

A GUIDE TO THE NATIVE PLANTS, NATURAL PLANT COMMUNITIES AND THE EXOTIC AND INVASIVE SPECIES OF EAST HAMPTON TOWN



EAST HAMPTON TOWN
Natural Resources Department

Table of Contents:

Narrative: Pages 1-17

Quick Reference Max Clearing Table: Page 18

Map: East Hampton Native Plant Habitats Map



TABS: East Hampton Plant Habitats (1-12); Wetlands flora (13-15):

1. Outer Dunes
2. Bay Bluffs
3. Amagansett Inner Dunes (AID)
4. Tidal Marsh (TM)
5. Montauk Mesic Forest (MMF)
6. Montauk Moorland (MM)
7. North of Moraine Coastal Deciduous (NMCD)
8. Morainal Deciduous (MD)
9. Pine Barrens or Pitch Pine Oak Forest (PB) (PPO)
10. Montauk Grasslands (MG)
11. Northwest Woods (NWW)
12. Old Fields
13. Freshwater Wetlands
14. Brackish Wetlands and Buffer
15. East Hampton Wetland Flora by Type

Plant Spacing

Table: A

guideline for the
number of
plants needed
for an area:

Page 19

Native Plants-Resistance to Deer Damage: Pages 20-21

**Local Native Plant Landscapers, Arborists,
Native Plant Growers and Suppliers:**
Pages 22-23

Exotic and Invasive Species: Pages 24-33

Native Wildflower Pictures: Pages 34-45



Introduction to our native landscape

What is a native plant?

Native plants are plants that are indigenous to a particular area or region. In North America we are referring to the flora that existed in an area or region before European settlement. Native plants occur within specific plant communities that vary in species composition depending on the habitat in which they are found. A few examples of habitats are tidal wetlands, woodlands, meadows and dunelands. Each of these habitats supports plants and animals that have evolved together forming a community of inter-dependence. In nature there are no dividing lines, so habitats overlap and change gradually as do the animal and plant communities living within them.

What is an alien Plant?

Aliens or exotics, are plants that have been introduced to a region or area where they did not naturally occur. This process occurs in nature, however it happens at a much slower rate and only occurs by wind, tide or animal driven methods. Through human intervention, thousands and thousands of plants have made their way into new habitats in the past several hundred years. Many were purposely brought over for medicinal purposes, ornamental use, or for food production. However many plant seeds hitched a ride to new habitats hidden in soil, animal digestive tracts, crop seed, or ballast and were not intentionally introduced. Many of these introduced plants are fairly benign and do not seriously impact our natural environment. In fact, the large majority of our garden specimens that we take for granted are aliens, either from distant parts of the US, ie: Blue Spruce (*Picea pungens*) or from other continents ie: Japanese Azalea (*Rhododendron japonicum*).

The majority of introduced and alien plants do not escape into the wild and do not become problematic.

What is an invasive plant?

An invasive plant is an alien species that has spread out of control.

A percentage of alien species not only thrive, but aggressively spread and out-compete native species on a scale that seriously reduces the diversity of native plant and animal communities and upsets the balance of ecosystems. The invasive species sometimes becomes so successful that it ends up dominating a plant community that was once comprised of many species, changing it into a monoculture of a single species or just a few species, ie: Common reed (*Phragmites*).

Exotics that become invasive usually have qualities giving them a competitive edge over the native species. An exotic plant introduced to a “new” habitat may not be exposed to the same competitive pressures as it would have encountered in the habitat in which it evolved. These competitive pressures include, but are not limited to; predation by insects, birds, or mammals, disease, limited natural resources such as nutrients or water, and harsh temperature fluctuations. When these controls are not present on the invasive species, it often allows the plant to far outcompete any native contender.

What is a weed?

A weed is a subjective term referring to any plant that grows in an undesirable area. For example, many of us highly value the presence of bluestem grass in our lawn but regard it as a weed when it is found in our vegetable garden competing for space nutrients and water. A weed is not necessarily an exotic/alien although many weeds are. Bull thistle (*Cirsium vulgare*), garlic mustard (*Alliaria petiolata*) and the common dandelion (*Taraxacum officinale*) are examples of these exotic/invasive weeds. Poison Ivy (*Toxicodendron radicans*) is an example of a native plant that many people find extremely undesirable in the garden. However it is an important component of native plant communities, providing food and shelter for wildlife.

Noxious Weeds

Noxious weeds have the most undesirable characteristics of all weeds. An invasive plant is also referred to as a noxious weed. Each of our states has its own set of laws and regulations for “Noxious Weeds”. Noxious weeds can have great economic impact on agriculture. They may reduce crop yields by competing for space and nutrients. They may be poisonous to animals and humans. They can help to spread insect pests and crop diseases.

Noxious weeds are very difficult to eradicate. They are survivors and fierce competitors. Most are prolific seed producers and many of those seeds are viable for years. They may complete several life cycles in one growing season and some may reproduce asexually, spreading by means of rhizomes and stolons. Some even release chemicals that prevent growth of other plants.

What is a Naturalized Plant?

A naturalized plant is an introduced alien species that has become comfortably established and has found a niche for itself amongst the native plant communities without pushing out native competitors. Examples of naturalized plants are Beach Rose (*Rosa rugosa*), Queen Anne’s Lace (*Daucus carota*), and Chicory (*Cichorium intybus*) Despite the fact they are widespread, they don’t dominate to the point of exclusion of everything else.

What is a disturbed habitat?

We generally refer to a disturbed habitat as meaning a habitat that has been changed because of human intervention or through natural disturbances. Following any disturbances to habitats, whether human-caused or natural, plant communities undergo a process to re-colonize. This is termed **succession** and has been broken down into two stages. **Primary succession** occurs in areas cleared of all biological influence including the careful ecology found in soil. Most areas that will undergo primary succession are devoid of all soil that may or may not have previously been there. This may occur through natural means such as volcanoes, earthquakes, movement of glaciers, very severe wildfires or when new land has been left by the tides. Primary succession may also occur through human means such as the lying down and subsequent abandonment of concrete or rock, mining, detonating bombs – atomic or otherwise, or processes such as bulk heading. The plants involved in this process actually create soil by breaking down rock and the slow cycle of life and death. These plants may also deposit nutrients such as nitrogen or change the pH of the soil to something more amenable to future life. These plants are called **pioneer species**. As the pioneer species create new habitat **secondary succession** occurs. This process is simply a succession of plants and animal communities that occur on damaged, but previously inhabited land. Secondary succession does not have to happen directly after primary succession and frequently occurs without it. Similar to primary succession, secondary succession may occur through human or natural methods however the scale of disturbance is much less. Events that may prompt secondary succession include; land clearing, either by logging or land slide, fire, flooding, insect infestation, disease and many others. When an area eventually reaches a steady state where the composition of plant species no longer changes, it is referred to as a **climax community**. These same species will persist in roughly the same numbers assuming an outside factor does not affect the ecosystem. This is the end result of secondary succession.

Unfortunately when a habitat has been disturbed on a small scale, as often happens when land is cleared by humans, this opens the door for rapidly growing invasive species to step in. Often without further human intervention this land will become impregnable to native plants as the invasive species block entry to their newly conquered land.

What we should know about invasive plants

Thirty-five percent of plant species found in New York State are non-native plant species. New York and Florida have the highest percentage of non-native species of the continental United States. <http://tncinvasives.ucdavis.edu/products/wma/li-summary.pdf>. It has been over 300 years since New York City and Long Island were settled by Europeans and in that time thousands of non-native species have been introduced. Many of the non-natives came through the Port of New York. As a consequence non-native plants can be found almost everywhere and they pose a real threat to biodiversity.

Long Island has approximately 50,000 acres of pine barrens, native grassland, savanna, and shrubland ecosystems. Taken as a group they are threatened both regionally and nationally. Long Island is home to more than 3,500 acres of good quality coastal oak forests. It has more than 4,300 acres of freshwater wetlands and thousands of acres of coastal beaches, dunes and tidal wetlands. <http://tncinvasives.ucdavis.edu/products/wma/li-summary.pdf> Many of these ecosystems are threatened by invasive plant species. Two major causes in the deterioration of ecosystems are outright habitat destruction and invasive species.

Therefore, it is critical for us individually to do our part to promote native species and to control non-native species.

Examples of invasive plants found in specific habitats in East Hampton

Tidal Marshes: The most threatening invasive in our tidal marshes is the Common Reed (*Phragmites australis*). Phragmites is a very aggressive, rapidly spreading species, and is succeeding in out competing native marsh vegetation. It is the worst kind of invasive species. It creates a near monoculture which severely reduces biodiversity within the tidal marsh. Examples of this hostile takeover can be seen at Hook Pond, Soak Hides, Fresh Pond, Alewife Pond, Georgica Pond, Accabonac Harbor, Pussy's Pond, Big Reed Pond and Lake Montauk. Phragmites is most happy in fresh and brackish water as well as roadside ditches. However, it has gained such a foothold in our community it can be seen growing most places there is access to a steady fresh water supply.

Woodlands: It is more difficult to name one particular invasive plant that is adversely affecting our woodlands. Many times the degradation of a woodland habitat begins along roadsides that border or intersect the ecosystem and trails that traverse the woodlands. These are the places where seeds are more easily dispersed by foot (animal and human) and/or vehicle. Oriental Bittersweet (*Celastrus orbiculata*), Black Locust (*Robinia pseudoacacia*), Norway Maple (*Acer plantanoides*), Japanese Honeysuckle (*Lonicera japonica*), Tartarian Honeysuckle (*Lonicera tatarica*), Multiflora Rose (*Rosa multiflora*), and Garlic Mustard (*Alliaria petiolata*) are the most common invaders of woodlands.

A good place to observe infestation of invasives in a woodland environment is at the Buckskill Nature Preserve along the roadside of Stephen Hands Path near Route 114 (Sag Harbor Turnpike). Invasives have not established in the woodland interior, but a wide variety of invasives are well established in wide swathe along the roadside. Pussy's Pond Nature Preserve woodland is also a good place to observe the above-referenced invasive plants.

Downs/Grasslands: In grasslands plants are exposed to full sun and near constant wind. These adverse conditions tend to deter invaders, however they do exist. As recently as the 1920's a good portion of Montauk was still grasslands, but habitat degradation has occurred. New York State Parks have been working with The Nature Conservancy to preserve existing grasslands and restore degraded areas to native grasslands at Theodore Roosevelt Park in Montauk. This is a good place to visit to see intact grasslands as well as areas that are in the process of being restored. One can also see a variety of invasives such as Japanese Honeysuckle (*Lonicera japonica*), Tartarian Honeysuckle (*Lonicera tartarica*), Oriental Bittersweet (*Celastrus orbiculata*), Autumn Olive (*Elaeagnus umbellate*), and Multiflora Rose (*Rosa multiflora*) that are being fought.

Montauk Moorlands: This habitat is unique to Montauk. It can be described as a dwarf forest that has gradually replaced what was once downs/grassland vegetation. Troublesome invasives to the moorlands include Japanese Honeysuckle (*Lonicera japonica*), Tartarian Honeysuckle (*Lonicera tartarica*), Oriental Bittersweet (*Celastrus orbiculata*), Autumn Olive (*Elaeagnus umbellata*), Multiflora Rose (*Rosa multiflora*), and Common Reed (*Phragmites australis*). One can see many of these invasives in Shadmoor State Park along the trails. *Phragmites* occurs in many of the wetlands within the park.

Old Fields: Old fields refer to lands that had been cleared by European settlers for farming and ranching as opposed to grasslands that were a result of natural fires or clearing/burning by Native Americans. The “old fields” include fallow fields, old orchards, pastures, and farmland. They differ from the grasslands in that when the Europeans arrived they brought with them the seeds and plants (both agricultural and ornamental) that they were familiar with in the Old Country. Inevitably this included the introduction of unintentional weeds as well. Our old fields are a mix of native plant species and exotics. Not all of the alien plants introduced were invasive, some we refer to as naturalized (see page 2; What is naturalized?). Even though these naturalized species do not out compete natives, it would be preferable for these fields to be reverted to a completely native population. An example of an old field can be observed in a Nature Preserve (SCTM No. 300-118-1-12.67) located between 400 Hands Creek Rd. and 440 Hands Creek Rd..

Two East Hampton Town (EHT) owned lands, EHT Springs Park and EHT Bull Path landfill, are example of how disturbed areas that have been cleared may become dominated by invasive species. The old Bull Path landfill (SCTM Nos. 300-135-2-15.2 & 34.2) has been taken over by a plethora of invasives including Mugwort (*Artemisia vulgaris*), Autumn Olive (*Elaeagnus umbellata*), Black Locust (*Robinia pseudoacacia*), and Tree of Heaven (*Alianthus altissima*). EHT Springs Park 396 Three Mile Harbor Hog Creek Hwy. (SCTM No. 300-61-4-4.2) was a commercial nursery at one time, but when the Town of East Hampton acquired it the park was a greatly disturbed site. It is a good place to observe Mugwort and Autumn Olives though some native plants typical to old fields and grasslands such as Switchgrass (*Panicum virgatum*), Partridge Pea (*Cassia fasciculata*), and Maryland Golden Aster (*Chrysopsis mariana*) remain, struggling to compete with the invasives.

Duneland: Plants that can grow in dunelands must be able to tolerate full sun, exposure to wind, drought, and nutrient poor soil/sand. Invasives that meet these criteria are Japanese Knotweed (*Polygonum cuspidatum*), Japanese Black Pine (*Pinus thunbergiana*), Russian Olive (*Eleagnus angustifolium*), Autumn Olive (*Eleagnus umbellata*) and Spotted Knapweed (*Centaurea maculosa*). A place to observe Japanese Knotweed and Spotted Knapweed is at Louse Point near the boat launch. EHT has an ongoing project to eradicate the Japanese Knotweed stands on Louse Point. Gerard Drive (Accabonac Harbor) is a good place to observe Japanese Black Pine and Russian/Autumn Olives in a duneland environment. (EHTNRD has been actively removing Japanese Black Pine and Russian/Autumn Olives on the Gerard Point Nature Preserve). Atlantic Double Dunes have Japanese Black Pines that EHT and The Nature Conservancy (TNC) are trying to eradicate. Along the southside of Bluff Rd. at Atlantic Double Dunes one can observe a large, well established stand of Japanese Knotweed.

Some of the worst invasive non-natives in our area:

Despite their invasive status, there are still some local nurseries that continue to sell invasive plants

Norway Maple—*Acer plantanoides*

Autumn Olive ---*Eleagnus umbellata*

Multiflora Rose—*Multiflora rose*

Tartarian Honeysuckle—*Lonicera tarterica*

Japanese Barberry—*Berberis thunbergii*

Japanese Honeysuckle—*Lonicera japonica*
Oriental Bittersweet—*Celastrus orbiculata*
Porcelain Berry—*Ampelopsis brevipedunculata*
Bamboo—*Pseudosasa japonica*
Phragmites or Common Reed—*Phragmites australis*
Garlic Mustard—*Alliaria periolata*
Japanese Knotweed—*Polygonum cuspidatum*
Purple Loosestrife—*Lythrum salicaria*
Spotted Knapweed—*Centaurea maculosa*

Aggressive invasives we commonly call weeds—often we fight with them in our gardens:

Canada Thistle, Bull Thistle—*Cirsium arvense*, *Cirsium vulgare*
Common Nightshade—*Solanum nigrum*
Common Plantain, English Plantain—*Plantago media*, *Plantago lanceolata*
Mustards—Chinese, Black, Field—*Brassica juncea*, *Brassica nigra*, *Brassica rapa*
Chickweeds—Common, Mouse-ear—*Stellaria media*, *Stellaria vulgarum*
Lamb's-Quarters—*Chenopodium album*
Crabgrass—*Digitaria sanguinalis*
Smooth Crabgrass—*Digitaria ischaemum*
Common Dandelion—*Taraxacum officinale*

Native plant communities

A native plant community is comprised of indigenous vegetation that has adapted to that area over thousands of years. Species often have specific habitat requirements that they need to survive and reproduce. For plants the required soil conditions, light levels, accessibility of nutrients and water often vary with species and are indicative of the plants native habitat. However a plant community is influenced by more than the surrounding conditions and local plants. Elements such as disease and predation function to keep a native species in check without being harmful. Even the species of fungi that are present affect native plant species composition through mycorrhizal associations. These associations occur when fungi associate with plant roots to greatly extend the plants root network, allowing the plant access to distant moisture and nutrients. Different fungi associate with different plant species. Plants also have specific requirements to prompt reproduction. Hours of light vs darkness can stimulate flowering in some species, while others depend on temperature. Often specific animals are involved in the flowering, fertilization and dispersal of seed. As you can see, a native plant community is a delicate and intricate system between plants, animals and fungi. When one or more factors in a community are changed, the ramifications are felt throughout the whole community.

Even though humans have broken the surrounding landscape into distinct classifications, it is important to remember that this is an artificial distinction for the sole purpose of human convenience. In nature communities overlap or fade gradually from one distinct community to another. No true boundaries exist.

Below are some East Hampton plant communities that have been inventoried by the East Hampton Natural Resources Department. The Natural Resources Department has compiled comprehensive lists of native plant species that occur in each.

Outer Dunes and Back Shore (As per Napeague, ocean, bay and harbor sides) [Tab 1]

Bay Bluffs (As per Hedges Banks, Culloden Point) Maritime oak forest [Tab 2]

Amagansett Inner Dunes (As per Whaler's Cove, Bluff Road {Napeague, Double Dunes}) Maritime beach, Maritime dune [Tab 3]

Tidal Marsh- Tidal Marsh Edge and Buffer (As per Accabonac Harbor, Northwest Creek) [Tab 4]

Montauk Mesic Forest (As per Montauk Woods) Successional hardwood forest that occurs in low areas near the seacoast. [Tab 5]

Montauk Moorlands (As per Shadmoor) Maritime heathland, Maritime shrubland, Shrub swamp [Tab 6]

North of Moraine Coastal Deciduous (Typical as per Barcelona, Springs, Hither Woods) [Tab 7]

Morainal Deciduous (as per Stony Hill, Amagansett) [Tab 8]

Pine Barrens (= Pitch Pine—Oak Association){Typical to Northern Wainscott} [Tab 9]

Montauk Grasslands/Shrub Savannah (As per Prospect Hill, Montauk) Maritime grassland [Tab 10]

Northwest Woods (Typical type as per intersection of Swamp Road and Bull Path) [Tab 11]

Old Fields (As per Belle Estate III Old Field, EH Town Airport) [Tab 12]

Freshwater Wetlands (Comprehensive native wetland plant list and the wetlands in which the plants occur) [Tab 13]

Brackish Wetlands and Buffer (As per Georgica Pond, Fresh Pond, Napeague Meadow) [Tab 14]

Points to remember when revegetating an area or planting natives as part of your landscape:

Permits: East Hampton has a strong record of environmental protection. The Town Code limits the removal of native vegetation and requires that permits be obtained for work in many areas. So before you cut, clear or dig please check with the Town Planning Department to see if a permit is required for the work you have in mind.

Patience: Whether your goal is restoration of an area or you simply want to plant native species as part of your landscape, remember; it takes time. Living organisms such as trees, shrubs, and perennial wildflowers need careful tending and time to get established and mature before they will flower and bear fruits or seeds. However even a mature habitat is vulnerable to encroachment by invasive species and other weeds, so weeding is essential. Your newly installed landscape could take years to appear as beautiful as the undisturbed mature habitat, once your plants establish themselves they will spread and flourish. Part of the fun is to watch your previously disturbed land mature into native habitat. As this happens, you may want to add or even relocate plants to maintain proper spacing. Patience and flexibility are key words to keep in mind.

Know your site

Existing plants: The area you want to restore may already have some native species. Not only do they help with the cost of revegetation, but they also tell you what plants should be there. Are these mature trees and/or shrubs? If so, they will be competing for water and nutrients with the new plants that you will be planting and it is important not to plant too closely, remember, you must allow for expansion and growth. Generally, we recommend planting 8-10' trees 10' on center and 3-4' shrubs 6' on center. Groundcovers and perennials can be planted much closer—depending on their size 1-3' on center. For more information on specific species native status, characteristics, soil preference and much more, go to the USDA Plant Database: <http://plants.usda.gov/index.html>

Sun exposure: How much sun does a particular area get during the course of the day? Some plants are adapted to full sun while others are more shade tolerant. Find out what kind of exposure each plant requires to thrive.

Soil type: Is the soil sandy, clay, loam, or peat? You can have your soil tested by Cornell University for nutrient analysis. The purpose of soil type analysis is to choose the appropriate native plants for the soil type that you have. Selecting an unsuitable plant for your soil type is only wasting your money and condemning the plant to death. Amending the soil can help, however in nutrient poor soil such as sand, adding fertilizers is often counterproductive as the fertilizers tend to leach out quickly when it rains or when you water your newly installed plants. Additionally, the nitrogen that leaches out of your soil runs into our harbors and bays causing harmful algae blooms and encouraging the growth of unwanted bacteria. To have your soil tested go to the Cornell Nutrient Analysis Laboratory for forms and instructions:

<http://cna1.cals.cornell.edu/forms/documents/CNAL-Form-H-Homegardens-External.pdf>

Soil moisture: *Xeric* - well drained soils. Soils that fall under this category are usually sand or soils containing a high concentration of rock or gravel. *Mesic* - moderate to well drained soils. These soils tend not to dry out or flood. *Hydric* - imperfectly or poorly drained soils. Soils from a hard clay lens or high water table are classified as hydric. These soils are saturated and water remains at or near the surface for long periods of time. Plants that thrive in hydric soils are commonly called wetland plants.

How well does your soil drain?

Drainage is the rate at which water percolates through a soil profile.

1. Dig a hole one foot wide and one foot deep.
2. Fill it with water and then let it drain
3. Refill the hole with water
4. Time how long it takes the water to drain

If your soil drains **less than 4 inches per hour**—your site is **poorly drained**.

If your soil drains **4-8 inches per hour**—your site is **moderately well- to well-drained**

If your soil drains **more than 8 inches per hour**—your site is **excessively drained or droughty**. Choose plants that tolerate dry or drought conditions.

Slope conditions: Is the area to be planted level or is it sloped? Steeply graded slopes are subject to erosion. You may have to anchor the plants with coco mats to secure them until their root systems get established. Look for plants that can thrive under these conditions.

Control Measures for weeds and non-natives

- Mow or cut back often (3 times per season) to sap energy from plant or vine. This will keep plant(s) at bay or from growing up and strangling your native trees and will reduce seed production.
- Cover the effected area with black plastic for one year. This will kill any living plant that is trapped underneath and deprived of light. Be aware that once you remove the plastic the seeds that remain in the soil will begin to sprout so you

will need to repeat this treatment until the seed bank that is present in the soil is exhausted. This is highly recommended for highly contaminated field areas.

- Pull seedlings and small shallow-rooted plants when soil is moist. Dig up larger plants trying to get as much of root system as possible and dispose.
- Heavy mulching (2" depth) with natural leaf litter helps to deter weeds from sprouting. In a forest community the leaf litter layer is an integral part of the forest ecosystem providing nutrients for the plants (decayed leaf litter) and habitat and cover for insects, amphibians, mammals and birds.

The need for native landscaping

With the expanding development of residential and commercial regions we have fragmented large areas of contiguous native plant communities. As new parcels of land are developed they become disturbed habitat. This occurs through the construction of man-made structures, clearing of native vegetation and in many cases can occur with the introduction of non-native plants for landscaping purposes. Good quality (pristine) native plant communities are disappearing at an alarming rate. As native plant communities disappear or are compromised by invasives/exotics, many native plant populations are becoming increasingly rare. Ecosystems are being compromised with invasive alien plant species and biodiversity is thereby threatened. Therefore, it is critical for us individually to do our part to promote native species and to control non-native species.

Alternative native plants

Following is a chart with a few examples of the kind of native plants that make good alternatives to the invasives. The comprehensive native plant lists, which are grouped by habitat, provided in this booklet may also be helpful as each species is described by its horticultural classification (tree, vine, groundcover, etc.)

	Invaders	Alternatives
Trees	Norway Maple (<i>Acer plantanoides</i>) Black Locust (<i>Robbinia pseudoacacia</i>) Tree of Heaven (<i>Alianthus altissima</i>)	Oaks (Black, White, Scarlet) (<i>Quercus</i> sp) American Beech (<i>Fagus grandifolia</i>) Pitch Pine (<i>Pinus rigida</i>) White Pine (<i>Pinus strobus</i>) Flowering Dogwood (<i>Cornus Florida</i>) Eastern Redcedar (<i>Juniperus virginiana</i>)
Vines	Oriental Bittersweet Japanese Honeysuckle Porcelainberry	Virginia Creeper (<i>Parthenocissus quinquefolia</i>) Fox Grape (<i>Vitis lambrusca</i>)
Shrubs	Japanese Barberry (<i>Berberis thunbergii</i>) Autumn Olive Russian Olive Winged Euonymus or Burning Bush (<i>Euonymus alatus</i>)	Northern Bayberry (<i>Myrica pensylvanica</i>) Highbush Blueberry (<i>Vaccinium corymbosum</i>) Sweet Pepperbush (<i>Clethra alnifolia</i>) Red, Black Chokeberry (<i>Aronia arbutifolia, melanocarpa</i>)
Perennial	Purple Loosestrife (<i>Lythrum salicaria</i>) Chinese Silvergrass (<i>Miscanthus sinensis</i>) Phragmites-Common Reed	New England Blazing Star (<i>Liatris scariosa</i>) Eupatorium sp. (Joe Pyeweed, White Snakeroot, Hyssop-leaved Eupatorium) Asclepia sp. (Common Milkweed, Butterflyweed, Swamp Milkweed) Switchgrass (<i>Panicum virgatum</i>) Little Bluestem (<i>Schizachryum scoparium</i>)

Restoring native plant communities

Restoration can be thought of as an attempt to return the disturbed native plant community back to its original state through such activities as exotic species management, prescribed burns, re-seeding the disturbed area and adding transplanted native plants into the degraded community. In extreme cases, a total recreation or revegetation of the community is necessary. When no remnants of the prior community are left, we must attempt to reconstruct a native plant community at a site where it once existed. It is one of the most difficult and complex actions we can undertake. If you need to revegetate your land you should consult a professional who specializes in conservation. A list of such people can be found in the back of this book. Unfortunately restorations and recreations never really replace what originally existed because of the near impossibility of mimicking the original diversity and complexity that had developed in the area over many years. It is for this reason that we try so strongly to protect our existing native communities.

Yard plantings

The cumulative effect of many yards planted with native plants can be more effective than a single revegetated area. While individual yards cannot provide every benefit of pristine native habitat, they do go a long way toward supporting the local gene pool of wild native plants. Often native plants are also more deer resistant and require fewer resources in the form of water and fertilizer than non native alternatives. Even if you don't plan to have a yard full of native plants, the benefits of having one or two present in your landscape are enormous to our environment.

What you can do to help

Yard plantings by individuals are an invaluable source of seed to be distributed back into our local gene pool and generally put less stress on the environment in which they are found. However a lack of seed in our surroundings is not the only threat to our habitat. Aggressive invasive species are pushing out our native plants and replacing what was once a flourishing and diverse community with a monoculture, a large area that is populated by only a single species. We at the East Hampton Town Natural Resources Department are working to combat these species, however many large swaths are on private property and inaccessible to us. You can remove these plants with our blessing, however they are tenacious. If you chose to undertake this effort, be aware that it can seem overwhelming and even hopeless at times. These plants are out competing our natives because of their ability to survive under strange and adverse conditions. On your property be vigilant in removing weeds/invasives, especially before they flower and have a chance to go to seed. Remember most of these species are prolific seed producers. To remove them before they go to seed will help not only to keep the weeds down on your property (this season and next year) but will also help the surrounding area by removing those seeds and preventing the further spread to other locations. Even trimming vines such as bittersweet several times during the season will drastically cut down on the number of seeds and suckers produced.

White Tailed Deer and Ticks

White-tailed deer are more numerous today than they were prior to European settlement of North America. In pre-colonial times forests were extensive and deer were prey for wolves and mountain lions, and Native Americans hunted deer year-round for food and clothing. As these control measures were removed and new environments ideal to their survival such as suburban areas with open lawns, tasty plants in summer gardens, and an abundance of ornamental shrubs were introduced, it only exacerbated the problem. White-tailed deer are browsers and grazers –they eat the buds, twigs and leaves on a wide variety of plants. When hungry enough, deer are fairly indiscriminate in their food choice, however when food is abundant deer prefer the tasty tender shoots and buds more commonly found in non-native plants. Native plants have evolved with White-tailed deer for thousands of years and so have evolved many strategies to deter their natural predators. Non native plants, especially horticultural varieties, have none of these deterrents and so are at more risk. Deer damage to landscape plantings can occur any time of the year but the damage is usually most severe in the late winter and early spring when other food supplies are limited. This is enough of a problem on its own; however deer have been implicated as a significant vector in the transmission of Lyme disease. This occurs through the presence of the insect that incubates and spreads the disease, the tick. Tick abundance has been shown to be directly related to deer density; the more deer the more ticks. It is the Deer Tick (*Ixodes scapularis*) that transmits the bacterial Spirochete (*Borrelis burgdorferi*) that causes Lyme disease, and mammals can be infected through the bite of the tick. Ticks can be carried by mammals (deer, raccoons, opossum, etc.) and are not attracted to plants.

Planting Guide

When to plant your trees/shrubs/plants:

- The best time to transplant your plants is in the early spring when temperatures are cooler and there is usually more rainfall. Plants become dormant or die back in the winter, and a good indication of when to plant is just before bud break occurs in the surrounding environment, however plants can be planted as soon as the ground thaws. The worst time to plant/transplant is in the height of summer (June/July/August), in the middle of the plants' growing season. High temperatures and lack of water to the root system are two things that can stress the plants especially when they are not yet established. It is possible to plant in the late fall before the ground freezes, and preferably after the plant goes dormant.

How to plant your native shrub or tree:

- When you purchase your tree/shrub it will be in a plastic container or wrapped in burlap. The most important thing to remember is **never** to let the plants dry out. Make sure you water the plant well before planting.
- The hole that you dig for the plant should, initially, be both wider and deeper than the root ball of the plant. Its better for your hole to be too big than trying to shove your plant into a too small space. Don't worry about augmenting your soil, your native plant should be well adapted to whatever soil is present in your landscape. We do recommend using a small amount of top dressing with organic fertilizer just to help your plant get started. It should be well mixed with soil reserved for filling the top of the hole. However be aware, direct contact of the fertilizer with the roots may 'burn' the root hairs. We do not recommend using peat as it does not provide nutrition and is mined from wetlands.
- Place of the fill into the bottom of the hole to bring the level of the plant up to the point where the top of the root ball is even with the natural grade of the land.
- If it is a potted plant, hold it upside-down and gently shake it—it should come out. If the plant is rootbound, roots may be coming out of the drainage holes. Just cut away the roots that come out of the drainage holes. Slip or pry the plant out of the pot. Look at the roots—if they are tight and compact try to loosen the roots with your fingers. If the roots are still too tight you may have to cut them. The pot has acted as a barrier and the roots, as the plant grows larger, have no where to go and end up growing round and round the bottom of the pot. The roots need to be able to spread if the plant is to flourish. By loosening the roots or even cutting them they will be able to spread into the new soil that you are planting the tree/shrub in.
- If the plant is in burlap, you may leave the burlap but you may untie it at the top to hasten its breakdown and prevent the strangulation of your plant. Wire cages should be removed. Stay away from plants bound by plastic burlap—it will not decompose and the plant may have root rot from being in such a confined environment.
- Ease the plant gently into the hole and position it to make sure it is straight. If it has a more attractive side, now is the time to face the plant in the direction you want it to face. Start to fill in around the sides of the root ball. When you have covered the bottom third of the hole gently tamp down the soil. Continue to fill in the hole; at two thirds full tamp the soil again. Fill in the remainder of the hole and tamp down the soil. Tamping the soil helps to eliminate air pockets where water could be trapped and rot the roots. However, plants need aerated soil to grow so be sure not to compress the soil too much.

- The excess dirt should be used to form a small berm, 4-5” tall, in a circle around the perimeter of the hole that you just filled in. This berm acts as a mini dam and will help keep water around the root ball of the plant. The water will gradually soak into the area around the roots where it is needed most. In the case of small shrubs there may not be enough soil to do this, so make sure to water your new plants enough.
- Fill the bermed area gently with water. Allow the water to soak in. If the soil caves in at spots, just fill the holes and reberm your area. Fill the bermed area a second time and allow the water soak in. Repeat a third time.
- It is important not to let the plant roots dry out when the plant is trying to get established. Remember it takes some time for the roots to spread and grow. If the weather is dry and hot you will probably have to water the plant well two or three times a week. Continue the careful treatment of your plant for at least one year.
- An application of mulch around the plant will help in retaining moisture and will provide some nutrition.

Maintenance:

We do not advocate the use of herbicides to control weeds. Herbicides are chemical agents used to control or kill plants. Everything we put into our ground has the potential to make it into our aquifer, which is our **sole source** for drinking water, or to be transported into our harbors and bays via runoff. Herbicides and/or their components can be harmful pollutants to our harbors, bays, and our drinking water. So the biggest chore in maintaining your newly planted site is weed control. Mulching the site with leaf litter will prevent some weeds from emerging but some hand weeding will be necessary until your plantings get established.

Clearing your property - East Hampton Town has laws:

The Town of East Hampton has been a leader in the preservation of open space and has enacted clearing laws on properties, to protect the health of our harbors and bays, to protect our aquifer that is our sole source for our drinking water and to help preserve the rural characteristics of the town. For the homeowner there are five codes within the East Hampton Town Code that define the clearing restrictions or the conditions under which clearing may take place. They are 255-3-60 Water Recharge Overlay District, 255-3-70 Harbor Protection Overlay District, 255-4-20 Natural Resources Special Permit, 255-2-60 Residential District Provisions, and 16-4 Conservation Easements.

255-3-60 Water Recharge Overlay District

255-3-61 Purpose.

The purpose of the Water Recharge Overlay District is to provide for the application of a system of needed additional regulations for properties located in areas where disproportionately large quantities of rainwater are recharged into and stored in the underground aquifer, in order to help ensure the continued sufficiency and purity of the town’s irreplaceable groundwater supply and sole source of drinking water.

255-3-65 Regulations.

In addition to any other provisions of this chapter which may apply to them, lots, lands, buildings and structures in the Water Recharge Overlay District shall be subject to the following:

A.Subdivision. No lot or land wholly or partly within the overlay district shall be subdivided (unless by subdivision waiver) except pursuant to Chapter 193 of the Code.

B.Critical area designation. Lands located within the overlay district are hereby declared to be critical areas of environmental concern pursuant to Chapter 128 of this Code.

C. Conditional approvals. Any activity or use for which the approval of any local agency is needed may be approved by said agency conditioned upon the landowner’s filing covenants and restrictions granting to the town enforceable rights against overclearing of land, landscaping, the use of fertilizers, and the manner of disposing of waste materials or any other reasonable condition or restriction necessary to ensure continued integrity of the town’s groundwater.

D. Minimized clearing. In all their actions, local agencies shall minimize, to the extent practicable, clearing and grading of natural vegetation and disturbance of the natural contours of lands within the overlay district.

E. Limited clearing of lots. Clearing of lots or parcels of land within the Water Recharge Overlay District shall be restricted as set forth herein.

Lot Area	Maximum Clearing Permitted
In Residence Districts:	
Up to and including 39,999 sq.ft.	10,000 sq. ft. or 35% of lot area, whichever is greater
From 40,000 sq. ft. to and including 280,000 sq.ft.	10,000 sq. ft. + (lot area x 12.5%)

In Commercial districts:

All lots	10,000 sq.ft. or 50% of lot area, Whichever is greater
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Town Code 255-3-70. Harbor Protection Overlay District

The purpose of the Harbor Protection Overlay District is to maintain or improve surface water quality in East Hampton’s major harbors, creeks and ponds, including Accabonac Creek, Fort Pond, Georigica Pond, Lake Montauk, Hog Creek, Napeague Harbor, Northwest Creek, Northwest Harbor, Steppingstones Pond, Three Mile Harbor, Tuthill Pond and Wainscott Pond. The district is also intended to maintain or improve wildlife habitat in these areas and to maintain or restore these waterways as closely as possible to their natural condition, so that the town’s citizens and visitors can continue to enjoy and appreciate their natural values. The Harbor Protection Overlay District will help prevent the entry of stormwater runoff into the town’s waters; gradually require the upgrading of out-moded or inoperable septic systems; preserve important indigenous vegetation; reduce impacts from residential and commercial swimming pools; and upgrade standards for fuel storage tanks.

255-3-75. Regulations

A. Control of stormwater runoff

(1). no parking lot or driveway shall be constructed unless it has either an unimproved surface or an improved surface of poured concrete, hot plant mix asphalt, rapid-curing cut-back asphalt or quartz gravel.

(2).Stormwater generated from a newly constructed driveway, road or parking lot must be directed into one ore more catchment basins.

- (3).Any road, driveway or parking lot that is constructed with an improved surface shall be maintained so that stormwater generated by said structure is directed into the catchment basin(s)
- (4).No pipe, culvert, drain may be installed which discharges stormwater into wetlands.
- (5).Every principal building or addition to the principal building shall be furnished with gutters and leaders to direct stormwater from roofs into the catchment basin(s)
- (6).During construction the disturbance of natural vegetation and land contours shall be minimized. ie. project limiting fence, siltation mesh, straw bales, etc.

B. New sanitary septic systems

- (1).must be set back a minimum of 200 ft. from surface waters
- (2).no septic system leaching pool may be installed unless bottom of the leaching pool is a minimum of four feet above the groundwater table.

C. Existing sanitary septic systems

- (1).every septic system shall be replaced or upgraded if:
 - (a).a natural resources special permit is required for work to be performed on the lot or parcel containing the septic system
 - (b).the work to be performed will increase the habitable floor area of a principal building or will increase the number of bathrooms
 - (c).the septic system does not meet the minimum requirements of the Suffolk County Department of Health

D. Limited clearing of lots.

- (1).The total area of a lot which may be cleared of indigenous natural vegetation shall not exceed the following amounts:

Lot Area	Maximum Clearing Permitted
In Residence Districts:	
Up to and including 39,999 sq.ft.	10,000 sq. ft. or 35% of lot area, whichever is greater
From 40,000 sq. ft. to and including 280,000 sq.ft.	10,000 sq. ft. + (lot area x 12.5%)
In Commercial districts:	
All lots	10,000 sq.ft. or 50% of lot area, Whichever is greater

255-2-60. Residential District Provisions

A. Limited clearing of lots. Clearing of lots or parcels of land within any residential district, except those lots located partially or wholly within the Agricultural Overlay District, Water Recharge Overlay District or the Harbor Protection Overlay District shall be restricted as set forth herein. Removal and or maintenance of dangerous dead wood and non-native invasive species is permitted. A list of non-native invasive species will be maintained by the Natural Resources Department for the purposes of this Chapter.

(1) The total area of a lot which may be clear of indigenous natural vegetation shall not exceed the following amounts for any lot located wholly or partly within a residential district:

Lot Area	Maximum Clearing Permitted
In Residence Districts:	
Up to and including 10,999 sq.ft.	100%
From 11,000 sq. ft. to and including 19,999 sq.ft.	10,999 sq. ft. or 75%, whichever is greater
From 20,000 sq. ft. to and including 280,000 sq.ft.	10,000 sq. ft. + (lot area x 25%)
Greater than 280,000 sq. ft.	80,000 sq.ft.

255-4-20 Natural resources special permit; regulations.

No person shall undertake any of the following activities or make any of the following improvements without first obtaining a natural resources special permit

A. Wetlands, waters and beaches.

- (1) Fill in or near. Place or deposit or permit to be placed or deposited debris, fill, sand gravel or any material, including structure, into or upon or within 150 feet of any boundary of any wetland, watercourse, tidal water or beach.
- (2) Clear or dredge in or near. Clear, dig, dredge, or in any other way add to, alter or remove any material, including natural products, from or within 150 feet of any wetland, watercourse, tidal water or beach.
- (3) Construct in or near. Erect, construct, reconstruct, enlarge or alter any structure including but not limited to any groin, bulkhead, dock, boathouse, residence, accessory structure, road or other improvement whatsoever, in, on or under or within 150 feet of any boundary of any wetland, watercourse, tidal water or beach.
- (4) Site new disposal systems or storage facilities in or near. Build, create or install any new cesspool, septic tank, leaching field or other in-ground sewage or other waste disposal or storage system, including any pipe, conduit or other part thereof, or any aboveground or in-ground holding tank for any liquid other than water and thereafter maintain, operate or make use of the same in, upon or under or within 200 feet of any wetland, watercourse, tidal water or beach.
- (5) Create or alter or relocate. Construct, create, eliminate, alter, relocate or enlarge or diminish in size any wetland or watercourse, whether man-made or natural, by filling, dredging, damming or any other method whatsoever. This section shall also be deemed to apply to artificial lined ponds which are greater than 1,000 square feet in size or which, regardless of size, are situate in the groundwater table.

B. Velocity floodplain.

- (1) Clear, fill or grade. Clear, dig, fill, grade or in any other way add materials to or remove materials from, any lands lying in the VE Flood Hazard Zone within the Flood Hazard Overlay District.
 - (2) Construct or install. Erect, construct, install, enlarge, alter or reconstruct any structure, including any septic system or part thereof, on or in any lands lying in the VE Flood Hazard Zone within the Flood Hazard Overlay District.
- C. Beach vegetation. Remove, uproot, bury or otherwise damage any beach vegetation, as defined herein, or replace the same with lawn, sod or turf. This section shall not be deemed to require a permit for the planting of beach vegetation not involving the disturbance of existing vegetation.
- D. Dunes. Clear, grade, cut, fill, remove or otherwise alter any dune, as defined herein.
- E. Bluffs. Perform any of the activities described in Subsection (1) through (4) of this section within 100 feet of the bluff line, as defined herein, or within 150 feet of the bluff line on lands fronting the Atlantic Ocean and lying east of the eastern boundary of Map No. 174, Montauk.

Conservation Easements

16.1 Purpose.

It is the purpose of this chapter to provide for the acquisition of, and in appropriate cases the modification or termination of, conservation easements by the Town of East Hampton over real property situate in the town for the conservation, preservation and protection of the environmental resources and the natural and man-made attributes and values of such lands. Such areas are significant because of their scenic or natural beauty, geological or ecological character or historical, archaeological or cultural amenities, and the conservation preservation and protection of these characteristics is fundamental to the maintenance and enhancement of recreational and commercial opportunities, tourism, community attractiveness, balanced growth and the quality of life in the town generally.

16-4 Minimum form and content of easements.

A.

(5) In all other cases, the grantor must agree that the land under the easement will not be developed, built upon, cleared or otherwise disturbed or changed during the term of the conservation easement, except that bona fide conservation management measures may be permitted pursuant to a conservation plan approved by the Director of Environmental Protection of the Town.

16-6 Violations

It shall be unlawful for any person, firm or corporation to violate the terms of any conservation easement granted to the Town of East Hampton

Definitions:

Beach Vegetation-Beach grass (*Ammophila breviligulata*) as well as the following plants or lichens: beach heather (*Hudsonia tomentosa*) beach plum (*Prunus maritime*), beach pea (*Lathyrus maritime*), bearberry (*Arctostaphylos uva-ursi*), bayberry (*Myrica pensylvanica*), dusty miller (*Artemisia stelleriana*), seaside goldenrod (*Solidago sempervirens*), pinebarren sandwort (*Arenaria caroliniana*), and reindeer lichen (*Cladonia* species).

Bluff—A bank or cliff with a precipitous or steeply sloped face lying landward of a beach or body of water, and having a bluffline at least two feet higher than its base or toe.

Bluff Line – The natural land contour running along the top of a bluff beyond which to landward the natural land contours resume a gradual slope.

Clearing:

- A. As applied to the act of clearing: the act of removing trees or any part thereof, brush, or other vegetation and/or groundcover from land, whether by any means, including but not limited to digging, scraping, cutting, brushhogging, bulldozing, burning, chemical removal or by any form of mechanical action. As used herein the term “groundcover” shall include naturally occurring understory vegetation (e.g. lowbush blueberry or huckleberry), as well as leaf litter and other detritus.
- B. As applied to an area of land: all land which has been altered from its natural state by the removal of trees, brush, or other vegetation and/or groundcover including land which is lawn or from which groundcover has been removed. As used herein the term “natural state” shall mean and refer to the natural condition of land without substantial alteration by human activity.

Conservation Easements- An easement, covenant, restriction or other interest in real property which limits or restricts development, management or use of such real property for the purpose of preserving or maintaining the scenic, open, natural, or existing character, condition, significance or amenities of the real property.

Dune—A naturally occurring accumulation of sand in wind-formed ridges or mounds landward of the beach, often characterized by the natural growth of beach grass (*Ammophila breviligulata*). This definition shall, however, include man-made deposits of sand placed on or landward of a beach for the purpose of “dune” construction.

Some final thoughts:

It is important to stress that an area that has been overcleared and is required to be revegetated is not to be treated as a garden or even landscaping. It is an area that is to revert back to “nature”. That means no raking in the revegetated area. The leaf litter is of **vital** importance to the ecosystem nourishing the soil and housing countless organisms (from the microscopic to birds and animals) that all play a role in the health of the habitat. The only manipulation of the revegetated area should be some invasive removal to keep the non native weeds down while the native plants get established. After the native plants are established they should be allowed to grow and spread naturally. While uncleared areas and revegetated areas may not look as organized and neat as you would like, it is very important to realize they are not “gardens” or part of your landscaping “envelope.” Let nature take its course. There is great beauty to the “natural” look if you realize (or take the perspective) that a natural area is a complex, intricate web of life and not just a mess of leaves under the trees.

We also want to encourage you to plant native plants even in your landscaped area. Every little bit helps. And you can arrange and trim the natives to your liking and manage it as a garden. The cumulative effect of many native plantings in a residential neighborhood together with the protection of the remaining native communities can provide a real environmental benefit.

Quick Reference Table for Maximum Clearing Allowed

	LOT AREA	MAX CLEARING PERMITTED
<u>WROD-</u> Water Recharge Overlay District	Up to and including 39,999	10,000 or 35% of lot area
	From 40,000 to and including 280,000	10,000+ (lot area x 12.5%)
	Greater than 280,000	45,000
<u>HPOD-</u> Harbor Protection Overlay District	Up to and including 39,999	10,000 or 35% of lot area
	From 40,000 to and including 280,000	10,000+ (lot area x 12.5%)
	Greater than 280,000	45,000
<u>255-2-20-</u> Residential District Provisions	Up to and including 10,999	100%
	From 11,000 to and including 19,999	10,999 or 75%
	From 20,000 to and including 280,000	10,000 + (lot area x 25%)
	Greater than 280,000	80,000

PLANT SPACING TABLE

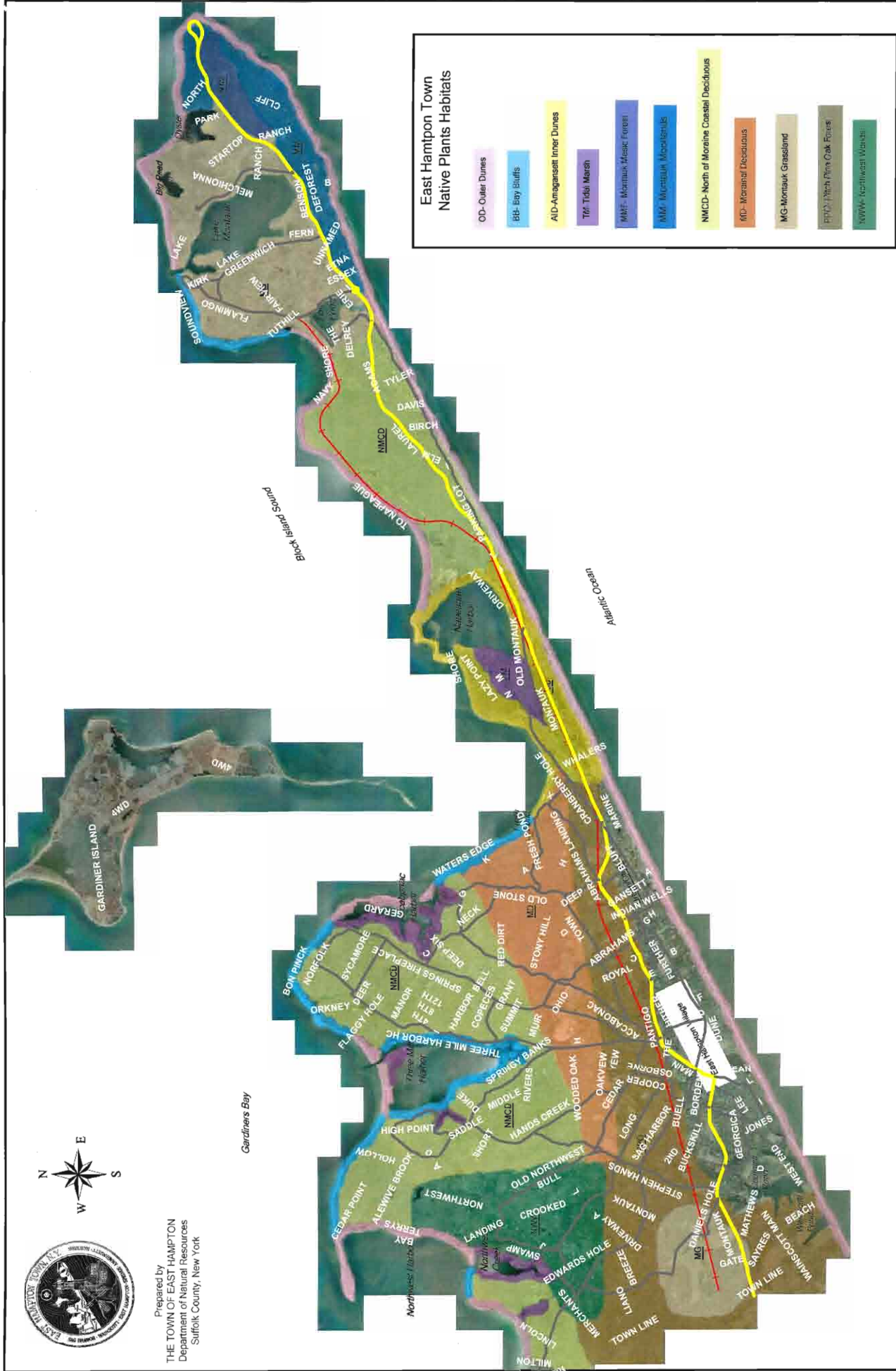
Number of of plants needed for an area based on spacing

		Planting area (sqft)							
		500	1,000	2,000	3,000	4,000	5,000	10,000	20,000
Spacing (ft)	1	500	1,000	2,000	3,000	4,000	5,000	10,000	20,000
	1.5	222	444	888	1,333	1,777	2,222	4,444	8,888
	2	125	250	500	750	1,000	1,250	2,500	5,000
	3	55	111	222	333	444	555	1,111	2,222
	4	31	62	125	187	250	312	625	1,250
	5	20	40	80	120	160	200	400	800
	6	13	27	55	83	111	138	277	555
	8	7	15	31	46	62	78	156	312
	9	6	12	24	37	49	61	123	246
	10	5	10	20	30	40	50	100	200
	12	3	6	13	20	27	34	69	138

Plant Type	Size	Planting distance- on center
trees	8-10ft	10 ft
shrubs	3-4 ft	5 ft
ground cover	1 gallon	3 ft



Prepared by
 THE TOWN OF EAST HAMPTON
 Department of Natural Resources
 Suffolk County, New York



East Hampton Town Native Plants Habitats

OD- Outer Dunes
BB- Bay Bluffs
AID- Amagansett Inner Dunes
TM- Tidal Marsh
MMF- Montauk Mesic Forest
MM- Montauk Mesobolus
NMCD- North of Moraine Coastal Deciduous
MO- Moraine Deciduous
MG- Montauk Grassland
PP- Pitch Pine Oak Forest
NWW- Northwest Marsh

Outer Dunes and Back Shore

(As per Napeague, ocean, bay and harbor sides)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever- Deep Edges</u>			<u>Mesic Areas</u>	<u>Max Ht</u>	<u>Relative</u>		<u>Availa- bility</u>	<u>Notes</u>
			<u>green</u>	<u>In</u>	<u>Openings</u>			<u>Abund or Freq</u>	<u>Notes</u>		
Alkali-Blite	<i>Chenopodium rubrum</i>	WF			X		18"	UC	UA		
Beach Clotbur	<i>Xanthium echinatum</i>	WF			X		24"	C	UA		
Beach Grass	<i>Ammophila breviligulata</i>	G			X		36"	VC	VA		
Beach Heather	<i>Hudsonia tomentosa</i>	GC,WF			X		6"	UC	SA		
Beach Pea	<i>Lathyrus maritimus</i>	WF			X		15"	C	MA		
Beach Plum	<i>Prunus maritima</i>	S			X		6"	C	VA		
Bearberry	<i>Arctostaphylos uva-ursi</i>	GC		X	X		3"	R	MA		
British Soldier Lichen	<i>Cladonia cristatella</i>	L		X	X		3"	UC	UA		
Carolina Rose	<i>Rosa carolina</i>	S			X		4"	R	MA		
Coast Pinweed	<i>Lechea maritima</i>	WF			X		12"	R	UA		
Earth Star	<i>Geaster hygrometricus</i>	F			X		2"	UC	UA		
Evening Primrose	<i>Oenothera biennis</i>	WF			X		3'	R	MA		
Germander	<i>Teucrium canadense</i>	WF			X		30"	R	MA		
Gray's Flat-Sedge	<i>Cyperus grayi</i>	G			X		12"	UC	SA		
Jointweed	<i>Polygonella articulata</i>	WF			X		12"	UC	SA		
Northern Bayberry	<i>Myrica pensylvanica</i>	S			X		6'	UC	VA		
Old-Field Toadflax	<i>Linaria canadensis</i>	WF			X		20"	UC	SA		
Pearly Everlasting	<i>Anaphalis margaritacea</i>	WF			X		30"	R	SA		
Pine-Barren Sandwort	<i>Minuartia caroliniana</i>	WF			X		6"	UC	SA		
Pink Wild Bean	<i>Strophostyles umbellata</i>	V			X		2'	R	SA		
Poison Ivy	<i>Toxicodendron radicans</i>	S,V		X	X		40'	UC	SA		
Prickly-Pear	<i>Opuntia humifusa</i>	WF			X		8"	R	VA		
Reindeer Lichen	<i>Cladonia spp.</i>	L		X	X		3"	UC	UA		
Saltwort	<i>Salsola kali</i>	WF			X		18"	C	UA		
Sea Rocket	<i>Cakile edentula</i>	WF			X		18"	C	SA		
Seabeach Amaranth	<i>Amaranthus punilus</i>	WF			X		12"	VR	UA		Federally listed
Seabeach Knotweed	<i>Polygonum glaucum</i>	WF			X		3"	R	UA		State listed
Seabeach Orach	<i>Atriplex hastata</i>	WF			X		8"	UC	SA		
Seabeach Sandwort	<i>Arenaria peploides</i>	WF			X		5"	UC	SA		
Sea-Oats	<i>Uniola paniculata</i>	G			X		4'	VR	MA		

Bay Bluffs

(As per Hedges Banks, Culloden Point)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever-green</u>	<u>Deep In</u>	<u>Edges</u>	<u>Openings</u>	<u>Mesic Areas</u>	<u>Max Ht</u>	<u>Relative Abund or Freq</u>	<u>Availa-bility</u>	<u>Notes</u>
Alkali-Blite	<i>Chenopodium rubrum</i>	WF		X	X		X	18"	R	UA	
Beach Grass	<i>Ammophila breviligulata</i>	G		X	X			36"	VC	VA	
Beach Pea	<i>Lathyrus maritimus</i>	WF		X	X			15"	UC	MA	
Beach Plum	<i>Prunus maritima</i>	S		X	X			6'	C	VA	
Coast Pinweed	<i>Lechea maritima</i>	WF		X	X			4'	R	MA	
Common Blackberry	<i>Rubus allegheniensis</i>	S		X	X			12"	R	UA	
Creeping Bent	<i>Agrostis perenans</i>	G		X	X		X	5'	UC	MA	
Dull-leaved Indigo Bush	<i>Amorpha fruticosa</i>	S		X	X			15"	UC	SA	
Evening Primrose	<i>Oenothera biennis</i>	WF		X	X			3'	R	MA	
Fox Grape	<i>Vitis labrusca</i>	V		X	X		X	5'	UC	SA	
Greene's Rush	<i>Juncus greenii</i>	G		X	X		X	5'	UC	SA	
Hackberry	<i>Celtis occidentalis</i>	T		X	X			15"	UC	SA	
Late Purple Aster	<i>Aster patens</i>	WF		X	X			20'	UC	SA	
Little Bluestem	<i>Schyzachrium scoparium</i>	G		X	X			18"	UC	MA	
Mockernut Hickory	<i>Carya tomentosa</i>	T		X	X			30"	UC	VA	
Nantuckett Shad	<i>Amelanchier nantucketensis</i>	S		X	X			20'	UC	MA	
Northern Bayberry	<i>Myrica pensylvanica</i>	S		X	X		X	5'	VR	UA	
Old-Field Toadflax	<i>Linaria canadensis</i>	WF		X	X			5'	MC	VA	
Pasture Rose	<i>Rosa carolina</i>	S		X	X			20"	UC	SA	
Path Rush	<i>Juncus tenuis</i>	G		X	X		X	20"	UC	SA	
Pearly Everlasting	<i>Anaphalis margaritacea</i>	WF		X	X			30"	R	SA	
Poison Ivy	<i>Toxicodendron radicans</i>	S,V		X	X		X	40'	UC	SA	
Red Fescue	<i>Festuca rubra</i>	G		X	X			18"	UC	VA	
Scotch Lovage	<i>Ligusticum scoticum</i>	WF		X	X			24"	VR	SA	
Seaside Goldenrod	<i>Solidago sempervirens</i>	WF		X	X		X	30"	C	VA	
Shining Sumac	<i>Rhus copallina</i>	S		X	X			8'	UC	MA	
Siliceate Sedge	<i>Carex silicea</i>	G		X	X			24"	UC	SA	
Smooth Sumac	<i>Rhus glabra</i>	S		X	X			8'	UC	MA	
Summer Grape	<i>Vitis aestivalis</i>	V		X	X		X	5'	UC	SA	
Sweet Everlasting	<i>Gnaphalium obtusifolium</i>	WF		X	X		X	24"	UC	MA	

Bay Bluffs

(As per Hedges Banks, Culloden Point)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever-green</u>	<u>Deep In</u>	<u>Edges</u>	<u>Mesic Areas</u>	<u>Max Ht</u>	<u>Relative Abund or Freq</u>	<u>Availa-bility</u>	<u>Notes</u>
Switch Grass	<i>Panicum virgatum</i>	G		X	X	X	5'	R	V/A	
Trailing Wild Bean	<i>Strophostyles helvola</i>	V		X	X	X	2'	R	SA	
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	V		X	X	X	5'	UC	MA	
Virginia Wild-Rye	<i>Elymus virginicus</i>	G			X	X	30"	UC	SA	
Wild Rose	<i>Rosa virginiana</i>	S		X	X	X	4'	UC	MA	
Gray Dogwood	<i>Cornus racemosa</i>	T								
Field Thistle	<i>Cirsium discolor</i>	WF						C		

T = Tree
 ST = Small Tree
 S = Shrub
 GC = Ground Cover
 WF = Wildflower
 F = Fern
 H = Horsetail
 G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)

VC = Very Common
 C = Common
 UC = Uncommon
 R = Rare

VA = Very Available
 MA = Moderately Available
 SA = Somewhat Available
 UA = Unavailable

Amagansett's Inner Dunes

(as per Napeague, Lazy Point, Double Dunes , etc.)

Common Name	Species Name	Form	Relative			Abund or Freq	Availability	Notes	
			Ever-green	Deep In	Edges Openings				Mesic Areas
American Germander	<i>Teucrium canadense</i>	WF			X			MA	
American Hazel	<i>Corylus americana</i>	S,ST			X			MA	
American Holly	<i>Ilex opaca</i>	T	X					VA	
Beach Clotbur	<i>Xanthium echinatum</i>	WF		X	X			UA	
Beach Grass	<i>Ammophila breviligulata</i>	G			X			VA	
Beach Heather	<i>Hudsonia tomentosa</i>	GC,WF			X			SA	
Beach Pea	<i>Lathyrus maritimus</i>	WF			X			MA	
Beach Plum	<i>Prunus maritima</i>	S			X			VA	
Bear Oak	<i>Quercus ilicifolia</i>	S		X	X			SA	
Bearberry	<i>Arctostaphylos uva-ursi</i>	GC	X		X			VC	
Big Bluestem	<i>Andropogon gerardii</i>	G			X			VC	
Bigtooth Aspen	<i>Populus grandidentata</i>	T			X			R	
Black Cherry	<i>Prunus serotina</i>	T			X			UC	
Black Chokeberry	<i>Aronia melanocarpa</i>	S			X			UC	
Black Huckleberry	<i>Gaylussacia baccata</i>	SS			X			UC	
Black Oak	<i>Quercus velutina</i>	T		X	X			UC	
Blue Flag	<i>Iris versicolor</i>	WF			X			UC	
Blue Vervain	<i>Verbena hastata</i>	WF			X			UC	
Bluecurls	<i>Trichostema dichotomum</i>	WF			X			MA	
Blue-eyed Grass	<i>Sisyrinchium atlanticum</i>	WF			X			UC	
Bog Clubmoss	<i>Lycopodium inundatum</i>	CM			X			UC	
Bracken Fern	<i>Pteridium aquilinum</i>	F			X			R	
Bristly Dewberry	<i>Rubus hispidus</i>	GC	X					C	
Bristly Sarsaparilla	<i>Aralia hispida</i>	WF			X			R	
British Soldier Lichen	<i>Cladonia cristatella</i>	L	X		X			C	
Broom-sedge	<i>Andropogon virginicus</i>	G			X			UC	
Bushy Aster	<i>Aster dumosus</i>	WF			X			R	
Calico Aster	<i>Aster lateriflorus</i>	WF			X			R	

Amagansett's Inner Dunes

(as per Napeague, Lazy Point, Double Dunes , etc.)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Relative		Availa-bility	Notes
									Abund or Freq	C		
Canada Mayflower	<i>Maianthemum canadense</i>	WF		X	X		X	5"	UC	UC	VA	
Catbriar	<i>Smilax rotundifolia</i>	V		X	X		X	20'	C	UC	UA	
Cleavers	<i>Galium aparine</i>	WF			X		X	4'	UC	UC	SA	
Climbing False Buckwheat	<i>Polygonum scandens</i>	V			X		X	10'	UC	UC	UA	
Coast Pinweed	<i>Lechea maritima</i>	WF			X			12"	UC	UC	UA	
Common Cinquefoil	<i>Potentilla simplex</i>	WF			X			5"	UC	UC	SA	
Common Fleabane	<i>Erigeron annuus</i>	WF			X			30"	UC	UC	SA	
Common Horsetail	<i>Equisetum arvense</i>	H			X		X	18"	UC	UC	UA	
Common Winterberry	<i>Ilex verticillata</i>	S			X		X	10'	UC	UC	VA	
Cranberry	<i>Vaccinium macrocarpon</i>	GC					X	3"	C	C	VA	
Creeping Bent-Grass	<i>Agrostis perennans</i>	G			X			24"	C	C	MA	
Crested Yellow Orchis	<i>Habenaria cristata</i>	WF			X			20"	R	R	SA	NYS listed
Cross-leaved Milkwort	<i>Polygala cruciata</i>	WF			X		X	12"	UC	UC	SA	
Cuckoo-Flower	<i>Cardamine pratensis</i>	WF			X		X	12"	UC	UC	MA	
Curly Grass Fern	<i>Schizaea pusilla</i>	F			X		X	6"	VR	VR	SA	NYS listed
Devil's Walking Stick	<i>Aralia spinosa</i>	ST			X			30'	R	R	MA	
Dichotomous Path Rush	<i>Juncus dichotomous</i>	G			X			18"	UC	UC	UA	
Dull-leaved Indigobush	<i>Amorpha fruticosa</i>	S			X			7'	R	R	SA	
Dwarf Chestnut Oak	<i>Quercus prinoides</i>	S			X			6'	R	R	UA	NYS listed
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	WF			X			4"	UC	UC	SA	
Early Goldenrod	<i>Solidago juncea</i>	WF			X			30"	UC	UC	SA	
Early Lowbush Blueberry	<i>Vaccinium pallidum</i>	SS			X			24"	UC	UC	VA	
Earth Star	<i>Geaster hygrometricus</i>	F			X			2"	UC	UC	UA	
Eastern Redcedar	<i>Juniperus virginiana</i>	T	X		X		X	40'	C	C	VA	
Emmon's Sedge	<i>Carex emmonsii</i>	G			X		X	6"	UC	UC	UA	NYS listed
Evening Primrose	<i>Oenothera biennis</i>	WF			X			3'	C	C	MA	
Eyebright	<i>Euphrasia americana</i>	WF			X			6"	R	R	UA	
Frostweed	<i>Helianthemum canadense</i>	WF			X			10"	UC	UC	SA	
Gall-of-the-Earth	<i>Prenanthes trifoliata</i>	WF		X	X			24"	UC	UC	SA	
Glaucous Greenbrier	<i>Smilax glauca</i>	V			X			5"	C	C	UA	

Amagansett's Inner Dunes

(as per Napeague, Lazy Point, Double Dunes , etc.)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Relative		
									Abund or Freq	Availa-bility	Notes
Grass Pink	<i>Calopogon pulchellus</i>	WF			X		X	24"	R	MA	
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	WF			X		X	4'	UC	SA	
Gray Birch	<i>Betula populifolia</i>	T			X			30'	UC	MA	
Gray Goldenrod	<i>Solidago nemoralis</i>	WF			X			15"	UC	MA	
Gray's Flat-Sedge	<i>Cyperus grayi</i>	G			X			12"	C	SA	
Greene's Rush	<i>Juncus greenei</i>	G			X			18"	C	SA	
Groundsel Bush	<i>Baccharis halimifolia</i>	S			X		X	6'	R	V/A	
Heath Aster	<i>Aster ericoides</i>	WF			X			30"	C	MA	
Hedge Bindweed	<i>Convolvulus sepium</i>	V			X		X	8'	UC	MA	
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S		X	X		X	7'	VC	V/A	
Horse Nettle	<i>Solanum carolinense</i>	WF			X			18"	UC	SA	
Hyssop-leaved Thoroughw	<i>Eupatorium hyssopifolium</i>	WF			X			24"	C	SA	
Indian Hemp	<i>Apocynum cannabinum</i>	WF			X		X	4'	UC	UA	
Indian Pipe	<i>Monotropa uniflora</i>	WF		X	X			6"	UC	UA	
Inkberry	<i>Ilex glabra</i>	S		X	X		X	6'	UC	V/A	
Joe-Pye-Weed	<i>Eupatorium dubium</i>	WF			X		X	7'	UC	MA	
Jointweed	<i>Polygonella articulata</i>	WF			X		X	12"	C	SA	
Lance-leaved Violet	<i>Viola lanceolata</i>	WF			X		X	6"	UC	MA	
Late Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS			X			24"	UC	V/A	
Lesser Daisy Fleabane	<i>Erigeron strigosus</i>	WF			X			30"	UC	SA	
Little Bluestem	<i>Schizachyrium scoparium</i>	G			X			3'	C	V/A	
Lyre-leaved Rock Cross	<i>Arabis lyrata</i>	WF			X		X	12"	UC	SA	
Mad-Dog Skullicap	<i>Scutellaria lateriflora</i>	WF			X		X	12"	UC	SA	
Maleberry	<i>Lyonia ligustrina</i>	S		X	X		X	8'	C	SA	
Marram Grass	<i>Panicum amarum</i>	G		X	X			24"	UC	V/A	
Marsh Fern	<i>Thelypteris palustris</i>	F					X	18"	C	SA	
Maryland Golden-Aster	<i>Chrysopsis mariana</i>	WF			X			18"	UC	MA	
Meadowsweet	<i>Spiraea latifolia</i>	WF			X		X	5'	UC	MA	
Mockernut Hickory	<i>Carya tomentosa</i>	T		X	X			75'	UC	SA	
New England Aster	<i>Aster novae-angliae</i>	WF			X		X	4'	R	V/A	

Amagansett's Inner Dunes

(as per Napeague, Lazy Point, Double Dunes , etc.)

Common Name	Species Name	Form	Relative			Mesic Areas	Max Ht	Abund or Freq	Availa- bility	Notes
			Ever- green	Deep In	Edges Openings					
New England Blazing-Star	<i>Liatrix scariosa</i> var.	WF			X	X	15"	R	MA	NYS listed
New York Aster	<i>Aster novi-belgii</i>	WF			X	X	30"	UC	MA	
Nodding Smartweed	<i>Polygonum lapathifolium</i>	WF			X	X	3'	UC	SA	
Northern Arrowweed	<i>Viburnum recognitum</i>	S			X	X	10'	C	VA	
Northern Bayberry	<i>Myrica pensylvanica</i>	S			X	X	6'	C	VA	
Northern Downy Violet	<i>Viola fimbriatula</i>	WF			X	X	3"	UC	SA	
Nuttall's Lobelia	<i>Lobelia nuttallii</i>	WF			X	X	15"	R	SA	
Oblong-leaf Shad	<i>Arnica montana</i>	S,ST			X	X	20'	C	VA	
Old-Field Toadflax	<i>Linaria canadensis</i>	WF			X	X	20"	C	SA	
Panicled Aster	<i>Aster simplex</i>	WF			X	X	5'	C	MA	
Partridge Pea	<i>Cassia fasciculata</i>	WF			X	X	6"	UC	SA	
Pasture Rose	<i>Rosa carolina</i>	S			X	X	4'	C	MA	
Path Rush	<i>Juncus tenuis</i>	G			X	X	15"	C	UA	
Pearly Everlasting	<i>Anaphalis margaritacea</i>	WF			X	X	30"	UC	SA	
Pennsylvania Sedge	<i>Carex pensylvanica</i>	GC		X	X	X	6"	UC	VA	
Pennsylvania Smartweed	<i>Polygonum pensylvanicum</i>	WF			X	X	5'	UC	SA	
Pignut Hickory	<i>Carya glabra</i>	T		X	X	X	75'	UC	SA	
Pilewort	<i>Erechtites hieracifolia</i>	WF			X	X	5'	UC	UA	
Pine-Barren Sandwort	<i>Minuartia caroliniana</i>	WF			X	X	6"	UC	SA	
Pinesap	<i>Monotropa hypopithys</i>	WF		X	X	X	8"	VR	UA	NYS listed
Pine-Weed	<i>Hypericum gentianoides</i>	WF		X	X	X	12"	UC	UA	
Pink Lady's-Slipper	<i>Cypripedium acaule</i>	WF		X	X	X	10"	UC	SA	
Pink Wild Bean	<i>Strophostyles umbellata</i>	WF			X	X	2'	R	SA	
Pipsissewa	<i>Chimaphila umbellata</i>	V			X	X	8"	R	SA	
Pitch Pine	<i>Pinus rigida</i>	SS	X		X	X	60'	VC	MA	
Poison Ivy	<i>Toxicodendron radicans</i>	T	X		X	X	40'	C	SA	
Pokeweed	<i>Phytolacca americana</i>	S,V		X	X	X	6'	UC	SA	
Poor-Man's Pepper	<i>Lepidium virginicum</i>	WF			X	X	12"	UC	SA	
Post Oak	<i>Quercus stellata</i>	WF			X	X	40'	UC	SA	
Prickly Dewberry	<i>Rubus flagellaris</i>	T			X	X	12"	UC	SA	

Amagansett's Inner Dunes

(as per Napeague, Lazy Point, Double Dunes , etc.)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Relative		Availa-bility	Notes
									Abund or Freq	UC		
Prickly-Pear	<i>Opuntia humifusa</i>	WF			X			8"	UC		VA	
Purple Gerardia	<i>Agalinis purpurea</i>	WF			X			20"	UC		MA	
Quaking Aspen	<i>Populus tremuloides</i>	T			X		X	60'	UC		MA	
Racemed Milkwort	<i>Polygala polygama</i>	WF			X			8"	UC		SA	
Rattlesnake-Weed	<i>Hieracium venosum</i>	WF			X			18"	UC		MA	
Red Maple	<i>Acer rubra</i>	T			X		X	65'	C		VA	
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	ST		X	X			20'	R		VA	
Reindeer Lichen	<i>Cladonia spp.</i>	L		X	X			3"	C		UA	
Rose pogonia	<i>Pogonia optioglossoides</i>	WF			X		X	12"	UC		MA	
Rough-stemmed Goldenrod	<i>Solidago rugosa</i>	WF			X		X	24"	C		SA	
Round-leaved Sundew	<i>Drosera rotundifolia</i>	WF			X		X	5"	UC		SA	
Round-leaved Thoroughwor	<i>Eupatorium rotundifolium</i>	WF			X			3'	R		SA	
Sassafras	<i>Sassafras albidum</i>	T		X	X			45'	UC		MA	
Scarlet Oak	<i>Quercus coccinea</i>	T		X	X			75'	UC		MA	
Seaside Goldenrod	<i>Solidago sempervirens</i>	WF			X		X	30"	C		VA	
Sensitive Fern	<i>Onoclea sensibilis</i>	F		X	X		X	18"	C		MA	
Sheep Laurel	<i>Kalmia angustifolia</i>	SS	X		X			3'	UC		SA	
Shining Sumac	<i>Rhus copallina</i>	S			X			12"	UC		VA	
Showy Aster	<i>Aster spectabilis</i>	WF			X			12"	R		MA	
Sickle-leaved Golden-Aster	<i>Chrysopsis falcata</i>	WF			X			6"	C		SA	
Siliccate Sedge	<i>Carex silicea</i>	G			X			24"	C		SA	
Slender Blue Flag	<i>Iris prismatica</i>	WF			X		X	18"	UC		MA	NYS listed
Slender-leaved Goldenrod	<i>Euthamia tenuifolia</i>	WF			X		X	30"	C		MA	
Smooth Hedge-Nettle	<i>Stachys tenuifolia</i>	WF			X		X	30"	UC		SA	
Smooth Shad	<i>Amelanchier laevis</i>	T		X	X		X	35'	R		MA	
Smooth Sumac	<i>Rhus glabra</i>	S,ST			X			18'	UC		MA	
Smooth Winterberry	<i>Ilex laevigata</i>	S			X		X	10'	R		SA	
Solomon's-Seal	<i>Polygonatum biflorum</i>	WF		X	X		X	20"	R		MA	
Southern Arrowwood	<i>Viburnum dentatum</i>	S			X		X	10'	UC		MA	NYS listed
Spatulate-leaved Sundew	<i>Drosera intermedia</i>	WF			X		X	8"	UC		SA	

Amagansett's Inner Dunes

(as per Napeague, Lazy Point, Double Dunes , etc.)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Relative		Availability	Notes
									Abund or Freq	UC		
Speckled Alder	<i>Alnus incana</i> var. <i>rugosa</i>	S,ST					X	20'	R	UC	SA	
Spotted Wintergreen	<i>Chimaphila maculata</i>	SS	X	X	X	X		8"	UC	UC	SA	
Staggerbush	<i>Lyonia mariana</i>	S		X	X	X	X	8'	UC	UC	SA	
Star Flower	<i>Trientalis borealis</i>	WF		X			X	6"	UC	UC	SA	
Starry Solomon's-Seal	<i>Smlacina stellata</i> var. <i>crassa</i>	WF			X	X	X	10"	UC	UC	SA	
Steeplebush	<i>Spiraea tomentosa</i>	WF		X	X	X	X	5'	UC	UC	MA	
Stiff Aster	<i>Aster linariifolius</i>	WF		X	X	X	X	15"	C	UC	MA	
Sundrops	<i>Oenothera fruticosa</i>	WF		X	X	X	X	24"	UC	UC	VA	
Swamp Azalea	<i>Rhododendrom viscosum</i>	S	X	X	X	X	X	10'	C	UC	MA	
Sweet Everlasting	<i>Gnaphalium obtusifolium</i>	WF		X	X	X	X	24"	UC	UC	MA	
Sweet Pepperbush	<i>Clethra alnifolia</i>	S		X	X	X	X	10'	UC	UC	VA	
Switch Grass	<i>Panicum virgatum</i>	G		X	X	X	X	5'	UC	UC	VA	
Tall Wormwood	<i>Artemisia caudata</i>	WF		X	X	X	X	24"	C	UC	SA	
Thread-leaved Sundew	<i>Drosera filiformis</i>	WF					X	8"	UC	UC	SA	NYS listed
Toothed White-topped Aster	<i>Sericocarpus asteroides</i>	WF		X	X	X		24"	UC	UC	UA	
Trailing Arbutus	<i>Epigaea repens</i>	GC	X		X	X		3"	VR	UC	SA	
Trailing Wild Bean	<i>Strophostyles helvola</i>	V		X	X	X	X	2'	UC	UC	SA	
Tupelo	<i>Nyssa sylvatica</i>	T		X	X	X	X	75'	UC	UC	MA	
Venus' Looking-Glass	<i>Specularia perfoliata</i>	WF		X	X	X		15"	UC	UC	SA	
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	SS,V	X	X	X	X		40'	C	UC	MA	
Virginia Mountain-Mint	<i>Pycnanthemum virginianum</i>	WF		X	X	X	X	4'	R	R	SA	
Wavy-leaved Aster	<i>Aster undulatus</i>	WF		X	X	X		15"	R	R	SA	
Weak Sedge	<i>Carex debilis</i>	GC	X	X	X	X	X	6"	R	R	UA	
White Oak	<i>Quercus alba</i>	T	X	X	X	X	X	75'	UC	UC	MA	
White Snakeroot	<i>Eupatorium rugosum</i>	WF		X	X	X	X	3'	R	R	SA	
White Wild Licorice	<i>Galium circaezans</i>	WF	X	X	X	X	X	6"	R	R	UA	
Whorled Loosestrife	<i>Lysimachia quadrifolia</i>	WF	X	X	X	X	X	18"	UC	UC	SA	
Whorled Milkwort	<i>Polygala verticillata</i>	WF		X	X	X	X	12"	UC	UC	SA	
Wild Lettuce	<i>Lactuca canadensis</i>	WF		X	X	X	X	6'	UC	UC	SA	
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	SS	X	X	X	X	X	24"	UC	UC	SA	

Amgansett's Inner Dunes

(as per Napeague, Lazy Point, Double Dunes , etc.)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Relative Abund or Freq	Availability	Notes
Wild Strawberry	<i>Fragaria virginiana</i>	GC			X			4"	UC	SA	
Wood Anemone	<i>Anemone quinquefolia</i>	WF	X		X			5"	UC	MA	
Yellow Thistle	<i>Cirsium horridulum</i>	WF			X		X	24"	C	SA	
Yellow-eyed Grass	<i>Xyris spp</i>	WF					X	12"	UC	UA	

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 ST = Small Tree
 S = Shrub
 GC = Ground Cover
 WF = Wildflower
 F = Fern
 H = Horsetail
 G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)

VC = Very Common
 C = Common
 UC = Uncommon
 R = Rare

VA = Very Available
 MA = Moderately Available
 SA = Somewhat Available
 UA = Unavailable

Tidal Marsh-Tidal Marsh Edge and Buffer

(As per Accabonac Harbor, NW Creek)

Common Name	Species Name	Form	Ever-green	Deep In	Edges Openings	Mesic Areas	Max Ht	Relative		Availa-bility	Notes
								Abund	Freq		
Alkali-Blite	<i>Chenopodium rubrum</i>	WF		X	X	X	24"	R		SA	High marsh edge
Annual Saltmarsh Aster	<i>Aster subulatus</i>	WF		X	X	X	12"	R		SA	High marsh
Arrow-Grass	<i>Triglochin maritima</i>	G		X	X	X	18"	MC		UA	High marsh
Beach Orach	<i>Atriplex prostrata</i>	GC		X	X	X	8"	UC		MA	High marsh edge
Black Grass	<i>Juncus gerardii</i>	G		X	X	X	12"	C		SA	High marsh edge
Bristlegrass	<i>Setaria parviflora</i>	G		X	X	X	24"	R		SA	High marsh, buffer
Canadian Burnet	<i>Sanguisorba canadensis</i>	WF		X	X	X	30"	UC		SA	High marsh edge
Chairmaker's Rush	<i>Schoenoplectus americanus</i>	G		X	X	X	4'	UC		SA	High marsh edge
Chestnut-based Fimbristylis	<i>Fimbristylis castanea</i>	G		X	X	X	12"	VR		UA	High marsh, buffer
Cinnamon Fern	<i>Osmunda cinnamomea</i>	F		X	X	X	36"	UC		VA	Buffer
Ditch Reed	<i>Phragmites australis</i>	G		X	X	X	12'	VC		SA	Throughout
Dwarf Glasswort	<i>Salicornia bigelovii</i>	WF		X	X	X	6"	UC		SA	High marsh
Eastern Redcedar	<i>Juniperus virginianus</i>	T	X	X	X	X	30'	C		VA	Buffer
Emmons' Sedge	<i>Carex emmonsii</i>	G		X	X	X	5"	R		SA	Buffer
Freshwater Cordgrass	<i>Spartina pectinata</i>	G		X	X	X	6'	VR		SA	High marsh edge
Gama Grass	<i>Tripsacum dactyloides</i>	G		X	X	X	20'	C		SA	Buffer
Greenbriar	<i>Smilax rotundifolia</i>	V		X	X	X	7'	C		VA	High marsh edge
Groundsel Bush	<i>Baccharis halimifolia</i>	S		X	X	X	40'	R		MA	Buffer
Hackberry	<i>Celtis occidentalis</i>	T		X	X	X	5'	R		SA	High marsh buffer
Littoral Bluestem	<i>Schizachyrium scoparium</i>	G		X	X	X					
Marsh Elder	<i>Iva frutescens</i>	S		X	X	X	5'	C		MA	Intertidal edge
Marsh Fern	<i>Thelypteris palustris</i>	F		X	X	X	24"	UC		MA	Buffer
Marsh Hibiscus	<i>Hibiscus palustris</i>	WF		X	X	X	6'	MC		MA	High marsh, buffer
Marsh Pink	<i>Sabatia stellaris</i>	WF		X	X	X	8"	R		SA	High marsh
Meagre Sedge	<i>Carex exilis</i>	G		X	X	X	12"	R		UA	High marsh edge
Narrow-leaved Cat-tail	<i>Typha angustifolia</i>	G		X	X	X	6'	UC		SA	High marsh, buffer
New York Aster	<i>Aster novi-belgii</i>	WF		X	X	X	4.5'	UC		MA	Buffer
Northern Bayberry	<i>Myrica pensylvanica</i>	S		X	X	X	8'	C		VA	Buffer
Perennial Glasswort	<i>Salicornia virginica</i>	WF		X	X	X	12"	C		SA	High marsh

Tidal Marsh-Tidal Marsh Edge and Buffer

(As per Accabonac Harbor, NW Creek)

Common Name	Species Name	Form	Ever-green	Deep In	Edges Openings	Mesic Areas	Max Ht	Relative		Availa-bility	Notes
								Abund Freq			
Perennial Saltmarsh Aster	<i>Aster tenuifolius</i>	WF								SA	High marsh
Poison Ivy	<i>Toxicodendron radicans</i>	S, V			X	X	15"	UC		SA	High marsh
Saltmarsh Bulrush	<i>Boboschoenus robustus</i>	G			X	X	10"	C		MA	Buffer
Saltmarsh Fleabane	<i>Pluchea purpurascens</i>	WF			X	X	6'	UC		MA	High marsh edge
Saltmarsh Gerardia	<i>Gerardia maritima</i>	WF			X	X	5'	R		SA	High marsh edge
Saltmarsh Hay	<i>Spartina patens</i>	G			X	X	18"	R		SA	High marsh
Saltwater Cordgrass	<i>Spartina alterniflora</i>	G			X	X	6"	UC		SA	High marsh
Saltwort	<i>Salsola kali</i>	WF			X	X	15"	VC		MA	High marsh
Sea Lavender	<i>Limonium carolinianum</i>	WF			X	X	4'	VC		MA	Intertidal
Seaside Goldenrod	<i>Solidago sempervirens</i>	WF			X	X	24"	MC		SA	High marsh edge
Seaside Plantain	<i>Plantago maritima v. juncoides</i>	WF			X	X	20"	MC		SA	High marsh
Silverweed	<i>Potentilla anserina</i>	WF			X	X	30"	UC		VA	High marsh edge
Slender Blue Flag	<i>Iris prismatica</i>	WF			X	X	12"	UC		SA	High marsh
Slender Glasswort	<i>Salicornia maritima</i>	WF			X	X	8"	R		SA	High marsh edge
Slender Marsh Pink	<i>Sabatia campanulata</i>	WF			X	X	18"	R		MA	High marsh edge
Small-beaked Spikerush	<i>Eleocharis rostellata</i>	G			X	X	12"	C		SA	High marsh
Soft-stem Bulrush	<i>Schoenoplectus tabernaemontani</i>	G			X	X	20"	R		SA	Fresh Buffer
Southern Sea-Blite	<i>Suaeda linearis</i>	WF			X	X	24"	MC		UA	High marsh
Spike Grass	<i>Distichlis spicata</i>	G			X	X	5'	UC		SA	High marsh
Sweet Grass	<i>Hierochloa odorata</i>	G			X	X	18"	UC		SA	High marsh edge
Three-square Bulrush	<i>Scoenoplectus pungens</i>	G			X	X	12"	C		SA	High marsh
Tupelo	<i>Nyssa sylvatica</i>	T			X	X	18"	UC		SA	High marsh edge
Twig-Rush	<i>Cladium mariscoides</i>	G			X	X	4'	MC		MA	High marsh edge
Velvet Panic-Grass	<i>Panicum scoparium</i>	G			X	X	75'	C		MA	High marsh edge
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	V			X	X	3'	C		SA	High marsh, buffer
Virginia Wild Rye	<i>Elymus virginicus</i>	G			X	X	24"	R		SA	High marsh, buffer
Water-Pimpernel	<i>Samolus floribundus</i>	WF			X	X	25'	UC		VA	Buffer
White Sea-Blite	<i>Suaeda maritima</i>	WF			X	X	4'	UC		SA	Buffer
Widgeon-Grass	<i>Ruppia maritima</i>	A			X	X	12"	R		SA	Seepy edges
	<i>var. littoralis</i>				X	X	18"	MC		SA	High marsh edge
					X	X		UC		SA	Salt pools

Tidal Marsh-Tidal Marsh Edge and Buffer

(As per Accabonac Harbor, NW Creek)

Common Name	Species Name	Form					Relative		Availability	Notes
		Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Abund Freq		
	T = Tree									VA = Very Available
	ST = Small Tree									MA = Moderately Available
	S = Shrub									SA = Somewhat Available
	GC = Ground Cover									UA = Unavailable
	W/F = Wildflower									
	F = Fern									
	H = Horsetail									
	G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)									
	A = Aquatic									

VC = Very Common

C = Common

MC = Moderately Common

UC = Uncommon

R = Rare

VR = Very Rare

Montauk Mesic Forest

(As per Montauk Point Woods)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever- green</u>	<u>Deep Ln</u>	<u>Edges Openings</u>	<u>Wet Areas</u>	<u>Local Rel</u>			<u>Availa- bility</u>	<u>Notes</u>
							<u>Max Ht</u>	<u>Abund Freq</u>			
Alternate-leaf Dogwood	<i>Cornus alternifolia</i>	ST		X	X		30'	R	SA		
American Basswood	<i>Tilia americana</i>	T		X	X	X	50'	UC	MA		Introduced?
American Beech	<i>Fagus grandifolia</i>	T		X	X		65'	MC	VA		
American Hazel	<i>Corylus americana</i>	S,ST		X	X	X	12'	R	MA		
American Holly	<i>Ilex opaca</i>	T	X	X	X	X	35'	MC	VA		
American Pennyroyal	<i>Hedeoma pulegiodes</i>	WF									
Bigtooth Aspen	<i>Populus grandidentata</i>	T			X		45'	R	UA		
Black Birch	<i>Betula lenta</i>	T		X		X	60'	MC	MA		
Black Cherry	<i>Prunus serotina</i>	T			X		45'	UC	MA		
Black Chokeberry	<i>Aronia melanocarpa</i>	S		X	X		8'	MC	MA		
Black Huckleberry	<i>Gaylussacia baccata</i>	SS		X	X	X	4'	R	VA		
Black Oak	<i>Quercus velutina</i>	T		X	X		75'	UC	MA		
Bonaset	<i>Eupatorium perfoliatum</i>	WF						C			
Bracken Fern	<i>Pteridium aquilinum</i>	F			X		3'	R	SA		
Bristly Dewberry	<i>Rubus hispidus</i>	GC	X		X	X	3"	UC	MA		
Bulbous Wood-Rush	<i>Luzula bulbosa</i>	G			X		15"	R	UA		
Canada Mayflower	<i>Maianthemum canadense</i>	WF		X	X	X	5"	MC	VA		
Catbriar	<i>Smilax rotundifolia</i>	V		X	X	X	20'	MC	UA		
Christmas Fern	<i>Polystichum aristochoides</i>	F		X	X	X	30"	R	MA		
Cockspur Hawthorne	<i>Crataegus crus-galli</i>	ST			X	X	20'	UC	MA		
Colombine	<i>Aquilegia canadensis</i>	WF		X	X		24"	R	VA		
Common Blackberry	<i>Rubus allegheniensis</i>	S		X	X	X	7'	MC	MA		
Common Cinquefoil	<i>Potentilla simplex</i>	WF		X	X	X	5"	UC	SA		
Common Elderberry	<i>Sambucus canadensis</i>	ST		X	X	X	12'	UC	MA		
Common Fleabane	<i>Erigeron annuus</i>	WF		X	X		30"	UC	SA		
Common Juniper	<i>Juniperus communis</i>	SS		X	X		3'	R	SA		
Common Milkweed	<i>Asclepias syriaca</i>	WF		X			4'	UC	SA		
Common Spicebush	<i>Lindera benzoin</i>	S		X		X	10'	MC	MA		
Common Wood-Rush	<i>Luzula multiflora</i>	G		X			15"	UC	SA		

Montauk Mesic Forest

(As per Montauk Point Woods)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever- green</u>	<u>Deep Ln</u>	<u>Edges Openings</u>	<u>Wet Areas</u>	<u>Local Rel</u>			<u>Availa- bility</u>	<u>Notes</u>
							<u>Max Ht</u>	<u>Abund Freq</u>			
Cow-Wheat	<i>Melampyrum lineare</i>	WF			X		10"	UC	UA		
Creeping Bent-Grass	<i>Agrostis perennans</i>	G			X		24"	UC	SA		
Cuckoo-Flower	<i>Cardamine pratensis</i>	WF			X	X	12"	R	MA		
Devil's Walkingstick	<i>Aralia spinosa</i>	ST			X	X	30"	UC	MA	Introduced?	
Dwarf Chestnut Oak	<i>Quercus prinoides</i>	S			X		6'	R	UA		
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	WF			X		4"	UC	SA		
Early Goldenrod	<i>Solidago juncea</i>	WF			X		30"	UC	SA		
Early Lowbush Blueberry	<i>Vaccinium pallidum</i>	SS		X	X		24"	UC	VA		
Eastern Cottonwood	<i>Populus deltoides</i>	T									
Eastern Hophornbeam	<i>Ostrya virginiana</i>	ST		X	X		30"	UC	MA		
Eastern Redcedar	<i>Juniperus virginiana</i>	T		X	X	X	40"	R	VA		
Emmon's Sedge	<i>Carex emmonsii</i>	G			X	X	6"	UC	SA		
Enchanter's Nighthshade	<i>Circaea quadrisulcata</i>	WF		X	X	X	18"	UC	SA		
Eyebright	<i>Euphrasia americana</i>	WF		X	X		6"	UC	UA		
False Solomon's-Seal	<i>Smlacina racemosa</i>	WF		X	X	X	18"	UC	MA		
Field Thistle	<i>Cirsium discolor</i>	WF						C			
Flowering Dogwood	<i>Cornus florida</i>	T		X	X		20'	R	MA		
Fox Grape	<i>Vitis labrusca</i>	V		X	X	X	40'	MC	MA		
Frosted Hawthorne	<i>Crataegus pruinosa</i>	T			X		30'	R	SA		
Frostweed	<i>Helianthemum canadense</i>	WF			X		10"	UC	SA		
Gall-of-the-Earth	<i>Prenanthes trifoliata</i>	WF		X	X		24"	UC	SA		
Glaucous Greenbrier	<i>Smilax glauca</i>	V		X	X		5"	UC	UA		
Gray Birch	<i>Betula populifolia</i>	T			X		30'	UC	MA		
Gray Dogwood	<i>Cornus racemosa</i>	T									
Great Solomon's-Seal	<i>Polygonatum canaliculatum</i>	WF			X	X	24"	R	MA		
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S		X	X	X	7'	C	VA		
Hyssop-leaved Thoroughw	<i>Eupatorium hyssopifolium</i>	WF			X		24"	UC	SA		
Indian Cucumber-Root	<i>Mediola virginiana</i>	WF		X	X	X	15"	VR	SA		
Indian Pipe	<i>Monotropa uniflora</i>	WF		X	X		6"	UC	UA		
Inkberry	<i>Ilex glabra</i>	S		X	X	X	6'	UC	VA		
Lady Fern	<i>Atthyrium felix-femina</i>	F				X	3'	UC	MA		

Montauk Mesic Forest

(As per Montauk Point Woods)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever- green</u>	<u>Deep Ln</u>	<u>Edges Openings</u>	<u>Wet Areas</u>	<u>Local Rel</u>			<u>Availa- bility</u>	<u>Notes</u>
							<u>Max Ht</u>	<u>Abund Freq</u>			
Late Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS		X	X		24"	UC		MA	
Late-flowering Aster	<i>Aster patens</i>	WF			X		18"	UC		MA	
Lesser Daisy Fleabane	<i>Erigeron strigosus</i>	WF			X		30"	UC		SA	
Mad-Dog Skullcap	<i>Scutellaria lateriflora</i>	WF			X		12"	UC		SA	
Maleberry	<i>Lyonia ligustrina</i>	S		X	X		8'	UC		SA	
Mapleleaf Viburnum	<i>Viburnum acerifolium</i>	S		X	X	X	5'	R		SA	
Massachusetts Fern	<i>Thelypteris simulata</i>	F					24"	R		SA	
Mockernut Hickory	<i>Carya tomentosa</i>	T		X	X		75'	C		SA	
Mountain Laurel	<i>Kalmia latifolia</i>	S		X	X		12'	MC		MA	
New York Fern	<i>Thelypteris noveboracensis</i>	F			X	X	24"	MC		VA	
Northern Arrowwood	<i>Viburnum recognitum</i>	S			X	X	12'	MC		VA	
Northern Bayberry	<i>Myrica pensylvanica</i>	S			X	X	6'	UC		VA	
Northern Downy Violet	<i>Viola fimbriatula</i>	WF			X	X	4"	MC		SA	
Oblong-leaf Shad	<i>Amelanchier canadensis</i>	S,ST			X	X	20'	MC		VA	
Panicled Aster	<i>Aster simplex</i>	WF			X	X	5'	UC		MA	
Partridgeberry	<i>Mitchella repens</i>	GC			X		2"	R		SA	
Pennsylvania Sedge	<i>Carex pensylvanica</i>	GC		X	X		6"	UC		VA	
Pignut Hickory	<i>Carya glabra</i>	T		X	X		75'	UC		SA	
Pink Lady's-slipper	<i>Cypripedium acaule</i>	WF		X	X		8"	VR		SA	
Pipsissewa	<i>Chimaphilla umbellata</i>	SS	X	X	X		8"	R		SA	
Poison Ivy	<i>Toxicodendron radicans</i>	S,V		X	X	X	40'	C		SA	
Quaking Aspen	<i>Populus tremuloides</i>	T			X	X	60'	UC		MA	
Racemed Milkwort	<i>Polygala polygama</i>	WF			X		8"	R		SA	
Rattlesnake-Weed	<i>Hieracium venosum</i>	WF			X		15"	UC		SA	
Red Maple	<i>Acer rubra</i>	T			X	X	65'	C		VA	
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	S,ST		X	X		20'	UC		VA	
Redberry Wintergreen	<i>Gaultheria procumbens</i>	GC		X	X		2"	UC		MA	
Rough-stemmed Goldenrod	<i>Solidago rugosa</i>	WF			X		30"	UC		SA	
Round-leaved Pyrola	<i>Pyrola rotundifolia</i>	WF		X	X		5"	R		SA	
Sassafras	<i>Sassafras albidum</i>	T		X	X		45'	UC		MA	
Scarlet Oak	<i>Quercus coccinea</i>	T		X	X		75'	MC		MA	

Montauk Mesic Forest

(As per Montauk Point Woods)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever- green</u>	<u>Deep Ln</u>	<u>Edges Openings</u>	<u>Wet Areas</u>	<u>Local Rel</u>			<u>Availa- bility</u>	<u>Notes</u>
							<u>Max Ht</u>	<u>Abund Freq</u>	<u>Rel</u>		
Sessile Bellwort	<i>Uvularia sessilifolia</i>	WF		X	X	X	6"	UC		SA	
Shagbark Hickory	<i>Carya ovata</i>	T		X	X	X	65'	R		MA	
Sheep Laurel	<i>Kalmia angustifolia</i>	SS	X		X	X	3'	R		SA	
Shining Sumac	<i>Rhus copallina</i>	S			X	X	12'	UC		VA	
Silver-Rod	<i>Solidago bicolor</i>	WF		X	X	X	18"	UC		SA	
Smooth Aster	<i>Aster laevis</i>	WF			X	X	24"	VR		MA	
Smooth Shad	<i>Amelanchier laevis</i>	T		X	X	X	20'	UC		MA	
Smooth Sumac	<i>Rhus glabra</i>	S			X	X	12'	UC		MA	
Solomon's-Seal	<i>Polygonatum biflorum</i>	WF		X	X	X	20"	R		MA	
Southern Arrowwood	<i>Viburnum dentatum</i>	S		X	X	X	10'	UC		MA	
Southern Red Oak	<i>Quercus falcata</i>	T		X	X	X	75'	UC		MA	
Speckled Alder	<i>Alnus incana var.rugosa</i>	S,ST			X	X	20'	R		SA	
Spotted Wintergreen	<i>Chimaphila maculata</i>	SS	X	S	S	S	8"	R		SA	
Staggerbush	<i>Lyonia mariana</i>	S		S	S	X	8'	UC		SA	
Star Flower	<i>Trientalis borealis</i>	WF		X			6"	MC		SA	
Swamp Azalea	<i>Rhododendron viscosum</i>	S		X	X	X	10'	UC		MA	
Swamp Candles	<i>Lysimachia terristris</i>	WF			X	X		C		SA	
Swamp Rose	<i>Rosa palustris</i>	S		X	X	X	8'	MC		SA	
Swan's Sedge	<i>Carex swanii</i>	G			X	X	12"	UC		SA	
Sweet Pepperbush	<i>Clethra alnifolia</i>	S			X	X	10'	MC		VA	
Tall Goldenrod	<i>Solidago canadensis</i>	WF			X	X	5'	UC		SA	
Toothed White-topped Aster	<i>Sericocarpus asteroides</i>	WF		X	X	X	24"	UC		UA	
Trout Lily, Dogtooth Lily	<i>Erythronium americanum</i>	WF						C			
Tupelo	<i>Nyssa sylvatica</i>	T			X	X	75'	MC		MA	
Turk's-cap Lily	<i>Lilium superbum</i>	WF			X	X	4'	VR		MA	
Virginia creeper	<i>Parthenocissus quinquefolia</i>	SS,V			X	X	40'	UC		MA	
Virginia Mountain-Mint	<i>Pycnanthemum virginianum</i>	WF		X	X	X	4'	R		SA	
Weak Sedge	<i>Carex debilis</i>	GC	X		X	X	6"	UC		UA	
White Avens	<i>Geum canadense</i>	WF		X	X	X	15"	UC		SA	
White Oak	<i>Quercus alba</i>	T		X	X	X	75'	UC		MA	
White Snakeroot	<i>Eupatorium rugosum</i>	WF			X	X	3'	R		SA	

Montauk Mesic Forest

(As per Montauk Point Woods)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever- green</u>	<u>Deep Ln</u>	<u>Edges Openings</u>	<u>Wet Areas</u>	<u>Local Rel</u>	<u>Max Ht</u>	<u>Abund Freq</u>	<u>Availa- bility</u>	<u>Notes</u>
White Wild Licorice	<i>Gallium circaezans</i>	WF		X	X	X		6"	R	UA	
White Wood Aster	<i>Aster divaricatus</i>	WF		X	X	X		15"	UC	SA	
Whorled Loosetrife	<i>Lysimachia quadrifolia</i>	WF		X	X	X		18"	UC	SA	
Whorled Milkwort	<i>Polygala verticillata</i>	WF			X	X		12"	R	SA	
Wild Geranium	<i>Geranium maculatum</i>	WF			X	X		12"	R	VA	
Wild Raisin	<i>Viburnum lentago</i>	S		X	X	X		8'	R	MA	
Wild Sarsparilla	<i>Aralia nudicaulis</i>	SS		X	X	X		24"	UC	SA	
Witch-Hazel	<i>Hamamelis virginiana</i>	T			X	X		50'	UC	MA	
Wood Anemone	<i>Anemone quinquefolia</i>	WF		X	X	X		5"	MC	MA	
Wood-Betony	<i>Pedicularis canadensis</i>	WF		X	X	X		12"	R	MA	
Yellow Birch	<i>Betula alleghaniensis</i>	T		X	X	X		60'	R	MA	
Yellow Wood-Sorrel	<i>Oxalis stricta</i>	WF			X	X		6"	UC	SA	

T = Tree

ST = Small Tree

S = Shrub

GC = Ground Cover

WF = Wildflower

F = Fern

H = Horsetail

G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)

VC = Very Common

C = Common

UC = Uncommon

R = Rare

VA = Very Available

MA = Moderately Available

SA = Somewhat Available

UA = Unavailable

Montauk Moorlands

(As per Shadmoor)

Common Name	Species Name	Form	Ever-green	Deep In	Edges Openings	Mesic Areas	Max Ht	Relative		Notes
								Abund or Freq	Availa-bility	
American Beachgrass	<i>Ammophila breviligulata</i>	G			X	X	30"	R	VA	
American Germander	<i>Teucrium canadense</i>	WF			X	X	30"	R	MA	
American Holly	<i>Ilex opaca</i>	T	X		X	X	30'	R	VA	
Bebb Willow	<i>Salix bebbiana</i>	S,ST			X	X	20'	UC	MA	
Beggar-Ticks	<i>Bidens frondosa</i>	WF			X	X	30"	UC	SA	
Big Bluestem	<i>Andropogon gerardii</i>	G			X		6'	UC	MA	
Bigtooth Aspen	<i>Populus grandidentata</i>	T			X		45'	R	UA	
Black Cherry	<i>Prunus serotina</i>	T			X		50'	UC	MA	
Black Chokeberry	<i>Aronia melanocarpa</i>	S			X	X	8'	UC	SA	
Black Highbush Blueberry	<i>Vaccinium atrococcum</i>	S								
Black Huckleberry	<i>Gaylussacia baccata</i>	SS			X		4'	UC	VA	
Black Oak	<i>Quercus velutina</i>	T		X	X		75'	UC	MA	
Blue Flag	<i>Iris versicolor</i>	WF			X	X	24"	UC	VA	weedy invasive
Blue Verrain	<i>Verbena hastata</i>	WF			X	X	3'	UC	MA	
Bluecuris	<i>Trichostema dichotomum</i>	WF			X	X	12"	UC	MA	
Blue-eyed Grass	<i>Sisyrinchium atlanticum</i>	WF			X		15"	UC	MA	
Boneset	<i>Eupatorium perfoliatum</i>	WF						C		
Bracken Fern	<i>Pteridium aquilinum</i>	F			X		3'	R	SA	
Bristly Dewberry	<i>Rubus hispidus</i>	GC	X		X	X	3"	C	MA	
Broom-sedge	<i>Andropogon virginicus</i>	G			X	X	30"	UC	VA	
Bushy Aster	<i>Aster dumosus</i>	WF			X		4'	R	MA	
Bushy Frostweed	<i>Helianthemum dumosum</i>	WF			X		6"	R	UA	
Calico Aster	<i>Aster lateriflorus</i>	WF			X		30"	R	SA	
Canada Mayflower	<i>Maianthemum canadense</i>	WF		X	X	X	5"	UC	VA	
Catbrlar	<i>Smilax rotundifolia</i>	V	X		X	X	20'	C	UA	
Changeable Panic Grass	<i>Panicum commutatum</i>	G			X	X	12"	UC	SA	
Christmas Fern	<i>Polystichum acrostichoides</i>	F			X	X	30"	R	VA	
Cleavers	<i>Galium aparine</i>	WF			X	X	4'	UC	SA	
Climbing False Buckwheat	<i>Polygonum scandens</i>	V			X	X	10'	UC	UA	

Montauk Moorlands

(As per Shadmoor)

Common Name	Species Name	Form	Ever-green	Deep In	Edges Openings	Mesic Areas	Max Ht	Relative		
								Abund or Freq	Availa-bility	Notes
Common Cinquefoil	<i>Potentilla simplex</i>	WF			X		5"	UC	SA	
Common Elderberry	<i>Sambucus canadensis</i>	S,ST			X	X	15"	UC	MA	
Common Fleabane	<i>Erigeron annuus</i>	WF			X		30"	UC	SA	
Common Milkweed	<i>Asclepias syriaca</i>	WF			X		4'	UC	SA	
Common Spicebush	<i>Lindera benzoin</i>	S			X	X	10'	R	MA	
Common Winterberry	<i>Ilex verticillata</i>	S			X	X	10'	UC	VA	
Cow-Wheat	<i>Melampyrum lineare</i>	WF			X		10"	UC	UA	
Creeping Bent-Grass	<i>Agrostis perennans</i>	G			X		24"	VC	SA	
Cross-leaved Milkwort	<i>Polygala cruciata</i>	WF			X	X	12"	UC	SA	
Deer-tongue Grass	<i>Panicum clandestinum</i>	G			X	X	30"	UC	SA	
Depauperate Panicum Grass	<i>Panicum depauperatum</i>	G			X		10"	UC	SA	
Devil's Walkingstick	<i>Aralia sphinosa</i>	ST			X		30'	R	MA	
Ditch Reed	<i>Phragmites australis</i>	G			X	X	10'	UC	SA	
Dragon's-Mouth	<i>Arethusa bulbosa</i>	WF		X	X	X	10"	VR	SA	
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	WF			X		4"	UC	SA	
Dwarf Sundrops	<i>Oenothera fruticosa var</i>	WF			X		10"	UC	UA	
Early Goldenrod	<i>Solidago juncea</i>	WF			X		30"	UC	SA	
Eastern Cottonwood	<i>Populus deltoides</i>	T								
Eastern Redcedar	<i>Juniperus virginiana</i>	T		X	X	X	40'	C	VA	
Emmon's Sedge	<i>Carex emmonsii</i>	G			X	X	6"	UC	UA	
Enchanter's Nightshade	<i>Circaea quadrifidata</i>	WF		X	X	X	18"	VR	SA	
Evening Primrose	<i>Oenothera biennis</i>	WF			X		3'	C	MA	
Eyebright	<i>Euphrasia americana</i>	WF			X		6"	R	UA	
False Solomon's-Seal	<i>Smilacina racemosa</i>	WF		X	X	X	18"	R	MA	
Few-flowered Panic Grass	<i>Panicum oligosanthes</i>	G			X	X	10"	R	SA	
Fox Grape	<i>Vitis labrusca</i>	V		X	X	X	40'	C	SA	
Frostweed	<i>Helianthemum canadense</i>	WF			X		10"	UC	SA	
Gall-of-the-Earth	<i>Prenanthes trifoliata</i>	WF		X	X		24"	UC	SA	
Glaucous Greenbrier	<i>Smilax glauca</i>	V			X		5"	C	UA	
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	WF			X	X	4'	UC	SA	
Grass-Pink	<i>Calopogon pulchellus</i>	WF			X	X	18"	R	SA	

Montauk Moorlands

(As per Shadmoor)

Common Name	Species Name	Form	Ever-green	Deep In	Edges Openings	Mesic Areas	Max Ht	Relative		
								Abund or Freq	Availa-bility	Notes
Gray Birch	<i>Betula populifolia</i>	T			X		30'	UC	MA	
Gray Goldenrod	<i>Solidago nemoralis</i>	WF			X		15"	UC	MA	
Great Solomon's-Seal	<i>Polygonatum canaliculatum</i>	WF			X		24"	R	MA	
Hair Grass	<i>Deschampsia flexuosa</i>	G			X		30"	UC	SA	
Heath Aster	<i>Aster ericoides</i>	WF			X		30"	C	MA	
Hedge Bindweed	<i>Convolvulus sepium</i>	V			X		8'	UC	MA	
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S		X	X		7'	VC	VA	
Horse Nettle	<i>Solanum carolinense</i>	WF			X		18"	UC	SA	
Hyssop-leaved Thoroughwort	<i>Eupatorium hyssopifolium</i>	WF			X		24"	C	SA	
Indian Hemp	<i>Apocynum cannabinum</i>	WF			X		4'	UC	UA	
Indian Pipe	<i>Monotropa uniflora</i>	WF		X	X		6"	UC	UA	
Inkberry	<i>Ilex glabra</i>	S		X	X		6'	UC	VA	
Joe-Pye-Weed	<i>Eupatorium dubium</i>	WF			X		7'	UC	MA	
Lady Fern	<i>Athyrium filix-femina</i>	F			X		3'	R	MA	
Lance-leaved Violet	<i>Viola lanceolata</i>	WF			X		6"	UC	MA	
Late Purple Aster	<i>Aster patens</i>	WF			X		18"	UC	MA	
Lesser Daisy Fleabane	<i>Erigeron strigosus</i>	WF			X		30"	UC	SA	
Little Bluestem	<i>Schizachyrium scoparium</i>	G			X		3'	C	VA	
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS			X		2.5'	UC	VA	
Mad-Dog Skullcap	<i>Scutellaria lateriflora</i>	WF			X		12"	UC	SA	
Maleberry	<i>Lyonia ligustrina</i>	S		X	X		8'	C	SA	
Marginate Rush	<i>Juncus marginatus</i>	G			X		15"	UC	UA	
Marsh Fern	<i>Thelypteris palustris</i>	F			X		18"	C	MA	
Maryland Golden-Aster	<i>Chrysopsis mariana</i>	WF			X		18"	UC	MA	
Massachusetts Fern	<i>Thelypteris simulata</i>	F			X		24"	UC	SA	
Meadowsweet	<i>Spiraea latifolia</i>	WF			X		5'	UC	MA	
Mockernut Hickory	<i>Carya tomentosa</i>	T		X	X		75'	UC	SA	
Mountain Laurel	<i>Kalmia latifolia</i>	S	X		X		12'	R	MA	
Muhlenberg's Sedge	<i>Carex muhlenbergii</i>	G			X		18"	UC	UA	
Nantuckett Shad	<i>Amelanchier nantucketensis</i>	S			X		5'	R	UA	
New England Blazing-Star	<i>Liatris scariosa</i> var.	WF			X		15"	R	MA	

Montauk Moorlands

(As per Shadmoor)

Common Name	Species Name	Form	Ever-green	Deep In	Edges Openings	Mesic Areas	Max Ht	Relative		Notes
								Abund or Freq	Availa-bility	
New York Aster	<i>Aster novi-belgii</i>	WF			X	X	24"	UC	MA	
New York Fern	<i>Thelypteris noveboracensis</i>	F			X	X	30"	C	MA	
Nodding Smartweed	<i>Polygonum lapathifolium</i>	WF			X	X	3'	UC	SA	
Northern Arrowwood	<i>Viburnum recognitum</i>	S			X	X	10'	C	VA	
Northern Bayberry	<i>Myrica pensylvanica</i>	S			X	X	6'	C	VA	
Northern Downy Violet	<i>Viola fimbriatula</i>	WF			X	X	3"	UC	SA	
Nuttall's Lobelia	<i>Lobelia nuttallii</i>	WF			X		15"	R		
Oblong-leaf Shad	<i>Amelanchier canadensis</i>	S,ST			X	X	20'	C	VA	
Old-Field Toadflax	<i>Linaria canadensis</i>	WF			X		20"	C	SA	
Panicled Aster	<i>Aster simplex</i>	WF			X	X	5'	C	MA	
Partridge Pea	<i>Cassia fasciculata</i>	WF			X	X	6"	UC	SA	
Pasture Rose	<i>Rosa carolina</i>	S			X		4'	C	MA	
Path Rush	<i>Juncus tenuis</i>	G			X		18"	C	SA	
Pennsylvania Sedge	<i>Carex pensylvanica</i>	GC		X	X		6"	UC	VA	
Pennsylvania Smartweed	<i>Polygonum pensylvanicum</i>	WF			X	X	5'	UC	SA	
Pignut Hickory	<i>Carya glabra</i>	T		X	X		75'	UC	SA	
Pilewort	<i>Erechtites hieracifolia</i>	WF			X		5'	UC	UA	
Pipsissewa	<i>Chimaphilla umbellata</i>	SS	X		X		8"	R	SA	
Poison Ivy	<i>Toxicodendron radicans</i>	S,V		X	X	X	40'	C	SA	
Pokeweed	<i>Phytolacca americana</i>	WF			X	X	6'	UC	SA	
Poor-Man's Pepper	<i>Lepidium virginicum</i>	WF			X		12"	UC	SA	
Prickly Dewberry	<i>Rubus flagellaris</i>	GC,V			X		12"	UC	SA	
Prickly-Pear	<i>Opuntia humitusa</i>	WF			X		8"	UC	VA	
Purple Gerardia	<i>Agalinis purpurea</i>	WF			X	X	20"	UC	MA	
Quaking Aspen	<i>Populus tremuloides</i>	T			X	X	60'	UC	MA	
Racemed Milkwort	<i>Polygala polygama</i>	WF			X		8"	UC	SA	
Ragged-fringed Orchis	<i>Habenaria lacera</i>	WF			X	X	30"	R	SA	
Rattlesnake-Weed	<i>Hieracium venosum</i>	WF			X		18"	UC	MA	
Red Maple	<i>Acer rubra</i>	T			X	X	65'	C	VA	
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	ST		X	X		20'	R	VA	
Rose Pogonia	<i>Pogonia ophioglossoides</i>	WF			X	X	12"	UC	MA	

weedy invasive

Montauk Moorlands

(As per Shadmoor)

Common Name	Species Name	Form	Ever-green	Deep In	Edges Openings	Mesic Areas	Max Ht	Relative		Notes
								Abund or Freq	Availa-bility	
Rough-stemmed Goldenrod	<i>Solidago rugosa</i>	WF			X	X	24"	C	SA	
Round-leaved Thoroughwort	<i>Eupatorium rotundifolium</i>	WF			X	X	3'	R	SA	
Sandplain Gerardia	<i>Agalinis acuta</i>	WF			X	X	15"	VR	UA	State E
Sassafras	<i>Sassafras albidum</i>	T		X	X	X	45'	C	MA	
Scarlet Oak	<i>Quercus coccinea</i>	T		X	X	X	75'	UC	MA	
Seaside Goldenrod	<i>Solidago sempervirens</i>	WF			X	X	30"	C	VA	
Sensitive Fern	<i>Onoclea sensibilis</i>	F		X	X	X	18"	C	MA	
Sheep Laurel	<i>Kalmia angustifolia</i>	SS		X	X	X	3'	UC	SA	
Shining Sumac	<i>Rhus copallina</i>	S			X	X	12'	UC	VA	
Sickle-leaved Golden-Aster	<i>Chrysopsisis falcata</i>	WF			X	X	6"	C	SA	
Silver-Rod	<i>Solidago bicolor</i>	WF		X	X	X	18"	R	SA	
Slender-leaved Goldenrod	<i>Euthamia tenuifolia</i>	WF			X	X	30"	C	MA	
Small-flowered Gerardia	<i>Gerardia pauperula</i>	WF			X	X	24"	UC	SA	
Smooth Hedge-Nettle	<i>Stachys tenuifolia</i>	WF			X	X	30"	UC	SA	
Smooth Shad	<i>Amelanchier laevis</i>	T		X	X	X	35'	R	MA	
Smooth Sumac	<i>Rhus glabra</i>	S,ST			X	X	18'	UC	MA	
Solomon's-Seal	<i>Polygonatum biflorum</i>	WF		X	X	X	20"	R	MA	
Southern Arrowwood	<i>Viburnum dentatum</i>	S		X	X	X	10'	UC	MA	
Southern Red Oak	<i>Quercus falcata</i>	T		X	X	X	75'	VR	MA	
Speckled Alder	<i>Alnus incana var. rugosa</i>	S,ST			X	X	20'	R	SA	
Spherical-seeded Panic Grass	<i>Panicum sphaerocarpon</i>	G			X	X	15'	UC	SA	
Spotted Wintergreen	<i>Chimaphilla maculata</i>	SS	X		X	X	8"	UC	SA	
Staggerbush	<i>Lyonia mariana</i>	S		X	X	X	8'	UC	SA	
Staghorn Sumac	<i>Rhus typhina</i>	S		X	X	X	12'	R	SA	
Star Flower	<i>Trientalis borealis</i>	WF		X	X	X	6"	UC	SA	
Star Grass	<i>Hypoxis hirsuta</i>	WF		X	X	X	8"	UC	SA	
Steeplebush	<i>Spiraea tomentosa</i>	WF			X	X	5'	UC	MA	
Stiff Aster	<i>Aster linarifolius</i>	WF			X	X	15"	C	MA	
Summer Grape	<i>Vitis aestivalis</i>	V		X	X	X	40'	UC	SA	
Swamp Azalea	<i>Rhododendrom viscosum</i>	S	X		X	X	10'	C	MA	
Sweet Pepperbush	<i>Clethra alnifolia</i>	S			X	X	10'	UC	VA	

In Montauk: UC

Montauk Moorlands

(As per Shadmoor)

Common Name	Species Name	Form	Ever-green	Deep In	Edges Openings	Mesic Areas	Max Ht	Relative		
								Abund or Freq	Availa-bility	Notes
Switch Grass	<i>Panicum virgatum</i>	G			X	X	5'	UC	VA	
Tall Redtop Grass	<i>Tridens flava</i>	G			X	X	5'	UC	MA	
Toothed White-topped Aster	<i>Sericarpus asteroides</i>	WF		X	X	X	24"	R	UA	
Trailing Arbutus	<i>Epigaea repens</i>	GC	X		X		3"	VR	SA	
Trout Lily, Dog Tooth Lily	<i>Erythronium americanum</i>	WF						C		
Tupelo	<i>Nyssa sylvatica</i>	T			X	X	75'	UC	MA	
Venus' Looking-Glass	<i>Specularia perfoliata</i>	WF			X	X	15"	UC	SA	
Virgate Gerardia	<i>Agallinis virgata</i>	WF			X	X	24"	R	UA	
Virginia creeper	<i>Parthenocissus quinquefolia</i>	SS,V		X	X	X	40'	C	MA	
Virginia Mountain-Mint	<i>Pycnanthemum virginianum</i>	WF			X	X	4'	R	SA	
Wavy-leaved Aster	<i>Aster undulatus</i>	WF			X	X	15"	R	SA	
Weak Sedge	<i>Carex debilis</i>	GC		X	X	X	6"	R	UA	
White Avens	<i>Geum canadense</i>	WF		X	X	X	15"	R	SA	
White Oak	<i>Quercus alba</i>	T		X	X	X	75'	UC	MA	
White Snakeroot	<i>Eupatorium rugosum</i>	WF			X	X	3'	R	SA	
White Wild Licorice	<i>Galium circaezans</i>	WF		X	X	X	6"	R	UA	
Whorled Loosestrife	<i>Lysimachia quadrifolia</i>	WF		X	X	X	18"	UC	SA	
Whorled Milkwort	<i>Polygala verticillata</i>	WF			X	X	12"	UC	SA	
Whorled Mountain-Mind	<i>Pycnanthemum verticillatum</i>	WF			X	X	30"	R	SA	
Wild Lettuce	<i>Lactuca canadensis</i>	WF			X	X	6'	UC	SA	
Wild Oat Grass	<i>Danthonia spicata</i>	G			X	X	30"	UC	SA	
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	SS		X	X	X	24"	UC	SA	
Wild Strawberry	<i>Fragaria virginiana</i>	GC		X	X	X	4"	UC	SA	
Wood Anemone	<i>Anemone quinquefolia</i>	WF		X	X	X	5"	UC	MA	
Yellow Thistle	<i>Cirsium horridulum</i>	WF			X	X	24"	C	SA	
Yellow Wood-Sorrel	<i>Oxalis stricta</i>	WF			X	X	6"	UC	SA	

North-of-Moraine Coastal Deciduous Woods

(as per Barcelona, Springs, Hither Woods)

Common Name	Species Name	Form	Ever-Deep Edges			Mesic Areas	Max Ht	Relative		Notes
			green	In	Openings			Abund Freq	Availa- bility	
American Beech	<i>Fagus grandifolia</i>	T		X	X	X	65'	C	VA	
American Chestnut	<i>Castanea dentata</i>	T		X	X	X	35'	R	MA	blight resistant
American Hazel	<i>Corylus americana</i>	T			X	X	12'	R	MA	
Bearberry	<i>Arctostaphylos uva-ursi</i>	GC	X		X		3"	VR	MA	
Beech Drops	<i>Epitagus virginiana</i>	GC			X		45'	C	C	
Bigtooth Aspen	<i>Populus grandidentata</i>	T			X			UC	UA	
Bitternut Hickory	<i>Carya cordiformis</i>	T						C	C	
Black Birch	<i>Betula lenta</i>	T		X		X	60'	UC	MA	
Black Cherry	<i>Prunus serotina</i>	T			X		50'	C	MA	
Black Hackleberry	<i>Gaylussacia baccata</i>	SS			X		4'	UC	VA	
Black Oak	<i>Quercus velutina</i>	T		X	X		75'	C	MA	
Blue Vervain	<i>Verbena hastata</i>	WF			X	X	3'	UC	MA	
Blue-stemmed Goldenrod	<i>Solidago caesia</i>	WF			X	X	15"	R	SA	
Bracken Fern	<i>Pteridium aquilinum</i>	F			X		3'	R	SA	
Bristly Dewberry	<i>Rubus hispidus</i>	GC	X		X	X	3"	R	MA	
Bushy Aster	<i>Aster dumosus</i>	WF			X		4'	R	MA	
Butterfly Weed	<i>Asclepia tuberosa</i>	WF			X		2'	R	MA	
Calico Aster	<i>Aster lateriflorus</i>	WF			X		30"	UC	SA	
Canada Mayflower	<i>Maianthemum canadense</i>	WF		X	X	X	5"	UC	VA	
Catbriar	<i>Smilax rotundifolia</i>	V		X	X	X	20'	UC	UA	
Chestnut Oak	<i>Quercus prinus</i>	T		X	X	X	75'	R	SA	
Cleavers	<i>Gallium aparine</i>	WF			X	X	4'	UC	SA	
Colombine	<i>Aquilegia canadensis</i>	WF			X	X	24"	UC	VA	
Common Cinquefoil	<i>Potentilla simplex</i>	WF			X		5"	UC	SA	
Common Elderberry	<i>Sambucus canadensis</i>	ST			X	X	12'	UC	MA	
Common Fleabane	<i>Erigeron annuus</i>	WF			X		30"	UC	SA	
Common Juniper	<i>Juniperus communis</i>	SS			X		3'	R	SA	
Common Milkweed	<i>Asclepias syriaca</i>	WF			X		4'	UC	SA	
Common Spicebush	<i>Lindera benzoin</i>	S			X	X	10'	R	MA	
Cow-Wheat	<i>Melampyrum lineare</i>	WF			X	X	10"	UC	UA	
Creeping Bent-Grass	<i>Agrostis perennans</i>	G			X		24"	UC	SA	
Cuckoo-Flower	<i>Cardamine pratensis</i>	WF			X	X	12"	R	MA	
Downy False Foxglove	<i>Aureolaria virginica</i>	WF			X		4'	R	SA	
Downy Goldenrod	<i>Solidago puberula</i>	WF			X		24"	R	SA	
Downy Rattlesnake Plantain	<i>Goodyera pubescens</i>	WF	X		X	X	6"	VR	MA	
Dwarf Chestnut Oak	<i>Quercus prinoides</i>	S			X	X	6'	R	UA	

North-of-Moraine Coastal Deciduous Woods

(as per Barcelona, Springs, Hither Woods)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Mesic Areas	Max Ht	Relative		Notes
								Abund Freq	Availa-bility	
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	WF					4"	UC	SA	
Early Lowbush Blueberry	<i>Vaccinium pallidum</i>	SS		X	X		30"	MC	VA	
Eastern Cottonwood	<i>Populus deltoides</i>	T								
Eastern Hop Hornbeam	<i>Ostrya virginiana</i>	T							UC	
Eastern Redcedar	<i>Juniperus virginiana</i>	T	X		X	X	40'	UC	VA	
Enchanter's Nightshade	<i>Circaea quadrisulcata</i>	WF		X	X	X	18"	R	SA	
Eyebright	<i>Euphrasia americana</i>	WF			X	X	6"	UC	UA	
False Solomon's-Seal	<i>Smilacina racemosa</i>	WF		X	X	X	18"	UC	MA	
Fern-leaved False Foxglove	<i>Aureolaria pedicularia</i>	WF			X	X	4'	R	SA	
Feverwort	<i>Tristeum perfoliatum</i>	WF						C		
Fiat-topped White Aster	<i>Aster umbellatus</i>	WF			X	X	5'	R	SA	
Flowering Dogwood	<i>Cornus florida</i>	T		X	X		20'	C	MA	
Frosted Hawthorne	<i>Cornus pruinosa</i>	T			X	X	30'	R	SA	
Frostweed	<i>Helianthemum canadense</i>	WF			X	X	10"	UC	SA	
Gall-of-the-Earth	<i>Prenanthes trifoliata</i>	WF		X	X	X	24"	UC	SA	
Glaucous Greenbrier	<i>Smilax glauca</i>	V			X	X	5"	UC	UA	
Gray Birch	<i>Betula populifolia</i>	T			X		30'	UC	MA	
Gray Dogwood	<i>Cornus racemosa</i>	T								
Great Solomon's-Seal	<i>Polygonatum canaliculatum</i>	WF			X	X	24"	R	MA	
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S		X	X	X	7'	C	VA	
Hyssop-leaved Thoroughwort	<i>Eupatorium hyssopifolium</i>	WF			X	X	24"	C	SA	
Indian Cucumber-Root	<i>Mediola virginiana</i>	WF		X	X	X	15"	VR	SA	
Indian Hemp	<i>Apocynum cannabinum</i>	WF		X	X	X	4'	UC	UA	
Indian Pipe	<i>Monotropa uniflora</i>	WF		X	X	X	6"	UC	UA	
Inkberry	<i>Ilex glabra</i>	S		X	X	X	6'	R	VA	
Jump Seed	<i>Tovara virginiana</i>	WF						C		
Lady Fern	<i>Athyrium filix-femina</i>	F				X	3'	UC	MA	
Late Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS		X	X		24"	UC	MA	
Late-flowering Aster	<i>Aster patens</i>	WF			X	X	18"	UC	MA	
Lesser Daisy Fleabane	<i>Erigeron strigosus</i>	WF			X	X	30"	UC	SA	
Little Bluestem	<i>Schizachyrum scoparium</i>	G			X	X	3'	R	VA	
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS			X	X	2.5'	C	VA	
Mad-Dog Skullcap	<i>Scutellaria lateriflora</i>	WF			X	X	12"	UC	SA	
Maleberry	<i>Lyonia ligustrina</i>	S		X	X	X	8'	UC	SA	
Mapleleaf Viburnum	<i>Viburnum acerifolium</i>	S		X	X	X	5'	C	SA	
Maryland Golden-Aster	<i>Chrysopsis mariana</i>	WF			X	X	18"	UC	MA	
Mockernut Hickory	<i>Carya tomentosa</i>	T		X	X		75'	C	SA	

North-of-Moraine Coastal Deciduous Woods

(as per Barcelona, Springs, Hither Woods)

Common Name	Species Name	Form	Ever-		Deep Edges	Openings	Mesic Areas	Max Ht	Relative		Notes
			green	In					Abund Freq	Availa-bility	
Mountain Laurel	<i>Kalmia latifolia</i>	S	x	x	x	x	x	12'	UC	MA	
Northern Arrowwood	<i>Viburnum recognitum</i>	S			x		x	12'	UC	VA	
Northern Bayberry	<i>Myrica pensylvanica</i>	S			x			6'	UC	VA	
Northern Downy Violet	<i>Viola fimbriata</i>	WF			x		x	3"	UC	SA	
Oblong-leaf Shad	<i>Amelanchier canadensis</i>	S,ST			x		x	20'	UC	VA	
Panicle Aster	<i>Aster simplex</i>	WF			x		x	5'	C	MA	
Partridge Pea	<i>Cassia fasciculata</i>	WF			x		x	6"	UC	SA	
Partridgeberry	<i>Mitchella repens</i>	GC			x			2"	R	SA	
Pasture Rose	<i>Rosa carolina</i>	S			x			4'	UC	MA	
Pennsylvania Sedge	<i>Carex pensylvanica</i>	GC		x	x			6"	UC	VA	
Pignut Hickory	<i>Carya glabra</i>	T		x	x			75'	C	SA	
Pilewort	<i>Erechtites hieracifolia</i>	WF			x			5'	UC	UA	
Pinesap	<i>Monotropa hypopithys</i>	WF		x	x			8"	VR	UA	
Pink Lady's-slipper	<i>Cypripedium acaule</i>	WF		x	x			8"	UC	SA	
Pipsissewa	<i>Chimaphila umbellata</i>	SS	x	x	x			8"	R	SA	
Pitch Pine	<i>Pinus rigida</i>	T	x	x	x			60'	R	MA	
Poison Ivy	<i>Toxicodendron radicans</i>	S,V		x	x		x	40'	C	SA	
Pokeweed	<i>Phytolacca americana</i>	WF			x		x	6'	UC	SA	
Poor-Man's Pepper	<i>Lepidium virginicum</i>	WF			x		x	12"	C	SA	weedy invasive
Quaking Aspen	<i>Populus tremuloides</i>	T			x		x	60'	UC	MA	
Racemed Milkwort	<i>Polygala polygama</i>	WF			x		x	8"	R	SA	
Rattlesnake-Weed	<i>Hieracium venosum</i>	WF			x			18"	UC	MA	
Red Maple	<i>Acer rubra</i>	T			x		x	65'	C	VA	
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	ST		x	x			20'	R	VA	
Redberry Wintergreen	<i>Gaultheria procumbens</i>	GC		x	x			2"	R	MA	
Round-leaved Pyrola	<i>Pyrola rotundifolia</i>	WF		x	x			5"	UC	SA	
Sassafras	<i>Sassafras albidum</i>	T		x	x			45'	C	MA	
Scarlet Oak	<i>Quercus coccinea</i>	T		x	x			75'	C	MA	
Sessile Bellwort	<i>Uvularia sessilifolia</i>	WF		x	x		x	6"	UC	SA	
Sheep Laurel	<i>Kalmia angustifolia</i>	SS	x		x		x	3'	UC	SA	
Shining Sumac	<i>Rhus copallina</i>	S			x			12'	UC	VA	
Silver-Rod	<i>Solidago bicolor</i>	WF		x	x			18"	UC	SA	
Smooth Aster	<i>Aster laevis</i>	WF		x	x			24"	R	MA	
Smooth Shad	<i>Amelanchier laevis</i>	T		x	x			20'	UC	MA	
Solomon's-Seal	<i>Polygonatum biflorum</i>	WF		x	x		x	20"	R	MA	
Southern Red Oak	<i>Quercus falcata</i>	T		x	x			75'	VR	MA	
Speckled Alder	<i>Alnus incana var. rugosa</i>	S,ST			x		x	20'	R	SA	

North-of-Moraine Coastal Deciduous Woods

(as per Barcelona, Springs, Hither Woods)

Common Name	Species Name	Form	Ever-Deep Edges			Mesic Areas	Max Ht	Relative		Availa-Notes
			green	In	Openings			Abund Freq	bility	
Spotted Wintergreen	<i>Chimaphilla maculata</i>	SS	X	s	s	X	8"	UC	SA	
Staggerbush	<i>Lyonia mariana</i>	S		s			8'	UC	SA	
Star Flower	<i>Trientalis borealis</i>	WF		X			6"	UC	SA	
Swamp Azalea	<i>Rhododendron viscosum</i>	S	X		X	X	10'	UC	MA	
Sweet fern	<i>Comptonia peregrine</i>	SS			X	X	30"	C	VA	
Sweet Goldenrod	<i>Solidago odora</i>	WF			X	X	2.5'	R	SA	
Sweet Pepperbush	<i>Clethra alnifolia</i>	S			X	X	10'	UC	VA	
Toothed White-topped Aster	<i>Sericarpus asteroides</i>	WF		X	X	X	24"	UC	UA	
Trailing Arbutus	<i>Epigaea repens</i>	GC	X				3"	VR	SA	
Trout Lily, Dog Tooth Lily	<i>Erythronium americanum</i>	WF			X			C		
Tupelo	<i>Nyssa sylvatica</i>	T			X	X	75'	UC	MA	
Turk's-cap Lily	<i>Lilium superbum</i>	WF			X	X	4'	VR	MA	
Virginia creeper	<i>Parthenocissus quinquefolia</i>	SS,V		X	X	X	40'	UC	MA	
Virginia Mountain-Mint	<i>Pycnanthemum virginianum</i>	WF			X	X	4'	R	SA	
Wavy-leaved Aster	<i>Aster undulatus</i>	WF			X		15"	R	SA	
Weak Sedge	<i>Carex debilis</i>	GC		X	X	X	6"	R	UA	
White Avens	<i>Geum canadense</i>	WF		X	X	X	15"	UC	SA	
White Milkweed	<i>Asclepias variegata</i>	WF		X	X	X	24"	VR	SA	
White Oak	<i>Quercus alba</i>	T		X	X		75'	C	MA	
White Pine	<i>Pinus strobus</i>	T		X	X		100'	R	VA	
White Snakeroot	<i>Eupatorium rugosum</i>	WF			X	X	3'	R	SA	
White Wild Licorice	<i>Gallium circaezans</i>	WF		X	X	X	6"	R	UA	
White Wood Aster	<i>Aster divaricatus</i>	WF		X	X	X	15"	C	SA	
Whorled Loosetrife	<i>Lysimachia quadrifolia</i>	WF		X	X		18"	UC	SA	
Whorled Milkwort	<i>Polygala verticillata</i>	WF			X	X	12"	UC	SA	
Wild Geranium	<i>Geranium maculatum</i>	WF			X	X	12"	UC	VA	
Wild Lettuce	<i>Lactuca canadensis</i>	WF			X	X	6'	UC	SA	
Wild Lupine	<i>Lupinus perennis</i>	WF			X	X	18"	UC	VA	
Wild Pink	<i>Siene caroliniana</i>	WF			X	X	4"	R	MA	
Wild Raisin	<i>Viburnum lentago</i>	S		X	X		8'	R	MA	
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	SS		X	X	X	24"	UC	SA	
Wild Strawberry	<i>Fragaria virginiana</i>	GC		X	X	X	4"	UC	MA	
Witch-Hazel	<i>Hamamelis virginiana</i>	T			X	X	50'	R	MA	
Wood Anemone	<i>Anemone quinquefolia</i>	WF		X	X	X	5"	UC	MA	
Wood-Betony	<i>Pedicularis canadensis</i>	WF		X	X	X	12"	R	MA	
Yellow Birch	<i>Betula alleghaniensis</i>	T		X	X	X	60'	R	MA	
Yellow Wood-Sorrel	<i>Oxalis stricta</i>	WF			X		6"	UC	SA	

Morainal Deciduous Woods

(as per Stony Hill woods, Amagansett)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever-green</u>	<u>Deep In</u>	<u>Edges</u>	<u>Openings</u>	<u>Mesic Areas</u>	<u>Max Ht</u>	<u>Rel Abund Freq</u>	<u>Availa-bility</u>	<u>Notes</u>
American Beech	<i>Fagus grandifolia</i>	T		X	X	X	X	65'	C	VA	
American Chestnut	<i>Castanea dentata</i>	T		X	X	X	X	35'	R	MA	blight resistant
American Hazel	<i>Corylus americana</i>	T			X	X	X	12'	R	MA	
American Holly	<i>Ilex opaca</i>	T		X	X	X	X	35'	UC	VA	Amagansett Woods
Bearberry	<i>Arctostaphylos uva-ursi</i>	GC		X	X	X		3"	VR	MA	
Beech Drops	<i>Epfagus virginiana</i>	GC							C		
Bigtooth Aspen	<i>Populus grandidentata</i>	T				X		45'	UC	UA	
Bitternut Hickory	<i>Carya cordiformis</i>	T							C		
Black Birch	<i>Betula lenta</i>	T		X			X	60'	UC	MA	
Black Cherry	<i>Prunus serotina</i>	T			X			50'	C	MA	
Black Huckleberry	<i>Gaylussacia baccata</i>	SS			X			4'	UC	VA	
Black Oak	<i>Quercus velutina</i>	T		X	X			75'	C	MA	
Blue Vervain	<i>Verbena hastata</i>	WF			X	X	X	3'	UC	MA	
Blue-stemmed Goldenrod	<i>Solidago caesia</i>	WF			X	X	X	15"	R	SA	
Bracken Fern	<i>Pteridium aquilinum</i>	F			X	X		3'	R	SA	
Bristly Dewberry	<i>Rubus hispidus</i>	GC	X		X	X	X	3"	R	MA	
Bushy Aster	<i>Aster dumosus</i>	WF			X	X		4'	R	MA	
Calico Aster	<i>Aster lateriflorus</i>	WF			X	X		30"	UC	SA	
Canada Mayflower	<i>Maianthemum canadense</i>	WF		X	X	X	X	5"	UC	VA	
Catbriar	<i>Smilax rotundifolia</i>	V		X	X	X	X	20'	UC	UA	
Chestnut Oak	<i>Quercus prinus</i>	T		X	X		X	75'	R	SA	
Cleavers	<i>Galium aparine</i>	WF			X	X	X	4'	UC	SA	
Colombine	<i>Aquilegia canadensis</i>	WF			X	X	X	24"	UC	VA	
Common Cinquefoil	<i>Potentilla simplex</i>	WF			X	X		5"	UC	SA	
Common Elderberry	<i>Sambucus canadensis</i>	ST			X	X	X	12'	UC	MA	
Common Fleabane	<i>Erigeron annuus</i>	WF			X	X		30"	UC	SA	
Common Juniper	<i>Juniperus communis</i>	SS			X	X		3'	R	SA	
Common Milkweed	<i>Asclepias syriaca</i>	WF			X	X	X	4'	UC	SA	
Common Spicebush	<i>Lindera benzoin</i>	S			X	X	X	10'	R	MA	
Cow-Wheat	<i>Melampyrum lineare</i>	WF			X	X	X	10"	UC	UA	
Creeping Bent-Grass	<i>Agrostis perennans</i>	G			X	X		24"	UC	SA	
Cuckoo-Flower	<i>Cardamine pratensis</i>	WF			X	X	X	12"	R	MA	

Morainal Deciduous Woods

(as per Stony Hill woods, Amagansett)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Rel</u>			<u>Abund</u>	<u>Availa-</u>	<u>Notes</u>	
			<u>Ever-</u>	<u>Deep</u>	<u>Edges</u>				<u>Mesic</u>
			<u>green</u>	<u>In</u>	<u>Openings</u>	<u>Areas</u>	<u>Ht</u>		
Downy False Foxglove	<i>Aureolaria virginica</i>	WF			X		4'	R	SA
Downy Goldenrod	<i>Solidago puberula</i>	WF			X		24"	R	SA
Downy Rattlesnake Plantain	<i>Goodyera pubescens</i>	WF	X	X	X		6"	VR	MA
Dwarf Chestnut Oak	<i>Quercus prinoides</i>	S			X		6'	R	UA
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	WF			X		4"	UC	SA
Early Lowbush Blueberry	<i>Vaccinium pallidum</i>	SS		X	X		30"	C	MA
Eastern Cottonwood	<i>Populus deltoides</i>	T							
Eastern Redcedar	<i>Juniperus virginiana</i>	T	X		X	X	40'	UC	VA
Enchanter's Nightshade	<i>Circaea quadrisulcata</i>	WF		X	X	X	18"	R	SA
Eyebright	<i>Euphrasia americana</i>	WF			X		6"	UC	UA
False Solomon's-Seal	<i>Smilacina racemosa</i>	WF		X	X	X	18"	UC	MA
Fern-leaved False Foxglove	<i>Aureolaria pedicularia</i>	WF			X		4'	R	SA
Feverwort	<i>Trioestum perfoliatum</i>	WF							
Flat-topped White Aster	<i>Aster umbellatus</i>	WF			X	X	5'	R	SA
Flowering Dogwood	<i>Cornus florida</i>	T		X	X		20'	C	MA
Frosted Hawthorne	<i>Crataegus pruinosa</i>	T			X		30'	R	SA
Frostweed	<i>Helianthemum canadense</i>	WF			X		10"	UC	SA
Gall-of-the-Earth	<i>Prenanthes trifoliata</i>	WF		X	X		24"	UC	SA
Glaucous Greenbrier	<i>Smilax glauca</i>	V			X		5"	UC	UA
Gray Birch	<i>Betula populifolia</i>	T			X		30'	UC	MA
Gray Dogwood	<i>Cornus racemosa</i>	T							
Great Solomon's-Seal	<i>Polygonatum canaliculatum</i>	WF			X	X	24"	R	MA
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S		X	X	X	7'	C	VA
Hyssop-leaved Thoroughwort	<i>Eupatorium hyssopifolium</i>	WF			X		24"	C	SA
Indian Cucumber-Root	<i>Mediola virginiana</i>	WF		X	X	X	15"	VR	SA
Indian Hemp	<i>Apocynum cannabinum</i>	WF		X	X	X	4'	UC	UA
Indian Pipe	<i>Monotropa uniflora</i>	WF		X	X		6"	UC	UA
Inkberry	<i>Ilex glabra</i>	S		X	X	X	6'	R	VA
Jump Seed	<i>Tovara virginiana</i>	WF							
Lady Fern	<i>Athyrium filix-femina</i>	F				X	3'	UC	MA
Late Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS		X	X		24"	MC	MA
Late-flowering Aster	<i>Aster patens</i>	WF			X		18"	UC	MA
Lesser Daisy Fleabane	<i>Erigeron strigosus</i>	WF			X		30"	UC	SA

Morainal Deciduous Woods

(as per Stony Hill woods, Amagansett)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever-green</u>	<u>Deep In</u>	<u>Edges</u>	<u>Openings</u>	<u>Mesic Areas</u>	<u>Max Ht</u>	<u>Rel Abund</u>	<u>Availa-bility</u>	<u>Notes</u>
Little Bluestem	<i>Schizachyrium scoparium</i>	G			X			3'	R	VA	
Mad-Dog Skullcap	<i>Scutellaria lateriflora</i>	WF			X			12"	UC	SA	
Maleberry	<i>Lyonia ligustrina</i>	S		X	X		X	8'	UC	SA	
Mapleleaf Viburnum	<i>Viburnum acerifolium</i>	S		X	X		X	5'	C	SA	
Maryland Golden-Aster	<i>Chrysopsis mariana</i>	WF			X			18"	UC	MA	
Mockernut Hickory	<i>Carya tomentosa</i>	T		X	X			75'	C	SA	
Mountain Laurel	<i>Kalmia latifolia</i>	S	X	X	X			12'	UC	MA	
Northern Arrowwood	<i>Viburnum recognitum</i>	S		X	X		X	12'	UC	VA	
Northern Bayberry	<i>Myrica pensylvanica</i>	S			X			6'	UC	VA	
NorthernDowny Violet	<i>Viola fimbriata</i>	WF			X			4"	UC	MA	
Oblong-leaf Shad	<i>Amelanchier canadensis</i>	S,ST			X		X	20'	UC	VA	
Panicled Aster	<i>Aster simplex</i>	WF			X		X	5'	C	MA	
Partridge Pea	<i>Cassia fasciculata</i>	WF			X		X	6"	UC	SA	
Partridgeberry	<i>Mitchella repens</i>	GC			X			2"	R	SA	
Pasture Rose	<i>Rosa carolina</i>	S			X			4'	UC	MA	
Pennsylvania Sedge	<i>Carex pensylvanica</i>	GC		X	X			6"	UC	VA	
Pignut Hickory	<i>Carya glabra</i>	T		X	X			75'	C	SA	
Pilewort	<i>Erechtites hieracifolia</i>	WF			X			5'	UC	UA	
Pinesap	<i>Monotropa hypopithys</i>	WF		X	X			8"	VR	UA	
Pink Lady's-slipper	<i>Cypripedium acaule</i>	WF		X	X			8"	UC	SA	
Pipsissewa	<i>Chimaphilla umbellata</i>	SS	X	X	X			8"	R	SA	
Pitch Pine	<i>Pinus rigida</i>	T	X	X	X			60'	R	MA	
Poison Ivy	<i>Toxicodendron radicans</i>	S,V		X	X		X	40'	C	SA	
Pokeweed	<i>Phytolacca americana</i>	WF			X		X	6'	UC	SA	
Poor-Man's Pepper	<i>Lepidium virginicum</i>	WF			X		X	12"	C	SA	
Quaking Aspen	<i>Populus tremuloides</i>	T			X		X	60'	UC	MA	weedy invasive
Racemed Milkwort	<i>Polygala polygama</i>	WF			X			8"	R	SA	
Red Maple	<i>Acer rubra</i>	T			X		X	65'	C	VA	
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	ST		X	X			20'	R	VA	
Redberry Wintergreen	<i>Gaultheria procumbens</i>	GC		X	X			2"	R	MA	
Round-leaved Pyrola	<i>Pyrola rotundifolia</i>	WF		X	X			5"	UC	SA	
Sassafras	<i>Sassafras albidum</i>	T		X	X			45'	C	MA	
Scarlet Oak	<i>Quercus coccinea</i>	T		X	X			75'	C	MA	

Morainal Deciduous Woods

(as per Stony Hill woods, Amagansett)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever-green</u>	<u>Deep In</u>	<u>Edges</u>	<u>Openings</u>	<u>Mesic Areas</u>	<u>Max Ht</u>	<u>Rel</u>		<u>Notes</u>
									<u>Freq</u>	<u>Availa-bility</u>	
Sessile Bellwort	<i>Uvularia sessilifolia</i>	WF		X	X	X	X	6"	UC	SA	
Sheep Laurel	<i>Kalmia angustifolia</i>	SS	X		X	X	X	3'	UC	SA	
Shining Sumac	<i>Rhus copallina</i>	S			X	X		12'	UC	VA	
Silver-Rod	<i>Solidago bicolor</i>	WF		X	X	X		18"	UC	SA	
Smooth Aster	<i>Aster laevis</i>	WF			X	X		24"	R	MA	
Smooth Shad	<i>Amelanchier laevis</i>	T		X	X	X	X	20'	UC	MA	
Solomon's-Seal	<i>Polygonatum biflorum</i>	WF		X	X	X	X	20"	R	MA	
Southern Red Oak	<i>Quercus falcata</i>	T		X	X	X		75'	VR	MA	In Montauk: UC
Speckled Alder	<i>Alnus incana var. rugosa</i>	S,ST			X	X	X	20'	R	SA	
Spotted Wintergreen	<i>Chimaphila maculata</i>	SS	X	S	S	S		8"	UC	SA	
Staggerbush	<i>Lyonia mariana</i>	S		S	S	S	X	8'	UC	SA	
Star Flower	<i>Trientalis borealis</i>	WF		X				6"	UC	SA	
Swamp Azalea	<i>Rhododendrom viscosum</i>	S			X	X	X	10'	UC	MA	
Sweet Goldenrod	<i>Solidago odora</i>	WF		X	X	X		2.5'	R	SA	
Sweet Pepperbush	<i>Clethra alnifolia</i>	S			X	X	X	10'	UC	VA	
Toothed White-topped Aster	<i>Sericocarpus asteroides</i>	WF		X	X	X		24"	UC	UA	
Trailing Arbutus	<i>Epigaea repens</i>	GC	X					3"	VR	SA	
Trout Lily, Dog Tooth Lily	<i>Erythronium americanum</i>	WF			X				C		
Tupelo	<i>Nyssa sylvatica</i>	T			X	X	X	75'	UC	MA	
Turk's-cap Lily	<i>Lilium superbum</i>	WF			X	X	X	4'	VR	MA	
Virginia creeper	<i>Parthenocissus quinquefolia</i>	SS,V		X	X	X		40'	UC	MA	
Virginia Mountain-Mint	<i>Pycnanthemum virginianum</i>	WF			X	X	X	4'	R	SA	
Wavy-leaved Aster	<i>Aster undulatus</i>	WF			X	X		15"	R	SA	
Weak Sedge	<i>Carex debilis</i>	GC		X	X	X	X	6"	R	UA	
White Avens	<i>Geum canadense</i>	WF		X	X	X	X	15"	UC	SA	
White Milkweed	<i>Asclepias variegata</i>	WF		X	X	X		24"	VR	SA	
White Oak	<i>Quercus alba</i>	T		X	X	X		75'	C	MA	
White Pine	<i>Pinus strobus</i>	T		X	X	X		100'	R	VA	
White Snakeroot	<i>Eupatorium rugosum</i>	WF			X	X	X	3'	R	SA	
White Wild Licorice	<i>Galium circaezans</i>	WF		X	X	X	X	6"	R	UA	
White Wood Aster	<i>Aster divaricatus</i>	WF		X	X	X		15"	C	SA	
Whorled Loosetrife	<i>Lysimachia quadrifolia</i>	WF		X	X	X		18"	UC	SA	
Whorled Milkwort	<i>Polygala verticillata</i>	WF			X	X	X	12"	UC	SA	

Morainal Deciduous Woods

(as per Stony Hill woods, Amagansett)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Ever-green</u>	<u>Deep In</u>	<u>Edges</u>	<u>Openings</u>	<u>Mesic Areas</u>	<u>Max Ht</u>	<u>Rel Abund Freq</u>	<u>Availa-bility</u>	<u>Notes</u>
Wild Geranium	<i>Geranium maculatum</i>	WF			X		X	12"	UC	VA	
Wild Lupine	<i>Lupinus perennis</i>	WF			X			18"	UC	VA	
Wild Pink	<i>Silene caroliniana</i>	WF			X			4"	R	MA	
Wild Raisin	<i>Viburnum lentago</i>	S		X	X			8'	R	MA	
Wild Sarsparilla	<i>Aralia nudicaulis</i>	SS		X	X		X	24"	UC	SA	
Wild Strawberry	<i>Fragaria virginiana</i>	WF			X			3"	UC	SA	
Witch-Hazel	<i>Hamamelis virginiana</i>	T			X		X	50'	R	MA	
Wood Anemone	<i>Anemone quinquefolia</i>	WF		X	X			5"	UC	MA	
Wood-Betony	<i>Pedicularis canadensis</i>	WF		X	X			12"	R	MA	
Yellow Birch	<i>Betula alleghaniensis</i>	T		X	X		X	60'	R	MA	
Yellow Wood-Sorrel	<i>Oxalis stricta</i>	WF			X			6"	UC	SA	

T = Tree

ST = Small Tree

S = Shrub

GC = Ground Cover

WF = Wildflower

F = Fern

H = Horsetail

G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)

Very Common

C = Common

UC = Uncommon

R = Rare

VA = Very Available

MA = Moderately Available

SA = Somewhat Available

UA = Unavailable

Pine Barrens (=Pitch Pine--Oak Association)

(Typical to Northern Wainscott)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Deep In</u>	<u>Edges Openings</u>	<u>Max.Ht.</u>	<u>Fre- quency</u>	<u>Availa- bility</u>	<u>Notes</u>
American Hazelnut	<i>Corylus americana</i>	T		X	10'	R	MA	
Bearberry	<i>Arctostaphylos uva-ursi</i>	GC		X	3"	C	MA	
Beach Plum	<i>Prunus maritima</i>	S		X	7'	R	VA	
Bear Oak	<i>Quercus ilicifolia</i>	S		X	10'	UC	SA	
Bigtooth Aspen	<i>Populus grandidentata</i>	T		X	45'	UC	UA	
Bird's-foot Violet	<i>Viola pedata</i>	WF		X	3"	UC	MA	
Black Cherry	<i>Prunus serotina</i>	T	X	X	50'	UC	MA	
Black Huckleberry	<i>Gaylussacia baccata</i>	SS	X	X	4'	VC	VA	
Black Oak	<i>Quercus velutina</i>	T	X	X	75'	C	MA	
Blue-stemmed Goldenrod	<i>Solidago caesia</i>	WF	X	X	15"	UC	SA	
Blunt-leaved Milkweed	<i>Asclepias amplexicaulis</i>	WF		X	2'	UC	UA	
Bracken Fern	<i>Pteridium aquilinum</i>	F	X	X	3'	C	SA	
Bushy Aster	<i>Aster dumosus</i>	WF		X	4'	UC	MA	
Butterfly-Weed	<i>Asclepias tuberosa</i>	WF		X	18"	UC	VA	
Butternut	<i>Juglans cinerea</i>	T				R		
Calico Aster	<i>Aster lateriflorus</i>	WF		X	30"	UC	SA	
Catbriar	<i>Smilax rotundifolia</i>	V	X	X	20'	UC	UA	
Common Juniper	<i>Juniperus communis</i>	SS	X	X	3'	R	SA	
Common Milkweed	<i>Asclepias syriaca</i>	WF		X	5'	UC	SA	
Cow-Wheat	<i>Melampyrum lineare</i>	WF		X	10"	UC	UA	
Common Strawberry	<i>Fragaria virginiana</i>	WF		X	3"	UC	SA	
Dangleberry	<i>Gaylussacia frondosa</i>	SS	X	X	5'	UC	SA	
Downy False Foxglove	<i>Aureolaria virginica</i>	WF		X	4'	UC	SA	
Downy Goldenrod	<i>Solidago puberula</i>	WF		X	24"	R	SA	
Downy Violet	<i>Viola fimbriatula</i>	WF		X	4"	UC	MA	
Early Lowbush Blueberry	<i>Vaccinium pallidum</i>	SS	X	X	30"	VC	MA	
Eastern Redcedar	<i>Juniperus virginiana</i>	T		X	40'	UC	VA	
Eyebright	<i>Euphrasia americana</i>	WF		X	6"	UC	UA	
Fern-leaved False Foxglove	<i>Aureolaria pedicularia</i>	WF		X	4'	UC	SA	
Flowering Dogwood	<i>Cornus florida</i>	T	X	X	20'	R	MA	
Frostweed	<i>Helianthemum canadense</i>	WF		X	10"	UC	SA	
Glaucus Catbriar	<i>Smilax glauca</i>	V	X	X	5"	UC	UA	
Golden Heather	<i>Hudsonia ericoides</i>	WF		X	6"	UC	SA	
Gray Birch	<i>Betula populifolia</i>	T		X	25'	UC	MA	
Gray Goldenrod	<i>Solidago nemoralis</i>	WF		X	12"	UC	SA	
Heath Aster	<i>Aster ericoides</i>	WF		X	2.5'	UC	SA	
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S	X	X	7'	UC	VA	

Pine Barrens (=Pitch Pine--Oak Association)

(Typical to Northern Wainscott)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Deep</u>	<u>Edges</u>	<u>Openings</u>	<u>Max.Ht.</u>	<u>Fre-</u>	<u>Availa-</u>	<u>Notes</u>
			<u>In</u>	<u>Openings</u>	<u>Max.Ht.</u>		<u>quency</u>	<u>bilty</u>	
Indian Pipe	<i>Monotropa uniflora</i>	WF	X	X	6"		UC	UA	
Inkberry	<i>Ilex glabra</i>	S	X	X	6'		UC	VA	
Jointweed	<i>Polygonella articulata</i>	WF		X	12"		UC	SA	
Late Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS		X	24"		VC	MA	
Little Bluestem	<i>Schizachryum scoparium</i>	G		X	3'		C	VA	
Maleberry	<i>Lyonia ligustrina</i>	S	X	X	8'		UC	SA	
Mockernut Hickory	<i>Carya tomentosa</i>	T	X	X	75'		UC	SA	
Mountain Laurel	<i>Kalmia latifolia</i>	S	X	X	12'		UC	MA	
Northern Bayberry	<i>Myrica pensylvanica</i>	S	X	X	6'		C	VA	
Pasture Rose	<i>Rosa carolina</i>	S		X	4'		UC	MA	
Partridgeberry	<i>Mitchella repens</i>	GC		X	2"		R	SA	
Partridge Pea	<i>Cassia fasciculata</i>	WF		X	6"		UC	SA	
Pennsylvania Sedge	<i>Carex pensylvanica</i>	GC	X	X	6"		C	VA	
Pink Lady's-slipper	<i>Cypripedium acaule</i>	WF	X	X	8"		UC	SA	
Pignut Hickory	<i>Carya glabra</i>	T	X	X	75'		R	SA	
Pilewort	<i>Erichites hieracifolia</i>	WF		X	5'		UC	UA	
Pine-barrens Sandwort	<i>Minuartia caroliniana</i>	WF		X	5"		UC	SA	
Pipsissewa	<i>Chimaphilla umbellata</i>	SS	X	X	8"		R	SA	
Pinesap	<i>Monotropa hypopithys</i>	WF	X	X	8"		VR	UA	
Pitch Pine	<i>Pinus rigida</i>	T	X	X	60'		C	MA	
Poison Ivy	<i>Toxicodendron radicans</i>	S,V	X	X	40'		UC	SA	
Post Oak	<i>Quercus stellata</i>	T		X	40'		R	SA	
Round-leaved Pyrola	<i>Pyrola rotundifolia</i>	WF	X		5"		UC	SA	
Sassafras	<i>Sassafras albidum</i>	T	X	X	45'		UC	MA	
Scarlet Oak	<i>Quercus coccinea</i>	T	X	X	75'		UC	MA	
Shining Sumac	<i>Rhus copallina</i>	S		X	12'		UC	VA	
Showy Aster	<i>Aster spectabilis</i>	WF		X	10"		UC	MA	
Silver-Rod	<i>Solidago bicolor</i>	WF	X	X	18"		UC	SA	
Smooth Shad	<i>Amelanchier laevis</i>	T	X	X	20'		UC	MA	
Spotted Wintergreen	<i>Chimaphilla maculata</i>	SS		S	8"		UC	SA	
Staghorn Sumac	<i>Rhus hirsuta</i>	S		X	15'		R	SA	
Star Flower	<i>Trientalis borealis</i>	WF	X		6"		UC	SA	
Stiff-leaved Aster	<i>Aster linearifolius</i>	WF		X	8'		UC	SA	
Sweetfern	<i>Comptonia peregrina</i>	SS		X	30"		C	VA	
Sweet Goldenrod	<i>Solidago odora</i>	WF		X	30"		UC	SA	
Trailing Arbutus	<i>Epigaea repens</i>	GC		X	3"		UC	SA	
Virginia creeper	<i>Parthenocissus quinquefolia</i>	SS,V	X	X	40'		UC	MA	
Wavy-leaved Aster	<i>Aster undulatus</i>	WF		X	15"		UC	SA	

Pine Barrens (=Pitch Pine--Oak Association)

(Typical to Northern Waincott)

<u>Common Name</u>	<u>Species Name</u>	<u>Form</u>	<u>Deep</u>	<u>Edges</u>	<u>Max.Ht.</u>	<u>Fre-</u>	<u>Availa-</u>	<u>Notes</u>
			<u>In</u>	<u>Openings</u>		<u>quency</u>	<u>bility</u>	
White Milkweed	<i>Asclepias variegata</i>	WF	X	X	24"	VR	SA	
Wild Indigo	<i>Baptisia tinctoria</i>	WF		X	3'	UC	SA	
Wild Lupine	<i>Lupinus perennis</i>	WF		X	18"	UC	MA	
White Oak	<i>Quercus alba</i>	T	X	X	75'	C	MA	
White Pine	<i>Pinus strobus</i>	T	X	X	100'	R	VA	
Wild Pink	<i>Silene caroliniana</i>	WF		X	4"	R	MA	
Wild Raisin	<i>Viburnum lentago</i>	S	X	X	8'	UC	MA	
Redberry Wintergreen	<i>Gaultheria procumbens</i>	GC	X	X	2"	C	MA	
Wood Anemone	<i>Anemone quinquefolia</i>	WF	X	X	5"	UC	MA	
Wood-Betony	<i>Pedicularis canadensis</i>	WF	X	X	12"	R	MA	

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H = Horsetail

G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)

VC = Very Common

C = Common

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R = Rare

VA = Very Available

MA = Moderately Available

SA = Somewhat Available

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MONTAUK GRASSLANDS/SAVANNAH SHRUBLANDS

<u>Common Name</u>	<u>Species Name</u>	<u>Ever-</u>	<u>Deep Edges</u>	<u>Mesic</u>	<u>Max</u>	<u>Abund</u>	<u>Availia- Notes</u>
Acuminate Panic Grass	<i>Panicum acuminatum</i>	G			30"	R	UA
American Germander	<i>Teucrium canadense</i>	WF		X	30"	R	MA
American Holly	<i>Ilex opaca</i>	T	X		30"	R	VA
American Pennyroyal	<i>Hedeoma pulegioides</i>	WF		X			
Bebb Willow	<i>Salix bebbiana</i>	S,ST		X	20'	UC	MA
Beggar-Ticks	<i>Bidens frondosa</i>	WF		X	30"	UC	SA
Big Bluestem	<i>Andropogon gerardii</i>	G		X	6'	UC	MA
Black Cherry	<i>Prunus serotina</i>	T		X	50'	UC	MA
Black Chokeberry	<i>Aronia melanocarpa</i>	S		X	8'	UC	SA
Blue Flag	<i>Iris versicolor</i>	WF		X	24"	UC	VA
Blue Vervain	<i>Verbena hastata</i>	WF		X	3'	UC	MA
Bluecuris	<i>Trichostema dichotomum</i>	WF		X	12"	UC	MA
Blue-eyed Grass	<i>Sisyrinchium atlanticum</i>	WF		X	15"	UC	MA
Blue-eyed Grass	<i>Sisyrinchium angustifolium</i>	WF				C	
Bonaset	<i>Eupatorium perfoliatum</i>	WF				C	
Bristly Dewberry	<i>Rubus hispidus</i>	GC	X		3"	C	MA
Broom-sedge	<i>Andropogon virginicus</i>	G		X	30"	UC	VA
Bushy Aster	<i>Aster dumosus</i>	WF		X	4'	R	MA
Bushy Frostweed	<i>Helianthemum dumosum</i>	WF		X	6"	R	UA
Butterfly Weed	<i>Asclepias tuberosa</i>	WF		X	2'		SA
Buttonweed	<i>Diodia teres</i>	WF					
Calico Aster	<i>Aster lateriflorus</i>	WF		X	30"	R	SA
Canada Mayflower	<i>Maianthemum canadense</i>	WF	X		5"	UC	VA
Catbriar	<i>Smilax rotundifolia</i>	V	X		20'	C	UA
Changeable Panic Grass	<i>Panicum commutatum</i>	G		X	12"	UC	SA
Cleavers	<i>Galium aparine</i>	WF		X	4'	UC	SA
Climbing False Buckwheat	<i>Polygonum scandens</i>	V		X	10'	UC	UA
Common Cinquefoil	<i>Potentilla simplex</i>	WF		X	5"	UC	SA
Common Elderberry	<i>Sambucus canadensis</i>	S,ST		X	15"	UC	MA
Common Fleabane	<i>Erigeron annuus</i>	WF		X	30"	UC	SA
Common Juniper	<i>Juniperus communis</i>	S		X	36"	R	MA
Common Milkweed	<i>Asclepias syriaca</i>	WF		X	4'	UC	SA
Common Spicebush	<i>Lindera benzoin</i>	S		X	10'	R	MA
Common Winterberry	<i>Ilex verticillata</i>	S		X	10'	UC	VA
Creeping Bent-Grass	<i>Agrostis perennans</i>	G		X	24"	VC	SA
Cross-leaved Milkwort	<i>Polygala cruciata</i>	WF		X	12"	UC	SA
Deer-tongue Grass	<i>Panicum clandestinum</i>	G		X	36"	UC	SA
Depauperate Panic Grass	<i>Panicum depauperatum</i>	G		X	10"	UC	SA

MONTAUK GRASSLANDS/SAVANNAH SHRUBLANDS

<u>Common Name</u>	<u>Species Name</u>	<u>ST</u>	<u>Ever-Deep Edges</u>	<u>Mesic</u>	<u>Max</u>	<u>Abund</u>	<u>Availia-Notes</u>
Common Name	Species Name	ST	Ever-Deep Edges	Mesic	Max	Abund	Availia-Notes
Devil's Walking Stick	<i>Aralia spinosa</i>	ST	X	X	30'	R	MA
Ditch Reed	<i>Phragmites australis</i>	G	X	X	10'	UC	SA
Dragon's-Mouth	<i>Arethusa bulbosa</i>	WF	X	X	10"	VR	SA
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	WF	X		4"	UC	SA
Dwarf Sundrops	<i>Oenothera fruticosa</i> var	WF	X		10"	UC	UA
Early Goldenrod	<i>Solidago juncea</i>	WF	X		30"	UC	SA
Eastern Redcedar	<i>Juniperus virginiana</i>	T	X	X	40'	C	VA
Emmon's Sedge	<i>Carex emmonsii</i>	G	X	X	6"	UC	UA
Enchanter's Nightshade	<i>Circaea quadrisulcata</i>	WF	X	X	18"	VR	SA
Evening Primrose	<i>Oenothera biennis</i>	WF	X		3'	C	MA
Eyebright	<i>Euphrasia americana</i>	WF	X		6"	R	UA
False Solomon's-Seal	<i>Smiacina racemosa</i>	WF	X	X	18"	R	MA
Few-flowered Panic Grass	<i>Panicum oligosanthes</i>	G	X		10"	R	SA
Field Thistle	<i>Cirsium discolor</i>	G				C	
Fox Grape	<i>Vitis labrusca</i>	V	X	X	40'	C	SA
Freshwater Cordgrass	<i>Spartina pectinata</i>	G	X	X	6'	UC	MA
Frostweed	<i>Helianthemum canadense</i>	WF	X		10"	UC	SA
Gall-of-the-Earth	<i>Prenanthes trifoliata</i>	WF	X		24"	UC	SA
Glaucous Greenbrier	<i>Smilax glauca</i>	V	X		5"	C	UA
Grass-leaved Goldenrod	<i>Euthamia granitifolia</i>	WF	X	X	4'	UC	SA
Gray Birch	<i>Betula populifolia</i>	T	X		30'	UC	MA
Gray Goldenrod	<i>Solidago nemoralis</i>	WF	X		15"	UC	MA
Great Solomon's-Seal	<i>Polygonatum canaliculatum</i>	WF	X	X	24"	R	MA
Hair Grass	<i>Deschampsia flexuosa</i>	G	X	X	30"	UC	SA
Heath Aster	<i>Aster ericoides</i>	WF	X		30"	C	MA
Hedge Bindweed	<i>Convolvulus sepium</i>	V	X	X	8'	UC	MA
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S	X	X	7'	VC	VA
Horse Nettle	<i>Solanum carolinense</i>	WF	X	X	18"	UC	SA
Hyssop-leaved Thoroughwort	<i>Eupatorium hyssopifolium</i>	WF	X		24"	C	SA
Indian Hemp	<i>Apocynum cannabinum</i>	WF	X	X	4'	UC	UA
Indian Nut-Grass	<i>Sorghastrum nutans</i>	G	X		6'	C	MA
Joe-Pye-Weed	<i>Eupatorium dubium</i>	WF	X	X	7'	UC	MA
Lady Fern	<i>Athyrium felix-femina</i>	F		X	3'	R	MA
Lance-leaved Violet	<i>Viola lanceolata</i>	WF	X		6"	UC	MA
Late Purple Aster	<i>Aster patens</i>	WF	X		18"	UC	MA
Lesser Daisy Fleabane	<i>Erigeron strigosus</i>	WF	X		30"	UC	MA
Little Bluestem	<i>Schizachyrium scoparium</i>	G	X		3'	C	SA
Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS	X		2.5'	UC	VA

MONTAUK GRASSLANDS/SAVANNAH SHRUBLANDS

<u>Common Name</u>	<u>Species Name</u>	<u>Ever-</u>	<u>Deep Edges</u>	<u>Mesic</u>	<u>Max</u>	<u>Abund</u>	<u>Availia- Notes</u>
Lyre-leaved Rock Cress	<i>Arabis lyrata</i>	WF		X	12"	UC	SA
Mad-Dog Skullcap	<i>Scutellaria lateriflora</i>	WF		X	12"	UC	SA
Maleberry	<i>Lyonia ligustrina</i>	S	X	X	8'	C	SA
Marginate Rush	<i>Juncus marginatus</i>	G		X	15"	UC	UA
Maryland Golden-Aster	<i>Chrysopsis mariana</i>	WF		X	18"	UC	MA
Massachusetts Fern	<i>Thelypteris simulata</i>	F		X	24"	UC	SA
Meadowsweet	<i>Spiraea latifolia</i>	WF		X	5'	UC	MA
Mockernut Hickory	<i>Carya tomentosa</i>	T	X	X	75'	UC	SA
Mountain Laurel	<i>Kalmia latifolia</i>	S	X	X	12'	R	MA
Muhlenberg's Rush	<i>Carex muhlenbergii</i>	G	X	X	18"	UC	UA
Nantucket Shad	<i>Carex muhlenbergii</i>	S		X	5'	R	UA
New England Blazing-Star	<i>Liatis scariosa</i> var.	WF		X	15"	R	MA
New York Aster	<i>Aster novi-belgii</i>	WF		X	30"	UC	MA
New York Fern	<i>Thelypteris noveboracensis</i>	F		X	30"	C	MA
Nodding Ladies'-Tresses	<i>Spiranthes cernua</i>	WF		X	12"	UC	SA
Nodding Smartweed	<i>Polygonum lapathifolium</i>	WF		X	3'	UC	SA
Northern Arrowwood	<i>Viburnum recognitum</i>	S		X	10'	C	VA
Northern Bayberry	<i>Myrica pensylvanica</i>	S		X	6'	C	VA
Northern Downy Violet	<i>Viola fimbriatula</i>	WF		X	3"	UC	SA
Nuttall's Lobelia	<i>Lobelia nuttallii</i>	WF		X	15"	R	
Oblong-leaf Shad	<i>Amelanchier canadensis</i>	S,ST		X	20'	C	VA
Old-Field Toadflax	<i>Linaria canadensis</i>	WF		X	20"	C	SA
Panicled Aster	<i>Aster simplex</i>	WF		X	5'	C	MA
Partridge Pea	<i>Cassia fasciculata</i>	WF		X	6"	UC	SA
Partridgeberry	<i>Mitchella repens</i>	GC		X	2"	R	SA
Pasture Rose	<i>Rosa carolina</i>	S		X	4'	C	MA
Path Rush	<i>Juncus tenuis</i>	G		X	18"	C	SA
Pearly Everlasting	<i>Anaphalis margaritacea</i>	WF		X	30"	UC	SA
Pennsylvania Sedge	<i>Carex pensylvanica</i>	GC	X	X	6"	UC	VA
Pennsylvania Smartweed	<i>Polygonum pensylvanicum</i>	WF		X	5'	UC	SA
Pilewort	<i>Erechtites hieracifolia</i>	WF		X	5'	UC	UA
Pink Lady's-Slipper	<i>Cypripedium acaule</i>	WF	X	X	10"	UC	SA
Pink Wild Bean	<i>Strophostyles umbellata</i>	V		X	2'	R	SA
Poison Ivy	<i>Toxicodendron radicans</i>	S,V	X	X	40'	C	SA
Pokeweed	<i>Phytolacca americana</i>	WF		X	6'	UC	SA
Poor-Man's Pepper	<i>Lepidium virginicum</i>	WF		X	12"	UC	SA
Post Oak	<i>Quercus stellata</i>	T		X	20'	UC	MA
Prickly Dewberry	<i>Rubus flagellaris</i>	GC,V		X	12"	UC	SA

MONTAUK GRASSLANDS/SAVANNAH SHRUBLANDS

<u>Common Name</u>	<u>Species Name</u>	<u>Ever-</u>	<u>Deep Edges</u>	<u>Mesic</u>	<u>Max</u>	<u>Abund</u>	<u>Availia- Notes</u>
Prickly-Pear	<i>Opuntia humifusa</i>	WF	X		8"	UC	VA
Purple Gerardia	<i>Agallinis purpurea</i>	WF	X	X	20"	UC	MA
Purple Lovegrass	<i>Eragrostis spectabilis</i>	G	X		18"	C	MA
Racemed Milkwort	<i>Polygala polygama</i>	WF	X		8"	UC	SA
Rattlesnake-Weed	<i>Hieracium venosum</i>	WF	X		18"	UC	MA
Red Fescue	<i>Festuca rubra</i>	G	X	X	12"	UC	VA
Red Maple	<i>Acer rubra</i>	T	X	X	65'	C	VA
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	ST	X		20'	R	VA
Rough-stemmed Goldenrod	<i>Solidago rugosa</i>	WF	X	X	24"	C	SA
Sandplain Gerardia	<i>Agalinis acuta</i>	WF	X		15"	R	UA
Seaside Goldenrod	<i>Solidago sempervirens</i>	WF	X	X	30"	C	VA
Sensitive Fern	<i>Onoclea sensibilis</i>	F	X	X	18"	C	MA
Sessile Bellwort	<i>Uvularia sessilifolia</i>	WF	X	X	6"	R	SA
Sheep Laurel	<i>Kalmia angustifolia</i>	SS	X	X	3'	UC	SA
Shining Sumac	<i>Rhus copallina</i>	S	X		12'	UC	VA
Sickle-leaved Golden-Aster	<i>Chrysopsis falcata</i>	WF	X		6"	C	SA
Silver-Rod	<i>Solidago bicolor</i>	WF	X		18"	R	SA
Slender Ladies' - Tresses	<i>Spiranthes gracilis</i>	WF	X	X	12"	UC	SA
Slender-leaved Goldenrod	<i>Euthamia tenuifolia</i>	WF	X	X	30"	C	MA
Smooth Hedge-Nettle	<i>Stachys tenuifolia</i>	WF	X	X	30"	UC	SA
Smooth Sumac	<i>Rhus glabra</i>	S,ST	X	X	18'	UC	MA
Solomon's-Seal	<i>Polygonatum biflorum</i>	WF	X	X	20"	R	MA
Southern Arrowwood	<i>Viburnum dentatum</i>	T	X		75'	VR	MA
Sphaerical-seeded Panicum	<i>Panicum sphaerocarpon</i>	G	X	X	15"	UC	SA
Spring Ladies'-Tresses	<i>Spiranthes vernalis</i>	WF	X	X	15"	VR	SA
Staggerbush	<i>Lyonia mariana</i>	S	X	X	8'	UC	SA
Staghorn Sumac	<i>Rhus typhina</i>	S	X	X	12'	R	SA
Star Flower	<i>Trientalis borealis</i>	WF	X	X	6"	UC	SA
Star Grass	<i>Hypoxis hirsuta</i>	WF	X	X	8"	UC	SA
Steeplebush	<i>Spiraea tomentosa</i>	WF	X	X	5'	UC	MA
Stiff Aster	<i>Aster linariifolius</i>	WF	X		15"	C	MA
Summer Grape	<i>Vitis aestivalis</i>	V	X		40'	UC	SA
Swamp Azalea	<i>Rhododendrom viscosum</i>	S	X	X	10'	C	MA
Swann's Sedge	<i>Carex swanii</i>	G	X	X	8"	UC	UA
Sweet Everlasting	<i>Gnaphalium Obtusifolium</i>	WF	X	X	24"	UC	MA
Sweet Pepperbush	<i>Clethra alnifolia</i>	S	X	X	10'	UC	VA
Sweetfern	<i>Comptonia peregrina</i>	S	X	X	30"	UC	MA
Switchgrass	<i>Panicum virgatum</i>	G	X	X	5'	C	VA

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MONTAUK GRASSLANDS/SAVANNAH SHRUBLANDS

<u>Common Name</u>	<u>Species Name</u>	<u>Ever-</u>	<u>Deep Edges</u>	<u>Mesic</u>	<u>Max</u>	<u>Abund</u>	<u>Availia- Notes</u>
Tall Redtop Grass	<i>Tridens flava</i>	G			5'	UC	MA
Toothed White-topped Aster	<i>Sericarpus asteroides</i>	WF	X	X	24"	R	UA
Triple-awned Grass	<i>Aristida purpurascens</i>	G		X	18"	C	SA
Venus' Looking-Glass	<i>Specularia perfoliata</i>	WF		X	15"	UC	SA
Virginia Mountain-Mint	<i>Pycnanthemum virginianum</i>	WF		X	4'	R	SA
Wavy-leaved Aster	<i>Aster undulatus</i>	WF		X	15"	R	SA
White Lettuce	<i>Prenanthes alba</i>	WF				C	
White Snakeroot	<i>Eupatorium rugosum</i>	WF		X	3'	R	SA
White Wild Licorice	<i>Galium circaeans</i>	WF		X	6"	R	UA
Whorled Milkwort	<i>Polygala verticillata</i>	WF		X	12"	UC	SA
Wild Lettuce	<i>Lactuca canadensis</i>	WF		X	6'	UC	SA
Wild Oat Grass	<i>Danthonia spicata</i>	G		X	30"	UC	SA
Wild Rye	<i>Elymus virginicus</i>	G		X	36"	UC	SA
Wild Sarsaparilla	<i>Aralia nudicaulis</i>	SS	X	X	24"	UC	SA
Wild Strawberry	<i>Fragaria virginiana</i>	GC		X	4"	UC	SA
Yellow Thistle	<i>Cirsium horridulum</i>	WF		X	24"	C	SA

T = Tree
 ST = Small Tree
 S = Shrub
 GC = Ground Cover
 WF = Wildflower
 F = Fern
 H = Horsetail
 G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)

VC = Very Common
 C = Common
 UC = Uncommon
 R = Rare

VA = Very Available
 MA = Moderately Available
 SA = Somewhat Available
 UA = Unavailable

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Rel		Notes
									Abund Freq	Availa-bility	
Acuminate Panic Grass	<i>Panicum acuminatum</i>	G			X			20"	C	SA	
American Beech	<i>Fagus grandifolia</i>	T		X	X			65'	UC	VA	
American Chestnut	<i>Castanea dentata</i>	T			X			35'	R	MA	blight resistant
American Germander	<i>Teucrium canadense</i>	WF			X			30"	UC	MA	
American Hazel	<i>Corylus americana</i>	T			X			12'	R	MA	
American Water-Horehound	<i>Lycopus americanus</i>	WF			X	X		24"	R	SA	
Beach Plum	<i>Prunus maritima</i>	S			X			7'	R	VA	
Bear Oak	<i>Quercus ilicifolia</i>	S			X			10'	R	SA	
Bearberry	<i>Arctostaphylos uva-ursi</i>	GC	X		X			3"	UC	MA	
Beech Drops	<i>Epifagus virginiana</i>	GC					X	30"	C	SA	
Beggar-Ticks	<i>Bidens frondosa</i>	WF			X			5'	UC	VA	
Big Bluestem	<i>Andropogon gerardii</i>	G			X			45'	UC	UA	
Bigtooth Aspen	<i>Populus grandidentata</i>	T			X			3"	UC	MA	
Bird's-foot Violet	<i>Viola pedata</i>	WF			X						
Bitternut Hickory	<i>Carya cordiformis</i>	T						50'	C	MA	
Black Cherry	<i>Prunus serotina</i>	T			X			4'	VC	VA	
Black Huckleberry	<i>Gaylussacia baccata</i>	SS		X	X			75'	C	MA	
Black Oak	<i>Quercus velutina</i>	T		X	X			24"	R	SA	
Black Snakeroot	<i>Sanicula marylandica</i>	WF		X	X			24"	UC	VA	May be adventive
Black-eyed Susan	<i>Rudbeckia hirta</i>	WF			X			5'	UC	MA	
Blue Vervain	<i>Verbena hastata</i>	WF			X		X	15"	UC	SA	
Blue-stemmed Goldenrod	<i>Solidago caesia</i>	WF		X	X			2'	UC	UA	
Blunt-leaved Milkweed	<i>Asclepias amplexicaulis</i>	WF			X			30"	UC	SA	
Bosc's Panic Grass	<i>Panicum bosci</i>	G			X			3'	C	MA	
Bracken Fern	<i>Pteridium aquilinum</i>	F		X	X			3"	C	MA	
Bristly Dewberry	<i>Rubus hispidus</i>	GC	X		X		X	3.5'	C	VA	
Broom-Sedge	<i>Andropogon virginicus</i>	G			X			4'	UC	MA	
Bushy Aster	<i>Aster dumosus</i>	WF			X			6"	R	UA	
Bushy Frostweed	<i>Helianthemum dumosum</i>	WF			X						

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Rel		Availability	Notes
									Abund Freq	UC		
Butterfly-Weed	<i>Asclepias tuberosa</i>	WF			X			18"	UC	V/A		
Calico Aster	<i>Aster lateriflorus</i>	WF			X			30"	UC	SA		
Canada Goldenrod	<i>Solidago canadensis</i>	WF			X			5'	C	MA		
Canada Mayflower	<i>Maianthemum canadense</i>	WF		X	X			5"	C	V/A		
Canada St. Johnswort	<i>Hypericum canadense</i>	WF			X			12"	UC	UA		
Cardinal-Flower	<i>Lobelia cardinalis</i>	WF		X	X			4'	R	MA		
Catbriar	<i>Smilax rotundifolia</i>	V		X	X			20'	UC	UA		
Chestnut Oak	<i>Quercus prinus</i>	T		X	X			75'	C	SA		
Cinnamon Fern	<i>Osmunda cinnamomea</i>	F		X	X			4'	C	V/A		
Clammy Ground Cherry	<i>Physalis heterophylla</i>	WF			X			24"	R	SA		
Cleavers	<i>Galium aparine</i>	WF			X		X	4'	UC	SA		
Coast Pinweed	<i>Lechea maritima</i>	WF			X			15"	UC	UA		
Common Cinquefoil	<i>Potentilla simplex</i>	WF			X			5"	C	SA		
Common Evening-Primrose	<i>Oenothera biennis</i>	WF			X			30"	UC	SA		
Common Juniper	<i>Juniperus communis</i>	SS		X	X			3'	R	SA		
Common Milkweed	<i>Asclepias syriaca</i>	WF			X			4'	UC	SA		
Common Nightshade	<i>Solanum americanum</i>	WF			X			30"	UC	SA		
Common Polypody	<i>Polypodium virginianum</i>	F	X					15"	R	MA		
Common Ragweed	<i>Ambrosia artemisiifolia</i>	WF			X			30"	C	V/A		Weedy invasive
Common Spicebush	<i>Lindera benzoin</i>	S			X			10'	UC	MA		
Common Winterberry	<i>Ilex verticillata</i>	S		X	X			12'	C	V/A		
Common Woodreed	<i>Cinna arundinacea</i>	G		X	X			4'	UC	SA		
Cow-Wheat	<i>Melampyrum lineare</i>	WF			X			10"	UC	UA		
Creeping Bent	<i>Agrostis perenans</i>	G			X			30"	C	MA		
Cuckoo-Flower	<i>Cardamine pratensis</i>	WF			X			12"	R	MA		
Dangleberry	<i>Gaylussacia frondosa</i>	SS		X	X			5'	C	SA		
Deer-tongue Grass	<i>Panicum clandestinum</i>	G			X			30"	C	SA		
Devil's Walkingstick	<i>Aralia spinosa</i>	T			X			30'	UC	SA		
Dodder	<i>Cuscuta groenovii</i>	V			X		X	5'	UC	UA		
Downy False Foxglove	<i>Aureolaria virginica</i>	WF			X			4'	UC	SA		

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Ever-Deep Edges				Mesic Areas	Max Ht	Abund Freq	Rel Availa- bility	Notes
		Form green	In	Openings	Areas					
Downy Goldenrod	<i>Solidago puberula</i>	WF		X	X	24"	R	SA		
Downy Rattlesnake Plantain	<i>Goodyera pubescens</i>	WF	X	X	X	6"	R	MA		
Dwarf Chestnut Oak	<i>Quercus prinoides</i>	S				6'	R	UA		
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	WF		X	X	4"	UC	SA		
Dwarf Dandelion	<i>Krigia virginica</i>	WF		X	X	10"	UC	SA		
Dwarf St. Johnswort	<i>Hypericum mutilum</i>	WF		X	X	8"	R	UA		
Early Lowbush Blueberry	<i>Vaccinium pallidum</i>	SS		X	X	30"	MC	MA		
Early Meadow-Rue	<i>Thalictrum dioicum</i>	WF		X	X	36"	UC	SA		
Eastern Redcedar	<i>Juniperus virginiana</i>	T	X	X	X	40'	UC	VA		
Ebony Spleenwort	<i>Asplenium platyneuron</i>	F	X	X	X	18"	R	MA		
Enchanter's Nightshade	<i>Circea lutetiana</i>	WF		X	X	24"	UC	MA		
Evergreen Woodfern	<i>Dryopteris cristata</i>	F	X	X	X	24"	R	MA		
Eyebright	<i>Euphrasia nemorosa</i>	WF		X	X	6"	UC	UA		
False Pimpernel	<i>Lindernia dubia</i>	WF		X	X	12"	UC	SA		
False Solomon's-Seal	<i>Smilacina racemosa</i>	WF		X	X	18"	UC	MA		
Fern-leaved False Foxglove	<i>Aureolaria pedicularia</i>	WF		X	X	4'	UC	SA		
Flowering Dogwood	<i>Cornus florida</i>	T		X	X	20'	C	MA		
Fox Grape	<i>Vitis labrusca</i>	V		X	X	50'	UC	MA		
Frosted Hawthorne	<i>Crataegus pruinosa</i>	T		X	X	30'	R	SA		
Frostweed	<i>Helianthemum canadense</i>	WF		X	X	10"	UC	SA		
Gall-of-the-Earth	<i>Prenanthes trifoliata</i>	WF	X	X	X	24"	UC	SA		
Glaucus Catbriar	<i>Smilax glauca</i>	V	X	X	X	5"	UC	UA		
Goat's Rue	<i>Tephrosia virginiana</i>	WF		X	X	18"	UC	SA		
Golden Heather	<i>Hudsonia ericoides</i>	WF		X	X	10"	UC	MA		
Grass-leaved Goldenrod	<i>Euthamia granitifolia</i>	WF		X	X	36"	UC	SA		
Gray Birch	<i>Betula populifolia</i>	T		X	X	30'	UC	MA		
Gray Goldenrod	<i>Solidago nemoralis</i>	WF		X	X	12"	UC	SA		
Great Solomon's-Seal	<i>Polygonatum canaliculatum</i>	WF		X	X	24"	R	MA		
Green Wood Orchis	<i>Habenaria clavellata</i>	WF	X	X	X	12"	R	SA		
Groundsel Bush	<i>Baccharis halimifolia</i>	S		X	X	7'	UC	VA		

May be introduced wee

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Abund Freq	Rel	Availa-bility	Notes
Hairy Bush-Clover	<i>Lespedeza hirta</i>	WF			X			30"	UC	SA		
Hay-scented Fern	<i>Dennstaedtia punctilobula</i>	F			X			24	UC	VA		
Heath Aster	<i>Aster ericoides</i>	WF			X			2.5'	UC	SA		
Hedge Bindweed	<i>Calystegia sepium</i>	V			X			6'	UC	SA		
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S		X	X			7'	C	VA		
Horse-Nettle	<i>Solanum carolinense</i>	WF			X			24"	UC	MA		
Horseweed	<i>Conzva canadensis</i>	WF			X			5'	C	UA		Weedy invasive
Hyssop Hedge-Nettle	<i>Stachys hyssopifolia</i>	WF			X			30"	R	SA		
Indian Cucumber-Root	<i>Mediola virginiana</i>	WF		X	X			15"	VR	SA		
Indian Hemp	<i>Apocynum cannabinum</i>	WF		X	X			4'	UC	UA		
Indian Pipe	<i>Monotropa uniflora</i>	WF		X	X			6"	UC	UA		
Inkberry	<i>Ilex glabra</i>	S		X	X			6'	C	VA		
Jack-in-the-Pulpit	<i>Arisaema atorubens</i>	WF		X	X			12"	R	MA		
Lady Fern	<i>Athyrium filix-femina</i>	F			X			3'	UC	MA		
Lance-leaved Coreopsis	<i>Coreopsis lanceolata</i>	WF			X			30"	R	VA		
Lance-leaved Violet	<i>Viola lanceolata</i>	WF			X			5"	UC	SA		
Late Lowbush Blueberry	<i>Vaccinium angustifolium</i>	SS		X	X			24"	UC	MA		
Late-flowering Aster	<i>Aster patens</i>	WF			X			18"	UC	MA		
Leatherleaf	<i>Chamaedaphne calyculata</i>	S	X					5'	UC	MA		
Liaepsopsis	<i>Liaepsopsis chinensis</i>	WF						4"	R	UA		
Little Bluestem	<i>Schizachnium scoparium</i>	G			X			3'	C	VA		
Lyre-leaved Rock-Cress	<i>Arabis lyrata</i>	WF			X			12"	UC	SA		
Mad-Dog Skullcap	<i>Scutellaria lateriflora</i>	WF			X			24"	UC	SA		
Maleberry	<i>Lyonia ligustrina</i>	S		X	X			8'	C	SA		
Mapleleaf Viburnum	<i>Viburnum acerifolium</i>	S		X	X			5'	C	SA		
Marsh Fern	<i>Thelypteris palustris</i>	F			X			18"	C	SA		
Marsh St. Johnswort	<i>Triadenum virginicum</i>	WF			X			20"	UC	MA		
Marsh Willow-Herb	<i>Epilobium palustre</i>	WF			X			24"	UC	UA		
Maryland Golden-Aster	<i>Aster mariana</i>	WF			X			15"	UC	MA		
Merrmaid-Weed	<i>Proserpinaca palustris</i>	WF			X			12"	UC	SA		

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Ever- Deep Edges				Mesic Areas	Max Ht	Abund Freq	Rel	Availa- bility	Notes
		Form	green	In	Openings						
Mockernut Hickory	<i>Carya tomentosa</i>	T		X	X		75'	UC		SA	
Mountain Laurel	<i>Kalmia latifolia</i>	S	X	X	X		12'	UC		MA	
Muhlenberg's Sedge	<i>Carex muhlenbergii</i>	G			X		18"	UC		SA	
New York Fern	<i>Thelypteris noveboracensis</i>	F		X	X		30"	R		MA	
Nodding Bur Marigold	<i>Bidens cernua</i>	WF			X	X	30"	UC		SA	
Northern Arrowwood	<i>Viburnum recognitum</i>	S			X	X	12'	C		V/A	
Northern Bayberry	<i>Myrica pensylvanica</i>	S		X	X		6'	C		V/A	
Northern Downy Violet	<i>Viola fimbriatula</i>	WF			X		4"	UC		MA	
Northern Downy Violet	<i>Viola sagittata</i>	WF			X	X	3"	C		SA	
Northern St.Johnswort	<i>Hypericum boreale</i>	WF			X	X	1"	R		UA	
Northern Water-Horehound	<i>Lycopus uniflorus</i>	WF			X	X	24"	UC		UA	
Northern White Violet	<i>Viola macloskeyi var.pallens</i>	WF			X	X	5"	R		SA	
Old-leaf Shad	<i>Amelanchier canadensis</i>	S,ST			X	X	20'	UC		V/A	
Old-Field Toadflax	<i>Linaria canadensis</i>	WF			X		18"	C		MA	
Panicled Aster	<i>Aster lanceolatus var.simplex</i>	WF			X	X	5'	C		MA	
Partridge Pea	<i>Cassia fasciculata</i>	WF			X	X	6"	UC		SA	
Partridgeberry	<i>Mitchella repens</i>	GC		X	X		2"	R		SA	
Pasture Rose	<i>Rosa carolina</i>	S			X		4'	UC		MA	
Pearly Everlasting	<i>Anaphalis margaritacea</i>	WF			X		24"	UC		SA	
Pennsylvania Sedge	<i>Carex pensylvanica</i>	GC		X	X		6"	VC		V/A	
Persimmon	<i>Diospyros virginiana</i>	T			X	X	35'	R		V/A	
Pignut Hickory	<i>Carya glabra</i>	T		X	X		75'	UC		SA	
Pilewort	<i>Erechtites hieracifolia</i>	WF			X		5'	UC		UA	
Pine-barrens Sandwort	<i>Minuartia caroliniana</i>	WF			X		5"	UC		SA	
Pinesap	<i>Monotropa hypopithys</i>	WF		X	X		8"	VR		UA	
Pine-Weed	<i>Hypericum gentianoides</i>	WF			X		12"	UC		UA	
Pink Lady's-slipper	<i>Cypripedium acaule</i>	WF		X	X		8"	UC		SA	
Pipsissewa	<i>Chimaphila umbellata</i>	SS	X	X	X		8"	R		SA	
Pitch Pine	<i>Pinus rigida</i>	T	X	X	X		60'	C		MA	
Plantain-leaved Pussytoes	<i>Antennaria plantaginifolia</i>	WF			X		6"	UC		UA	

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Ever- Deep Edges				Mesic Areas	Max Ht	Rel		Abund Availia- Notes
		Form	green	In	Openings			Freq	bility	
Poison Ivy	<i>Toxicodendron radicans</i>	S, V		X	X	X	40'	C	SA	
Pokeweed	<i>Phytolacca americana</i>	WF			X	X	6'	UC	SA	
Poor-Man's Pepper	<i>Lepidium virginicum</i>	WF			X		12"	C	SA	weedy invasive
Post Oak	<i>Quercus stellata</i>	T			X		40'	R	SA	
Prickly-Pear	<i>Opuntia humifusa</i>	WF			X		6"	R	MA	
Primrose-leaved Violet	<i>Viola x primulifolia</i>	WF			X		5"	R	SA	
Princess-Pine	<i>Lycopodium obscurum</i>	GC			X		8"	UC	SA	
Purple Gerardia	<i>Agalinis gerardia</i>	WF			X		24"	UC	MA	
Purple Love Grass	<i>Eragrostis spectabilis</i>	G			X		18"	UC	SA	
Quaking Aspen	<i>Populus tremuloides</i>	T			X		60'	UC	MA	
Racemed Milkwort	<i>Polypala polygama</i>	WF			X		8"	C	SA	
Rattlesnake-Weed	<i>Hieracium venosum</i>	WF			X		18"	UC	MA	
Red Fescue	<i>Festuca rubra</i>	G			X		18"	C	VA	
Red Maple	<i>Acer rubra</i>	T			X		65'	C	VA	
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	ST		X	X		20'	UC	VA	
Redberry Wintergreen	<i>Gaultheria procumbens</i>	GC		X	X		2"	C	MA	
Red-Osier Dogwood	<i>Cornus stolonifera</i>	S			X		10'	R	VA	
Rough-stemmed Goldenrod	<i>Solidago rugosa</i>	WF			X		30"	C	SA	
Round-headed Bush-Clover	<i>Lespedeza capitata</i>	WF			X		30"	C	SA	
Round-leaved Pyrola	<i>Pyrola rotundifolia</i>	WF	X		X		5"	UC	SA	
Round-leaved Triodanis	<i>Triodanis perfoliata</i>	WF			X		18"	UC	SA	
Royal Fern	<i>Osmunda regalis</i>	F		X			36"	UC	VA	
Sassafras	<i>Sassafras albidum</i>	T		X	X		45'	UC	MA	
Scarlet Oak	<i>Quercus coccolinea</i>	T		X	X		75'	C	MA	
Seedbox	<i>Ludwigia alternifolia</i>	WF			X		30"	UC	SA	
Sensitive Fern	<i>Onoclea sensibilis</i>	F			X		24"	C	SA	
Seorse Sedge	<i>Carex serotusa</i>	G			X		12"	UC	UA	NYS listed
Sessile Bellwort	<i>Uvularia sessilifolia</i>	WF		X	X		6"	UC	SA	
Sheep Laurel	<i>Kalmia angustifolia</i>	SS	X		X		3'	UC	SA	
Shining Sumac	<i>Rhus copallina</i>	S			X		12'	UC	VA	

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Ever- Deep Edges				Mesic Areas	Max Ht	Abund Freq	Rel Availa- bility	Notes
		Form green	In	Openings	Areas					
Short-toothed Mountain-Mint	<i>Pycnanthemum muticum</i>	WF		X	X	30"	R	SA	?	
Showy Aster	<i>Aster spectabilis</i>	WF		X	X	10"	UC	MA		
Sickle-leaved Golden-Aster	<i>Chrysopsis falcata</i>	WF		X	X	6"	UC	SA		
Silver-Rod	<i>Solidago bicolor</i>	WF	X	X	X	18"	UC	SA		
Skunk Cabbage	<i>Symplocarpus foetidus</i>	WF	X	X	X	20"	UC	SA		
Slender Gerardia	<i>Agalinis tenuifolia</i>	WF		X	X	18"	UC	SA		
Slender Marsh-Pink	<i>Sabatia campanulata</i>	WF		X	X	24"	VR	SA		
Slender-leaved Goldenrod	<i>Euthamia tenuifolia</i>	WF		X	X	30"	C	MA	NYS listed	
Small Pinweed	<i>Lechea minor</i>	WF		X	X	15"	UC	UA		
Small-flowered Agalinis	<i>Agalinis paupercula</i>	WF		X	X	24"	UC	SA		
Smooth Aster	<i>Aster laevis</i>	WF		X	X	24"	R	MA		
Smooth Ground Cherry	<i>Physalis subglabrata</i>	WF		X	X	24"	UC	SA		
Smooth Shad	<i>Amelanchier laevis</i>	T	X	X	X	20"	R	MA		
Solomon's-Seal	<i>Polygonatum biflorum</i>	WF	X	X	X	20"	R	MA		
Speckled Alder	<i>Alnus incana var. rugosa</i>	S,ST		X	X	20'	UC	SA		
Spotted Touch-me-not	<i>Impatiens capensis</i>	WF		X	X	6'	C	SA		
Spotted Wintergreen	<i>Chimaphila maculata</i>	SS	X	S	S	8"	UC	SA		
Staggerbush	<i>Lyonia mariana</i>	S		S	S	8'	UC	SA		
Staghorn Sumac	<i>Rhus hirsuta</i>	S		X	X	15'	R	SA		
Star Flower	<i>Trientalis borealis</i>	WF		X	X	6"	C	SA		
Stiff-leaved Aster	<i>Aster linearifolius</i>	WF		X	X	8'	C	SA		
Swamp Azalea	<i>Rhododendron viscosum</i>	S	X	X	X	10'	C	MA		
Swamp Beggar-Ticks	<i>Bidens connata</i>	WF		X	X	24"	UC	SA		
Swamp Milkweed	<i>Asclepias incarnata</i>	WF		X	X	5'	UC	MA		
Swamp Rose	<i>Rosa palustris</i>	S		X	X	8'	UC	SA		
Sweet Everlasting	<i>Gnaphalium obtusifolium</i>	WF		X	X	15"	UC	SA		
Sweet Goldenrod	<i>Solidago odora</i>	WF		X	X	2.5'	UC	SA		
Sweet Pepperbush	<i>Clethra alnifolia</i>	S		X	X	10'	C	VA		
Sweetfern	<i>Comptonia peregrina</i>	SS		X	X	2.5'	C	VA		
Switch Grass	<i>Panicum virgatum</i>	G		X	X	4'	C	VA		

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Ever- Deep Edges				Mesic Areas	Max Ht	Abund Freq	Rel	Availa- Notes
		green	In	Openings	Areas					
Tall Redtop Grass	<i>Tridens flava</i>	G		X		5'	UC	SA		
Toothed White-topped Aster	<i>Aster paternus</i>	WF		X		30"	UC	SA		
Trailing Arbutus	<i>Epigaea repens</i>	GC	X	X		3"	C	SA		
Tupelo	<i>Nyssa sylvatica</i>	T		X		75'	C	MA		
Turk's-Cap Lily	<i>Lilium superbum</i>	WF		X		4'	R	MA		
Usnea Lichen	<i>Usnea sp.</i>	EPI	X	X		NA	UC	UA		
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	SS, V	X	X		40'	UC	MA		
Virginia Meadow Beauty	<i>Rhexia virginica</i>	WF		X		15"	UC	SA		
Virginia Water-Horehound	<i>Lycopus virginicus</i>	WF		X		24"	UC	SA		
Water-Purslane	<i>Ludwigia palustris</i>	WF		X		5"	UC	SA		
Water-Willow	<i>Decodon verticillatus</i>	S				40"	UC	SA		
Wavy-leaved Aster	<i>Aster undulatus</i>	WF		X		15"	UC	SA		
Weak Sedge	<i>Carex debilis</i>	GC	X	X		6"	UC	UA		
White Avens	<i>Geum canadense</i>	WF	X	X		15"	C	SA		
White Fringed Orchis	<i>Habenaria blephariglotis</i>	WF	X	X		2'	R	MA		
White Milkweed	<i>Asclepias variegata</i>	WF	X	X		24"	VR	SA		
White Oak	<i>Quercus alba</i>	T	X	X		75'	C	MA		
White Pine	<i>Pinus strobus</i>	T	X	X		100'	VC	VA		
White Snakeroot	<i>Eupatorium rugosum</i>	WF		X		30"	UC	SA		
Whorled Loosestrife	<i>Lysimachia quadrifolia</i>	WF	X	X		20"	UC	SA		
Whorled Milkwort	<i>Polygala verticillata</i>	WF		X		12"	UC	SA		
Whorled Pogonia	<i>Isotria verticillata</i>	WF		X		12"	VR	SA		
Wild Columbine	<i>Aquilegia canadensis</i>	WF		X		18"	UC	VA		
Wild Geranium	<i>Geranium maculatum</i>	WF		X		12"	C	VA		
Wild Indigo	<i>Baptisia tinctoria</i>	WF		X		3'	R	SA		
Wild Lettuce	<i>Lactuca canadensis</i>	WF		X		6'	UC	SA		
Wild Lupine	<i>Lupinus perennis</i>	WF		X		18"	UC	VA		
Wild Mint	<i>Mentha canadensis</i>	WF		X		24"	R	MA		
Wild Pink	<i>Silene caroliniana</i>	WF		X		4"	R	MA		
Wild Raisin	<i>Viburnum lentago</i>	S	X	X		8'	C	MA		

Northwest Woods

(Typical type as per intersection of Swamp Road and Bull Path) [includes freshwater wetland species]

Common Name	Species Name	Ever- Deep Edges				Mesic Areas	Max Ht	Abund Freq	Rel	Availability- Notes
		Form green	In	Openings	Areas					
Wild Rose	<i>Rosa virginiana</i>	S		X	X	6'	C	V/A		
Wild Sarsparilla	<i>Aralia nudicaulis</i>	SS	X	X	X	24"	C	SA		
Wild Strawberry	<i>Fragaria virginiana</i>	GC, WF		X		5"	UC	MA		
Witch-Hazel	<i>Hamamelis virginiana</i>	T		X	X	50'	R	MA		
Wood Anemone	<i>Anemone quinquefolia</i>	WF	X	X	X	5"	UC	MA		
Wood-Betony	<i>Pedicularis canadensis</i>	WF		X	X	12"	R	MA		
Yellow Fringed Orchis	<i>Habenaria ciliaris</i>	WF	X	X	X	15"	R	SA		
Yellow Thistle	<i>Cirsium horridulum</i>	WF		X	X	30"	UC	SA		
Yellow Wood-Sorrel	<i>Oxalis stricta</i>	WF		X		6"	UC	SA		

- T = Tree
 ST = Small Tree
 S = Shrub
 SS = Subshrub
 GC = Ground Cover
 WF = Wildflower
 F = Fern
 H = Horsetail
 G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)
- VC = Very Common
 C = Common
 MC = Moderately Common
 UC = Uncommon
 R = Rare
 VR = Very Rare
- VA = Very Available
 MA = Moderately Available
 SA = Somewhat Available
 UA = Unavailable

Old Fields

(as per Belle Estate)

Common Name	Species Name	Form	Ever-green		Deep In		Edges		Mesic Areas		Max Ht	Abund	Availa-	Notes
Beach Plum	<i>Prunus maritima</i>	S		X		X					10'	UC	VA	
Beggar-Ticks	<i>Bidens frondosa</i>	WF		X		X			X		20"	UC	SA	
Big Bluestem	<i>Andropogon gerardii</i>	G		X		X					4.5'	UC	MA	
Bigtooth Aspen	<i>Populus grandidentata</i>	T		X		X					40'	UC	SA	
Black Cherry	<i>Prunus serotina</i>	T		X		X					30'	C	MA	
Blue Vervain	<i>Verbena hastata</i>			X		X					4'	UC	VA	
Blunt-leaved Milkweed	<i>Asclepias amplexicaulis</i>	WF		X		X					30"	UC	SA	
Broom Sedge	<i>Andropogon virginicus</i>	G		X		X					30"	MC	VA	
Bushy Frostweed	<i>Helianthemum dumosum</i>	WF		X		X					6"	R	SA	
Butterfly Milkweed	<i>Asclepias tuberosa</i>	WF		X		X					18"	UC	VA	
Buttonweed	<i>Diodia teres</i>	WF											C	
Calico Aster	<i>Aster lateriflorus</i>	WF		X		X					4'	MC	MA	
Canada Frostweed	<i>Helianthemum canadensis</i>	WF		X		X					18"	MC	SA	
Climbing False Buckwheat	<i>Polygonum scandens</i>	V		X		X					6'	MC	UA	
Common Cinquefoil	<i>Potentilla simplex</i>	WF,GC		X		X					6"	MC	SA	
Common Juniper	<i>Juniperus communis</i>	SS,GC X		X		X					3'	R	SA	
Common Milkweed	<i>Asclepias syriaca</i>	WF		X		X			X		5'	MC	MA	
Common Ragweed	<i>Ambrosia artemisiifolia</i>	WF		X		X					4'	MC	UA	
Cow-Parsonip	<i>Heracleum maximum</i>	WF							X		6'	UC	SA	
Creeping Bent	<i>Agrostis perennans</i>	G		X		X					30"	MC	MA	
Daisy Fleabane	<i>Erigeron annuus</i>	WF		X		X					30"	MC	MA	
Dowry False Foxglove	<i>Aureolaria virginica</i>	WF		X		X					30"	MC	MA	
Dwarf Cinquefoil	<i>Potentilla canadensis</i>	WF,GC		X		X					6"	MC	SA	
Dwarf Dandelion	<i>Krigia virginica</i>	WF		X		X					8"	UC	SA	
Early Goldenrod	<i>Solidago juncea</i>	WF		X		X					30"	MC	SA	
Eastern Redcedar	<i>Juniperus virginianus</i>	T	X			X					35'	C	VA	
Evening Primrose	<i>Oenothera biennis</i>	WF		X		X					4.5'	C	MA	
Eyebright	<i>Euphrasia americana</i>	WF		X		X					12"	UC	SA	
Fern-leaved False Foxglove	<i>Aureolaria pedicularia</i>	WF		X		X					30"	UC	SA	
Field Chickweed	<i>Cerastium arvense</i>	WF		X		X					12"	UC	SA	
Gall-Of-The-Earth	<i>Prenanthes trifoliata</i>	WF		X		X					30"	UC	SA	
Goat's-Rue	<i>Tephrosia virginiana</i>	WF		X		X					18"	UC	SA	
Golden Heather	<i>Hudsonia ericoides</i>	GC,WF		X		X					6"	UC	MA	

Old Fields

(as per Belle Estate)

Common Name	Species Name	Form	Ever-green		Deep In		Edges		Mesic Areas		Max		Abund		Availa-Notes
Grass-leaved Goldenrod	<i>Euthamia graminifolia</i>	WF		X		X			X		4'	UC	SA		
Gray Birch	<i>Betula populifolia</i>	T		X		X					35'	MC	MA		
Groundsel Bush	<i>Baccharis halimifolia</i>	S		X		X					7'	UC	MA		
Hairy Bush-Clover	<i>Lespedeza hirta</i>	WF		X		X					30"	UC	SA		
Heath Aster	<i>Aster ericoides</i>	WF		X		X					30"	MC	SA		
Hedge Bindweed	<i>Convolvulus sepium</i>	V		X		X					5'	MC	SA		
Horse-Nettle	<i>Solanum carolinense</i>	WF		X		X					30"	UC	SA		
Horseweed	<i>Conzya canadensis</i>	WF		X		X					6'	MC	SA		
Hyssop-leaved Thoroughwort	<i>Eupatorium hyssopifolium</i>	WF		X		X			X		24"	C	SA		
Indian Hemp	<i>Apocynum cannabinum</i>	WF		X		X					4.5'	UC	SA		
Late Purple Aster	<i>Aster patens</i>	WF		X		X					24"	UC	SA		
Little Bluestem	<i>Schizachyrium scoparium</i>	G		X		X					30"	C	VA		
Lyre-leaved Rock Cress	<i>Arabis lyrata</i>	WF		X		X			X		12"	UC	SA		
Maryland Golden Aster	<i>Chrysopsis mariana</i>	WF		X		X					18"	UC	MA		
Muhlenberg's Sedge	<i>Carex muhlenbergii</i>	G		X		X					24"	MC	SA		
New England Blazing Star	<i>Liatis scariosa var. novae-angliae</i>	WF		X		X			X		24"	R	MA		
Nodding Ladies'-Tresses	<i>Spiranthes cernua</i>	WF		X		X			X		15"	R	MA		
Nodding Smartweed	<i>Polygonum lapathifolium</i>	WF		X		X					4'	UC	SA		
Northern Bayberry	<i>Myrica pensylvanica</i>	S		X		X			X		8'	C	VA		
Northern Downy Violet	<i>Viola fimbriatula</i>	WF		X		X					6"	UC	MA		
Old-field Toadflax	<i>Linaria canadensis</i>	WF		X		X					20"	C	MA		
Panicled Aster	<i>Aster simplex</i>	WF		X		X					5.5'	C	MA		
Partridge-Pea	<i>Cassia fasciculata</i>	WF		X		X					18"	MC	MA		
Partridge-Pea	<i>Cassia fasciculata</i>	WF		X		X					18"	MC	MA		
Pasture Rose	<i>Rosa carolina</i>	S		X		X			X		36"	MC	MA		
Path Rush	<i>Juncus tenuis</i>	G		X		X			X		24"	C	SA		
Pearly Everlasting	<i>Gnaphalium obtusifolium</i>	WF		X		X					24"	MC	MA		
Pennsylvania Smartweed	<i>Polygonum pensylvanicum</i>	WF		X		X			X		4'	UC	SA		Weedy
Philadelphia Fleabane	<i>Erigeron philadelphicus</i>	WF		X		X					30"	UC	MA		
Pilewort	<i>Erichites hieracifolia</i>	WF		X		X					4'	MC	UA		
Pin-Cherry	<i>Prunus pensylvanica</i>	S		X		X					36"	R	MA		
Pink Wild Bean	<i>Strophostyles umbellata</i>	V		X		X					30"	UC	SA		
Pitch Pine	<i>Pinus rigida</i>	T		X		X					55'	MC	MA		
Plantain-leaved Pussytoes	<i>Antennaria plantaginifolia</i>	WF,GC		X		X					10"	UC	SA		

Old Fields

(as per Belle Estate)

Common Name	Species Name	Form	Ever-green		Deep In		Edges		Mesic Areas		Max Ht	Freq	Abund	Availa-	Notes
			green	In	Openings	Areas	Areas	Areas							
Pokeweed	<i>Phytolacca americana</i>	WF		X	X	X	X		X		5.5'	UC	SA		
Poor-Man's-Pepper	<i>Lepidium virginicum</i>	WF		X	X	X	X				24"	MC	UA		
Quaking Aspen	<i>Populus tremuloides</i>	T		X	X	X	X				50'	UC	MA		
Racemed Milkwort	<i>Polygala polygama</i>	WF		X	X	X	X				12"	UC	SA		
Rattlesnake-Weed	<i>Hieracium venosum</i>	WF		X	X	X	X				20"	UC	MA		
Rough-stemmed Goldenrod	<i>Solidago rugosa</i>	WF		X	X	X	X				30"	C	MA		
Round-headed Bush-Clover	<i>Lespedeza capitata</i>	WF		X	X	X	X				30"	MC	SA		
Shining Sumac	<i>Rhus copallina</i>	S		X	X	X	X				10'	MC	MA		
Showy Aster	<i>Aster spectabilis</i>	WF		X	X	X	X				12"	R	MA		
Sickle-leaved Golden Aster	<i>Chrysopsis falcata</i>	WF		X	X	X	X				8"	MC	MA		
Silver-Rod	<i>Solidago bicolor</i>	WF		X	X	X	X				30"	UC	MA		
Slender Gerardia	<i>Agalinis tenuifolia</i>	WF		X	X	X	X				18"	R	SA		
Slender Ladies'-Tresses	<i>Spiranthes gracilis</i>	WF		X	X	X	X		X		12"	R	MA		
Slender-leaved Goldenrod	<i>Euthamia tenuifolia</i>	WF		X	X	X	X				36"	MC	SA		
Small White Aster	<i>Aster viridus</i>	WF		X	X	X	X				30"	UC	MA		
Small-leaved Tick-Trefoil	<i>Desmodium ciliare</i>	WF		X	X	X	X				30"	MC	SA		
Smooth Sumac	<i>Rhus glabra</i>	S		X	X	X	X				15'	MC	MA		
Steeplebush	<i>Spiraea tomentosa</i>	S		X	X	X	X				36"	UC	MA		
Stiff Aster	<i>Aster linariifolius</i>	WF		X	X	X	X				12"	MC	MA		
Sweet Everlasting	<i>Gnaphalium obtusifolium</i>	WF		X	X	X	X				30"	UC	MA		
Sweet-Fern	<i>Comptonia peregrina</i>	SS		X	X	X	X				30"	MC	MA		
Switch Grass	<i>Panicum virgatum</i>	G		X	X	X	X				4.5'	MC	VA		
Tall Goldenrod	<i>Solidago canadensis</i>	WF		X	X	X	X				4.5'	C	SA		
Three-seeded Mercury	<i>Acalypha virginica</i>	WF		X	X	X	X				20"	UC	SA		
Toothed White-topped Aster	<i>Sericarpus asteroides</i>	WF		X	X	X	X				24"	UC	MA		
Toothed-leaved Fleabane	<i>Erigeron strigosus</i>	WF		X	X	X	X				30"	UC	SA		
Trailing Black Raspberry	<i>Rubus ensleri</i>	V		X	X	X	X				24"	MC	SA		
Trailing Bush-Clover	<i>Lespedeza procumbens</i>	V		X	X	X	X				12"	MC	SA		
Venus' Looking-Glass	<i>Specularia perfoliata</i>	WF		X	X	X	X				24"	MC	SA		
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	V		X	X	X	X				25'	MC	MA		
Wandlike Bush-Clover	<i>Lespedeza intermedia</i>	WF		X	X	X	X				30"	MC	SA		
Wild Indigo	<i>Baptisia tinctoria</i>	WF		X	X	X	X		X		30"	MC	SA		
Wild Lettuce	<i>Lactuca canadensis</i>	WF		X	X	X	X				8'	UC	SA		
Wild Lupine	<i>Lupinus perennis</i>	WF		X	X	X	X				24"	UC	VA		

Freshwater Wetlands

(Flooded deciduous, bottomlands, emergent marshes, fens, etc.)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Aquatics	Max Ht	Rel		Availa-bility	Notes
									Abund	Freq		
Acuminate Panic Grass	<i>Panicum acuminatum</i>	G			X			20"	C		SA	
American Germander	<i>Teucrium canadense</i>	WF			X			30"	UC		MA	
American Hazel	<i>Corylus americana</i>	T			X			12'	R		MA	
Arrow-leaved Tearthumb	<i>Polygonum sagittatum</i>	V,WF			X			6'	UC		UA	
Beggar-Ticks	<i>Bidens frondosa</i>	WF			X			30"	UC		SA	
Black Chokeberry	<i>Aronia floribunda</i>	S			X			10'	C		SA	
Blue Flag	<i>Iris versicolor</i>	WF			X			30"	UC		MA	
Bristly Dewberry	<i>Rubus hispidus</i>	GC	X		X			3"	C		MA	
Broom-Sedge	<i>Andropogon virginicus</i>	G			X			3.5'	C		V/A	
Buttonbush	<i>Cephalanthus occidentalis</i>	S			X		X	7'	UC		SA	
Canada Burnnet	<i>Sanguisorba canadensis</i>	WF			X			30"	UC		SA	
Canada Rush	<i>Juncus canadensis</i>	G			X			30"	C		SA	
Canada St. Johnswort	<i>Hypericum canadensis</i>	WF			X			12"	UC		UA	
Cardinal Flower	<i>Lobelia</i>	WF		X	X		X	4'	R		MA	
Catbriar	<i>Smilax rotundifolia</i>	V		X	X			20'	UC		UA	
Chairmaker's Rush	<i>Scirpus americanus</i>	G		X	X		X	3.5'	C		MA	
Cinnamon Fern	<i>Osmunda cinnamomea</i>	F	X		X			4'	C		V/A	
Clayton's Bedstraw	<i>Gaillum tinctorium</i>	WF			X			18"	UC		UA	
Common Arrowhead	<i>Sagittaria latifolia</i>	WF			X		X	30"	UC		MA	
Common Bur Reed	<i>Spartanium americanum</i>	WF			X		X	30"	UC		MA	
Common Spicebush	<i>Lindera benzoin</i>	S			X			10'	UC		MA	
Common Winterberry	<i>Ilex verticillata</i>	S		X	X			12'	C		V/A	
Common Woodreed	<i>Cinna arundinacea</i>	G		X	X			4'	UC		SA	
Creeping St. John's-wort	<i>Hypericum adpressum</i>	WF			X			12"	R		UA	NYS listed
Dangleberry	<i>Gaylussacia frondosa</i>	SS		X	X			5'	C		SA	
Deer-tongue Grass	<i>Panicum clandestinum</i>	G		X	X			30"	C		SA	
Ditch Reed	<i>Phragmites australis</i>	G		X	X		X	12'	C		V/A	Invasive weed
Dodder	<i>Cuscuta compacta</i>	V		X	X			5'	UC		UA	
Dotted Smartweed	<i>Polygonum punctatum</i>	WF		X	X			24"	UC		SA	

Freshwater Wetlands

(Flooded deciduous, bottomlands, emergent marshes, fens, etc.)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Aqua-tics	Max Ht	Rel		Availa-bility	Notes
									Freq	Abund		
Dwarf St. Johnswort	<i>Hypericum mutilum</i>	WF			X		X	8"	R		UA	
Early Meadow-Rue	<i>Thalictrum dioicum</i>	WF		X	X		X	36"	UC		SA	
Emmon's Sedge	<i>Carex emmonsii</i>	G			X		X	10"	R		UA	
False Pimpernel	<i>Lindernia dubia</i>	WF			X		X	12"	UC		SA	
False Water-Pepper	<i>Polygonum hydropiperoides</i>	WF			X			30"	UC		SA	
Flat-topped White Aster	<i>Aster umbellatus</i>	WF			X			5'	R		SA	
Folliculate Sedge	<i>Carex folliculata</i>	G			X			36"	UC		SA	
Fowl Mannagrass	<i>Glyceria striata</i>	G					X	20"	UC		SA	
Fox Grape	<i>Vitis labrusca</i>	V		X	X			50'	UC		MA	
Freshwater Cordgrass	<i>Spartina pectinata</i>	G			X			6'	UC		MA	
Golden Pert	<i>Gratiola aurea</i>	WF			X			4"	UC		SA	
Grass-Pink	<i>Calopogon pulchellus</i>	WF			X			24"	R		SA	
Gray Birch	<i>Betula populifolia</i>	T			X			30'	UC		MA	
Green Wood Orchis	<i>Habenaria clavellata</i>	WF		X	X			12"	R		SA	
Ground-Nut	<i>Apios americana</i>	V			X			8'	R		SA	
Halberd-leaved Tearthumb	<i>Polygonum arifolium</i>	V			X			6'	UC		UA	
Highbush Blueberry	<i>Vaccinium corymbosum</i>	S		X	X			7'	C		VA	
Hyssop Hedge-Nettle	<i>Stachys hyssopifolia</i>	WF			X			30"	UC		SA	
Indian Cucumber-Root	<i>Mediola virginiana</i>	WF		X	X			15"	VR		SA	
Inkberry	<i>Ilex glabra</i>	S	X		X			6'	C		VA	
Jack-in-the-Pulpit	<i>Arisaema atorubens</i>	WF		X	X			12"	R		MA	
Lady Fern	<i>Athyrium filix-femina</i>	F			X			3'	UC		MA	
Lance-leaved Violet	<i>Viola lanceolata</i>	WF			X			5"	UC		SA	
Leatherleaf	<i>Chamaedaphne calyculata</i>	S	X		X		X	5'	UC		MA	
Lilaeopsis	<i>Lilaeopsis chinensis</i>	WF			X		X	4"	R		UA	
Lurid Sedge	<i>Carex lurida</i>	G			X			30"	C		UA	
Mad-Dog Skullcap	<i>Scutellaria lateriflora</i>	WF			X			24"	UC		SA	
Maleberry	<i>Lyonia ligustrina</i>	S		X	X			8'	C		SA	
Marsh Fern	<i>Thelypteris palustris</i>	F			X			18"	C		SA	
Marsh Sculicap	<i>Scutellaria galericulata</i>	WF			X			24"	R		SA	

Freshwater Wetlands

(Flooded deciduous, bottomlands, emergent marshes, fens, etc.)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Aquatics	Max Ht	Rel		Availa-bility	Notes
									Freq	Abund		
Marsh St. John's-wort	<i>Triadenum virginicum</i>	WF			X			20"	UC		SA	
Marsh Willow-Herb	<i>Epilobium palustre</i>	WF			X			24"	UC		UA	
Mermaid-Weed	<i>Proserpinaca palustris</i>	WF					X	12"	UC		SA	
Mock Bishop-Weed	<i>Ptilimnium capillaceum</i>	WF			X			18"	UC		UA	
New England Aster	<i>Aster novae-angliae</i>	WF			X			4'	R		VA	
New York Aster	<i>Aster novae-belgii</i>	WF			X			4'	UC		MA	
New York Ironweed	<i>Veronia noveboracensis</i>	S			X			8'	R		SA	
Nodding Bur Marigold	<i>Bidens cernua</i>	WF			X			30"	UC		SA	
Northern Arrowweed	<i>Viburnum recognitum</i>	S			X			12'	C		VA	
Northern Bugleweed	<i>Lycopus uniflorus</i>	WF			X			24"	UC		UA	
Northern Mannagrass	<i>Glyceria borealis</i>	G				X		20"	UC		UA	
Northern St. Johnswort	<i>Hypericum boreale</i>	WF			X			12"	R		UA	
Northern White Violet	<i>Viola macloskeyi var. pallens</i>	WF		X	X			5"	R		SA	
Oblong-leaf Shad	<i>Amelanchier canadensis</i>	S,ST			X			20'	UC		VA	
Panicle Aster	<i>Aster lanceolatus var. simplex</i>	WF			X			5'	C		MA	
Persimmon	<i>Diospyros virginiana</i>	T			X			35'	R		VA	
Pilewort	<i>Erechtites hieracifolia</i>	WF			X			5'	UC		UA	
Poison Ivy	<i>Toxicodendron radicans</i>	S, V		X	X			40'	C		SA	
Poison sumac	<i>Toxicodendron vernix</i>	S		X	X			15'	R		UA	
Princess-Pine	<i>Lycopodium obscurum</i>	GC		X	X			8"	UC		SA	
Quaking Aspen	<i>Populus tremuloides</i>	T			X			60'	UC		MA	
Red Maple	<i>Acer rubrum</i>	T			X			65'	C		VA	
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	ST		X	X			20'	UC		VA	
Red-Osier Dogwood	<i>Cornus stolonifera</i>	S			X			10'	R		VA	
Rose Pogonia	<i>Pogonia ophioglossoides</i>	WF			X			18"	R		SA	
Round-leaved Pyrola	<i>Pyrola rotundifolia</i>	WF		X	X			5"	UC		SA	
Royal Fern	<i>Osmunda regalis</i>	F		X	X			36"	UC		VA	
Seedbox	<i>Ludwigia alternifolia</i>	WF			X			30"	UC		SA	
Sensitive Fern	<i>Onoclea sensibilis</i>	F			X			24"	C		SA	
Seorse Sedge	<i>Carex serotora</i>	G			X			12"	UC		SA	NYS listed

Freshwater Wetlands

(Flooded deciduous, bottomlands, emergent marshes, fens, etc.)

Common Name	Species Name	Form	Ever-green	Deep	Edges	Openings	Aqua-tics	Max Ht	Rel		Availa-bility	Notes
									Abund	Freq		
Sheep Laurel	<i>Kalmia angustifolia</i>	SS	x		x			3'	UC		SA	
Skunk Cabbage	<i>Symplocarpus foetidus</i>	WF		x	x			20"	UC		SA	
Slender Marsh-Pink	<i>Sabatia campanulata</i>	WF			x			24"	VR		SA	NYS listed
Slender-leaved Goldenrod	<i>Euthamia tenuifolia</i>	WF			x			30"	C		MA	
Soft Rush	<i>Juncus effusus</i>	G			x			4'	C		SA	
Spaghnum Moss	<i>Spaghnum spp.</i>	Moss			x		x	4"	C		SA	
Spatulate-leaved Sundew	<i>Drosera intermedia</i>	WF			x			3"	R		SA	
Speckled Alder	<i>Alnus incana var. rugosa</i>	S,ST			x			20'	UC		SA	
Spotted Touch-me-not	<i>Impatiens capensis</i>	WF			x			6'	C		MA	
Staggerbush	<i>Lyonia mariana</i>	S		x	x			8'	UC		SA	
Sundrops	<i>Oenothera fruticosa</i>	WF		x	x			30"	UC		VA	
Swamp Azalea	<i>Rhododendron viscosum</i>	S			x			10'	C		MA	
Swamp Beggar-Ticks	<i>Bidens connata</i>	WF			x			24"	UC		SA	
Swamp Milkweed	<i>Asclepias incarnata</i>	WF			x		x	5'	UC		MA	
Swamp Rose	<i>Rosa palustris</i>	S			x		x	8'	UC		SA	
Sweet Gale	<i>Myrica gale</i>	SS			x		x	4'	R		MA	
Sweet Pepperbush	<i>Clethra alnifolia</i>	S			x			10'	C		VA	
Swollen Sedge	<i>Carex intumescens</i>	G			x			4'	UC		SA	
Three-way Sedge	<i>Dulichium arundinaceum</i>	G				x		30"	UC		SA	
Tupelo	<i>Nyssa sylvatica</i>	T			x			75'	C		MA	
Turk's-Cap Lily	<i>Lilium superbum</i>	WF			x			4'	R		MA	
Usnea Lichen	<i>Usnea sp.</i>	EPI		x	x			NA	UC		UA	
Virginia Bugleweed	<i>Lycopus virginicus</i>	WF			x			24"	UC		SA	
Virginia Meadow Beauty	<i>Rhexia virginica</i>	WF			x			15"	UC		SA	
Water Hemlock	<i>Cicuta maculata</i>	WF			x			6'	UC		UA	
Water Horehound	<i>Lycopus americanus</i>	WF			x			24"	R		SA	
Water Pimpernel	<i>Samolus parviflorus</i>	WF			x			15"	UC		UA	
Water-Parsnip	<i>Sium suave</i>	WF			x		x	30"	UC		SA	
Water-Purslane	<i>Ludwigia palustris</i>	WF					x	3"	UC		SA	
Water-Willow	<i>Decodon verticillatus</i>	S					x	40"	UC		SA	

Freshwater Wetlands

(Flooded deciduous, bottomlands, emergent marshes, fens, etc.)

Common Name	Species Name	Form	Rel			Availa- bilty	Notes		
			Ever- green	Deep In	Edges Openings			Aqua- tics	Max Ht
Weak Sedge	<i>Carex debilis</i>	GC	x	x	x	6"	UC	UA	
White Fringed Orchis	<i>Habenaria blephariglotis</i>	WF	x	x	x	2'	R	MA	
White Pine	<i>Pinus strobus</i>	T	x			100'	VC	VA	
Whorled Milkwort	<i>Polygala verticillata</i>	WF		x	x	12"	UC	SA	
Whorled Pogonia	<i>Isotria verticillata</i>	WF		x	x	12"	VR	SA	
Wild Lettuce	<i>Lactuca canadensis</i>	WF			x	6'	UC	SA	
Wild Rose	<i>Rosa virginiana</i>	S				6'	C	VA	
Witch-Hazel	<i>Hamamelis virginiana</i>	T			x	50'	R	MA	
Woolly Grass	<i>Scirpus cyperinus</i>	G			x	5.5'	UC	SA	
Yellow Fringed Orchis	<i>Habenaria ciliaris</i>	WF			x	15"	R	SA	NYS listed

T = Tree
 ST = Small Tree
 S = Shrub
 SS = Subshrub
 GC = Ground Cover
 WF = Wildflower
 F = Fern
 H = Horsetail
 G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)

VC = Very Common
 C = Common
 MC = Moderately Common
 UC = Uncommon
 R = Rare
 VR = Very Rare

VA = Very Available
 MA = Moderately Available
 SA = Somewhat Available
 UA = Unavailable

Brackish Wetlands and Buffer

(As per Georgica Pond, Fresh Pond, Napeague Meadow)

Common Name	Species Name	Form	Ever-green	Deep In	Edges	Openings	Mesic Areas	Max Ht	Abund	Freq	Availability	Notes
Black Grass	<i>Juncus gerardii</i>	G			X		X	12"	C		SA	
Bristlegrass	<i>Setaria parviflora</i>	G			X		X	24"	R		SA	
Canadian Burnet	<i>Sanguisorba canadensis</i>	WF			X		X	30"	UC		SA	
Cinnamon Fern	<i>Osmunda cinnamomea</i>	F			X		X	4'	UC		VA	Buffer
Dichotomous-flowered Panic-Grass	<i>Panicum dichotomiflorum</i>	G						30"	MC		SA	
Ditch Reed	<i>Phragmites australis</i>	G			X		X	12'	VC		SA	Throughout
Eastern Redcedar	<i>Juniperus virginianus</i>	T			X		X	30'	C		VA	Buffer
Emmons' Sedge	<i>Carex emmonsii</i>	G			X		X	5"	R		SA	Buffer
Freshwater Cordgrass	<i>Spartina pectinata</i>	G			X		X	6'	VR		SA	
Gama Grass	<i>Tripsacum dactyloides</i>	G			X		X	20'	C		SA	Buffer
Greenbriar	<i>Smilax rotundifolia</i>	V			X		X	7'	UC		VA	
Groundsel Bush	<i>Baccharus halimifolia</i>	S			X		X	40'	R		MA	Buffer
Hackberry	<i>Celtis occidentalis</i>	T			X		X	24"	MC		MA	
Marsh Fern	<i>Thelypteris palustris</i>	F			X		X	6'	MC		MA	
Marsh Hibiscus	<i>Hibiscus moscheutos</i>	WF			X		X	8"	R		SA	
Marsh Pink	<i>Sabatia stellaris</i>	WF			X		X	12"	R		UA	
Meagre Sedge	<i>Carex exilis</i>	G			X		X	20"	UC		UA	
Mock Bishop's-Weed	<i>Ptilimnium capillaceum</i>	WF			X		X	6'	UC		SA	
Narrow-leaved Cat-tail	<i>Typha angustifolia</i>	G			X		X	4'	VR		UA	
Narrow-leaved Loosestrife	<i>Lythrum lineare</i>	WF			X		X	4.5'	UC		MA	
New York Aster	<i>Aster novi-belgii</i>	WF			X		X	8'	C		VA	Buffer
Northern Bayberry	<i>Myrica pensylvanica</i>	S			X		X	10"	C		MA	Buffer
Poison Ivy	<i>Toxicodendron radicans</i>	S,V			X		X	6'	MC		MA	
Saltmarsh Bullrush	<i>Scirpus robustus</i>	G			X		X	5'	R		SA	
Saltmarsh Hay	<i>Spartina patens</i>	G			X		X	15"	MC		MA	
Seaside Goldenrod	<i>Solidago sempervirens</i>	WF			X		X	30"	UC		VA	
Seaside Plantain	<i>Plantago maritima</i>											
Sensitive Fern	<i>Onoclea sensibilis</i>	F			X		X	10"	UC		SA	

Brackish Wetlands and Buffer

(As per Georgica Pond, Fresh Pond, Napeague Meadow)

Common Name	Species Name	Form	Ever-	Deep	Edges	Mesic	Max	Abund	Availa-	Notes
			green	In						
Silverweed	<i>Potentilla anserina</i>	WF			X	X	30"	MC	SA	
Slender Blue Flag	<i>Iris prismatica</i>	WF			X	X	8"	R	SA	
Slender Marsh Pink	<i>Sabatia campanulata</i>	WF			X	X	18"	R	MA	
Slender-leaved Goldenrod	<i>Euthamia tenuifolia</i>	WF			X	X	36"	UC	MA	
Small-beaked Spikerush	<i>Eleocharis rostellata</i>	G			X	X	20"	R	SA	
Spike Grass	<i>Distichlis spicata</i>	G			X	X	24"	MC	UA	
Sundrops	<i>Oenothera fruticosa</i>	WF			X	X	12"	UC	SA	
Sweet Grass	<i>Hierochloa odorata</i>	G			X	X	24"	UC	VA	
Three-square Rush	<i>Scirpus americanus</i>	G			X	X	18"	UC	SA	
Tupelo	<i>Nyssa sylvatica</i>	T			X	X	4'	C	MA	Buffer
Twig-Rush	<i>Cladium mariscoides</i>	G			X	X	75'	C	MA	Buffer
Velvet Panic-Grass	<i>Panicum scoparium</i>	G			X	X	3'	UC	SA	
Virginia creeper	<i>Parthenocissus quinquefolia</i>	V			X	X	24"	R	SA	Buffer
Water-Pimpernel	<i>Samolus floribundus</i>	WF			X	X	25'	UC	VA	Buffer
White Sea-Blite	<i>Suaeda maritima</i>	WF			X	X	12"	R	SA	Seepy edges
Wigeon-Grass	<i>Ruppia maritima</i> var. <i>juncooides</i>	A WF			X	X	18"	UC	SA	Standing water

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 G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)
 A = Aquatic
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East Hampton Town Wetland Flora By Wetland Type

(Last revised 12-28-04)

(Only Native Plants are listed here)

Common Name	Scientific Name	Plant Type	Size	Tidal				Fresh				Woody				Dune	Notes
				Inter-Tidal Marsh	High Marsh	Brackish Marsh	Tidal Edges	Pond Stream Swale	Fresh Water Floats & Submergens	Pond Swamp Fen & Edge	Fresh Emergent Meadow	Slack Bog & Edge					
Hyssop Hedge-Nettle	<i>Stachys hyssopifolia</i>	WF	30"				UC	UC									NYS listed
Inkberry	<i>Ilex glabra</i>	S	6'						VR								
Interrupted Fern	<i>Osmunda claytoniana</i>	F	4.5'				R	R	UC								
Jack-in-the-Pulpit	<i>Arisaema atrorubens</i>	WF	12"				R	R	UC								
Jump Seed	<i>Tovara virginiana</i>																
Lady Fern	<i>Athyrium filix-femina</i>	F	3'				UC	UC	UC								Buffer
Lance-leaved Violet	<i>Viola lanceolata</i>	WF	5"			VR			UC								
Large-spiked Beak Rush	<i>Rhynchospora macrostachya</i>	G	36"						R								
Leatherleaf	<i>Chamaedaphne calyculata</i>	S	S				R	R	UC								
Lesser Duckweed	<i>Lemna minor</i>	WF	Imm					UC	UC								
Lilaepopsis	<i>Lilaepopsis chinensis</i>	WF	4"						UC								
Lipocarpha	<i>Lipocarpha micrantha</i>	G	15"					R	R								
Littoral Bluestem	<i>Schizachyrium scoparium v. littorale</i>	G	5'						UC								
Loesel's Twayblade	<i>Liparis loeselii</i>	WF	6"														
Lurid Sedge	<i>Carex lurida</i>	G	30"														NYS listed
Mad-Dog Skallcap	<i>Scutellaria lateriflora</i>	WF	24"					VR									Buffer
Maleberry	<i>Lyonia ligustrina</i>	S	8'						VR								
Many-spiked Umbrella Sedge	<i>Cyperus polystachyos v. filicinus</i>	G	18"						VR								
Marginate Rush	<i>Juncus marginatus</i>	G	12"						UC								
Marsh Elder	<i>Iva frutescens</i>	S	5'						R								
Marsh Fern	<i>Thelypteris palustris</i>	F	20"														
Marsh Hibiscus	<i>Hibiscus palustris</i>	WF	6'						C								
Marsh Marigold	<i>Callitha palustris</i>	EA	24"						R								
Marsh Pink	<i>Sabatia stellaris</i>	WF	8"														
Marsh Scullecap	<i>Scutellaria galericulata</i>	WF	24"						C								
Marsh St. Johnswort	<i>Triadenum virginicum</i>	WF	20"						UC								
Marsh Willow-Herb	<i>Eptilobium palustre</i>	WF	24"						UC								
Massachusetts Fern	<i>Dryopteris simulata</i>	F	30"						R								

Big Fresh Pond

East Hampton Town Wetland Flora By Wetland Type

(Last revised 12-28-04)

(Only Native Plants are listed here)

Common Name	Scientific Name	Plant Type	Size	Tidal		Tidal		Tidal		Fresh		Fresh		Woody		Fresh		Dune	
				Inter-Tidal Marsh	High Marsh & Edge	Brackish Marsh	Fresh Edges	Coastal Pond	Brackish Water	Pond Stream	Fresh Water	Pond Swale	Fresh Water	Pond Fen & Swamp	Fresh Emergent	Fresh Meadow	Slack Bog & Edge	Notes	
Pale Manna Grass	<i>Torreyochloa pallida</i>	EA								UC				UC					C
Panicled Aster	<i>Aster lanceolatus var. simplex</i>	WF	5'							R				UC					R
Pennsylvania Smartweed	<i>Polygonum pennsylvanicum</i>	WF	4.5'							R				UC					UC
Perennial Glasswort	<i>Salicornia virginica</i>	WF	12"							R				R					UC
Perennial Saltmarsh Aster	<i>Aster tenuifolius</i>	WF	15"											UC					UC
Persimmon	<i>Diospyros virginiana</i>	T	35'																
Pickereelweed	<i>Pontederia cordata</i>	EA	4'											UC					UC
Pilewort	<i>Erechtites hieracifolia</i>	WF	5'							R				R					UC
Pin Oak	<i>Quercus palustris</i>	T	60'							UC									UC
Poison Ivy	<i>Toxicodendron radicans</i>	S,V	40'							R									
Poison sumac	<i>Toxicodendron vernix</i>	S	15'																
Princess-Pine	<i>Lycopodium obscurum</i>	GC	8"							R									R
Prostrate orach	<i>Atriplex prostrata</i>	WF	8"							VR				VR					R
Pussy Willow	<i>Salix discolor</i>	ST	20'							R				R					R
Quaking Aspen	<i>Populus tremuloides</i>	T	60'							R				UC					C
Quillwort	<i>Isoetes echinospora</i>	EA	8"							R				R					R
Ragged Fringed Orchis	<i>Habenaria lacera</i>	WF	24"											UC					R
Red Maple	<i>Acer rubrum</i>	T	65'																
Red-berried Chokeberry	<i>Aronia arbutifolia</i>	ST	20'											VR					VR
Red-Osier Dogwood	<i>Cornus stolonifera</i>	S	10'							C				R					R
Rice-Cutgrass	<i>Leersia oryzoides</i>	G	5'							UC									R
Rose Pogonia	<i>Pogonia ophioglossoides</i>	WF	18"							UC				UC					R
Round-leaved Tyrola	<i>Ptyrola rotundifolia</i>	WF	5"							UC				C					R
Round-leaved Sundew	<i>Drosera rotundifolia</i>	WF	6"							C				C					C
Royal Fern	<i>Osmunda regalis</i>	F	36"							UC				UC					R
Sago Pondweed	<i>Potamogeton pectinatus</i>	SA								R				R					R
Saline Spike Rush	<i>Eleocharis halophila</i>	G	24"							UC				UC					R
Saltmarsh Bulrush	<i>Bolboschoenus robustus</i>	G	5'							UC				UC					R

Gardiners I.

NYS listed?

East Hampton Town Wetland Flora By Wetland Type

(Last revised 12-28-04)

(Only Native Plants are listed here)

Common Name	Scientific Name	Plant Type	Size	Tidal			Fresh			Woody			Dune	Notes	
				Inter-Tidal Marsh & Edge	High Marsh	Tidal Brackish Marsh	Tidal Fresh Edges	Brackish Coastal Pond	Brackish Water Foats & Submergens	Pond Stream Swale	Fresh Water Floats & Submergens	Pond Swamp Fen & Edge			Fresh Emergent
Saltmarsh Fleabane	<i>Pluchea purpurascens</i>	WF	18"			R	R	C				R	R	UC	C
Saltmarsh Gerardia	<i>Gerardia maritima</i>	WF	6"		VR	R		R			UC		UC	C	C
Saltmarsh Hay	<i>Spartina patens</i>	G	15"			UC	C	C		UC					
Saltwater Cordgrass	<i>Spartina alterniflora</i>	EA	4'			R	R	R							
Saltwort	<i>Salsola kali</i>	WF	24"			R	UC	R							
Sea Lavender	<i>Limonium carolinianum</i>	WF	20"												
Seabeach Orach	<i>Atriplex pentandra</i>	WF	12"	UC	VC	VC	C	VC							
Sea-Purslane	<i>Sesuvium maritimum</i>	WF	6"				C	C							
Seaside Goldenrod	<i>Solidago sempervirens</i>	WF	30"		UC	R	R	R						R	
Seaside Plantain	<i>Plantago maritima</i> v. <i>juncooides</i>	WF	12"		R	R		R							
Seedbox	<i>Ludwigia alternifolia</i>	WF	30"					R							
Sensitive Fern	<i>Onoclea sensibilis</i>	F	24"												
Seorse Sedge	<i>Carex serotna</i>	G	12"				R	R				R	R	R	
Sheep Laurel	<i>Kalmia angustifolia</i>	SS	3'				R	UC				UC	UC	C	UC
Shining Willow	<i>Salix lucida</i>	ST	20'				R	R							
Silverweed	<i>Potentilla anserina</i>	WF	8"				UC	UC							NYS listed
Skunk Cabbage	<i>Symplocarpus foetidus</i>	WF	20"				R	R					R		
Slender Blue Flag	<i>Iris prismatica</i>	WF	20"				R	R							
Slender Glasswort	<i>Salicornia maritima</i>	WF	12"				UC	UC					R	UC	R
Slender Ladies' Tresses	<i>Spiranthes lacera</i> v. <i>gracilis</i>	WF	12"				UC	UC					R	R	R
Slender Marsh-Pink	<i>Sabatia campanulata</i>	WF	24"										R		
Slender Najas	<i>Najas flexilis</i>	SA													NYS listed
Slender Spike Rush	<i>Eleocharis tenuis</i>	G	24"										UC	UC	R
Slender-leaved Goldenrod	<i>Euthamia tenuifolia</i>	WF	30"					R							NYS listed
Small-beaked Spikerrush	<i>Eleocharis rostellata</i>	G	24"												
Small-headed Beak Rush	<i>Rhynchospora capitellata</i>	G	36"											R	
Smooth Alder	<i>Alnus serrulata</i>	ST	25'										VR	VR	VR
Smooth-sheathed Sedge	<i>Carex laevigata</i>	G	24"		VR	R	R				UC	UC	C	C	R

East Hampton Town Wetland Flora By Wetland Type

(Last revised 12-28-04)

(Only Native Plants are listed here)

Common Name	Scientific Name	Plant Type	Size	Tidal		Tidal		Tidal		Fresh		Fresh		Woody		Fresh		Dune		Notes
				Inter-Tidal Marsh	High Marsh & Edge	Brackish Marsh	Brackish Marsh	Fresh Edges	Coastal Pond	Brackish Pond	Brackish Water	Pond Stream	Fresh Water	Pond Swamp	Marsh Emergent	Fresh Meadow	Slack Bog & Edge			
Soft Rush	<i>Juncus effusus</i>	G	4'																	
Soft-stem Bulrush	<i>Schoenoplectus tabernaemontani</i>	G	5'			R		UC	UC	UC										
Soldier Rush	<i>Juncus militaris</i>	G	5'																	
Southern Arrowwood	<i>Viburnum dentatum</i> var.	S	10'					VR										UC	UC	R
Southern Sea-Bite	<i>Suaeda linearis</i>	WF	18"					R	R											
Spaghnum Moss	<i>Spaghnum</i> spp.	Moss	4"																	
Spatterdock	<i>Nigella lutea</i>	EA						UC	R									UC	C	C
Spatulate-leaved Sundew	<i>Drosera intermedia</i>	WF	4"					C	UC	UC										UC
Spearscale	<i>Atriplex patula</i>	WF	20"					R	R	UC	UC									
Speckled Alder	<i>Alnus incana</i> var. <i>rugosa</i>	S,ST	20'			R		UC	R	UC	UC									R
Spike Grass	<i>Distichlis spicata</i>	G	12"					VR	VR	VR										
Spinulose Woodfern	<i>Dryopteris carthusiana</i>	F	24"					R	R	R										
Spotted Touch-me-not	<i>Impatiens capensis</i>	WF	6'					UC	UC	UC										
Spreading Witch Grass	<i>Panicum dichotomiflorum</i>	G	30"					R	R	UC	UC									
Staggerbush	<i>Lyonia maritima</i>	S	8'						UC	UC										
Steeplebush	<i>Spiraea tomentosa</i>	S	5'			VR		VR	VR	VR										
Straw-colored Sedge	<i>Carex straminea</i>	G	24"					VR	VR	VR										
Strigose Umbrella Sedge	<i>Cyperus strigosus</i>	G	24"					VR	VR	VR										
Sundrops	<i>Oenothera fruticosa</i>	WF	30"						VR											
Swamp Azalea	<i>Rhododendron viscosum</i>	S	10'			R		R												
Swamp Beggar-Ticks	<i>Bidens comata</i>	WF	24"							R										
Swamp Candles	<i>Lysimachia terrestris</i>	WF																		
Swamp Cottonwood	<i>Populus heterophylla</i>	T	50'			UC		R		UC										
Swamp Dogwood	<i>Cornus amomum</i>	T																		
Swamp Milkweed	<i>Asclepias incarnata</i>	WF	5'			UC		R		UC										
Swamp Rose	<i>Rosa palustris</i>	S	8'			C		R		R										
Swamp White Oak	<i>Quercus bicolor</i>	T	55'					R		R										
Sweet Gale	<i>Myrica gale</i>	SS	5'					VR	VR	VR										

Butler

East Hampton Town Wetland Flora By Wetland Type

(Last revised 12-28-04)

(Only Native Plants are listed here)

Common Name	Scientific Name	Plant Type	Size	Tidal			Fresh			Woody			Dune	Notes	
				Inter-Tidal Marsh	High Marsh	Brackish Marsh	Tidal Edges	Coastal Pond	Brackish Water	Pond Stream	Fresh Water	Pond Swamp			Fresh Emergent
Sweet Grass	<i>Hierochloa odorata</i>	G	18"												
Sweet Pepperbush	<i>Clethra alnifolia</i>	S	10'												
Sweetbay Magnolia	<i>Magnolia virginiana</i>	S,ST	15'		R	R	R	R	VR	R	R	R	R		NYS listed
Sweetflag	<i>Acorus americanus</i>	WF	36"			UC	UC	UC	R	R	UC	R	UC		
Switchgrass	<i>Panicum virgatum</i>	G	4'			UC	C	R	UC	C	C	C			
Swollen Sedge	<i>Carex intumescens</i>	G	4'		R	R	R	R				VR			
Tall Meadow Rue	<i>Thalictrum polygamum</i>	WF													
Tawny Cotton-Grass	<i>Eriophorum virginicum</i>	G	36"							R	R	R	R		
Thread-leaved Sundew	<i>Drosera filiformis</i>	WF	10"			C	C	UC							NYS listed
Three-square Bulrush	<i>Schoenoplectus pungens</i>	G	36"		R	R	R	R	C	C	C	C			
Three-way Sedge	<i>Dulichium arundinaceum</i>	G	30"		UC	C	UC	UC	VR	VR					NYS listed
Toad Rush	<i>Juncus bufonius</i>	G	15"							VR					
Toothed Umbrella-Sedge	<i>Cyperus denudatus</i>	G	20"			R	UC	UC							
Trout Lily, Dog Tooth Lily	<i>Erythronium americanum</i>	WF								R	R	UC	UC		
Tuckahoe	<i>Peltandra virginica</i>	WF	30"			R	R	R							
Tufted Smartweed	<i>Polygonum cepitosum v longisetum</i>	WF	24"			R	R	R							
Tupelo	<i>Nyssa sylvatica</i>	T	75'			VR	VR	VR							NYS listed
Twig-Rush	<i>Lilium superbum</i>	WF	4'		UC	UC	UC	UC							
Turk-s-Cap Lily	<i>Cladium mariscoides</i>	G	36"												
Two-stamen Umbrella-Sedge	<i>Cyperus diandrus</i>	G	20"			R	UC	UC							
Usnea Lichen	<i>Usnea sp.</i>	EPI	NA			UC	C	C							
Velvet Panic-Grass	<i>Panicum scoparium</i>	G	24"		VR	R	R	UC	UC	R	R	UC	UC		
Virginia Bugleweed	<i>Lycopus virginicus</i>	WF	24"					UC	UC						
Virginia Chain-Fern	<i>Woodwardia virginica</i>	F	4'							R	R	R	R		
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	V	25'	VC			4'					C	UC		
Virginia Meadow Beauty	<i>Rhexia virginica</i>	WF	15"		VC	UC	UC	UC							
Virginia Wild Rye	<i>Elymus virginicus</i>	G	4'		R	R	UC	UC							
Walter's Echinochloa	<i>Echinochloa walteri</i>	G	4'									UC	UC		

East Hampton Town Wetland Flora By Wetland Type

(Last revised 12-28-04)

(Only Native Plants are listed here)

Common Name	Scientific Name	Plant Type	Size	Inter-Tidal	Tidal High Marsh & Edge	Tidal Brackish Marsh	Tidal Fresh Edges Seeps	Brackish Coastal Edge	Brackish Water Foats & Submergents	Fresh Pond Stream Swale	Fresh Water Floats & Submergents	Woody Pond Swamp Edge	Fresh Marsh Emergent	Fresh Meadow	Dune Bog & Notes
				Marsh	& Edge	Marsh	Edges Seeps	Edge	Submergents	Ditch	Submergents	Edge	Edge	Edge	Edge
Witch-Hazel	<i>Hamamelis virginiana</i>	T	50'				R			R		R	R	UC	UC
Wooly Grass	<i>Scirpus cyperinus</i>	G	5.5'								VR				NYS listed
Wright's Panic Grass	<i>Panicum wrightianum</i>	G	12"				R	R				VR			
Yellow Birch	<i>Betula allegheniensis</i>	T	55'						UC	VR		VR			Gardiners I.
Yellow Fringed Orchis	<i>Habenaria ciliaris</i>	WF	18"							VR		VR	VR	VR	NYS listed
Yellow Nut Grass	<i>Cyperus esculentus</i>	G	30"				R			UC		UC	C	C	UC Weedy
Yellow Water Crowfoot	<i>Ranunculus flabellaris</i>	EA									VR				
Yellow-eyed Grass	<i>Xyris difformis</i>	WF	18"										R		C

EA = Emergent Aquatic

F = Fern

FA = Floating Aquatic

G = Grass (Includes sedeges, rushes, spike rushes and other grass like plants)

GC = Ground Cover

H = Horsetail

S = Shrub

SA = Submerged Aquatic

SS = Subshrub

ST = Small Tree

T = Tree

WF = Wildflower

VC = Very Common

C = Common

MC = Moderately Common

UC = Uncommon

R = Rare

VR = Very Rare

Native Plants rated by their resistance to deer damage

Rarely Damaged RD
 Seldom Severely Damaged SSD
 Occasionally Severely Damaged OSD

Common name	Scientific Name	Plant type	Damaged by Deer
Hayscented Fern	<i>Dennstaeditia punctilobula</i>	Fern	RD
Wood Fern	<i>Dryopteris sp.</i>	Fern	RD
Sensitive Fern	<i>Onocleas sensibilis</i>	Fern	RD
Cinnamon Fern	<i>Osmunda cinnamomea</i>	Fern	RD
Royal Fern	<i>Osmunda regalis</i>	Fern	RD
New York Fern	<i>Thelyptens noveboracensis</i>	Fern	RD
Bearberry	<i>Arctastaphylos uva-ursi</i>	Groundcover	RD
Big Bluestem	<i>Andropogon sp.</i>	Ornamental Grass	RD
Switch Grass	<i>Panicum virgatum</i>	Ornamental Grass	RD
Little Bluestem	<i>Schizachrium scoparium</i>	Ornamental Grass	RD
Indian Grass	<i>Sorghastrum nutans</i>	Ornamental Grass	RD
Potentilla Cinquefoil	<i>Potentilla sp.</i>	Perennial	RD
Northern Bayberry	<i>Myrica pensylvanica</i>	Shrub	RD
Arrowwood Viburnum	<i>Viburnum dentatum</i>	Shrub	RD
River Birch	<i>Betula nigra</i>	Tree	RD
American Holly	<i>Ilex Opaca</i>	Tree	RD
Pitch Pine	<i>Pinus rigida</i>	Tree	RD
American Beech	<i>Fagus grandifolia</i>	Tree	RD
Marsh Hibiscus	<i>Hibiscus palustris</i>	Perennial	RD
Prickly Pear	<i>Opuntia humifusa</i>	Perennial-cactus	RD
Butterfly Weed	<i>Asclepias tuberosa</i>	Perennial	SSD
Swamp Milkweed	<i>Asclepias incarnata</i>	Perennial	SSD
Aster	<i>Aster sp.</i>	Perennial	SSD
White Snakeroot	<i>Eupatorium rugosum</i>	Perennial	SSD
New England Blazing Star	<i>Liatrus novae-angliae</i>	Perennial	SSD
Cardinal Flower	<i>Lobelia sp.</i>	Perennial	SSD
Goldenrods	<i>Solidago sp.</i>	Perennial	SSD
Red Chokeberry	<i>Aronia arbutifolia</i>	Shrub	SSD
Sweet Pepperbush	<i>Clethra sp.</i>	Shrub	SSD
Red Osier Dogwood	<i>Cornus sericea</i>	Shrub	SSD
Inkberry	<i>Ilex glabra</i>	Shrub	SSD
Winterberry Holly	<i>Ilex verticillata</i>	Shrub	SSD
Spicebush	<i>Lindera bezoin</i>	Shrub	SSD
Red Maple	<i>Acer rubrum</i>	Tree	SSD
Shadbush	<i>Amelanchier canadensis</i>	Tree	SSD
Smooth Shad	<i>Amelanchier laevis</i>	Tree	SSD
Eastern Redcedar	<i>Juniperus virginiana</i>	Tree	SSD
Eastern White Pine	<i>Pinus strobus</i>	Tree	SSD
Sundrops	<i>Oenothera sp.</i>	Perennial	OSD
Solomon's Seal	<i>Polygonatum sp</i>	Perennial	OSD
Mountain Laurel	<i>Kalmia latifolia</i>	Shrub	OSD
Flowering Dogwood	<i>Cornus florida</i>	Tree	OSD
White Oak	<i>Quercus alba</i>	Tree	OSD

Common name	Scientific Name	Plant type	Damaged by Deer
Chestnut Oak	<i>Quercus prinus</i>	Tree	OSD
Northern Red Oak	<i>Quercus rubra</i>	Tree	OSD
Virginia Creeper	<i>Parthenocissus quiquifolia</i>	Vine	OSD
Lowbush Blueberry	<i>Vaccinum angustifolium</i>	Shrub	RD
Highbush Blueberry	<i>Vaccinum corybosum</i>	Shrub	RD
Partridge Pea	<i>Cassia fasciculata</i>	Annual	RD
Sweet Everlasting	<i>Gnaphalium obtusifolium</i>	Perennial	RD
Wild Lupine	<i>Lupinus perennis</i>	Perennial	RD
Sweet Fern	<i>Comptonia peregrina</i>	Shrub	SSD
Colombine	<i>Aquilegia canadensis</i>	Perennial	SSD
Shining Sumac	<i>Rhus copallina</i>	Tree	
Smooth Sumac	<i>Rhus glabra</i>	Tree	
Staghorn Sumac	<i>Rhus typhina</i>	Tree	
Common Elderberry	<i>Sambucus canadensis</i>	Shrub	
Redberry Wintergreen	<i>Gaultheria procumbens</i>	Groundcover	

Local Native Plant Landscapers, Arborists, Native Plant Growers and Suppliers

This list is NOT comprehensive and its intent is to provide a reference to the businesses that are involved in some respect with native plants. If you are interested or know of anyone interested in being included on the list please contact Natural Resources Department. We will be happy to put any business interested in native plants and working with them on the list.

<u>Andres Landscaping & Maintenance</u>	20 Kent Place, EH	631-324-8331
<u>Araiys Landscape Architecture</u>	38 Nugent St., Suite B. Sthmptn	631-283-1131
<u>100% Natural Organics</u> James P. Rewinski, LLC	Box 2183, Sthmptn	631-204-9876 c:516-449-1704
<u>Bayberry</u>	Mtk Hwy., Amag.	631-267-3000
<u>Bisset Nursery</u>	323 Long Island Ave. Holtzville	631-289-3500
<u>Blake Environmental Design</u> Michael Blake	PO Box 2237, Sag Harbor	631-725-5675
<u>Botanic Nursery</u> Ron Jawin	16 Merchants Path, Wnsctt	631-537-5017
<u>Christopher Laguardia Designs</u> Christopher Laguardia	337 Montauk Hwy, Wtr Mill	631-726-1478
<u>Earth Tree Care</u> Edwin Montoya	Box 1927 Mtk	631-907-0172 c:516-658-6438
<u>ECOBARRIER</u> Mark Barauskas		631-208-9588 631-804-8044
<u>Fort Pond Native Plants</u> James Grimes Land Design	26 S.Embassy St., Mtk.	631-668-2396 631-668-9189
<u>Gardens East</u> Chris Roberts	Box 1977 EH	631-324-2483
<u>Hampton Beach Services</u>	Box 1197 Southampton	631-287-6688
<u>Hedges & Gardens</u> Elizabeth Linker	53 Rte 114, EH	631-329-4065
<u>Hren's Landscaping</u>	530 Mtk. Hwy., E.H.	631-324-0640
<u>Jack DeLashmet & Assoc.</u>	Box 264 Sagaponack	631-537-8100
<u>Land Use Ecological Services</u> Chuck Bowman	209 W Main Rd, Rvrhd	631-727-2400
<u>Landscaping by Tom Mac</u>	Sag Harbor	631-725-1249
<u>Landscaping Consulting Services</u> Pauline Rosen	Mtk	631-238-5244 c: 631-921-8538

<u>Land Use Ecological Services</u> Chuck Bowman	209 W Main Rd., Rvrhd	631-727-2400
<u>Lighthouse Landscaping</u> Debbie Kuntz	Box 1470 Mtk	631-668-3412 c:531-769-1231
<u>Marder's Bridgehampton Nursery</u>	Snake Hollow Rd., Bridgeh.	631-537-3700
<u>Meadows and Woods</u> Elisabeth Perrier	Springs, E.H.	631-324-0724
<u>Muse Designs</u> Thomas Muse	165 Noyak Rd. Sag Harbor	631-725-8725
<u>Old Orchard Nursery</u> Keith Scott Morton	Orient, N.Y.	917-923-5494
<u>Peconic Environmental Associates, Inc</u>	21 S Main St. Sthptn.	631-283-1607
<u>Ray Smith & Associates</u>	27 Henry Rd., Sthmptn.	631-287-6100 631-725-2727
<u>Remy Tree Inc</u>	P.O. Box 521 Sag Harbor	631-725-7305 c:516-983-7069
<u>Rhett's Landscape Design</u>	PO Box1750 3 Railroad Ave., EH	631-329-1561
<u>Richard Sperber</u>	Driftwood Dr., E.H.	631-324-4281
<u>Sound Landscape</u> Greg Condon	Amag.	631-329-6266
<u>Spielberg Nursery</u>	500 Mtk Hwy EH	631-329-1101
<u>Stachy Paetzel</u>	11 Muchmore Lane, E.H.	631-324-8716
<u>Star Landscaping</u> Byron Muralles	PO Box 1523 East Quogue	631-208-3818 c:631-553-9481
<u>Stony Hill Nursery Inc.</u>	50 Mtk Hwy., Amag.	631-267-7500
<u>Summerhill Landscapes Inc.</u>	6 Shaw Rd., Sag Harbor	631-725-0005
<u>Treewise</u> James Sottilo	PO Box 4174 E.H.	631-324-4239 c:631-324-8061
<u>Wainscott Farms Inc.</u> Jane E. Lappin	Box 696 Wainscott	631-537-1440
<u>Warren's</u> ask for Vicki Bustamante	779 Mtk Hwy., Watermill	631-726-4767
<u>Whitmore's</u>	80 Sag Harbor Tpk., E.H.	631-329-0446

COMMON EXOTIC AND INVASIVE PLANTS

FORBS

Alfalfa	<i>Medicago sativa</i>
Alsike Clover	<i>Trifolium hybridum</i>
Annual Wormwood	<i>Artemisia annua</i>
Asiatic Dayflower	<i>Commelina communis</i>
Bachelor's-Button	<i>Centaurea cyannis</i>
BirdFoot Trefoil	<i>Lotus corniculatus</i>
Bird's-Eye Speedwell	<i>Veronica chamaedrys</i>
Black Medick	<i>Medicago lupulina</i>
Black Mustard	<i>Brassica nigra</i>
Bladder Campion	<i>Silene cucubalus</i>
Bouncing Bet	<i>Saponaria officinalis</i>
Broad Dock	<i>Rumex obtusifolius</i>
Buckwheat	<i>Fagopyrum sagittatum</i>
Bugle	<i>Ajuga reptans</i>
Bulbous Buttercup	<i>Ranunculus bulbosus</i>
Bull Thistle	<i>Cirsium vulgare</i>
Butter-and-Eggs	<i>Linaria vulgaris</i>
Canada Thistle	<i>Cirsium arvense</i>
Catnip	<i>Mentha arvensis</i>
Cat's-Ear	<i>Hypochoeris radicata</i>
Celandine	<i>Chelidonium majus</i>
Charlock	<i>Brassica kaber</i>
Cheeses	<i>Malva neglecta</i>
Chickory	<i>Chicorium intybus</i>
Chinese Lespedeza	<i>Lespedeza cuneata</i>
Chinese Mustard	<i>Brassica juncea</i>
Coltsfoot	<i>Tussilago farfara</i>
Common Burdock	<i>Arctium minus</i>
Common Dandelion	<i>Taraxacum officinale</i>
Common Plantain	<i>Plantago media</i>
Common Chickweed	<i>Stellaria media</i>
Common Groundsel	<i>Senecio vulgaris</i>
Common Mullein	<i>Verbascum thapsus</i>
Common Nightshade	<i>Solanum nigrum</i>
Common Plantain	<i>Plantago major</i>
Common Sow-Thistle	<i>Sonchus asper</i>
Common Speedwell	<i>Veronica officinalis</i>
Common St. Johnswort	<i>Hypericum perforatum</i>
Common Tansy	<i>Tanacetum vulgare</i>
Corn-Cockle	<i>Agrostemma githago</i>
Corn Gromwell	<i>Lithospermum arvense</i>
Corn Speedwell	<i>Veronica arvensis</i>
Cow vetch	<i>Vicia cracca</i>
Creeping Buttercup	<i>Ranunculus repens</i>

Creeping Wood-Sorrel	<i>Oxalis corniculata</i>
Curley Dock	<i>Rumex crispus</i>
Cypress Spurge	<i>Euphorbia cyparissias</i>
Dame's Rocket	<i>Hesperis matronalis</i>
Day Lily	<i>Hemerocallis flava</i>
Deptford Pink	<i>Dianthus armeria</i>
Dusty Miller	<i>Artemisia stelleriana</i>
English Plantain	<i>Plantago lanceolata</i>
Erect Bugle	<i>Ajuga genevensis</i>
Evening Lychnis	<i>Lychnis alba</i>
Feverfew	<i>Chrysanthemum parthenium</i>
Field Mustard	<i>Brassica rapa</i>
Field Pennycress	<i>Thapsia arvense</i>
Field Sow-Thistle	<i>Sonchus arvensis</i>
Field Speedwell	<i>Veronica agrestis</i>
Field Thistle	<i>Cirsium discolor</i>
Flax	<i>Linum usitatissimum</i>
Forking Catchfly	<i>Silene dichotoma</i>
Galinsoga	<i>Galinsoga ciliata</i>
Garlic Mustard	<i>Alliaria petiolata</i>
Giant Hogweed	<i>Heracleum mantegazzianum</i>
Gill-over-the-Ground	<i>Glechoma hederacea</i>
Goatsrue	<i>Galega officinalis</i>
Green Amaranth	<i>Amaranthus retroflexus</i>
Green Amaranth	<i>Amaranthus hybridus</i>
Grape Hyacinth	<i>Muscari botryoides</i>
Hairy Hawkweed	<i>Hieracium hirsuta</i>
Hairy Vetch	<i>Vicia villosa</i>
Heal-All	<i>Prunella vulgaris</i>
Heather Ling	<i>Calluna vulgaris</i>
Helleborine	<i>Epipactis helleborine</i>
Hemp-Nettle	<i>Galeopsis tetrahit</i>
Henbit	<i>Lamium alexandrinum</i>
Horseradish	<i>Armoracia lapathifolia</i>
Hoary Alyssum	<i>Berteroa incana</i>
Hop Clover	<i>Trifolium agrarium</i>
Hyssop	<i>Hyssopus officinalis</i>
Indian Strawberry	<i>Duchesnea indica</i>
Japanese Knotweed	<i>Polygonum cuspidatum</i>
Jimsonweed	<i>Datura stramonium</i>
Kenilworth-Ivy	<i>Cymbalaria muralis</i>
Knawel	<i>Scleranthus annuus</i>
Lady's-Thumb	<i>Polygonum persicaria</i>
Lamb Succory	<i>Arnoseris minima</i>
Lamb's-Quarters	<i>Chenopodium album</i>
Leafy Spurge	<i>Euphorbia esula</i>
Least Hop Clover	<i>Trifolium dubium</i>
Lesser Celandine	<i>Ranunculus ficaria</i>
Lesser Stitchwort	<i>Stellaria graminea</i>
Mayweed	<i>Anthemis cotula</i>
Meadow Cranesbill	<i>Geranium sanguineum</i>

Mossy Stonecrop	<i>Sedum acre</i>
Moth Mullein	<i>Verbascum blattaria</i>
Motherwort	<i>Leonurus cardiaca</i>
Mouse-Ear Chickweed	<i>Cerastium vulgatum</i>
Mugwort	<i>Artemisia vulgaris</i>
Musk Thistle	<i>Carduus nutans</i>
Night-Flowering Catchfly	<i>Silene noctiflora</i>
Nightshade	<i>Solanum dulcamara</i>
Nodding Thistle	<i>Carduus nutans</i>
Orange Daylily	<i>Hemerocallis fulva</i>
Ox-Eye Daisy	<i>Chrysanthemum leucanthemum</i>
Pasture Thistle	<i>Cirsium pumilum</i>
Peppermint	<i>Mentha piperita</i>
Pineapple-Weed	<i>Matricaria matricarioides</i>
Plumeless Thistle	<i>Carduus acanthoides</i>
Prostrate Knotweed	<i>Polygonum aviculare</i>
Purple Loosestrife	<i>Lythrum salicaria</i>
Prickly Lettuce	<i>Lactuca scariola</i>
Queen Anne's-Lace	<i>Dauca carota</i>
Rabbit's-Foot Clover	<i>Trifolium arvense</i>
Red Clover	<i>Trifolium pratense</i>
Roadside Peppergrass	<i>Lepidium ruderales</i>
Rough-Fruited Cinquefoil	<i>Potentilla recta</i>
Salsify	<i>Tragopogon porrifolius</i>
Sand Spurrey	<i>Spergularia rubra</i>
Scarlet Lynchnis	<i>Lychnis chalcedonica</i>
Scotch Thistle	<i>Onopordum acanthium</i>
Sea-Poppy	<i>Glaucium flavum</i>
Self-Heal	<i>Prunella vulgaris</i>
Sheep Sorrel	<i>Rumex acetosella</i>
Shepherd's Purse	<i>Capsella bursa-pastoris</i>
Shrubby Lespedeza	<i>Lespedeza bicolor</i>
Sleepy Catchfly	<i>Silene antirrhina</i>
Slender Speedwell	<i>Veronica filiformis</i>
Small-Flowered Cranesbill	<i>Geranium pusillum</i>
Smaller Hop Clover	<i>Trifolium procumbens</i>
Spearmint	<i>Mentha spicata</i>
Spotted Knapweed	<i>Centaurea maculosa</i>
Spotted Medick	<i>Medicago arabica</i>
Stinging Nettle	<i>Urtica dioica</i>
Stinking Groundsel	<i>Senecio viscosus</i>
Storksbill	<i>Erodium cicutarium</i>
Sweet-William Catchfly	<i>Silene armeria</i>
Tansy Ragwort	<i>Senecio jacobaea</i>
Teasel	<i>Dipsacus laciniatus</i>
Thyme-Leaved Speedwell	<i>Veronica serpyllifolia</i>
White Clover	<i>Trifolium repens</i>
White Mustard	<i>Brassica hirta</i>
White Sweet Clover	<i>Melilotus alba</i>
Whitlow-grass	<i>Draba verna</i>
Wild Chamomile	<i>Matricaria chamomilla</i>

Wild Garlic	<i>Alium vulgare</i>
Wild Parsnip	<i>Pastinaca sativa</i>
Wild Radish	<i>Raphanus raphanistrum</i>
Winged Plumeless Thistle	<i>Carduus tenuiflorus</i>
Winter Cress	<i>Barbarea vulgaris</i>
Wood Strawberry	<i>Fragaria vesca</i>
Yarrow	<i>Achillea millefolium</i>
Yellow Goat's-Beard	<i>Tragopogon pratensis</i>
Yellow Iris	<i>Iris pseudacorus</i>
Yellow Sweet Clover	<i>Melilotus officinalis</i>
Yellow Vetchling	<i>Lathyrus pratensis</i>

GRASS/GRASSLIKE

Amur Silver-Grass	<i>Miscanthus sacchariflorus</i>
Arundo	<i>Arundo donax</i>
Bamboo	<i>Pseudosasa japonica</i>
Barnyard Grass	<i>Echinochloa crusgalli</i>
Barley	<i>Hordeum vulgare</i>
Barren Brome	<i>Bromus sterilis</i>
Beadgrass	<i>Paspalum paspalodes</i>
Bermuda Grass	<i>Cynodon dactylon</i>
Bulbous Bluegrass	<i>Poa bulbosa</i>
Bur Foxtail	<i>Setaria verticillata</i>
Canada Bluegrass	<i>Poa compressa</i>
Cheat	<i>Bromus secalinus</i>
Chinese Silvergrass	<i>Miscanthus sinensis</i>
Crested Wheatgrass	<i>Agropyron cristatum</i>
Ditch Reed	<i>Phragmites australis</i> (Eurasian strain)
Downy Chess	<i>Bromus tectorum</i>
Elegant Hairgrass	<i>Aira elegantissima</i>
Eulalia	<i>Miscanthus sinensis</i>
Feathertop	<i>Calamagrostis epigeios</i>
Foxtail Millet	<i>Setaria italica</i>
Golden Bamboo	<i>Phyllostachys aurea</i>
Gray Hairgrass	<i>Corynepherous canescens</i>
Green Foxtail	<i>Setaria viridis</i>
Hairgrass	<i>Aira praecox</i>
Hairy Chess	<i>Bromus commutatus</i>
Japanese Chess	<i>Bromus japonicus</i>
Johnson-Grass	<i>Sorghum halepense</i>
Kentucky Bluegrass	<i>Poa pratensis</i>
Meadow Fescue	<i>Festuca pratensis</i>
Moorgrass	<i>Molinia caerulea</i>
Nepalese Browntop	<i>Microstegium vimineum</i>
Nodding Foxtail	<i>Setaria faberi</i>
Northern Crab-grass	<i>Digitaria sanguinalis</i>
Oats	<i>Avena sativa</i>
Orchard Grass	<i>Dactylis glomerata</i>
Quackgrass	<i>Elytrigia repens</i>
Quaking Grass	<i>Briza media</i>
Rat's-tail Fescue	<i>Vulpia myuros</i>
Redtop	<i>Agrostis gigantea</i>
Rough Bluegrass	<i>Poa trivialis</i>
Rye	<i>Secale cereale</i>
Ryegrass	<i>Lolium perenne</i>
Sheep Fescue	<i>Festuca ovina</i>
Silver Hairgrass	<i>Aira caryophylla</i>
Smooth Crab-grass	<i>Digitaria ischaemum</i>
Sorghum	<i>Sorghum bicolor</i>
Speargrass	<i>Poa annua</i>
Stinkgrass	<i>Eragrostis cilianensis</i>
Sweet Vernal Grass	<i>Anthoxanthum odoratum</i>

Tall Fescue
Tall Oatgrass
Timothy
Velvet Grass
Wheat
Yard Grass
Yellow Foxtail
Zoysia

Festuca elatior
Arrhenatherum elatius
Phleum pratense
Holcus lanatus
Triticum aestivum
Eleusine indica
Setaria glauca
Zoysia japonica

SHRUBS

Andromeda	<i>Pieris japonica</i>
Amur Honeysuckle	<i>Lonicera maackii</i>
Asiatic Hydrangea	<i>Hydrangea paniculata</i>
Autumn Olive	<i>Eleagnus umbellata</i>
Basket Willow	<i>Salix purpurea</i>
Black Alder	<i>Alnus glutinosa</i>
Black Locust	<i>Robinia pseudoacacia</i>
Butterflybush	<i>Buddleia Davidae</i>
California Privet	<i>Lisustrum ovalifolium</i>
Chinaberrytree	<i>Melia azedarach</i>
Chinese Privet	<i>Ligustrum sinense</i>
Common Boxwood	<i>Buxus sempervirens</i>
Common Buckthorn	<i>Rhamnus cathartica</i>
Cranberrybush Viburnum	<i>Viburnum trilobum</i>
Daphne	<i>Daphne mezereum</i>
European Barberry	<i>Berberis vulgaris</i>
European Honeysuckle	<i>Lonicera xylosteum</i>
European Privet	<i>Ligustrum vulgare</i>
Forsythia	<i>Forsythia europaea</i>
Forsythia	<i>Forsythia ovata</i>
Heavenly Bamboo	<i>Nandina domestica</i>
Hiba Arborvitae	<i>Thujaopsis dolobrata</i>
Hollywood Juniper	<i>Juniperus chinensis var. torulosa</i>
Japanese Barberry	<i>Berberis thunbergii</i>
Japanese Knotweed	<i>Polygonum cuspidatum</i>
Japanese Privet	<i>Ligustrum japonicum</i>
Japanese Spiraea	<i>Spiraea japonica</i>
Japanese Viburnum	<i>Virburnum japonicum</i>
Jetbead	<i>Rhodotypos scandens</i>
Lilac	<i>Syringia vulgaris</i>
Memorial Rose	<i>Rosa wichuraiana</i>
Mimosa	<i>Albizia julibrissin .</i>
Morrow's Honeysuckle	<i>Lonicera morrowii</i>
Multiflora Rose	<i>Rosa multiflora</i>
Norway Maple	<i>Acer platanoides</i>
Old Fashioned Weigela	<i>Weigela florida</i>
Pachysandra	<i>Pachyandra terminalis</i>
Paper Mulberry	<i>Broussonetia papyrifera</i>
Princesstree	<i>Paulownia tomentosa</i>
Rose-of-Sharon	<i>Hibiscus syriacus</i>
Rugose Rose	<i>Rosa rugosa</i>
Russian Olive	<i>Elaeagnus angustifolia</i>
Sawtooth Oak	<i>Quercus acutissima</i>
Scotch Broom	<i>Cytisus scoparius</i>
Siberian Elm	<i>Ulmus pumila</i>
Siebold Viburnum	<i>Viburnum sieboldii</i>
Smooth Buckthorn	<i>Rhamnus frangula</i>
Sweet Breath of Spring	<i>Lonicera fragrantissima</i>
Tartarian Honeysuckle	<i>Lonicera tartarica</i>

Thorny Olive
Wayfaring-Tree
Weeping Forsythia
Whin
White Mulberry
Western Arborvitae
Wine Raspberry
Winged Burning Bush

Elaeagnus pungens
Viburnum lantana
Forsythia suspensa
Genista tinctoria
Morus alba
Thuja plicata
Rubus phoenicolasius
Euonymus alata

TREES

Arborvitae	<i>Thuja orientalis</i>
Austrian Black Pine	<i>Pinus nigra</i>
Balm-of-Gilead	<i>Populus gileadensis</i>
Black Locust	<i>Robinia pseudoacacia</i>
Boxelder	<i>Acer negundo</i>
Bradford Pear	<i>Pyrus calleryana</i>
Catalpa	<i>Catalpa speciosa</i>
Chinaberrytree	<i>Melia azedarach</i>
Crack Willow	<i>Salix fragilis</i>
English Hawthorne	<i>Crataegus monogyna</i>
English Holly	<i>Ilex aquifolium</i>
European Buckthorn	<i>Rhamnus cathartica</i>
European Weeping Birch	<i>Betula pendula</i>
European White Birch	<i>Betula alba</i>
Firs	<i>Abies spp.</i>
Glossy Buckthorn	<i>Rhamnus frangula</i>
Goat (Pussy) Willow	<i>Salix caprea</i>
Honey Locust	<i>Gleditsia tricanthos</i>
Horse Chestnut	<i>Aesculus hippocastanum</i>
Kousa Dogwood	<i>Cornus kousa</i>
Japanese Black Pine	<i>Pinus thunbergiana</i>
Lombardy Poplar	<i>Populus nigra</i>
Mimosa, Silk Tree	<i>Albizia julibrissin</i>
Mock Orange	<i>Philadelphus coronarius</i>
Norway Maple	<i>Acer plantanoides</i>
Osage Orange	<i>Maclura pomifera</i>
Plaintree Maple	<i>Acer pseudoplatanus</i>
Paper Mulberry	<i>Broussonetia papyrifera</i>
Plaintree Maple	<i>Acer pseudoplatanus</i>
Pussy Willow	<i>Salix discolor</i>
Princess Tree	<i>Paulonia tomentosa</i>
Russian Olive	<i>Eleagnus angustifolia</i>
Sawtooth Oak	<i>Quercus acutissima</i>
Scotch Pine	<i>Pinus sylvestris</i>
Siberian Crabapple	<i>Pyrus baccata</i>
Siberian Elm	<i>Ulmus pumila</i>
Spruces	<i>Picea spp</i>
Sweet Cherry	<i>Prunus avium</i>
Tree-of-Heaven	<i>Ailanthus altissima</i>
Weeping Willow	<i>Salix babylonica</i>
Western Arborvitae	<i>Thuja plicata</i>
White Mulberry	<i>Morus alba</i>
White Poplar	<i>Populus alba</i>

VINES

Amur Peppervine	<i>Ampelopsis brevipedunculata</i>
Bigleaf Periwinkle	<i>Vinca major</i>
Bitter Nightshade	<i>Solanum dulcamara</i>
Black Bindweed	<i>Polygonum convolvulus</i>
Black Swallow-Wort	<i>Cynanchum louiscae</i>
Boston Ivy	<i>Parthenocissus tricuspidata</i>
Chinese Matrimony Vine	<i>Lycium chinense</i>
Chinese Wisteria	<i>Wisteria sinensis</i> .
Chinese Yam	<i>Dioscorea oppositifolia</i>
Clematis	<i>Clematis maximowicziana</i>
Climbing Euonymous	<i>Euonymous fortunei</i>
Common Hop	<i>Humulus lupulus</i>
Common Morning-Glory	<i>Ipomoea purpurea</i>
Common Periwinkle	<i>Vinca minor</i>
Crown Vetch	<i>Coronilla varia</i>
English Ivy	<i>Hedera helix</i>
Everlasting Pea	<i>Lathyrus latifolius</i>
European Matrimony Vine	<i>Lycium barbatum</i>
Fiveleaf Akebia	<i>Akebia quinata</i>
Japanese Honeysuckle	<i>Lonicera japonica</i>
Japanese Wisteria	<i>Wisteria floribunda</i>
Kudzu	<i>Pueraria montana</i>
Mile-a-minute Weed	<i>Polygonum perfoliatum</i>
Oriental Bittersweet	<i>Celastrus orbiculata</i>
Oriental Clematis	<i>Clematis orientalis</i>
Porcelain Ampelopsis	<i>Ampelopsis brevipedunculata</i>
Purple Crownvetch	<i>Coronilla varia</i>
Sweet Autumn Clematis	<i>Clematis terniflora</i>
Sweet Pea	<i>Lathyrus odoratus</i>
Trumpet Creeper	<i>Campsis radicans</i>
Winter Creeper	<i>Euonymus fortunei</i>

A Collection of Wildflower Pictures Native to East Hampton Town



All Pictures taken in East Hampton Town

Asters



Calico Aster (*Aster lateriflorus*)



Maryland Golden Asters (*Chrysopsis mariana*)



Flat-topped White Aster (*Aster umbellatus*)



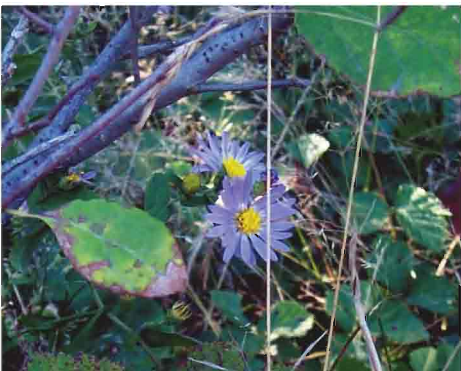
New England Aster (*Aster novae-anglae*)



Heath Aster (*Aster ericoides*)



New York Aster (*Aster novi-belgii*)



Late-flowering Aster (*Aster patens*)



Sickle-leaved Golden Aster (*Chrysopsis falcata*)



Stiff-leaved Aster (*Aster linariifolius*)



Beach Pea (*Lathyrus maritimus*)



White Wood Aster (*Aster divaricatus*)



Beach Plum (*Prunus maritima*)



Yellow Thistle (*Cirsium horridulum*)



Bearberry (*Arctostaphylos uva-ursi*)



Highbush Blueberry (*Vaccinium corybosum*)



Black-eyed Susan (*Rudbeckia hirta*)



Canada Burnett (*Sanguisorba canadensis*)



Blue-eyed Grass (*Sisyrinchium angustifolium*)



Canada Frostweed (*Helianthemums canadensis*)



Blue Flag Iris (*Iris versicolor*)



Cardinal Flower (*Lobelia cardinalis*)



Round-headed Bush Clover (*Lespedeza capitata*)



Colombine (*Aquilegia canadensis*)



Daisy Fleabane (*Erigeon annus*)



Sandplain Gerardia (*Agalinis acuta*)



Evening Primrose (*Oenothera biennis*)



Goat's-Rue (*Tephrosia virginiana*)



Downy False Foxglove (*Aureolaria virginica*)



Gray Goldenrod (*Solidago nemoralis*)



Purple Gerardia (*Gerardia purpurea*)



Sweet Goldenrod (*Solidago odora*)



Seaside Goldenrod (*Solidago sempervirens*)



Hyssop-leaved Thoroughwort (*Eupatorium hyssopifolium*)



Groundnut (*Apios americana*)



Indian Pipe (*Monotropa uniflora*)



Beach Heather (*Hudsonia tomentosa*)



False Indigo (*Amorpha fruticosa*)



Golden Heather (*Hudsonia ericoides*)



Inkberry (*Ilex glabra*)



Jack-in-the-pulpit (*Arisaema triphyllum*)



Lyre-leaved Rock Cress (*Arabis lyrata*)



Joe Pyeweed (*Eupatorium dubium*)



Marsh Hibiscus (*Hibiscus palustris*)



Pink Lady's slipper (*Cypripedium acaule*)



Marsh Pink (*Sabatia stellaris*)



Wild Pink (*Silene caroliniana*)



Common Meadow Beauty (*Rhexia virginica*)

Milkweeds



Blunt-leaved Milkweed (*Asclepias amplexicaulis*)



White Milkweed (*Asclepias variegata*)



Butterflyweed (*Asclepias tuberosa*)



Virginia Mountain Mint (*Pycnanthemum*)



Common Milkweed (*Asclepias syriaca*)



Whorled Milkwort (*Polygala verticillata*)



Swamp Milkweed (*Asclepias incarnata*)



New England Blazing Star (*Liatris scariosa* var.)

Orchids



Calapogon (*Calapogon puchellis*)



Crested Yellow Orchis (*Habenaria cristata*)



Nodding Ladies'-tresses (*Spiranthes cernua*)



Partridge-Pea (*Cassia fasciculata*)



Pennsylvania Smartweed (*Polygonum pennsylvanicum*)



Pine-Barren Sandwort (*Minuartia caroliniana*)



Prickly-Pear Cactus (*Opuntia humifosa*)



Plantain-leaved Pussytoes (*Antennaria plantaginifloium*)



Saltmarsh Fleabane (*Pluchea purperescens*)



Seabeach Sandwort (*Aranaria peploides*)



Saltwort, Glasswort (*Salicornia* spp.)



Sea Lavendar (*Limonium carolinianum*)



Seabeach Amaranth (*Amaranthus pumilus*)



False Solomon's Seal (*Smilacina racemosa*)



Seabeach Knotweed (*Polyganum glaucum*)



Sweet Everlasting (*Gnaphalium obtusifolium*)



Sweet Pepperbush (*Clethra alnifolia*)



Bird's-foot Violet (*Viola pedata*)



Trailing Arbutus (*Epigaea repens*)



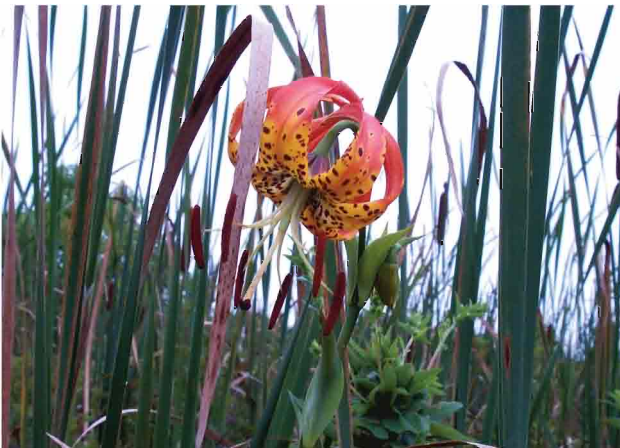
Northern Downy Violet (*Viola fimbriatula*)



Trailing Wild Bean (*Strophostyles helvola*)



Wild Lily-of-the-Valley, Canada Mayflower (*Maianthemum canadense*)



Turk's-cap Lily (*Lilium superbum*)



Wild Lupine (*Lupinus perennis*)