officinalis L.*—(common speedwell) DU. 980513.20
Veronica peregrina L.—(purslane speedwell) DU. Rare. 980513.19
Veronica persica Poir.*—(birdseye speedwell) DU. 980414.10
Veronica serpyllifolia L.*—(thyme-leaved speedwell) DU. 980702.9
- Simaroubaceae
Ailanthus altissima (Miller) Swingle*—(tree of heaven) BD, DU. 960829.1
- Smilacaceae
Smilax bona-nox L.**—(bullbrier) BD, DU. 960518.20
Smilax glauca Walter—(glaucous catbrier) DU. 980526.10
Smilax herbacea L.—(carrion-flower) WU. 980428.9
Smilax hispida Muhl—(bristly greenbrier) DU, CPW. Rare. 960518.9
Smilax rotundifolia L.—(common greenbrier) CPW, BD, DU, WU. 960505.16
Smilax walteri Pursh—(red-fruited greenbrier) CPW, WU. 960525.65
- Solanaceae
Datura stramonium L.—(Jimson-weed) DU. 960914.13
Physalis heterophylla Nees.—(clammy groundcherry) DU. Rare. 981024.3
Solanum carolinense L.—(horse nettle) BD, DU. 960708.30
Solanum dulcamara L.*—(climbing bittersweet) CPW edge. Rare. 010721.1
Solanum nigrum L. var. *virginicum* L.—(black nightshade) CPW on muskrat lodge, DU. Rare. 960615.18
- Sparganiaceae
Sparganium americanum Nutt.—(American bur-reed) WU. 980702.7
- Typhaceae
Typha angustifolia L.—(narrow-leaved cat-tail) CPW. 960525.34
Typha latifolia L.—(common cat-tail) CPW edge. 960708.28
Typha x glauca Godr.—(hybrid cat-tail) CPW. Rare. 960720.88
- Ulmaceae
Celtis occidentalis L.—(northern hackberry) DU. Rare. 980627.4
Celtis tenuifolia Nutt.—(dwarf hackberry) BD. Rare. 960518.69
Ulmus americana L.—(American elm) CPW, DU. 960518.71
Ulmus rubra Muhl.—(slippery elm) DU. Rare. 960518.88
- Urticaceae
Boehmeria cylindrica (L.) Swartz—(false nettle) CPW, WU. 960708.1

Valerianaceae

Valerianella locusta (L.) Betcke*—(European corn salad) DU. 980428.6

Valerianella radiata (L.) Dufur.—(beaked corn-salad) BD. Rare. 960518.36

Verbenaceae

Phryma leptostachya L.—(lopseed) DU. 990515.3

Phyla lanceolata (Michx.) Greene—(fog fruit) CPW. 960708.13

Verbena hastata L.—(blue vervain) CPW edge. Rare. 960708.29

Verbena urticifolia L.—(white vervain) DU. Rare. 980803.2

Violaceae

Viola arvensis Murray*—(European field pansy) DU. 980513.21

Viola cucullata Aiton—(blue marsh-violet) WU. 980428.8

Viola palmata L.—(wood-violet) DU. Rare. 980605.10

Viola primulifolia L.—(primrose-leaved violet) CPW, WU. 960511.37

Viola rafinesquii Greene—(wild pansy) DU. 980414.13

Viola sagittata Aiton—(arrowhead violet) DU. Rare. 980414.24

Viola sororia Willd.—(dooryard violet) DU. 980513.27

Viola villosa Walter—(southern woolly violet) DU. 980414.18

Viscaceae

Phoradendron serotinum (Raf.) M.C. Johnston—(American Christmas-mistletoe)
CPW arboreal. Rare. 970524.3

Vitaceae

Parthenocissus quinquefolia (L.) Planchon—(Virginia creeper) BD, CPW, DU.
960505.28

Vitis labrusca L.—(fox grape) BD, CPW edge, DU. 960615.7

Vitis riparia Michx.—(frost grape) DU. 960518.83

Xyridaceae

Xyris difformis Chapman—(variable yellow-eyed grass) CPW edge, WU. 960810.15

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