

CONNECTICUT BOTANICAL SOCIETY



Native Plants 2.0 Appendix

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Plant Communities Found Within Connecticut Ecoregions¹

| Forests Coniferous Deciduous Mixed Coniferous/Deciduous | Herbaceous Graminoids Forbs Hydromorphic Rooted |
|--|---|
| Woodlands Coniferous Deciduous Mixed Coniferous/Deciduous | Sparse Consolidated Rock Boulder, Gravel, Cobble, Talus Sparse Unconsolidated Material |
| Shrublands Deciduous | |
| Dwarf Shrublands Coniferous Deciduous | |

¹Based on Siccama et al., 1983 and Metzler and Barrett, 2006

Forests: Coniferous Hemlock/White Pine

- Tree cover, with overlapping 60-100% canopy cover
- Evergreen forest
 - Eastern Hemlock, *Tsuga canadensis*
 - White Pine, *Pinus strobus*
- Common in most of Connecticut except for the southeastern part of the state

Forests: Coniferous: Hemlock/White Pine

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|----------------|------------------------------|
| Mapleleaf viburnum | <i>Viburnum acerifolium</i> | Sugar maple | <i>Acer saccharum</i> |
| Witch hazel | <i>Hamamelis virginiana</i> | Yellow birch | <i>Betula allegheniensis</i> |
| Mountain laurel | <i>Kalmia latifolia</i> | American beech | <i>Fagus grandifolia</i> |
| Lowbush blueberry | <i>Vaccinium spp.</i> | | |
| Wild sarsaparilla | <i>Aralia nudicaulis</i> | | |
| Partridgeberry | <i>Mitchella repens</i> | | |
| Starflower | <i>Trientalis borealis</i> | | |
| Ghost Pipe | <i>Monotropa uniflora</i> | | |
| Canada mayflower | <i>Maianthemum canadense</i> | | |

Forests: Coniferous: Atlantic White Cedar/Giant Rosebay

- Tree cover, with overlapping 60-100% canopy cover
- Evergreen forest
 - Atlantic White Cedar, *Chamaecyperis thyoides*
 - Great Rosebay, *Rhododendron maximum*
- Southeastern Connecticut

Forests: Coniferous: Atlantic White Cedar, Red Maple, Yellow Birch

- Tree cover, with overlapping 60-100% canopy cover
- Evergreen forest
 - Atlantic White Cedar, *Chamaecyperis thyoides*
 - Red Maple, *Acer rubrum*
 - Yellow Birch, *Betula alleghaniensis*
- Eastern Connecticut

Forests: Coniferous: Atlantic White Cedar, Red Maple, Yellow Birch

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|-------------|------------------------------|
| Winterberry | <i>Ilex verticillata</i> | Wintergreen | <i>Gaultheria procumbens</i> |
| Sweet pepperbush | <i>Clethra alnifolia</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Moss | <i>Sphagnum spp.</i> |
| Maleberry | <i>Lyonia ligustrina</i> | | |
| Mountain laurel | <i>Kalmia latifolia</i> | | |
| Cinnamon fern | <i>Osmunda cinnamomea</i> | | |
| Skunk cabbage | <i>Symplocarpus foetida</i> | | |
| Canada mayflower | <i>Maianthemum canadense</i> | | |
| Goldthread | <i>Coptis trifolia</i> | | |

Forests: Coniferous: Northern White Cedar

- Tree cover, with overlapping 60-100% canopy cover
- Evergreen forest
 - Northern White Cedar, *Thuja occidentalis*
- Northwestern marble valley of Connecticut

Forests: Coniferous: Atlantic White Cedar

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|----------------------|--------------------------|
| Red maple | <i>Acer rubrum</i> | Wild sarsaparilla | <i>Aralia nudicaulis</i> |
| Hemlock | <i>Tsuga canadensis</i> | Marsh marigold | <i>Caltha palustris</i> |
| White pine | <i>Pinus strobus</i> | Goldthread | <i>Coptis trifolia</i> |
| Yellow birch | <i>Betula alleghaniensis</i> | Foamflower | Tiarella cordifolia |
| Black ash | <i>Fraxinus nigra</i> | Two leaved miterwort | Mitella diplylla |
| Larch | <i>Larix laricina</i> | Starflower | Trientalis borealis |
| American elm | <i>Ulmus americana</i> | Mosses | Diverse species |
| Slippery elm | <i>Ulmus rubra</i> | | |
| Skunk cabbage | <i>Symplocarpus foetidus</i> | | |
| Sedges | <i>Carex spp.</i> | | |
| Marsh blue violet | <i>Viola cucullata</i> | | |

Forests: Coniferous: Red Spruce

- Tree cover, with overlapping 60-100% canopy cover
- Evergreen forest
 - Red spruce, *Picea rubens*
- Northwestern Connecticut

Forests: Coniferous: Red Spruce

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|--------------------|-----------------------------|
| Red maple | <i>Acer rubrum</i> | Goldthread | <i>Coptis trifolia</i> |
| Hemlock | <i>Tsuga canadensis</i> | Bluebead | <i>Clintonia borealis</i> |
| Yellow birch | <i>Betula alleghaniensis</i> | Creeping snowberry | <i>Gaultheria hispidula</i> |
| Mountain holly | <i>Ilex mucronata</i> | Mosses | Diverse species |
| Black ash | <i>Fraxinus nigra</i> | | |
| Mountain laurel | <i>Kalmia latifolia</i> | | |
| High bush blueberry | <i>Vaccinium corymbosum</i> | | |
| Winterberry holly | <i>Ilex verticillata</i> | | |
| Cinnamon fern | <i>Osmunda cinnamomea</i> | | |

Forests: Coniferous: Black Spruce

- Tree cover, with overlapping 60-100% canopy cover
- Evergreen forest
 - Black spruce, *Picea mariana*
- Northwestern Connecticut

Forests: Coniferous: Black Spruce

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|-------------------|--------------------------|
| Larch | <i>Larix laricina</i> | Threeseeded sedge | <i>Carex trisperma</i> |
| White pine | <i>Pinus strobus</i> | White beaksedge | <i>Rhynchospora alba</i> |
| Sheep laurel | <i>Kalmia angustifolia</i> | Mosses | <i>Diverse speces</i> |
| Mountain holly | <i>Ilex mucronata</i> | | |
| Leatherleaf | <i>Chamaedaphne calyculata</i> | | |
| Pitcher plant | <i>Saracenia purpurea</i> | | |
| High bush blueberry | <i>Vaccinium corymbosum</i> | | |
| Cranberry | <i>Vaccinium macrocarpon</i> | | |
| Roundleaf sundew | <i>Drosera rotundifolia</i> | | |

Forests: Deciduous: Sugar maple/Beech/Yellow Birch

- Tree cover, with overlapping 60-100% canopy cover
- Gentle, rocky lower slopes with many boulders
- Northern hardwoods forest
 - Sugar Maple, *Acer saccharum*
 - Yellow Birch, *Betula alleghaniensis*
 - Beech, *Fagus grandiflora*
- Northwestern Connecticut

Forests: Deciduous: Sugar Maple/Beech/Yellow Birch

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|----------------------|----------------------------|
| White ash | <i>Fraxinus americana</i> | Wild sarsaparilla | <i>Aralia nudicaulis</i> |
| American basswood | <i>Tilia americana</i> | Red trillium | <i>Trillium erectum</i> |
| Hemlock | <i>Tsuga canadensis</i> | Whorled wood aster | <i>Oclemena acuminatus</i> |
| Hobblebush | <i>Viburnum lantanoides</i> | Mountain wood sorrel | <i>Oxalis montana</i> |
| Striped maple | <i>Acer pennsylvanicum</i> | Bluebead | <i>Clintonia borealis</i> |
| Canada yew | <i>Taxus canadensis</i> | Indian cucumber | <i>Medeola virginiana</i> |
| Intermediate woodfern | <i>Dryopteris intermedia</i> | Shining firmoss | <i>Huperzia lucidula</i> |
| Marginal woodfern | <i>Dryopteris marginalis</i> | | |
| Partridgeberry | <i>Mitchella repens</i> | | |

Forests: Deciduous: Sugar Maple/Beech/Intermediate Woodfern

- Tree cover, with overlapping 60-100% canopy cover
- Gentle to moderately steep stony slopes
- Northern hardwoods forest
 - Sugar Maple, *Acer saccharum*
 - Intermediate Woodfern, *Dryopteris intermedia*
 - Beech, *Fagus grandiflora*
- Northwestern Connecticut

Forests: Deciduous: Sugar Maple/Beech/Intermediate Woodfern

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|--|--|
| Mountain maple | <i>Acer spicatum</i> | | |
| Hemlock | <i>Tsuga canadensis</i> | | |
| Hobblebush | <i>Viburnum lantanooides</i> | | |
| Striped maple | <i>Acer pennsylvanicum</i> | | |
| Red elderberry | <i>Sambucus racemosa</i> | | |
| Canada yew | <i>Taxus canadensis</i> | | |
| Shining firmoss | <i>Huperzia lucidula</i> | | |

Forests: Deciduous: Sugar Maple/White Ash/Blue Cohosh

- Tree cover, with overlapping 60-100% canopy cover
- Nutrient rich, moist, lower slopes
- Northern hardwoods forest
 - Sugar Maple, *Acer saccharum*
 - Blue Cohosh, *Caulophyllum thalictroides*
 - White Ash, *Fraxinus americana*
- Throughout Connecticut although uncommon in eastern Connecticut

Forests: Deciduous: Sugar Maple/White Ash/Blue Cohosh

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|-------------------|---------------------------------|
| Yellow birch | <i>Betula alleghaniensis</i> | Ginger | <i>Asarum canadense</i> |
| Basswood | <i>Tilia americana</i> | Bloodroot | <i>Sanguinaria canadensis</i> |
| Hophornbeam | <i>Viburnum lantanooides</i> | Dutchmans breeces | <i>Dicentra cucullaria</i> |
| Butternut | <i>Junglans cinerea</i> | Rue anemone | <i>Thalictrum thalictroides</i> |
| Red elderberry | <i>Sambucus racemosa</i> | Burr sedge | <i>Carex sparganiodes</i> |
| Bladdernut | <i>Staphylea trifolia</i> | Ferns | Diverse |
| Roundleaf dogwood | <i>Swida rugosa</i> | | |

Forests: Deciduous: Sugar Maple/White Ash/Silver False Spleenwort

- Tree cover, with overlapping 60-100% canopy cover
- Rich, bouldery slopes
- Northern hardwoods forest
 - Sugar Maple, *Acer saccharum*
 - White Ash, *Fraxinus americana*
 - Silver false spleenwort, *Deparia acrostichoides*
- Throughout Connecticut although uncommon in eastern Connecticut

Forests: Deciduous: Sugar Maple/White Ash/Silver False Spleenwort

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|---------------------|--------------------------------|
| Bitternut hickory | <i>Carya cordiformis</i> | Virginia waterleaf | <i>Hydrophyllum virginiana</i> |
| Slippery elm | <i>Tilia americana</i> | Twoleafed toothwort | <i>Cardamine diphylla</i> |
| Spicebush | <i>Lindera benzoin</i> | Canada violet | <i>Viola canadensis</i> |
| Witch hazel | <i>Hamamelis virginiana</i> | Squirrel corn | <i>Dicentra canadensis</i> |
| Bladdernut | <i>Staphylea trifolia</i> | Burr sedge | <i>Carex sparganiodes</i> |
| Rough bedstraw | <i>Galium asprellum</i> | Maidenhair fern | <i>Adiantum pedatum</i> |
| False hellebore | <i>Veratrum viride</i> | Sensitive fern | <i>Onoclea sensibilis</i> |

Forests: Deciduous: Sugar Maple/White Ash/New York Fern

- Tree cover, with overlapping 60-100% canopy cover
- Nutrient-poor areas along wetland borders
- Northern hardwoods forest
 - Sugar Maple, *Acer saccharum*
 - White Ash, *Fraxinus americana*
 - New York Fern, *Thelypteris noveboracensis*
- Throughout Connecticut

Forests: Deciduous: Sugar Maple/White Ash/New York Fern

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|------------------|-----------------------------|
| Red oak | <i>Quercus rubrum</i> | Interrupted fern | <i>Osmunda claytonia</i> |
| Black oak | <i>Quercus velutina</i> | Wood anemone | <i>Anemone quinquefolia</i> |
| Black birch | <i>Betula lenta</i> | | |
| Yellow birch | <i>Betula alleghianesis</i> | | |
| Witch hazel | <i>Hamamelis virginiana</i> | | |
| Spicebush | <i>Lindera benzoin</i> | | |
| Fragrant bedstraw | <i>Galium triflorum</i> | | |

Forests: Deciduous: Sugar Maple/White Ash/Roundlobe Hepatica

- Tree cover, with overlapping 60-100% canopy cover
- Nutrient-poor areas along wetland borders
- Northern hardwoods forest
 - Sugar Maple, *Acer saccharum*
 - White Ash, *Fraxinus americana*
 - Roundlobe Hepatica, *Anemone acutiloba*
- Western Connecticut and traprock ridges

Forests: Deciduous: Sugar Maple/White Ash/Roundlobe Hepatica

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|--------------------|-----------------------------------|
| Red oak | <i>Quercus rubrum</i> | Early meadow rue | <i>Thalictrum dioicum</i> |
| Hickories | <i>Carya spp.</i> | Rue anemone | <i>Thalictrum thalictroides</i> |
| Beech | <i>Fagus grandifolia</i> | Nodding fescue | <i>Festuca subverticillata</i> |
| Hophornmean | <i>Ostrya virginiana</i> | Christmas fern | <i>Polystichum acrostichoides</i> |
| Witch hazel | <i>Hamamelis virginiana</i> | White baneberry | <i>Actaea pachypoda</i> |
| Spicebush | <i>Lindera benzoin</i> | Common blue violet | <i>Viola sororia</i> |
| Broadleaf sedge | <i>Carex platyphylla</i> | Roundleaf ragwort | <i>Packera obovata</i> |
| Jack-in-the-pulpit | <i>Arisaema triphyllum</i> | | |

Forests: Deciduous: Sugar Maple/Chinkapin oak/Bristleleaf Sedge

- Tree cover, with overlapping 60-100% canopy cover
- Nutrient-poor areas along wetland borders
- Northern hardwoods forest
 - Sugar Maple, *Acer saccharum*
 - Chinkapin Oak, *Quercus muhlenbergii*
 - Bristleleaf sedge, *Carex eburnea*
- Upper slopes of marble ridges in northwestern Connecticut

Forests: Deciduous: Sugar Maple/Chinkapin Oak/Bristleleaf Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|------------------------------|------------------------------|
| Basswood | <i>Tilia americana</i> | Early meadow rue | <i>Thalictrum dioicum</i> |
| White Ash | <i>Fraxinus americana</i> | Seneca snakeroot | <i>Polygala senega</i> |
| Shagbark Hickory | <i>Carya ovata</i> | Columbine | <i>Aquilegia canadensis</i> |
| Pignut Hickory | <i>Carya glabra</i> | Smooth yellow foxglove | <i>Aureolaria flava</i> |
| Witch hazel | <i>Hamamelis virginiana</i> | Thimbleweed | <i>Anemone virginiana</i> |
| Hophornmean | <i>Ostrya virginiana</i> | Blue virgins bower | <i>Clematis occidentalis</i> |
| Hackberry | <i>Celtis occidentalis</i> | Roundleaf ragwort | <i>Packera obovata</i> |
| Alternativeleafed dogwood | <i>Swida alternifolia</i> | Orange fruited horse gentian | <i>Triosteum aurentiacum</i> |

Forests: Deciduous: Pignut Hickory /White Ash

- Tree cover, with overlapping 60-100% canopy cover
- Dry rocky summits
- Northern hardwoods forest
 - Pignut hickory, *Carya glabra*
 - White Ash, *Fraxinus americana*
- Trap rock ridges; upper slopes western Connecticut

Forests: Deciduous: Pignut Hickory/White Ash

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|------------------------|--------------------------------|
| Oaks | <i>Quercus spp.</i> | Ebony spleenwort | <i>Asplenium platyneuron</i> |
| Shagbark Hickory | <i>Carya ovata</i> | Seneca snakeroot | <i>Polygala senega</i> |
| Hophornbeam | <i>Ostrya virginiana</i> | Woodsia | <i>Woodsia obtusa</i> |
| Downy arrowwood | <i>Viburnum rafinesquianum</i> | Smooth yellow foxglove | <i>Aureolaria flava</i> |
| Canada bluegrass | <i>Poa compressa</i> | Early saxifrage | <i>Micranthes virginiensis</i> |
| Little bluestem | <i>Schizachyrium scoparium</i> | Virginia spring beauty | <i>Claytonia virginica</i> |
| Tick trefoils | <i>Desmodium spp.</i> | Common blue violet | <i>Viola sororia</i> |
| Rock-cress | <i>Arabis spp.</i> | Trout lily | <i>Erythronium americanum</i> |

Forests: Deciduous: Red Oak/Mapleleaf Viburnum

- Tree cover, with overlapping 60-100% canopy cover
- Well-drained midslope soils
- Northern hardwoods forest
 - Red Oak, *Quercus rubra*
 - Mapleleaf Viburnum, *Viburnum acerifolium*
- Throughout Connecticut

Forests: Deciduous: Red Oak/Mapleleaf Viburnum

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|-------------------|---------------------------|
| Black oak | <i>Quercus velutina</i> | Spotted gernium | <i>Geranium maculatum</i> |
| Hickories | <i>Carya spp.</i> | Fragrant bedstraw | <i>Galium triflorum</i> |
| Black birch | <i>Betula lenta</i> | Woodsia | <i>Woodsia obtusa</i> |
| Red maple | <i>Acer rubrum</i> | | |
| Flowering dogwood | <i>Bethamidia florida</i> | | |
| Beaked hazelnut | <i>Corylus cornuta</i> | | |
| Sugar maple | <i>Acer saccharum</i> | | |
| Witch hazel | <i>Hamamelis virginiana</i> | | |

Forests: Deciduous: Red Oak/White Oak/Yellow Poplar/American Beech

- Tree cover, with overlapping 60-100% canopy cover
- Coastal areas
- Northern hardwoods forest
 - Red Oak, *Quercus rubra*
 - White Oak, *Quercus alba*
 - Yellow poplar, *Liriodendron tulipifera*
 - American Beech, *Fagus grandifolia*
- Coastal Connecticut in Fairfield County

Forests: Deciduous: Red Oak/White Oak/Yellow Poplar/American Beech

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|--------------------|------------------------------------|
| Sugar maple | Sugar maple | Solomon's seal | <i>Polygonatum biflorum</i> |
| Sweet gum | <i>Liquidambar styraciflua</i> | Jack in the pulpit | <i>Arisaema triphyllum</i> |
| Black birch | <i>Betula lenta</i> | Spotted geranium | <i>Geranium maculata</i> |
| Red maple | <i>Acer rubrum</i> | Virginia creeper | <i>Parthenocissus quinquefolia</i> |
| Flowering dogwood | <i>Bethamidia florida</i> | Upland sedges | <i>Carex spp.</i> |
| Mapleleaf viburnum | <i>Viburnum acerifolium</i> | | |
| False Solomon's plume | <i>Maianthemum racemosum</i> | | |
| Starry Solomon's plume | <i>Maianthemum stellata</i> | | |

Forests: Deciduous: Black Oak/Chestnut Oak/Black Huckleberry

- Tree cover, with overlapping 60-100% canopy cover
- Shallow, dry, rocky soils on upper slopes
- Northern hardwoods forest
 - Black Oak, *Quercus velutina*
 - Chestnut Oak, *Quercus montana*
 - Black Huckleberry, *Gaylussacia baccata*
- Upper slopes in most of Connecticut

Forests: Deciduous: Black Oak/Chestnut Oak/Black Huckleberry

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|--|--|
| Pitch pine | <i>Pinus rigida</i> | | |
| White pine | <i>Pinus strobus</i> | | |
| Low bush blueberry | <i>Vaccinium angustifolium</i> | | |
| Hillside blueberry | <i>Vaccinium pallidum</i> | | |
| Bastard toadflax | <i>Comandra umbellata</i> | | |
| Poverty oatgrass | <i>Danthonia spicata</i> | | |
| Mountain laurel | <i>Kalmia latifolia</i> | | |
| Little bluestem | <i>Schizachyrium scoparium</i> | | |

Forests: Deciduous: Black Oak/Red Oak/Hillside Blueberry

- Tree cover, with overlapping 60-100% canopy cover
- Dry to well-drained soils on upper and middle slopes and summits
- Northern hardwoods forest
 - Black Oak, *Quercus velutina*
 - Red Oak, *Quercus rubra*
 - Hillside Blueberry, *Vaccinium pallidum*
- Upper slopes in most of Connecticut

Forests: Black Oak/Red Oak/Hillside Blueberry

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|----------------------|--------------------------------|
| Chestnut oak | <i>Quercus montana</i> | Lowbush blueberry | <i>Vaccinium angustifolium</i> |
| White pine | <i>Pinus strobus</i> | Pennsylvania sedge | <i>Carex pennsylvanica</i> |
| Beech | <i>Fagus grandifolia</i> | Mountain laurel | <i>Kalmia latifolia</i> |
| Red maple | <i>Acer rubrum</i> | Black huckleberry | <i>Gaylussacia baccata</i> |
| Striped maple | <i>Acer pennsylvanicum</i> | Cowwheat | <i>Melampyrum lineare</i> |
| Witch hazel | <i>Hamamelis virginiana</i> | Pink ladyslipper | <i>Cypripedium acaule</i> |
| Sassafras | <i>Sassafras albidum</i> | Wintergreen | <i>Gaultheria procumbens</i> |
| Sweet pepperbush | <i>Clethra alnifolium</i> | Rattlesnake hawkweed | <i>Hieracium venosum</i> |

Forests: Deciduous: Red Oak/Yellow Birch/Cinnamon Fern

- Tree cover, with overlapping 60-100% canopy cover
- Poorly drained moist soils
- Northern hardwoods forest
 - Red Oak, *Quercus rubra*
 - Yellow Birch, *Betula alleghaniensis*
 - Cinnamon Fern, *Osmunda cinnamomea*
- Wetland transition areas

Forests: Red Oak/Yellow Birch/Cinnamon Fern

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------------|--|--|
| Red maple | <i>Acer rubrum</i> | | |
| Black oak | <i>Quercus veluntina</i> | | |
| Witch hazel | <i>Hamamelis virginiana</i> | | |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | | |
| Spicebush | <i>Lindera benzoin</i> | | |
| New York fern | <i>Thelypteris noveboracensis</i> | | |
| Sessile bellwort | <i>Uvularia sessilifolia</i> | | |

Forests: Deciduous: Sugar Maple/White Ash/Sprengel's Sedge

- Tree cover, with overlapping 60-100% canopy cover
- Upper reaches of floodplains
- Floodplain forest
 - Sugar maple, *Acer saccharum*
 - White Ash, *Fraxinum americana*
 - Sprengel's Sedge, *Carex sprengalii*
- High floodplains and levees along river systems

Forests: Sugar Maple/White Ash/Sprengel's Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|----------------------------|---------------------------------|
| White ash | <i>Fraxinus americana</i> | Two leaved toothwort | <i>Cardamine diphylla</i> |
| Basswood | <i>Tilia americana</i> | Cutleaved toothwort | <i>Cardamine concatenata</i> |
| American elm | <i>Ulmus americana</i> | Wild ginger | <i>Asarum canadense</i> |
| Bitternut hickory | <i>Carya cordiformis</i> | Dutchman's breeches | <i>Dicentra cucullaria</i> |
| Sycamore | <i>Platanus occidentalis</i> | Moonseed | <i>Menispermum canadense</i> |
| Boxelder | <i>Acer negundo</i> | Virginia waterleaf | <i>Hydrophyllum virginianum</i> |
| Bladdernut | <i>Staphylea trifolia</i> | Eastern narrowleaved sedge | <i>Carex amphibola</i> |
| Lumpweed | <i>Desmodium virginianum</i> | Beak sedge | <i>Carex rostrata</i> |

Forests: Deciduous: Silver Maple/Smallspike false nettle

- Tree cover, with overlapping 60-100% canopy cover
- Poorly drained alluvial soils
- Floodplain forest
 - Silver maple, *Acer saccharinum*
 - Small-spiked false nettle, *Boehmeria cylindrica*
- Rivers with active flooding

Forests: Deciduous: Silver Maple/Smallspike false nettle

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|--|--|
| Cottonwood | <i>Populus deltoides</i> | | |
| Green ash | <i>Fraxinus pennsylvanica</i> | | |
| Canada clearweed | <i>Pilea pumila</i> | | |
| Sensitive fern | <i>Onoclea sensibilis</i> | | |
| Poison ivy | <i>Toxicodendron radicans</i> | | |
| White cut grass | <i>Leersia virginica</i> | | |

Forests: Deciduous: Silver Maple/Sensitive Fern

- Tree cover, with overlapping 60-100% canopy cover
- Inner floodplain areas above river level
- Floodplain forest
 - Silver maple, *Acer saccharinum*
 - Sensitive fern, *Onoclea sensibilis*
- Along major rivers

Forests: Deciduous: Silver Maple/ Sensitive Fern

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|------------------|---------------------------|
| Cottonwood | <i>Populus deltoides</i> | Sweet wood reed | <i>Cinna arundinacea</i> |
| Green ash | <i>Fraxinus pennsylvanica</i> | White avens | <i>Geum canadense</i> |
| Spicebush | <i>Lindera benzoin</i> | White turtlehead | <i>Chelone glabra</i> |
| Arrowwood | <i>Viburnum dentatum</i> | Jewelweed | <i>Impatiens capensis</i> |
| Silky dogwood | <i>Swida amomum</i> | Fringed sedge | <i>Carex crinita</i> |
| Wild rice | <i>Zizania aquatica</i> | Hop sedge | <i>Carex lupulina</i> |

Forests: Deciduous: Silver Maple/White Snakeroot

- Tree cover, with overlapping 60-100% canopy cover
- Areas along rivers
- Floodplain forest
 - Silver maple, *Acer saccharinum*
 - White Snakeroot, *Ageratina altissima*
- Levees along major rivers

Forests: Deciduous: Silver Maple/White Snakeroot

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------|-------------------|------------------------------------|
| Cottonwood | <i>Populus deltoides</i> | Virginia creeper | <i>Parthenocissus quinquefolia</i> |
| American elm | <i>Ulmus americana</i> | Giant ragweed | <i>Ambrosia trifida</i> |
| Spicebush | <i>Lindera benzoin</i> | Poison ivy | <i>Toxicodendron radicans</i> |
| Arrowwood | <i>Viburnum dentatum</i> | Ostrich fern | <i>Mateuccia struthiopteris</i> |
| Silky dogwood | <i>Swida amomum</i> | Canada goldenrod | <i>Solidago canadensis</i> |
| Stinging nettle | <i>Urtica dioica</i> | Riverbank wildrye | <i>Elymus riparius</i> |

Forests: Deciduous: Pin Oak/Green Ash

- Tree cover, with overlapping 60-100% canopy cover
- Alluvial deposits along small rivers
- Floodplain forest
 - Pin Oak, *Quercus palustris*
 - Green Ash, *Fraxinus pennsylvanica*
- Along small rivers

Forests: Deciduous: Pin Oak/Green Ash

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|---------------------------------------|------------------------|-------------------------------|
| Swamp white oak | <i>Quercus bicolor</i> | Hop sedge | <i>Carex lupulina</i> |
| American elm | <i>Ulmus americana</i> | Gray's sedge | <i>Carex grayii</i> |
| Sycamore | <i>Platanus occidentalis</i> | Enchanter's nightshade | <i>Circaeacanadensis</i> |
| Spicebush | <i>Lindera benzoin</i> | Poison ivy | <i>Toxicodendron radicans</i> |
| Arrowwood | <i>Viburnum dentatum</i> | White avens | <i>Geum canadensis</i> |
| Silky dogwood | <i>Swida amomum</i> | Sensitive fern | <i>Onoclea sensibilis</i> |
| Elderberry | <i>Sambucus nigra ssp. canadensis</i> | Jack in the pulpit | <i>Arisaema triphyllum</i> |
| Fringed sedge | <i>Carex crinita</i> | Blue flag | <i>Iris versicolor</i> |

Forests: Deciduous: Sycamore/Box Elder

- Tree cover, with overlapping 60-100% canopy cover
- Low-lying floodplains
- Floodplain forest
 - Sycamore, *Platanus occidentalis*
 - Box Elder, *Acer negundo*
- Along mid-sized rivers

Forests: Deciduous: Sycamore/Box Elder

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|---------------------------------|------------------------|-------------------------------|
| Red maple | <i>Acer rubrum</i> | Sensitive fern | <i>Onoclea sensibilis</i> |
| American elm | <i>Ulmus americana</i> | White avens | <i>Geum canadense</i> |
| Bitternut hickory | <i>Carya cordiformis</i> | Enchanter's nightshade | <i>Circaeacanadensis</i> |
| Cottonwood | <i>Populus deltoides</i> | Poison ivy | <i>Toxicodendron radicans</i> |
| Black willow | <i>Salix nigra</i> | | <i>Geum canadensis</i> |
| Ostrich fern | <i>Mateuccia struthiopteris</i> | Sensitive fern | <i>Onoclea sensibilis</i> |

Forests: Deciduous: Red Maple/Black Ash/Bristly Buttercup

- Tree cover, with overlapping 60-100% canopy cover
- Enriched sites
- Wetland forest
 - Red Maple, *Acer rubrum*
 - Black Ash, *Fraxinus nigra*
 - Bristly Buttercup, *Ranunculus hispidus*
- Western Connecticut marble valleys, central Connecticut glacial lake sediments

Forests: Deciduous: Red Maple/Black Ash/Bristly Buttercup

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|----------------------|-----------------------------|-------------------------|---------------------------------|
| Yellow birch | 333 | Skunk cabbage | <i>Symplocarpus foetidus</i> |
| Swamp white oak | <i>Quercus bicolor</i> | False hellebore | <i>Veratrum viride</i> |
| Pin oak | <i>Quercus palustris</i> | Eastern swamp saxifrage | <i>Micranthes pennsylvanica</i> |
| Northern white cedar | <i>Thuja occidentalis</i> | Purple avens | <i>Geum rivale</i> |
| Larch | <i>Larix laricina</i> | Swamp thistle | <i>Cirsium muticum</i> |
| Spicebush | <i>Lindera benzoin</i> | Rue anemone | <i>Thalictrum pubescens</i> |
| Red twig dogwood | <i>Swida sericea</i> | Cinammon fern | <i>Osmunda cinnamomea</i> |
| Speckled alder | <i>Alnus incana</i> | Sensitive fern | <i>Onoclea sensibilis</i> |
| Arrowwood | <i>Viburnum dentatum</i> | Yellow lady's slipper | <i>Cypripedium calceolus</i> |
| Poison sumac | <i>Toxicodendron vernix</i> | Senstive fern | <i>Onoclea sensibilis</i> |
| High bush blueberry | <i>Vaccinium corymbosum</i> | Winterberry | <i>Ilex verticillata</i> |

Forests: Deciduous: Red Maple/Spicebush

- Tree cover, with overlapping 60-100% canopy cover
- Along small streams
- Wetland forest
 - Red Maple, *Acer rubrum*
 - Spicebush, *Lindera benzoin*
- Throughout Connecticut

Forests: Deciduous: Red Maple/Spicebush

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------|------------------|------------------------------|
| Black ash | <i>Fraxinus nigra</i> | Skunk cabbage | <i>Symplocarpus foetidus</i> |
| American elm | <i>Ulmus americana</i> | False hellebore | <i>Veratrum viride</i> |
| Nannyberry | <i>Viburnum lentago</i> | Crested woodfern | <i>Dryopeteris cristata</i> |
| Winterberry | <i>Ilex verticillata</i> | Jewelweed | <i>Impatiens capensis</i> |
| Silky dogwood | <i>Cornus amomum</i> | Cinammon fern | <i>Osmunda cinnamonea</i> |
| Sweet pepperbush | <i>Clethra alnifolia</i> | Sensitive fern | <i>Onoclea sensibilis</i> |

Forests: Deciduous: Red Maple/Winterberry/Highbush Blueberry

- Tree cover, with overlapping 60-100% canopy cover
- Bedrock depressions with perched water tables or poorly drained mineral soils
- Wetland forest
 - Red Maple, *Acer rubrum*
 - Winterberry, *Ilex verticillata*
 - Highbush blueberry, *Vaccinium corymbosum*
- Throughout Connecticut

Forests: Deciduous: Red Maple/ Winterberry/Highbush Blueberry

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|--------------------------|------------------------------|
| Blackgum | <i>Nyssa sylvatica</i> | Skunk cabbage | <i>Symplocarpus foetidus</i> |
| Hemlock | <i>Tsuga canadensis</i> | Cinammon fern | <i>Osmunda cinnamonea</i> |
| White pine | <i>Pinus strobus</i> | Royal fern | <i>Osmunda regalis</i> |
| Swamp azalea | <i>Rhododendron viscosum</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Silky dogwood | <i>Cornus amomum</i> | Greater bladder sedge | <i>Carex intumescens</i> |
| Sweet pepperbush | <i>Clethra alnifolia</i> | Seedbox | <i>Ludwigia palustris</i> |
| Northern long sedge | <i>Carex folliculata</i> | Mannagrass | <i>Glyceria spp.</i> |

Forests: Deciduous: Red Maple/Pin Oak

- Tree cover, with overlapping 60-100% canopy cover
- Seasonally wet sand or clay soils
- Wetland forest
 - Red Maple, *Acer rubrum*
 - Pin oak, *Quercus palustris*
- North central valley

Forests: Deciduous: Red Maple/Pin Oak

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------------|-----------------|------------------------------|
| Blackgum | <i>Nyssa sylvatica</i> | Woolgrass | <i>Scirpus cyperinus</i> |
| Swamp white oak | <i>Quercus bicolor</i> | Cinammon fern | <i>Osmunda cinnamonea</i> |
| Hickories | <i>Carya spp.</i> | Royal fern | <i>Osmunda regalis</i> |
| Winterberry | <i>Ilex verticillata</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Fringed sedge | <i>Carex crinita</i> |
| Buttonbush | <i>Cephalanthus occidentalis</i> | Hop sedge | <i>Carex lupulina</i> |
| Tussock sedge | <i>Carex stricta</i> | Fowl mannagrass | <i>Glyceria striata</i> |

Woodlands: Coniferous: Pitch Pine/Scrub Oak

- Tree cover, with overlapping 25-60% canopy cover
- Summits, ledges, well-drained sandy soils
- Woodland forest
 - Pitch Pine, *Pinus rigida*
 - Scrub oak, *Ilicifolia*
- Small scattered occurrences throughout

Woodlands: Coniferous: Pitch Pine/Scrub Oak

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|----------------|-----------------------------|
| Oaks | <i>Quercus spp.</i> | Bracken fern | <i>Pteridium aquillinum</i> |
| Little bluestem | <i>Schizachyrium scoparium</i> | Haircap mosses | <i>Polytrichum spp.</i> |
| Low bush blueberry | <i>Vaccinium angustifolium</i> | Wavy hairgrass | <i>Deschampsia flexuosa</i> |
| Cowwheat | <i>Melampyrum lineare</i> | Lichens | <i>Cladonia spp.</i> |
| Poverty oatgrass | <i>Danthonia spicata</i> | | |
| Gray goldenrod | <i>Solidago nemoralis</i> | | |
| Silverrod | <i>Solidago bicolor</i> | | |

Woodlands: Coniferous: Pitch Pine/Lowbush Blueberry

- Tree cover, with overlapping 25-60% canopy cover
- Nutrient poor, dry, sandy soils
- Woodland forest
 - Pitch Pine, *Pinus rigida*
 - Lowbush blueberry, *Vaccinium angustifolium*
- Central valley and areas with extensive sandy deposits

Woodlands: Coniferous: Pitch Pine/Lowbush Blueberry

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|--------------------|----------------------------|
| Black oak | <i>Quercus velutina</i> | Black huckleberry | <i>Gaylussacia baccata</i> |
| Scarlet oak | <i>Quercus coccinea</i> | Haircap mosses | <i>Polytrichum spp.</i> |
| Post oak | <i>Quercus stellata</i> | Pennsylvania sedge | <i>Carex pensylvanica</i> |
| Gray birch | <i>Betulina populifolia</i> | Pinweeds | <i>Lechea spp.</i> |
| White pine | <i>Pinus strobus</i> | Lichens | <i>Cladonia spp.</i> |
| Poverty oatgrass | <i>Danthonia spicata</i> | Frostweeds | <i>Crocantemum spp.</i> |
| Little bluestem | <i>Schizachyrium scoparium</i> | | |

Woodlands: Coniferous: Eastern Redcedar/Poverty Oatgrass

- Tree cover, with overlapping 25-60% canopy cover
- Dry traprock ledges
- Woodland forest
 - Eastern redcedar, *Juniperus virginiana*
 - Poverty Oatgrass, *Danthonia spicata*
- Central valley

Woodlands: Coniferous: Eastern Redcedar/Poverty Oatgrass

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|--------------------|-------------------------------|
| Chestnut oak | <i>Quercus montana</i> | Panicgrass | <i>Dicanthelium spp.</i> |
| Scrub oak | <i>Quercus ilicifolia</i> | Columbine | <i>Aquilegia canadensis</i> |
| Post oak | <i>Quercus stellata</i> | Pink corydalis | <i>Capnoides sempervirens</i> |
| White ash | <i>Fraxinus americana</i> | Mountain mints | <i>Pycnanthemem spp.</i> |
| Hophornbeam | <i>Ostrya virginiana</i> | Lichens | <i>Cladonia spp.</i> |
| Downy arrowwood | <i>Viburnum rafinesquianum</i> | Woodland sunflower | <i>Helianthus divaricatus</i> |
| Little bluestem | <i>Schizachyrium scoparium</i> | Silverrod | <i>Solidago bicolor</i> |

Woodlands: Coniferous: Eastern Redcedar/Hophornbeam

- Tree cover, with overlapping 25-60% canopy cover
- Marble ledges
- Woodland forest
 - Eastern redcedar, *Juniperus virginiana*
 - Hophornbeam, *Ostrya virginiana*
- Western marble valleys

Woodlands: Coniferous: Eastern Redcedar/Hophornbeam

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|----------------------------|--------------------------------|
| Hickories | <i>Carya spp.</i> | Ebony spleenwort | <i>Asplenium platyneuron</i> |
| Northern white cedar | <i>Thuja occidentalis</i> | Grooved flax | <i>Linum sulcatum</i> |
| Hackberry | <i>Celtis occidentalis</i> | Late purple aster | <i>Symphotrichum patens</i> |
| Little bluestem | <i>Schizachyrium scoparium</i> | Wavy leaved aster | <i>Symphotrichum undulatum</i> |
| Bristleleaf sedge | <i>Carex eburnea</i> | Gray goldenrod | <i>Solidago nemoralis</i> |
| Michaux's sandplant | <i>Minuartia michauxii</i> | Stiff flattopped goldenrod | <i>Oligoneuron rigidum</i> |
| Wild bergamont | <i>Monarda fistulosa</i> | Silverrod | <i>Solidago bicolor</i> |

Woodlands: Coniferous: Black Spruce/Mountain Holly

- Tree cover, with overlapping 25-60% canopy cover
- Peat-filled, saturated depressions
- Woodland forest
 - Black Spruce, *Picea mariana*
 - Mountain Holly, *Ilex montana*
- Northwestern Connecticut

Woodlands: Coniferous: Black Spruce/Mountain Holly

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--|-------------------|-----------------------------|
| Larch | <i>Larix laricina</i> | Roundleaf sundew | <i>Droser rotundifolia</i> |
| Red spruce | <i>Picea rubens</i> | White beaksedge | <i>Rhynchospora alba</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Late purple aster | <i>Symphotrichum patens</i> |
| Witherod | <i>Viburnum nudum var. cassinoides</i> | Brownfruit rush | <i>Juncus pelocarpus</i> |
| Swamp azalea | <i>Rhododendron viscosum</i> | Mosses | <i>Sphagnum spp.</i> |
| Winterberry | <i>Ilex vertillicata</i> | | |
| Sheep laurel | <i>Kalmia angustifolia</i> | | |
| Leatherleaf | <i>Chamaedaphe calyculata</i> | | |
| Cranberry | <i>Vaccinium macrocarpon</i> | | |

Woodlands: Coniferous: Atlantic White Cedar/Leatherleaf

- Tree cover, with overlapping 25-60% canopy cover
- Bogs
- Woodland forest
 - Atlantic White Cedar, *Chamaecyparis thyoides*
 - Leatherleaf, *Chamaedaphne calyculata*
- Throughout Connecticut though uncommon in eastern and south central Connecticut

Woodlands: Coniferous: Atlantic White Cedar/Leatherleaf

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|------------------|----------------------------|
| Swamp loosestrife | <i>Decodon verticillatus</i> | Roundleaf sundew | <i>Droser rotundifolia</i> |
| Sweet pepperbush | <i>Clethra alnifolia</i> | Pitcher plant | <i>Sarracenia purpurea</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Mosses | <i>Sphagnum spp.</i> |
| Swamp azalea | <i>Rhododendron viscosum</i> | | |
| Swamp azalea | <i>Rhododendron viscosum</i> | | |
| Cranberry | <i>Vaccinium macrocarpon</i> | | |

Woodlands: Deciduous: Scarlet Oak/Sassafras

- Tree cover, with overlapping 25-60% canopy cover
- Sheltered areas below dunes
- Woodland forest
 - Scarlet Oak, *Quercus coccinea*
 - Sassafras, *Sassafras albidum*
- Coastal Connecticut

Woodlands: Deciduous: Scarlet Oak/Sassafras

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|--------------------------|------------------------------------|
| Black cherry | <i>Prunus serotina</i> | Virginia creeper | <i>Parthenocissus quinquefolia</i> |
| White oak | <i>Quercus alba</i> | Sedges | <i>Carex spp.</i> |
| Serviceberry | <i>Amalanchier canadensis</i> | Canada mayblower | <i>Maianthemum canadense</i> |
| Bayberry | <i>Morella caroliniensis</i> | Starlike Solomon's plume | <i>Maianthemum stellatum</i> |
| Arrowwood | <i>Viburnum dentatum</i> | | |
| Black huckleberry | <i>Gaylussaccia baccata</i> | | |
| Virginia rose | <i>Rosa virginia</i> | | |
| Poison ivy | <i>Toxicodendron radicans</i> | | |
| Greenbriar | <i>Smilax rotundifolia</i> | | |

Woodlands: Deciduous: Red Oak/Rock Polypody

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|------------------|------------------------------------|
| Sugar maple | <i>Acer saccharum</i> | Virginia creeper | <i>Parthenocissus quinquefolia</i> |
| Yellow birch | <i>Betula alleghaniensis</i> | Allegheny vine | <i>Adlumia fungosa</i> |
| Black birch | <i>Betula lenta</i> | Fringed bindweed | <i>Fallopia ciliinodis</i> |
| Beech | <i>Fagus grandifolia</i> | Currants | <i>Ribes spp.</i> |
| White ash | <i>Fraxinus americana</i> | Blackberries | <i>Rubus spp.</i> |
| Striped maple | <i>Acer pensylvanicum</i> | | |
| Mountain maple | <i>Acer spicatum</i> | | |
| Poison ivy | <i>Toxicodendron radicans</i> | | |

Woodlands: Deciduous: Black Birch/White Ash/Robert Geranium

- Tree cover, with overlapping 25-60% canopy cover
- Rich talus
- Woodland forest
 - Black Birch, *Betula lenta*
 - White Ash, *Fraxinus americana*
 - Robert Geranium, *Geranium robertianum*
- Marble valleys and traprock ridges in Connecticut

Woodlands: Deciduous: Black Birch/White Ash/Robert Geranium

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|------------------------|------------------------------|
| Sugar maple | <i>Acer saccharum</i> | Roundleaved dogwood | <i>Swida rugosa</i> |
| Yellow birch | <i>Betula alleghaniensis</i> | Bladdernut | <i>Staphylea trifolia</i> |
| Basswood | <i>Tilia americana</i> | Marginal woodfern | <i>Dryopteris marginalia</i> |
| Red oak | <i>Quercus rubra</i> | Ebony spleenwort | <i>Asplenium platyneuron</i> |
| Butternut | <i>Juglans cinerea</i> | Fragile ferns | <i>Cystopteris spp.</i> |
| Striped maple | <i>Acer pensylvanicum</i> | Bluntleaved cliff fern | <i>Woodsia obtusa</i> |
| Mountain maple | <i>Acer spicatum</i> | Lady fern | <i>Athyrium angustum</i> |
| Hophornbeam | <i>Ostrya virginiana</i> | Broadleaved sedge | <i>Carex platyphylla</i> |
| Red flowering raspberry | <i>Rubus odoratus</i> | Fibrous rooted sedge | <i>Carex communis</i> |
| Wild ginger | <i>Asarum canadense</i> | Sedges | <i>Carex spp.</i> |

Woodlands: Deciduous: Sugar Maple/Basswood

- Tree cover, with overlapping 25-60% canopy cover
- Talus on cold, north-facing slopes
- Woodland forest
 - Sugar maple, *Acer saccharum*
 - Basswood, *Tilia americana*
- Northwestern Connecticut

Woodlands: Deciduous: Sugar Maple/Basswood

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|--------------------------|--------------------------------|
| Beech | <i>Fagus grandifolia</i> | Dutchmans breeches | <i>Dicentra cucullaria</i> |
| Yellow birch | <i>Betula alleghaniensis</i> | Virginia waterleaf | <i>Hydrophyllum virginiana</i> |
| White ash | <i>Fraxinus americana</i> | Jewelweed | <i>Impatiens capensis</i> |
| Red elderberry | <i>Sambucus racemosa</i> | Pale jewelweed | <i>Impatiens pallida</i> |
| Eastern prickly currant | <i>Ribes cynosbati</i> | Fragile fern | <i>Cystopteris fragilis</i> |
| Striped maple | <i>Acer pensylvanicum</i> | Marginal woodfern | <i>Dryopteris marginalis</i> |
| Mountain maple | <i>Acer spicatum</i> | Intermediate woodfern | <i>Dryopteris intermedia</i> |
| Witch hazel | <i>Hamamelis virginiana</i> | Shining firmoss | <i>Huperzia lucidula</i> |
| Canadian white violet | <i>Viola canadensis</i> | | |
| Squirrelcorn | <i>Dicentra canadensis</i> | | |

Woodlands: Deciduous: Red Maple/Hairy Sedge

- Tree cover, with overlapping 25-60% canopy cover
- Nutrient-rich lowlands
- Woodland forest
 - Red maple, *Acer rubrum*
 - Hairy sedge, *Carex lacustris*
- Northwestern and northeastern Connecticut

Woodlands: Deciduous: Red Maple/Hairy Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|---------------------------------|----------------------------|------------------------------|
| Black ash | <i>Fraxinus nigra</i> | Marsh bellflower | <i>Campanula aparinoides</i> |
| Willows | <i>Salix spp.</i> | Fringed yellow loosestrife | <i>Lysimachia ciliata</i> |
| Gray alder | <i>Alnus incana var. rugosa</i> | Tussock sedge | <i>Carex stricta</i> |
| Nannyberry | <i>Viburnum lentago</i> | | |
| Sensitive fern | <i>Onoclea sensibilis</i> | | |
| Coastal plain Joe Pye weed | <i>Eutrochium dubium</i> | | |
| Jewelweed | <i>Impatiens capensis</i> | | |

Woodlands: Deciduous: Red Maple/Tussock Sedge

- Tree cover, with overlapping 25-60% canopy cover
- Flooded depressions
- Woodland forest
 - Red maple, *Acer rubrum*
 - Tussock sedge, *Carex stricta*
- Throughout Connecticut

Woodlands: Deciduous: Red Maple/Tussock Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------------|------------------------|---------------------------------|
| Silky willow | <i>Salix sericea</i> | Blunt spikesedge | <i>Eleocharis obtusa</i> |
| Willows | <i>Salix spp.</i> | Rattlesnake mannagrass | <i>Glyceria canadensis</i> |
| Alders | <i>Alnus spp.</i> | Common rush | <i>Juncus effusus</i> |
| Red twig dogwood | <i>Swida sericea</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Silky dogwood | <i>Swida amomum</i> | Bluejoint | <i>Calamagrostis canadensis</i> |
| Buttonbush | <i>Cephalanthus occidentalis</i> | Marsh seedbox | <i>Ludwigia palustris</i> |
| Swamp rose | <i>Rosa palustris</i> | | |
| Sweet pepperbush | <i>Clethra alnifolia</i> | | |
| Meadowsweet | <i>Spirea alba</i> | | |

Woodlands: Deciduous: Red Maple/Green Ash/Knotweeds

- Tree cover, with overlapping 25-60% canopy cover
- Freshwater tidal swamp
- Woodland forest
 - Red maple, *Acer rubrum*
 - Green ash, *Fraxinus pennsylvanica*
 - Knotweeds, *Polygonum spp.*
- Coves on lower Connecticut River

Woodlands: Deciduous: Red Maple/Green Ash/Knotweeds

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------------|------------------|----------------------------|
| American elm | <i>Ulmus americana</i> | Green arrow arum | <i>Peltandra virginica</i> |
| Gray alder | <i>Alnus incana var. rugosa</i> | Pickeralweed | <i>Pondetaria cordata</i> |
| Winterberry | <i>Ilex verticillata</i> | Sensitive fern | <i>Onoclea sensibilis</i> |
| Spicebush | <i>Lindera benzoin</i> | Swamp milkweed | <i>Asclepias incarnata</i> |
| Red twig dogwood | <i>Swida sericea</i> | Sedges | <i>Carex spp.</i> |
| Buttonbush | <i>Cephalanthus occidentalis</i> | | |

Woodlands: Mixed: Pitch Pine/Post Oak

- Tree cover, with overlapping 25-60% canopy cover
- Cry coastal bluffs
- Woodland forest
 - Pitch Pine, *Pinus rigida*
 - Post Oak, *Quercus stellata*
- Coastal New Haven and Middlesex counties

Woodlands: Mixed: Pitch Pine/Post Oak

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------------|-------------------------------|------------------------------|
| Hickories | <i>Carya spp.</i> | Seaside goldenrod | <i>Solidago sempervirens</i> |
| Black oak | <i>Quercus velutina</i> | Eastern prickly pear cactus | <i>Opuntia humifosa</i> |
| Eastern redcedar | <i>Juniperus virginiana</i> | Switch grass | <i>Panicum virgatum</i> |
| Black cherry | <i>Prunus serotina</i> | Wavy hairgrass | <i>Deschampsia flexuosa</i> |
| Winged sumac | <i>Rhus copallinum</i> | Eightflowered six weeks grass | <i>Vulpia octoflora</i> |
| Bayberry | <i>Morella carolinensis</i> | Sea beach sedge | <i>Carex silicea</i> |
| Virginia creeper | <i>Parthenocissus quinquefolia</i> | | |
| Poison ivy | <i>Toxicodendron radicans</i> | | |

Shrublands: Deciduous: Bayberry/Beach Plum

- Tree cover up 25% canopy cover, shrub cover over 25%
- Coastal moraines
- Shrubland
 - Bayberry, *Morella caroliniensis*
 - Beach Plum, *Prunus maritima*
- Coastal Connecticut

Shrublands: Deciduous: Bayberry/Beach Plum

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------------|-------------------|------------------------------|
| Virginia creeper | <i>Parthenocissus quinquefolia</i> | Seaside goldenrod | <i>Solidago sempervirens</i> |
| Poison ivy | <i>Toxicodendron radicans</i> | Flattop goldenrod | <i>Euthamia graminifolia</i> |
| Virginia rose | <i>Rosa virginiana</i> | | |
| Northern dewberry | <i>Rubus flagellaris</i> | | |
| Winged sumac | <i>Rhus copallinum</i> | | |

Shrublands: Deciduous: Scrub oak

- Tree cover up 25% canopy cover, shrub cover over 25%
- Dry, shallow, acidic soils on dry summits
- Shrubland
 - Scrub oak, *Quercus ilicifolia*
- Dry summits throughout Connecticut

Shrublands: Deciduous: Scrub Oak

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|------------------|--------------------------------|
| Pitch pine | <i>Pinus rigida</i> | Sand cherry | <i>Prunus pumila</i> |
| White oak | <i>Quercus alba</i> | Bastard toadflax | <i>Comandra umbellata</i> |
| Pignut hickory | <i>Carya glabra</i> | Little bluestem | <i>Schizachyrium scoparium</i> |
| Lowbush blueberry | <i>Vaccinium angustifolium</i> | Poverty oakgrass | <i>Danthonia spicata</i> |
| Black huckleberry | <i>Gaylussacia baccata</i> | Sedges | <i>Carex spp.</i> |
| Black chokeberry | <i>Aronia melanocarpa</i> | | |

Shrublands: Deciduous: Scrub oak

- Tree cover up 25% canopy cover, shrub cover over 25%
- Dry, shallow, acidic soils on dry summits
- Shrubland
 - Scrub oak, *Quercus ilicifolia*
- Dry summits throughout Connecticut

Shrublands: Deciduous: Black Willow/Fall Panicgrass

- Tree cover up 25% canopy cover, shrub cover over 25%
- Along rivers between upland forest and floodplain forest
- Shrubland
 - Black Willow, *Salix nigra*
 - Fall Panicgrass, *Panicum dichotomiflorum*
- Along larger rivers

Shrublands: Deciduous:Black Willow/Fall Panicgrass

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------|--------------|--------------------|
| Smartweeds | <i>Polygonum spp.</i> | Beggar ticks | <i>Bidens spp.</i> |

Shrublands: Deciduous: Speckled Alder/Willows

- Tree cover up 25% canopy cover, shrub cover over 25%
- Along streams and open wetlands
- Shrubland
 - Speckled Alder, *Alnus incana* var. *rugosa*
 - Willows, *Salix* spp.
- Throughout Connecticut

Shrublands: Deciduous: Speckled Alder/Willows

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------------|------------------|------------------------------|
| Buttonbush | <i>Cephalanthus occidentalis</i> | Swamp azalea | <i>Rhododendron viscosum</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Red twig dogwood | <i>Swida sericea</i> |
| Sweet pepperbush | <i>Clethra alnifolia</i> | Swamp rose | <i>Rosa palustris</i> |
| Silky dogwood | <i>Swida amomum</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Meadowsweet | <i>Spirea alba</i> | Tussock sedge | <i>Carex stricta</i> |
| Steeplebush | <i>Spirea tomentosa</i> | Ditch stonecrop | <i>Penthorum sedoides</i> |

Shrublands: Deciduous: Highbush Blueberry/Swamp Azalea

- Tree cover up 25% canopy cover, shrub cover over 25%
- Wetland thickets in undrained depressions
- Shrubland
 - Highbush blueberry, *Vaccinium corymbosum*
 - Swamp azalea, *Rhododendron viscosum*
- Throughout Connecticut except for marble valleys

Shrublands: Deciduous: Highbush Blueberry/Swamp Azalea

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|---------------|------------------------|-----------------|---------------------------|
| Red maple | <i>Acer rubrum</i> | Royal fern | <i>Osmunda regalis</i> |
| Blackgum | <i>Nyssa sylvatica</i> | Cinnamon fern | <i>Osmunda cinnamomea</i> |
| Alders | <i>Alnus spp.</i> | Fowl mannagrass | <i>Glyceria striata</i> |
| Silky dogwood | <i>Swida amomum</i> | Water arum | <i>Calla palustris</i> |

Shrublands: Deciduous: Shrubby Cinquefoil/Bog Birch/Lakeside Sedge

- Tree cover up 25% canopy cover, shrub cover over 25%
- Alkaline soils with regular inundation
- Shrubland
 - Shrubby Cinquefoil, *Dasiphora floribunda*
 - Bog Birch, *Betula pumila*
 - Lakeside Sedge, *Carex lacustris*
- Western marble valleys

Shrublands: Deciduous: Shrubby Cinquefoil/Bog Birch/Lakeside Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------|---------------------------|---------------------------------|
| Red maple | <i>Acer rubrum</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Red twig dogwood | <i>Swida sericea</i> | Bluejoint | <i>Calamagrostis canadensis</i> |
| Willows | <i>Salix spp.</i> | Tufted yellow loosestrife | <i>Lysimachia thyrsiflora</i> |
| Cattails | <i>Typha spp.</i> | Water horsetail | <i>Equisetum fluviatile</i> |

Shrublands: Deciduous: Shrubby Cinquefoil/Sageleaf Willow/Silky Dogwood/Tussock Sedge

- Tree cover up 25% canopy cover, shrub cover over 25%
- Fen with alkaline soils
- Shrubland
 - Shrubby Cinquefoil, *Dasiphora floribunda*
 - Sageleaf Birch, *Salix candida*
 - Silky Dogwood, *Swida amomum*
 - Tussock Sedge, *Carex stricta*
- Western marble valleys

Shrublands: Deciduous: Shrubby Cinquefoil/Sageleaf Willow/Silky Dogwood/Tussock Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|------------------------|-------------------------------|
| Willows | <i>Salix spp.</i> | Spotted Joe Pye weed | <i>Eutrochium maculatum</i> |
| Red twig dogwood | <i>Swida sericea</i> | Roughleaf goldenrod | <i>Solidago patula</i> |
| Alder | <i>Alnus spp.</i> | Bog goldenrod | <i>Solidago uliginosa</i> |
| Poison sumac | <i>Toxicodendron vernix</i> | Nodding ladies tresses | <i>Spiranthes cernua</i> |
| Fen grass of Parnassas | <i>Parnassia glauca</i> | Spiked muhly | <i>Muhlenbergia glomerata</i> |

Shrublands: Deciduous: Shrubby Cinquefoil/Sweetgale/Woollyfruit Sedge

- Tree cover up 25% canopy cover, shrub cover over 25%
- Fen with alkaline soils
- Shrubland
 - Shrubby Cinquefoil, *Dasiphora floribunda*
 - Sweetgale, *Myrica gale*
 - Woollyfruit Sedge, *Carex lasiocarpa*
- Western marble valleys

Shrublands: Deciduous: Shrubby Cinquefoil/Sageleaf Willow/ Sweetgale/Woollyfruit Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------|------------------------|-------------------------------|
| Sageleaf willow | <i>Salix candida</i> | Flatleaved bladderwort | <i>Utricularia intermedia</i> |
| Red twig dogwood | <i>Swida sericea</i> | Creeping bladderwort | <i>Utricularia gibba</i> |
| Bog birch | <i>Betula pumila</i> | Buckbean | <i>Menyanthes trifoliata</i> |
| Alders | <i>Alnus spp.</i> | Pitcher plant | <i>Sarracenia purpurea</i> |
| Larch | <i>Larix laricina</i> | Mosses | |

Shrublands: Deciduous: Buttonbush/Rattlesnake Mannagrass

- Tree cover up 25% canopy cover, shrub cover over 25%
- Pond and lake borders, undrained depressions
- Shrubland
 - Buttonbush, *Cephalanthus occidentalis*
 - Rattlesnake Mannagrass, *Glyceria canadensis*
- Throughout Connecticut

Shrublands: Deciduous: Buttonbush/Rattlesnake Mannagrass

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|--------------------|-------------------------------|---------------|---------------------------|
| Swamp azalea | <i>Rhododendron viscosum</i> | Tussock sedge | <i>Carex stricta</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Woolgrass | <i>Scirpus cyperinus</i> |
| Threeway sedge | <i>Dulichium arundinaceum</i> | Marsh seedbox | <i>Ludwigia palustris</i> |

Shrublands: Deciduous: Swamp Loosestrife

- Tree cover up 25% canopy cover, shrub cover over 25%
- Wetland edges
- Shrubland
 - Swamp Loosestrife, *Decodon verticillatus*
- Throughout Connecticut

Shrublands: Deciduous: Swamp Loosestrife

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------------|------------------|-------------------------|
| Buttonbush | <i>Cephalanthus occidentalis</i> | White waterlily | Horn-leaved Riverweed |
| Pickerelweed | <i>Pontederia cordata</i> | Yellow pond lily | <i>Nuphar variegata</i> |
| Green arrow arum | <i>Peltandra virginica</i> | | |

Shrublands: Deciduous: Marsh Elder/Switchgrass

- Tree cover up 25% canopy cover, shrub cover over 25%
- Between high salt marsh and upland vegetation
- Shrubland
 - Marsh Elder, *Iva frutescens*
 - Switchgrass, *Panicum virgatum*
- Coastal Connecticut

Shrublands: Deciduous: Marsh Elder/Switchgrass

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|-------------------|---------------------------|
| Eastern false willow | <i>Baccharis halimifolia</i> | Prairie cordgrass | <i>Spartina pectinata</i> |
| Saltmeadow cordgrass | <i>Spartina patens</i> | Yellow pondlily | <i>Nuphar variegata</i> |
| Saltmeadow rush | <i>Juncus gerardii</i> | Seaside germander | <i>Teucrium canadense</i> |
| Vanilla grass | <i>Anthoxanthum nitens</i> | | |

Shrublands: Deciduous: Speckled Alder/Silky Dogwood/Winterberry

- Tree cover up 25% canopy cover, shrub cover over 25%
- Tidally flooded shrubland
- Shrubland
 - Speckled Alder, *Alnus incana var. rugosa*
 - Silky Dogwood, *Swida amomum*
 - Winterberry, *Ilex verticillata*
- Lower Connecticut River

Shrublands: Deciduous: Specked Alder/Silky Dogwood/Winterberry

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|----------------|----------------------------------|-------------|-------------------------------|
| Swamp rose | <i>Rosa palustris</i> | Poison ivy | <i>Toxicodendron radicans</i> |
| Red elderberry | <i>Sambucus racemosa</i> | Arrowwood | <i>Viburnum dentatum</i> |
| Buttonbush | <i>Cephalanthus occidentalis</i> | Meadowsweet | <i>Spirea alba</i> |

Dwarf Shrublands: Deciduous: False Beachheather

- Tree cover up 25% canopy cover, shrub cover over 25%
- Sand flats behind dunes
- Shrubland
 - False Beachheather, *Hudsonia tomentosa*
- Southeastern coastal Connecticut

Shrublands: Evergreen: False Beachheather

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|---------------------|--------------------------------|---------------------------------|------------------------------|
| American beachgrass | <i>Ammophila breviligulata</i> | Small flowered evening primrose | <i>Oenothera parviflora</i> |
| Beach sedge | <i>Carex silicea</i> | Coastal jointweed | <i>Polygonum articulatum</i> |

Shrublands: Mixed: Bearberry/Lowbush Blueberry

- Tree cover up 25% canopy cover, shrub cover over 25%
- Rock summits
- Shrubland
 - Bearberry, *Arctostaphylos uva-ursi*
 - Lowbush blueberry, *Vaccinium angustifolium*
- Traprock ridges

Shrublands: Mixed: Bearberry/Lowbush Blueberry

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|-------------------|----------------------------|
| Scrub oak | <i>Quercus ilicifolia</i> | Poverty oatgrass | <i>Danthonia spicata</i> |
| Gray birch | <i>Betula populifolia</i> | Black huckleberry | <i>Gaylussacia baccata</i> |
| Broomsedge bluestem | <i>Andropogon virginicus</i> | Silverrod | <i>Solidago bicolor</i> |

Shrublands: Evergreen: Leatherleaf/Black Spruce

- Tree cover up 25% canopy cover, shrub cover over 25%
- Low nutrient pond edges
- Shrubland
 - Leatherleaf, *Chamaedaphe calycuta*
 - Black Spruce, *Picea mariana*
- Northern Connecticut

Shrublands: Mixed: Leatherleaf/Black Spruce

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|-------------------|----------------------------|
| Small cranberry | <i>Vaccinium oxycoccus</i> | Pitcher plant | <i>Sarracenia purpurea</i> |
| Cranberry | <i>Vaccinium macrocarpon</i> | Yellow-eyed grass | <i>Xyris spp.</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Spoonleaf sundew | <i>Drosera intermedia</i> |

Shrublands: Evergreen: Leatherleaf/White Beaksedge

- Tree cover up 25% canopy cover, shrub cover over 25%
- Low nutrient pond edges and wet peat in kettle bogs
- Shrubland
 - Leatherleaf, *Chamaedaphe calycuta*
 - White Beaksedge, *Rhynchospora alba*
- Northern Connecticut

Shrublands: Mixed: Leatherleaf/White Beaksedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|-------------------|------------------------------|
| Small cranberry | <i>Rhododendron viscosum</i> | Pitcher plant | <i>Sarracenia purpurea</i> |
| Rhodora | <i>Rhododendron canadense</i> | Cranberry | <i>Vaccinium oxycoccus</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Tawny cottongrass | <i>Eriophorum virginicum</i> |
| Bog laurel | <i>Kalmia polifolia</i> | Billings sedge | <i>Carex billingsii</i> |
| Sheep laurel | <i>Kalmia angustifolia</i> | | |
| Dwarf huckleberry | <i>Gaylussaccia dumosa</i> | | |

Shrublands: Mixed: Leatherleaf/Marsh St Johnswort

- Tree cover up 25% canopy cover, shrub cover over 25%
- Basins and wet depressions
- Shrubland
 - Leatherleaf, *Chamaedaphe calycuta*
 - Marsh St Johnswort, *Triadenum virginicum*
- Northern and eastern Connecticut

Shrublands: Mixed: Leatherleaf/Marsh St Johnswort

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------|----------------|----------------------------|
| Sheep laurel | <i>Kalmia angustifolia</i> | Pitcher plant | <i>Sarracenia purpurea</i> |
| Woolly-fruited sedge | <i>Carex lasiocarpa</i> | Billings sedge | <i>Carex billingsii</i> |
| Mosses | | | |

Shrublands: Mixed: Leatherleaf/Swollen Beaked Sedge

- Tree cover up 25% canopy cover, shrub cover over 25%
- Basins and wet depressions
- Shrubland
 - Leatherleaf, *Chamaedaphe calycuta*
 - Swollen Beaked Sedge, *Carex utriculata*
- Northern and eastern Connecticut

Shrublands: Mixed: Leatherleaf/Swollen Beaked Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|-------------------|-------------------------------|
| Red maple | <i>Acer rubrum</i> | Meadowsweet | <i>Spirea alba</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Steeple bush | <i>Spirea tomentosa</i> |
| Swamp azalea | <i>Rhododendron viscosum</i> | Threeway sedge | <i>Dulichium arundinaceum</i> |
| Winterberry | <i>Ilex verticillata</i> | White beaksedge | <i>Rhynchospora alba</i> |
| Cranberry | <i>Vaccinium macrocarpon</i> | Tawny cottongrass | <i>Eriophorum virginicum</i> |
| Mosses | | | |

Shrublands: Mixed: Leatherleaf/Sweetgale/Meadowsweet

- Tree cover up 25% canopy cover, shrub cover over 25%
- Borders of acidic wetlands
- Shrubland
 - Leatherleaf, *Chamaedaphe calycuta*
 - Sweetgale: *Myrica gale*
 - Meadowsweet, *Spirea alba*
- Northeastern Connecticut

Shrublands: Mixed: Leatherleaf/Sweetgale/Meadowsweet

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|------------------|-------------------------------|
| Steeple bush | <i>Spirea tomentosa</i> | Canada rush | <i>Juncus canadense</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Steeple bush | <i>Spirea tomentosa</i> |
| Rhodora | <i>Rhododendron canadense</i> | Threeway sedge | <i>Dulichium arundinaceum</i> |
| Marsh St Johnswort | <i>Triadenum virginicum</i> | Sedges | <i>Carex spp.</i> |
| Royal fern | <i>Osmunda regalis</i> | Marsh cinquefoil | <i>Comarum palustre</i> |
| Mosses | | | |

Shrublands: Deciduous: Black Huckleberry

- Tree cover up 25% canopy cover, shrub cover over 25%
- Low nutrient pond edges and wet peat in kettle bogs
- Shrubland
 - Black Huckleberry, *Gaylussaccia baccata*
- Northern Connecticut

Shrublands: Deciduous: Black Huckleberry

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|------------------|------------------------------|------------------|-----------------------------|
| Sheep laurel | <i>Kalmia angustifolia</i> | Roundleaf sundew | <i>Drosera rotundifolia</i> |
| Leatherleaf | <i>Chamaedaphne calycuta</i> | Mosses | |
| Black chokeberry | <i>Aronia melanocarpa</i> | | |

Shrublands: Deciduous: Dwarf Huckleberry

- Tree cover up 25% canopy cover, shrub cover over 25%
- Low nutrient pond edges and wet peat in kettle bogs
- Shrubland
 - Black Huckleberry, *Gaylussaccia dumosa*
- Central Connecticut

Shrublands: Deciduous: Dwarf Huckleberry

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|--------------------|------------------------------|--------------------|------------------------------|
| Sheep laurel | <i>Kalmia angustifolia</i> | Swamp loosestrife | <i>Decodon verticillatus</i> |
| Leatherleaf | <i>Chamaedaphne calycuta</i> | Virginia chainfern | <i>Woodwardia virginica</i> |
| Swamp azalea | <i>Rhododendron viscosum</i> | Pitcher plant | <i>Sarracenia purpurea</i> |
| Highbush blueberry | <i>Vaccinium corymbosum</i> | Mosses | |
| Bog laurel | <i>Kalmia polifolia</i> | | |
| Green arrow arum | <i>Peltandra virginica</i> | | |

Herbaceous: Graminoid: Big Bluestem/Indian Grass

- Herbaceous cover of at least 25%; other cover less than 25%
- Dry, sandy alluvial terraces
- Herbaceous
 - Big Bluestem, *Andropogon gerardii*
 - Indian Grass, *Sorghastrum nutans*
- Central Connecticut

Herbaceous: Graminoid: Big Bluestem/Indian Grass

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|------------|--------------------|
| Switchgrass | <i>Panicum virgatum</i> | Rushes | <i>Juncus spp.</i> |
| Little bluestem | <i>Schizachyrium scoparium</i> | Asters | |
| Fall witchgrass | <i>Digitaria cognata</i> | Goldenrods | |

Herbaceous: Graminoid: Little Bluestem/Orangegrass

- Herbaceous cover of at least 25%; other cover less than 25%
- Dry, sandy outwash plains and hilltops
- Herbaceous
 - Little Bluestem, *Schizachyrium scoparium*
 - Orangegrass, *Hypericum gentianoides*
- Central and eastern Connecticut

Herbaceous: Graminoid: Little Bluestem/Orangegrass

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|--------------------|---------------------------------|----------------------|---------------------------|
| Forked bluecurls | <i>Trichostema dichotomum</i> | Wild indigo | <i>Baptisia tinctoria</i> |
| Poverty oatgrass | <i>Danthonia spicata</i> | Roundhead bushclover | <i>Lespedeza capitata</i> |
| Pennsylvania sedge | <i>Carex pensylvanica</i> | Evening primrose | <i>Oenothera biennis</i> |
| Parasol sedge | <i>Carex umbellata</i> | Haircap moss | <i>Polytrichum spp.</i> |
| Oldfield toadflax | <i>Nuttallanthus canadensis</i> | Lichens | <i>Cladonia spp.</i> |
| Common milkweed | <i>Asclepias syriaca</i> | | |

Herbaceous: Graminoid: Little Bluestem/Sand Cherry

- Herbaceous cover of at least 25%; other cover less than 25%
- Dry, open summits
- Herbaceous
 - Little Bluestem, *Schizachyrium scoparium*
 - Sand Cherry, *Prunus pumila*
- Bedrock summits throughout Connecticut

Herbaceous: Graminoid: Little Bluestem/Sand Cherry

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|--------------------|-------------------------------|------------------|-------------------------------|
| Meadowsweet | <i>Spiraea alba</i> | Tufted hairsedge | <i>Bulbostylis capillaris</i> |
| Orangegrass | <i>Hypericum gentianoides</i> | Haircap moss | <i>Polytrichum spp.</i> |
| Pennsylvania sedge | <i>Carex pensylvanica</i> | Lichens | <i>Cladonia spp.</i> |
| Poverty oatgrass | <i>Danthonia spicata</i> | | |

Herbaceous: Graminoid: Little Bluestem/Sideoats Grama

- Herbaceous cover of at least 25%; other cover less than 25%
- Exposed, dry marble bedrock
- Herbaceous
 - Little Bluestem, *Schizachyrium scoparium*
 - Sideoats, *Bouteloua curtipendula*
- Marble valleys

Herbaceous: Graminoid: Little Bluestem/ Sideoats Grama

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|----------------------------|-------------------------------|
| Hackberry | <i>Celtis occidentalis</i> | Michaux's sandplant | <i>Minuartia michauxii</i> |
| Alternatleaf dogwood | <i>Swida alternifolia</i> | Roundleaf ragwort | <i>Packera obovata</i> |
| Witch hazel | <i>Hamamelis virginiana</i> | White flattopped goldenrod | <i>Oligoneuron album</i> |
| Hoary mountainmint | <i>Pycnanthemum incanum</i> | Woodland sunflower | <i>Helianthus divaricatus</i> |
| Thimbleweed | <i>Anemone virginiana</i> | | |

Herbaceous: Graminoid: American Beachgrass

- Herbaceous cover of at least 25%; other cover less than 25%
- Coastal dunes
- Herbaceous
 - American Beachgrass, *Ammophila breviligulata*
- Coastal Connecticut

Herbaceous: Graminoid: American Beachgrass

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|---------------------|---------------------------|
| Beach pea | <i>Lathyrus japonicus</i> | American germander | <i>Teucrium canadense</i> |
| Seaside goldenrod | <i>Solidago sempervirens</i> | Bitter panicgrass | <i>Panicum amarum</i> |
| Beach pinweed | <i>Lechea maritima</i> | Saltwater cordgrass | <i>Spartina patens</i> |

Herbaceous: Graminoid: Switchgrass

- Herbaceous cover of at least 25%; other cover less than 25%
- Upland borders of salt marshes
- Herbaceous
 - Switchgrass, *Panicum virgatum*
- Coastal Connecticut

Herbaceous: Graminoid: Reed Canarygrass

- Herbaceous cover of at least 25%; other cover less than 25%
- Shallow marshes, pond shores, wet meadows
- Herbaceous
 - Reed canarygrass, *Phalaris arundinacea*¹
- Throughout Connecticut

¹ *Phalaris arundinacea* is on the Connecticut Invasive Plants list.

Herbaceous: Graminoid: Common Reed

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------|----------------------|----------------------------|
| Narrowleaf cattail | <i>Typha angustifolia</i> | Rosemallow | <i>Hibiscus moscheutos</i> |
| Switchgrass | <i>Panicum virgatum</i> | Climbing hempweed | <i>Mikania scandens</i> |
| Big cordgrass | <i>Solidago canadensis</i> | | |

Herbaceous: Graminoid: Common Reed¹

- Herbaceous cover of at least 25%; other cover less than 25%
- Tidal and nontidal herbaceous zones, shores, ditches
- Herbaceous
 - Common Reed, *Phragmites australis*¹
- Coastal Connecticut, scattered inland

¹ *Phragmites australis* is on the Connecticut Invasive Plants list.

Herbaceous: Graminoid: Switchgrass

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|---------------------|-------------------------------|-------------------|------------------------------|
| Saltwater cordgrass | <i>Spartina patens</i> | Rushes | <i>Juncus spp.</i> |
| Seaside goldenrod | <i>Solidago sempervirens</i> | Canada goldenrod | <i>Solidago canadensis</i> |
| Poison ivy | <i>Toxicodendron radicans</i> | Flattop goldenrod | <i>Euthamia graminifolia</i> |

Herbaceous: Graminoid: Big Bluestem/Scotch Bellflower

- Herbaceous cover of at least 25%; other cover less than 25%
- Riverside rock outcrops
- Herbaceous
 - Big Bluestem, *Andropogon gerardii*
 - Scotch Bellflower, *Campanula rotundifolia*
- Western Connecticut

Herbaceous: Graminoid: Big Bluestem/Scotch Bellflower

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-----------------|--------------------------------|----------------|---------------------------|
| Indian grass | <i>Sorghastrum nutans</i> | Gray goldenrod | <i>Solidago nemoralis</i> |
| Little bluestem | <i>Schizachyrium scoparium</i> | | |

Herbaceous: Graminoid: Bluejoint

- Herbaceous cover of at least 25%; other cover less than 25%
- Sandy pond basins
- Herbaceous
 - Bluejoint, *Calamagrostis canadensis*
- Central and eastern Connecticut

Herbaceous: Graminoid: Bluejoint

Major Canopy, Understory, and Herbaceous Plants

Bog white violet

Viola lanceolata

Drumheads

Polygala cruciata

Herbaceous: Graminoid: Twisted Sedge

- Herbaceous cover of at least 25%; other cover less than 25%
- Linear stands on banks of streams and rivers
- Herbaceous
 - Twisted Sedge, *Carex torta*
- Central and eastern Connecticut

Herbaceous: Graminoid: Twisted Sedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|--------------------------|-------------------------------|
| Verbena | <i>Verbena hastata</i> | Purplestemmed aster | <i>Symphotrichum puniceum</i> |
| Tall white aster | <i>Doellingeria umbellata</i> | Rough goldenrod | <i>Solidago rugosa</i> |
| Canada goldenrod | <i>Solidago canadensis</i> | Wood bulrush | <i>Scirpus expansus</i> |
| Woolgrass | <i>Scirpus cyperinus</i> | Field horsetail | <i>Equisetum arvense</i> |
| New York ironweed | <i>Vernonia noveboracensis</i> | Virginia water horehound | <i>Lycopus virginicus</i> |
| Marsh fern | <i>Thelypteris palustris</i> | Sensitive fern | <i>Onoclea sensibilis</i> |

Herbaceous: Graminoid: Tussock Sedge

- Herbaceous cover of at least 25%; other cover less than 25%
- Wet meadows
- Herbaceous
 - Tussock Sedge, *Carex stricta*
- Throughout Connecticut

Herbaceous: Graminoid: Tussock Sedge

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|--------------|---------------------------|------------|------------------------------|
| Jewelweed | <i>Impatiens capensis</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Thoroughwort | <i>Eupatorium spp.</i> | Bedstraw | <i>Gallium spp.</i> |

Herbaceous: Graminoid: Hairy Sedge/Cattail

- Herbaceous cover of at least 25%; other cover less than 25%
- Calcareous peat and/or muck
- Herbaceous
 - Hairy Sedge, *Carex lacustris*
 - Cattail, *Typha spp.*
- Western marble valleys

Herbaceous: Graminoid: Hairy Sedge/Cattail

Major Canopy, Understory, and Herbaceous Plants

Tussock sedge

Carex stricta

Marsh fern

Thelypteris palustris

Herbaceous: Graminoid: Woollyfruit Sedge/Water Sedge

- Herbaceous cover of at least 25%; other cover less than 25%
- Saturated calcareous peat and/or muck
- Herbaceous
 - Woollyfruit Sedge, *Carex lasiocarpus*
 - Water Sedge, *Carex aquatilis*
- Western marble valleys

Herbaceous: Graminoid: Woollyfruit Sedge/Water Sedge

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|--------------|-------------------------|-----------------|----------------------------|
| Cattail | <i>Typha spp.</i> | Sedges | <i>Carex spp.</i> |
| Bladderworts | <i>Utricularia spp.</i> | Smooth sawsedge | <i>Cladium mariscoides</i> |

Herbaceous: Graminoid: Woollyfruit Sedge/Leatherleaf

- Herbaceous cover of at least 25%; other cover less than 25%
- Acidic, saturated peats
- Herbaceous
 - Woollyfruit Sedge, *Carex lasiocarpus*
 - Leatherleaf, *Chamaedaphne calyculata*
- Northern and eastern Connecticut

Herbaceous: Graminoid: Woollyfruit Sedge/Leatherleaf

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|-----------------|----------------------------|
| Sweetgale | <i>Myrica gale</i> | Steeplebush | <i>Spiraea tomentosa</i> |
| Tussock sedge | <i>Carex stricta</i> | Smooth sawsedge | <i>Cladium mariscoides</i> |
| Cranberry | <i>Vaccinium macrocarpon</i> | Mosses | |

Herbaceous: Graminoid: Smooth Sawsedge/White Beaksedge

- Herbaceous cover of at least 25%; other cover less than 25%
- Acidic and calcareous peats with moss cover
- Herbaceous
 - Smooth Sawsedge, *Cladium mariscoides*
 - White Beaksedge, *Rhynchospora alba*
- Northwest marble valleys

Herbaceous: Graminoid: Woollyfruit Sedge/Leatherleaf

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------------|---------------|----------------------------|
| Woollyfruit sedge | <i>Carex lasiocarpa</i> | Sweetgale | <i>Myrica gale</i> |
| Leatherleaf | <i>Chamaedaphne calyculata</i> | Bog rosemary | <i>Andromeda polifolia</i> |
| Rose pogonia | <i>Pogonia ophioglossoides</i> | Pitcher plant | <i>Sarracenia purpurea</i> |
| Sundew | <i>Drosera rotundifolia</i> | Bladderworts | <i>Utricularia spp.</i> |
| Buckbean | <i>Menyanthes trifoliata</i> | Mosses | |

Herbaceous: Graminoid: Smooth Sawsedge/Spoonleaf Sundew/Beaked Spikerush

- Herbaceous cover of at least 25%; other cover less than 25%
- Interface of upland groundwater discharge and estuarine marsh
- Herbaceous
 - Smooth Sawsedge, *Cladium mariscoides*
 - Spoonleaf Sundew, *Drosera intermedia*
 - Beaked Spikerush, *Eleocharis rostellata*
- Southeastern coastal Connecticut

Herbaceous: Graminoid: Smooth Sawledge/Spoonleaf Sundew/Beaked Spikerush

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|-------------------|----------------------------------|
| Sedges | <i>Carex spp.</i> | New York aster | <i>Symphoricarpon novibelgii</i> |
| Spikerushes | <i>Eleocharis spp.</i> | Seaside goldenrod | <i>Solidago sempervirens</i> |
| Rushes | <i>Juncus spp.</i> | Bayberry | <i>Morella carolinensis</i> |
| Sundew | <i>Drosera rotundifolia</i> | Meadowsweet | <i>Spiraea alba</i> |
| Beaksedges | <i>Rhynchospora spp.</i> | Cranberry | <i>Vaccinium macrocarpon</i> |
| Bulrushes | <i>Schoenoplectus spp.</i> | | |

Herbaceous: Graminoid: Dioecious Sedge/Shrubby Cinquefoil

- Herbaceous cover of at least 25%; other cover less than 25%
- Calcareous soils with high water tables
- Herbaceous
 - Dioecious sedge, *Carex sterilis*
 - Shrubby Cinquefoil, *Dasiphora floribunda*
- Western marble valleys

Herbaceous: Graminoid: Dioecious Sedge/Shrubby Cinquefoil

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------|---------------|------------------------------|
| Autumn willow | <i>Salix serissima</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Currants | <i>Ribes spp.</i> | Horsetails | <i>Equisetum spp.</i> |
| Alderleaved buckthorn | <i>Rhamnus alnifolia</i> | Sedges | <i>Carex spp.</i> |
| Fen grass of Parnassus | <i>Parnassia glauca</i> | Bog goldenrod | <i>Solidago uliginosa</i> |
| Squarestem goldenrod | <i>Solidago patula</i> | Mosses | |

Herbaceous: Graminoid: Dioecious Sedge/Gray Dogwood

- Herbaceous cover of at least 25%; other cover less than 25%
- Calcareous groundwater discharge areas
- Herbaceous
 - Dioecious sedge, *Carex sterilis*
 - Gray Dogwood, *Swida racemosa*
- Western marble valleys

Herbaceous: Graminoid: Dioecious Sedge/Gray Dogwood

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------|--------------------|-------------------------------|
| Redtwig dogwood | <i>Swida sericea</i> | Highbush blueberry | <i>Vaccinium corymbosum</i> |
| Silky dogwood | <i>Swida amomum</i> | Spiked muhly | <i>Muhlenbergia glomerata</i> |
| Alderleaved buckthorn | <i>Rhamnus alnifolia</i> | Sedges | <i>Carex spp.</i> |
| Hairy gooseberry | <i>Ribes hirtellum</i> | Mosses | |
| Downy serviceberry | <i>Amalanchier arborea</i> | | |

Herbaceous: Graminoid: White Beaksedge/Sphagnum Moss

- Herbaceous cover of at least 25%; other cover less than 25%
- Pond margins and bog depressions
- Herbaceous
 - White Beaksedge, *Rhynchospora alba*
 - Sphagnum Moss, *Sphagnum cuspidatum*
- Northern Connecticut

Herbaceous: Graminoid: White Beaksedge/Sphagnum Moss

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------|--------------------|-------------------------------|
| Redtwig dogwood | <i>Swida sericea</i> | Highbush blueberry | <i>Vaccinium corymbosum</i> |
| Silky dogwood | <i>Swida amomum</i> | Spiked muhly | <i>Muhlenbergia glomerata</i> |
| Alderleaved buckthorn | <i>Rhamnus alnifolia</i> | Sedges | <i>Carex spp.</i> |
| Hairy gooseberry | <i>Ribes hirtellum</i> | Mosses | |
| Downy serviceberry | <i>Amalanchier arborea</i> | | |

Herbaceous: Graminoid: Broadleaf Cattail

- Herbaceous cover of at least 25%; other cover less than 25%
- Shallow ponds, lakeshores, and marshes
- Herbaceous
 - Broadleaf Cattail, *Typha latifolia*
- Throughout Connecticut

Herbaceous: Graminoid: Broadleaf Cattail

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|---------------------|------------|------------------------------|
| Sedges | <i>Carex spp.</i> | Bulrushes | <i>Scirpus spp.</i> |
| Rushes | <i>Juncus spp.</i> | Marsh fern | <i>Thelypteris palustris</i> |
| Bulrushes | <i>Scirpus spp.</i> | | |

Herbaceous: Graminoid: Threeway Sedge/Sphagnum Moss

- Herbaceous cover of at least 25%; other cover less than 25%
- Saturated pond and bog shores
- Herbaceous
 - Threeway Sedge, *Dulichium arundinaceum*
 - Sphagnum moss, *Sphagnum spp.*
- Northern and Eastern Connecticut

Herbaceous: Graminoid: Broadleaf Cattail Threeway Sedge/Sphagnum Moss

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|--------------------------|----------------------|-------------------------|
| Meadowbeauty | <i>Rhexia virginica</i> | Swollen beaked sedge | <i>Carex utriculata</i> |
| Tussock sedge | <i>Carex stricta</i> | Hoary sedge | <i>Carex canescens</i> |
| Woollyfruit Sedge | <i>Carex lasiocarpa</i> | Beggarticks | <i>Bidens spp.</i> |
| Brownfruit rush | <i>Juncus pelocarpus</i> | Mosses | <i>Sphagnum spp.</i> |

Herbaceous: Graminoid: Threeway Sedge/Swamp Candles

- Herbaceous cover of at least 25%; other cover less than 25%
- Sandy pondshores and basins
- Herbaceous
 - Threeway Sedge, *Dulichium arundinaceum*
 - Swamp Candles, *Lysimachia terrestris*
- Central and Eastern Connecticut

Herbaceous: Graminoid: Broadleaf Cattail Threeway Sedge/Swamp Candles

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|------------------------------|--------------------------|-----------------------------|
| Meadowbeauty | <i>Rhexia virginica</i> | Slender goldentop | <i>Euthamia caroliniana</i> |
| Big Muhly | <i>Muhlenbergia uniflora</i> | Northern water horehound | <i>Lycopus uniflorus</i> |
| Golden hedgehyssop | <i>Gratiola aurea</i> | Bog white violet | <i>Viola lanceolata</i> |
| Brownfruit rush | <i>Juncus pelocarpus</i> | | |

Herbaceous: Graminoid: Hard-stemmed Club-bulrush

- Herbaceous cover of at least 25%; other cover less than 25%
- Shallow standing water along calcareous lakes and ponds
- Herbaceous
 - Hard-stemmed club-bulrush, *Schoenoplectus acutus*
- Western marble valleys

Herbaceous: Graminoid:Hard-stemmed Club-bulrush

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|---------------------------|---------------------------------------|
| Woollyfruit Sedge | <i>Carex lasiocarpa</i> | Soft-stemmed club-bulrush | <i>Schoenoplectus tabernaemontani</i> |
| Narrowleaved Cattail | <i>Typha angustifolia</i> | Beck's beggartick | <i>Bidens beckii</i> |
| Lesser bladderwort | <i>Utricularia minor</i> | | |
| Flatleaved bladderwort | <i>Utricularia intermedia</i> | | |

Herbaceous: Graminoid: Smooth Cordgrass

- Herbaceous cover of at least 25%; other cover less than 25%
- Salt marsh low marsh areas and creek borders
- Herbaceous
 - Smooth Cordgrass, *Spartina alterniflora*
- Coastal Connecticut

Herbaceous: Graminoid: Smooth Cordgrass

Major Canopy, Understory, and Herbaceous Plants

Canada sandspurry

Spergularia canadensis

Saltmarsh
sandspurry

Spergularia marina

Herbaceous: Graminoid: Smooth Cordgrass/Eastern Grasswort

- Herbaceous cover of at least 25%; other cover less than 25%
- Low saltmarsh brackish areas
- Herbaceous
 - Smooth Cordgrass, *Spartina alterniflora*
 - Eastern Grasswort, *Lilaeopsis chinensis*
- Coastal Connecticut

Herbaceous: Graminoid: Smooth Cordgrass/Eastern Grasswort

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-----------|----------------------------|---------------|------------------------------|
| Spikerush | <i>Eleocharis parvula</i> | Big cordgrass | <i>Spartina cynosuroides</i> |
| Mudwort | <i>Limosella australis</i> | | |

Herbaceous: Graminoid: Three-square Club-bulrush/Sea-coast Tuber-bulrush

- Herbaceous cover of at least 25%; other cover less than 25%
- Midtidal brackish saltmarsh brackish borders
- Herbaceous
 - Three-square Club-bulrush, *Schoenoplectus pungens*
 - Sea-coast Tuber-bulrush, *Schoenoplectus robustus*
- Major tidal rivers

Herbaceous: Graminoid: Three-square Club-bulrush/Sea-coast Tuber-bulrush

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|---------------------------------------|---------------------|------------------------------|
| Little-headed spikerush | <i>Eleocharis parvula</i> | Smooth cordgrass | <i>Spartina alterniflora</i> |
| Wild rice | <i>Zizania aquatica</i> | Prairie cordgrass | <i>Spartina pectinata</i> |
| Dotted smartweed | <i>Persicaria punctata</i> | Saltmarsh waterhemp | <i>Amaranthus cannabinus</i> |
| Soft-stemmed club-bulrush | <i>Schoenoplectus tabernaemontani</i> | Smooth beggartick | <i>Bidens laevis</i> |
| Water parsnip | <i>Sium suave</i> | | |

Herbaceous: Graminoid: Three-square Club-bulrush/Arrowhead

- Herbaceous cover of at least 25%; other cover less than 25%
- Shorelines of tidal rivers
- Herbaceous
 - Three-square Club-bulrush, *Schoenoplectus pungens*
 - Arrowhead, *Sagittaria spp.*
- Major tidal rivers

Herbaceous: Graminoid: Three-square Club-bulrush/Arrowhead

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-----------------------------|----------------------|----------------------------|
| Common arrowhead | <i>Sagittaria latifolia</i> | Awl-leaved arrowhead | <i>Sagittaria subulata</i> |
| Sessile-fruited arrowhead | <i>Sagittaria rigida</i> | | |

Herbaceous: Graminoid: Wild Rice/Pickerelweed

- Herbaceous cover of at least 25%; other cover less than 25%
- Lower/midtidal flats of fresh and brackish water
- Herbaceous
 - Wild Rice, *Zizania aquatica*
 - Pickerelweed, *Pontederia cordata*
- Major tidal rivers

Herbaceous: Graminoid: Wild Rice/Pickerelweed

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|----------------------|----------------------------|
| Common arrowhead | <i>Sagittaria latifolia</i> | Awl-leaved arrowhead | <i>Sagittaria subulata</i> |
| Sessile-fruited arrowhead | <i>Sagittaria rigida</i> | Green arrow arum | <i>Peltandra virginica</i> |
| Three-square Club-bulrush | <i>Schoenoplectus pungens</i> | Marsh seedbox | <i>Ludwigia palustris</i> |
| Yellow-seeded false pimpernel | <i>Lindernia dubia</i> | Golden-club | <i>Orontium aquaticum</i> |
| Torrey's club-bulrush | <i>Schoenoplectus torreyi</i> | | |

Herbaceous: Graminoid: Narrowleaf Cattail/Rosemallow

- Herbaceous cover of at least 25%; other cover less than 25%
- Brackish tidal marsh
- Herbaceous
 - Narrowleaf cattail, *Typha angustifolia*
 - Rosemallow, *Hibiscus moscheutos*
- Major tidal rivers

Herbaceous: Graminoid: Narrowleaf Cattail/Rosemallow

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-------------------|-------------------------|-------------------|------------------------------|
| Broadleaf cattail | <i>Typha latifolia</i> | Big cordgrass | <i>Spartina cynosuroides</i> |
| Switch grass | <i>Panicum virgatum</i> | Climbing hempvine | <i>Mikania scandens</i> |

Herbaceous: Graminoid: Sweetflag¹

- Herbaceous cover of at least 25%; other cover less than 25%
- Midtidal marsh
- Herbaceous
 - Single-veined Sweetflag, *Acorus calamus*
- Major tidal rivers

¹*Acorus calamus* is not native to Connecticut

Herbaceous: Graminoid: Sweetflag

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|---------------------------------------|---------------------|----------------------------------|
| Threeway sedge | <i>Dulichium arundinaceum</i> | Devil's beggartick | <i>Bidens frondosa</i> |
| Switch grass | <i>Panicum virgatum</i> | Climbing hempvine | <i>Mikania scandens</i> |
| Tussock sedge | <i>Carex stricta</i> | Water horsetail | <i>Equisetum fluviatile</i> |
| Jewelweed | <i>Impatiens capensis</i> | Dotted smartweed | <i>Persicaria punctata</i> |
| Swamp dock | <i>Rumex verticillatus</i> | Great bur-reed | <i>Sparganium eurycarpum</i> |
| Rice cut grass | <i>Leersia oryzoides</i> | Woolgrass | <i>Scirpus cyperinus</i> |
| Soft-stemmed club-bulrush | <i>Schoenoplectus tabernaemontani</i> | River tuber-bulrush | <i>Bolboschoenus fluviatilis</i> |

Herbaceous: Graminoid: River Tuber-bulrush

- Herbaceous cover of at least 25%; other cover less than 25%
- Tidally-flooded and non-tidally flooded marshes and creeks
- Herbaceous
 - River tuber-bulrush, *Bolboschoenus fluviatilis*
- Major tidal rivers

Herbaceous: Graminoid: River Tuber-bulrush

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|----------------|----------------------------|------------------|-----------------------------|
| Arrow arum | <i>Peltandra virginica</i> | Tussock sedge | <i>Carex stricta</i> |
| Rice cut grass | <i>Leersia oryzoides</i> | Water horsetail | <i>Equisetum fluviatile</i> |
| Tussock sedge | <i>Carex stricta</i> | Dotted smartweed | <i>Persicaria punctata</i> |

Herbaceous: Graminoid: Lakeside Sedge/Canada Wildrye/Bluejoint

- Herbaceous cover of at least 25%; other cover less than 25%
- Tidal marshes
- Herbaceous
 - Lakeside Sedge, *Carex lacustris*
 - Bluejoint, *Calamagrostis canadensis*
 - Canada Wildrye, *Elymus canadensis*
- Major tidal rivers

Herbaceous: Graminoid: Lakeside Sedge/Canada Wildrye/Bluejoint

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|----------------------|--------------------------------|------------------------|------------------------------|
| Giant ragweed | <i>Ambrosia trifida</i> | Wild mint | <i>Mentha arvensis</i> |
| New York ironweed | <i>Vernonia noveboracensis</i> | Purplestem angelica | <i>Angelica atropurpurea</i> |
| Boneset thoroughwort | <i>Eupatorium perfoliatum</i> | | |

Herbaceous: Graminoid: Saltmeadow Cordgrass/Saltgrass

- Herbaceous cover of at least 25%; other cover less than 25%
- High saltmarsh
- Herbaceous
 - Saltmeadow cordgrass, *Spartina patens*
 - Saltgrass, *Distichlis spicata*
- Coastal Connecticut

Herbaceous: Graminoid: Saltmeadow Cordgrass/Creeping Bentgrass¹

- Herbaceous cover of at least 25%; other cover less than 25%
- Brackish meadows
- Herbaceous
 - Saltmeadow cordgrass, *Spartina patens*
 - Saltgrass, *Distichlis spicata*
 - Creeping Bentgrass, *Agrostis stolonifera*
- Lower Connecticut River

¹*Agrostis stolonifera* is not native to Connecticut

Herbaceous: Graminoid: Saltmeadow Cordgrass/Creeping Bentgrass

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|--------------------------------|--------------------------------------|
| Blackgrass | <i>Juncus gerardii</i> | Seaside goldenrod | <i>Solidago sempervirens</i> |
| Saltmarsh arrow-grass | <i>Triglochin maritima</i> | Silverweed | <i>Argentina anserina</i> |
| Marsh straw sedge | <i>Carex hormathodes</i> | Red fescue | <i>Festuca rubra</i> |
| Spikerush | <i>Eleocharis palustris</i> | Atlantic mock bishop weed | <i>Ptilimnium capillaceum</i> |
| Three-square Club- bulrush | <i>Schoenoplectus pungens</i> | Chair-maker's club- bulrush | <i>Schoenoplectus americanus</i> |

Herbaceous: Forb: Seaside Threawn/Field Wormwood

- Herbaceous cover of about 50%
- Inner coastal dunes
- Herbaceous
 - Seaside Threawn, *Aristida tuberculosa*
 - Field Wormwood, *Artemisia campestris var caudata*
- Coastal Fairfield county (rare)

Herbaceous: Forb: Seaside Threawn/Field Wormwood

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|---------------------------------|------------------------------|
| New England blazing star | <i>Liatris novae-angliae</i> | Seaside goldenrod | <i>Solidago sempervirens</i> |
| Beach pinweed | <i>Lechea maritima</i> | Eastern prickly pear | <i>Opuntia humifusa</i> |
| Saltmeadow cordgrass | <i>Spartina patens</i> | Beach sedge | <i>Carex silicea</i> |
| Purple lovegrass | <i>Eragrostis spectabilis</i> | Small-flowered evening primrose | <i>Oenothera parviflora</i> |
| Gray's flatsedge | <i>Cyperinus grayi</i> | Purple sandgrass | <i>Triplasis purpurea</i> |
| Forked bluecurls | <i>Trichostema dichotoma</i> | | |

Herbaceous: Forb: Golden Saxifrage

- Herbaceous cover of about 50%
- Groundwater seeps
- Herbaceous
 - Seaside Threawn, *Chrysosplenium americanum*
- Throughout Connecticut

Herbaceous: Forb: Golden Saxifrage

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|-------------------------------|---------------------------------|--------------------------|
| Pennsylvania bitter- cress | <i>Cardamine pensylvanica</i> | Small enchanter's nightshade | <i>Circaea alpina</i> |
| Marsh blue violet | <i>Viola cucullata</i> | White turtlehead | <i>Chelone glabra</i> |
| Fowl manna grass | <i>Glyceria striata</i> | Sweet wood-reed | <i>Cinna arundinacea</i> |
| Jewelweed | <i>Impatiens capensis</i> | Eastern rough sedge | <i>Carex scabrata</i> |
| Allegheny monkey flower | <i>Mimulus ringens</i> | | |

Herbaceous: Forb: Green Arrow Arum/Lizard's Tail

- Herbaceous cover of about 50%
- Depressions and swales adjacent to streams and floodplains
- Herbaceous
 - Green Arrow Arum, *Peltandra virginica*
 - Lizard's Tail, *Saururus cernuus*
- Fairfield County (rare)

Herbaceous: Forb: Green Arrow Arum/Lizard's Tail

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------|---------------------------------|---------------------------------------|
| Pickerelweed | <i>Pontedaria cordata</i> | Royal fern | <i>Osmunda regalis</i> |
| Water smart weed | <i>Persicaria amphibia</i> | False water-pepper smartweed | <i>Persicaria hydropiperoides</i> |
| Fringed sedge | <i>Carex crinita</i> | Hop sedge | <i>Carex lupulina</i> |
| Water shield | <i>Brasenia schreberi</i> | White water shield | <i>Nymphaea odorata</i> |

Herbaceous: Forb: Pickerelweed/Green Arrow Arum

- Herbaceous cover of about 50%
- Shallow water along rivers, ponds, lakes, and impoundments
- Herbaceous
 - Pickerelweed, *Pontederia cordata*
 - Green Arrow Arum, *Peltandra virginica*
- Throughout Connecticut

Herbaceous: Forb: Pickerelweed/Green Arrow Arum

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|---------------------------------------|------------------------------|-----------------------------------|
| Soft stemmed club-bulrush | <i>Schoenoplectus tabernaemontani</i> | Three-square club-bulrush | <i>Schoenoplectus pungens</i> |
| River tuber-bulrush | <i>Bolboschoenus fluviatilis</i> | Rice cutgrass | <i>Leersia oryzoides</i> |
| Broadleaf arrowhead | <i>Sagittaria latifolia</i> | Wildrice | <i>Zizania aquatica</i> |
| White water shield | <i>Nymphaea odorata</i> | Yellow pond lily | <i>Nuphar variegata</i> |
| Bur-reeds | <i>Sparganium spp.</i> | False water-pepper smartweed | <i>Persicaria hydropiperoides</i> |
| Water shield | <i>Brasenia schreberi</i> | Dotted smartweed | <i>Persicaria punctata</i> |

Herbaceous: Forb: Meadowbeauty/Golden Hedgehyssop

- Herbaceous cover of about 50%
- Ponds with coastal plain flora
- Herbaceous
 - Meadowbeauty, *Rhexia virginica*
 - Golden Hedgehyssop, *Gratiola aurea*
- Central and eastern Connecticut

Herbaceous: Forb: Meadowbeauty/Golden Hedgehyssop

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-------------------------------|--------------------------|-----------------------|------------------------------|
| Yellow-seeded false pimpernel | <i>Lindernia dubia</i> | Spoonleaf sundew | <i>Drosera intermedia</i> |
| Brownfruit rush | <i>Juncus pelocarpus</i> | Bog yellow-eyed grass | <i>Xyris difformis</i> |
| Bog white violet | <i>Viola lanceolata</i> | Yellow spikesedge | <i>Eleocharis flavescens</i> |

Herbaceous: Forb: Meadowbeauty/Panicgrass

- Herbaceous cover of about 50%
- Seasonally flooded pondshores and lakeshores
- Herbaceous
 - Meadowbeauty, *Rhexia virginica*
 - Panicgrass, *Panicum spp.*
- Central and eastern Connecticut

Herbaceous: Forb: Meadowbeauty/Panicgrass

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|----------------------------|---------------------------------|----------------------|----------------------------------|
| Bluejoint | <i>Calamagrostis canadensis</i> | Pointed broom sedge | <i>Carex scoparia</i> |
| Slender fimbry | <i>Fimbristylis autumnalis</i> | Tall beaksedge | <i>Rhynchospora macrostachya</i> |
| Woolgrass | <i>Scirpus cyperinus</i> | Smooth sawsedge | <i>Scirpus cyperinus</i> |
| Rushes | <i>Juncus spp.</i> | Marsh seedbox | <i>Ludwigia palustris</i> |
| Purple agalinis | <i>Agalinis purpurea</i> | Threeway sedge | <i>Dulichium arundinaceum</i> |
| Blunt spikerush | <i>Eleocharis obtusa</i> | Common spikesedge | <i>Eleocharis palutstris</i> |
| Boneset thoroughwort | <i>Eupatorium perfoliatum</i> | Slender goldentop | <i>Euthamia tenuifolia</i> |
| Northern St Johnswort | <i>Hypericum boreale</i> | Toothcup | <i>Rotala ramosior</i> |
| Hyssop-leaved hedge-nettle | <i>Stachys hyssopifolia</i> | Marsh St Johnswort | <i>Triadenum virginicum</i> |
| Bog white violet | <i>Viola lanceolata</i> | Bog yelloweyed grass | <i>Xyris difformis</i> |

Herbaceous: Forb: Sevenangle Pipewort/Water Lobelia

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|------------|-------------------------|----------------|-------------------------|
| Quillworts | <i>Isoetes spp.</i> | Bladderworts | <i>Utricularia spp.</i> |
| Pondweeds | <i>Potamogeton spp.</i> | Water starwort | <i>Callitriche spp.</i> |

Herbaceous: Forb: Green Arrow Arum/Strawcolored Flatsedge

- Herbaceous cover of about 50%
- Floodplain marsh
- Herbaceous
 - Green Arrow Arum, *Peltandra virginica*
 - Strawcolored Flatsedge, *Cyperus strigosus*
- Major tidal rivers

Herbaceous: Forb: Green Arrow Arum/Strawcolored Flatsedge

| Major Canopy, Understory, and Herbaceous Plants | | | |
|---|----------------------------------|----------------------------------|---------------------------|
| Broadleaf arrowhead | <i>Sagittaria latifolia</i> | Pickernelweed | <i>Pontederia cordata</i> |
| Rice cutgrass | <i>Leersia orzyoides</i> | Yellow-seeded false pimpernel | <i>Lindernia dubia</i> |
| Marsh seedbox | <i>Ludwigia palustris</i> | Narrowleaf cattail | <i>Typha angustifolia</i> |
| River tuber-bulrush | <i>Bolboschoenus fluviatilis</i> | Sweetflag | <i>Acorus calamus</i> |
| Tussock sedge | <i>Carex stricta</i> | Rice cutgrass | <i>Leersia oryzoides</i> |
| Blueflag iris | <i>Iris versicolor</i> | Devils beggartick | <i>Bidens frondosa</i> |

Herbaceous: Forb: Tidal Marsh Amaranth

- Herbaceous cover of about 50%
- Sandy, brackish intertidal water
- Herbaceous
 - Tidal Marsh Amaranth, *Amaranthus cannabinus*
- Lower Connecticut River

Herbaceous: Forb: Tidal Marsh Amaranth

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|------------|-------------------------|---------------------------|------------------------------|
| Arrowheads | <i>Sagittaria spp.</i> | Beggarticks | <i>Bidens spp.</i> |
| Wild rice | <i>Zizania aquatica</i> | Three-square club-bulrush | <i>Shoenoplectus pungens</i> |

Herbaceous: Forb: Sensitive Fern

- Herbaceous cover of about 50%
- Fresh water tidal marshes
- Herbaceous
 - Sensitive Fern, *Onoclea sensibilis*
- Major tidal rivers

Herbaceous: Forb: Sensitive Fern

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|--------------------------|----------------------------------|-------------------------------|-----------------------------|
| Broadleaf arrowhead | <i>Sagittaria latifolia</i> | Pickernelweed | <i>Pontederia cordata</i> |
| Rice cutgrass | <i>Leersia orzyoides</i> | Yellow-seeded false pimpernel | <i>Lindernia dubia</i> |
| Marsh seedbox | <i>Ludwigia palustris</i> | Cattails | <i>Typhas spp.</i> |
| River tuber-bulrush | <i>Bolboschoenus fluviatilis</i> | Sweetflag | <i>Acorus calamus</i> |
| Tussock sedge | <i>Carex stricta</i> | Rice cutgrass | <i>Leersia oryzoides</i> |
| Blueflag iris | <i>Iris versicolor</i> | Devils beggartick | <i>Bidens frondosa</i> |
| Marsh fern | <i>Thelypteris palustris</i> | Groundnut | <i>Apios americana</i> |
| Clearweed | <i>Pilea pumila</i> | arrow-leaved tearthumb | <i>Persicaria sagittata</i> |
| halberd-leaved smartweed | <i>Persicaria arifolia</i> | Water horehound | <i>Lycopus americanus</i> |
| Royal fern | <i>Osmunda regalis</i> | Joe Pye weed | <i>Eutrochium dubium</i> |
| Hedge false bindweed | <i>Calystegia sepium</i> | Smallspike false nettle | <i>Calystegia sepium</i> |

Herbaceous: Forb: Awlleaf Arrowhead/Horned Pondweed

- Herbaceous cover of about 50%
- Tidal flat shores
- Herbaceous
 - Awlleaf Arrowhead, *Sagittaria subulata*
 - Horned Pondweed, *Zannichellia palustris*
- Major tidal rivers

Herbaceous: Forb: Awlleaf Arrowhead/Horned Pondweed

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-------------------|-----------------------------|----------------------|---------------------------------|
| Arrowheads | <i>Sagittaria spatulata</i> | Spongyleaf arrowhead | <i>Sagittaria montevidensis</i> |
| Eastern grasswort | <i>Lilaeopsis chinensis</i> | Spikerush | <i>Eleocharis parvula</i> |

Herbaceous: Forb: Parker's Pipewort/Dotted Smartweed

- Herbaceous cover of about 50%
- Freshwater tidal wetlands exposed during low tide
- Herbaceous
 - Parker's Pipewort, *Eriocaulon parkeri*
 - Dotted Smartweed, *Persicaria punctata*
- Freshwater tidal flats at or near head of tide

Herbaceous: Forb: Parker's Pipewort/Dotted Smartweed

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|--------------------|--------------------------|---------------|---------------------------|
| Golden hedgehyssop | <i>Gratiola aurea</i> | Marsh seedbox | <i>Ludwigia palustris</i> |
| Rice cutgrass | <i>Leersia oryzoides</i> | Quillwort | <i>Isoetes spp.</i> |
| Beggarticks | <i>Bidens spp.</i> | | |

Herbaceous: Forb: Parker's Pipewort/Dwarf St Johnswort

- Herbaceous cover of about 50%
- Freshwater tidal wetlands exposed during low tide
- Herbaceous
 - Parker's Pipewort, *Eriocaulon parkeri*
 - Dwarf St Johnswort, *Hypericum mutilum*
- Freshwater tidal flats at or near head of tide

Herbaceous: Forb: Parker's Pipewort/ Parker's Pipewort/Dwarf St Johnswort

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-----------------------|------------------------------|--------------------|--------------------------|
| Carolina sea lavender | <i>Limonium carolinianum</i> | Saltmarsh plantain | <i>Plantago maritima</i> |
| Herbaceous seablite | <i>Suaeda maritima</i> | Saltmarsh agalinis | <i>Agalinis maritima</i> |

Herbaceous: Forb: Sea Glasswort/Smooth Cordgrass

- Herbaceous cover of about 50%
- Pannes in saltmarshes
- Herbaceous
 - Sea Glasswort, *Salicornia maritima*
 - Smooth Cordgrass, *Spartina alterniflora*
- Coastal Connecticut

Herbaceous: Forb: Sea Glasswort/Smooth Cordgrass

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|----------------------|-------------------------------|---------------|---------------------------|
| Golden hedgehyssop | <i>Gratiola aurea</i> | Marsh seedbox | <i>Ludwigia palustris</i> |
| Boneset thoroughwort | <i>Eupatorium perfoliatum</i> | Sneezeweed | <i>Helenium autumnale</i> |
| Eaton's beggartick | <i>Bidens eatonii</i> | | |

Herbaceous: Forb: Common Glasswort

- Herbaceous cover of about 50%
- Bay side of coastal barriers adjacent to tidal lagoons
- Herbaceous
 - Common Glasswort, *Salicornia depressa*
- Coastal Connecticut

Herbaceous: Forb: Common Glasswort

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|------------------|------------------------------|----------------------|------------------------|
| Smooth cordgrass | <i>Spartina alterniflora</i> | Saltmeadow cordgrass | <i>Spartina patens</i> |
| Sea lavender | <i>Limonium carolinianum</i> | | |

Herbaceous: Forb: American Searocket/Lambsquarters

- Herbaceous cover of about 50%
- Wrack line on beach
- Herbaceous
 - American Searocket, *Cakile edentula*
 - Lambsquarters, *Chenopodium album*
- Coastal Connecticut

Herbaceous: Forb: American Searocket/Lambsquarters

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|---------------------|--------------------------------|-------------------|----------------------------|
| Pitseeded goosefoot | <i>Chenopodium berlandieri</i> | Spearscale orache | <i>Atriplex patula</i> |
| Saltwort | <i>Salsola kali</i> | Seaside sandwort | <i>Honckenia peploides</i> |
| Scotch lovage | <i>Ligusticum scoticum</i> | Seacoast angelica | <i>Angelica lucida</i> |

Herbaceous: Forb: Horn-leaved Riverweed

- Herbaceous cover of about 50%
- Rapidly flowing, clear waters of rivers and streams with gravelly substrate
- Herbaceous
 - Horn-leaved Riverweed, *Podostemum ceratophyllum*
- Clear streams in eastern and western Connecticut

Herbaceous: Forb: Horn-leaved Riverweed

Major Canopy, Understory, and Herbaceous Plants

Canadian waterweed

Elodea canadensis

Pondweeds

Potamogeton spp.

Herbaceous: Forb: Yellow Pond Lily/White Waterlily

- Herbaceous cover of about 50%
- Surfaces of shallow lakes and ponds
- Herbaceous
 - Yellow Pondlily, *Nuphar variegata*
 - White Waterlily, *Nymphaea odorata*
- Throughout Connecticut

Herbaceous: Forb: Yellow Pond Lily/White Waterlily

Major Canopy, Understory, and Herbaceous Plants

Ribbonleaf pondweed

Potamogeton epihydrus

Little floatingheart

Nymphoides cordata

Herbaceous: Forb: Coontail/Canadian Waterweed

- Herbaceous cover of about 50%
- Shallow fresh, brackish and alkaline waters
- Herbaceous
 - Coontail, *Ceratophyllum demersum*
- Throughout Connecticut

Herbaceous: Forb: Coontail/Canadian Waterweed

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-----------|-----------------------------|------------------------|------------------------------|
| Pondweeds | <i>Potamogeton spp.</i> | Eurasian water milfoil | <i>Myriophyllum spicatum</i> |
| Eelgrass | <i>Valisneria americana</i> | | |

Herbaceous: Forb: Eelgrass

- Herbaceous cover of about 50%
- Fresh and brackish tidal rivers
- Herbaceous
 - Eelgrass, *Valisneria americana*
 - Canadian Waterweed, *Elodea canadensis*
- Rivers, lakes, and ponds

Herbaceous: Forb: Eelgrass

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-----------|-------------------------------|---------------------------|------------------------------|
| Pondweeds | <i>Potamogeton spp.</i> | Eurasian water milfoil | <i>Myriophyllum spicatum</i> |
| Coontail | <i>Ceratophyllum demersum</i> | Canadian waterweed | <i>Elodea canadensis</i> |

Herbaceous: Forb: Horned Pondweed

- Herbaceous cover of about 50%
- Brackish water coves and creeks
- Herbaceous
 - Horned Pondweed, *Zannichellia palustris*
- Lower Connecticut River

Herbaceous: Forb: Horned Pondweed

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|------------------------|--------------------------------|--------------------|--------------------------|
| Clasping leaf pondweed | <i>Potamogeton perfoliatus</i> | Canadian waterweed | <i>Elodea canadensis</i> |
| Coontail | <i>Ceratophyllum demersum</i> | | |

Herbaceous: Forb: Widgeongrass

- Herbaceous cover of about 50%
- Brackish tidal creeks, pools, and coves
- Herbaceous
 - Widgeongrass, *Ruppia maritima*
- Coastal Connecticut

Herbaceous: Forb: Eelgrass

- Herbaceous cover of about 50%
- Coastal shorelines
- Herbaceous
 - Widgeongrass, *Zostera marina*
- Long Island Sound east of Connecticut River

Herbaceous: Sparse Vegetation: Mountain Spleenwort

- Herbaceous cover of less than 26%
- Crevices and cracks on shaded cliffs
- Consolidated Rock
 - Mountain Spleenwort, *Asplenium montanum*
- Eastern and western Connecticut (scattered)

Herbaceous: Sparse Vegetation: Wallrue Spleenwort/Purple Cliffbrake

- Herbaceous cover of less than 26%
- Shaded marble cliffs and boulders
- Consolidated Rock
 - Wallrue Spleenwort, *Asplenium ruta-muraria*
 - Purple Cliffbrake, *Pellaea atropurpurea*
- Western marble valleys

Herbaceous: Forb: Wallrue Spleenwort/Purple Cliffbrake

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|-----------------------|------------------------------|-------------------|-------------------------------|
| Maidenhair spleenwort | <i>Asplenium trichomanes</i> | Scotch bellflower | <i>Campanula rotundifolia</i> |
| Columbine | <i>Aquilegia canadensis</i> | Mosses | |

Herbaceous: Sparse Vegetation: Scotch bellflower/Narrowleaf Pinweed

- Herbaceous cover of less than 26%
- Traprock slopes
- Boulder, Cobble, or Talus
 - Scotch Bellflower, *Campanula rotundifolia*
 - Narrowleaf Pinweed, *Lechea tenuifolia*
- Central Connecticut

Herbaceous: Forb: Scotch Bellflower/Narrowleaf Pinweed

Major Canopy, Understory, and Herbaceous Plants

| | | | |
|------------------|-------------------------------|-------------------------|--------------------------------|
| Lichens | <i>Cladonia spp.</i> | Mosses | <i>Polytrichum spp.</i> |
| Rusty cliff fern | <i>Woodsia ilvensis</i> | Little bluestem | <i>Schizachyrium scoparium</i> |
| Columbine | <i>Aquilegia canadensis</i> | Churchmouse threeawn | <i>Aristida dichotoma</i> |
| Pink corydalis | <i>Capnoides sempervirens</i> | Poverty oatgrass | <i>Danthonia spicata</i> |
| Dwarf dandelion | <i>Krigia virginica</i> | Early saxifrage | <i>Micranthes virginensis</i> |