



FALMOUTH PLANNING BOARD
FALMOUTH, MASS. 02540

PLANT MATERIAL LISTING

As Required By
§5257 and §7170 of the
Falmouth Zoning By-law

§5257 and §7170 of the Falmouth Zoning By-laws are designed, in part, to ensure that new or modified commercial developments contain plant materials such as trees and shrubs that provide visual relief, sun and wind interruption and assure safe patterns of internal pedestrian and vehicular circulation. Traditionally, developers of property requiring compliance with §5257 and §7170 have all too often relied upon plans specifying plant materials in vague and general terms such as "proposed tree (typical)". These generalities have left many developers unsure of what plant materials are suitable given the location, existing soil type or intended function of the landscaping.

This booklet is intended to serve as a simplistic guide for developers and landowners alike as they develop and landscape property within Falmouth.

A note of caution, however. As a simplistic guide, this booklet is intended only to serve as a compilation of numerous species of trees, shrubs and ground cover. More detailed descriptions of most of the listed plant materials are found in The Audubon Society Field Guide to North American Trees, Eastern Region, Alfred A. Knopf, Inc., 1980, and Landscape Design that Saves Energy, Anne Moffat and Marc Schiler, William Morrow Company, 1981.

LIST OF SUGGESTED PLANT MATERIALS
FOR USE WITHIN THE TOWN OF FALMOUTH

Name	Growth Rate	Comments
Pacific dogwood, mountain dogwood	Medium	Globe-shaped, horizontal branching sensitive to 2-4-D. Bright red fruit, flowers.
European beech	Slow	Globe-shaped. Needs full sun. Sensitive to flouride. Susceptible to beech bark disease. Bronze fall foliage.
Green ash	Fast	Oval-shaped. Tolerant of sulfur dioxide, 2-4-D. Sensitive to flouride, ozone. Weak wood. Yellow fall color.
Modesto ash, Arizona ash	Fast	Tolerant of flourine, 2-4-D.
Ginkgo, maidenhair tree	Slow	Columnar. Tolerant of sulfur dioxide Sensitive to nitrous oxide, ozone. No diseases. Yellow fall foliage. Female produces obnoxious smelly fruit.
Thornless honey locust	Fast	Low, globe-shaped. Sensitive to ozone. Must remove pods, needs some spraying. Strong wood. Pest resistant. Yellow fall foliage.
Golden rain tree, varnish tree	Medium	Globe or columnar-shaped. Needs full sun. Tolerant of salt. Low Maintenance. Pest-free. Yellow flowers, fruit.
European larch	Fast	Pyramidal-shaped. Sensitive to nitrous oxide, chloride, ozone. Tolerant of PAN*, sulfur dioxide, susceptible to insects. Yellow fall foliage.
Sweet gum	Medium	Pyramidal-shaped. Sensitive to ozone, chloride. Tolerant of 2-4-D. Needs no special maintenance. Pest-resistant. Good fall color.
Tulip tree	Fast	Oval-shaped. Needs sun. Sensitive to ozone, PAN, smog. Tolerant of sulfur dioxide. Weak wood. Resistant to gypsy moth. Yellow flowers, yellow fall foliage.

*PAN refers to peroxyacetyl nitrate

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Name	Growth Rate	Comments
Yulan magnolia	Medium	Pyramidal-shaped. Prefers medium shade. White fragrant flowers.
White mulberry	Medium	Globe-shaped. Sensitive to salt, ozone.
Black tupelo, black gum, sour gum, pepperidge	Slow	Pyramidal-shaped. Tolerant of sulfur dioxide. Sensitive to chloride. Low maintenance. No pests. Good fall foliage.
Chinese pistachio	Slow	Flowers, red fall foliage.
London plane tree	Fast	Globe-shaped. Needs sun. Sensitive to 2-4-D. Tolerant of flourine. Low maintenance. Resistance to anthracnose. Fruit.
Eastern sycamore	Fast	Globe-shaped. Tolerant of salt, sulfur dioxide. Sensitive to ozone. Spray twice annually. Susceptible to anthracnose.
Bolleana poplar	Fast	Columnar-shaped. Roots likely to stop drains or cause heaving of sidewalks.
Callery pear	Medium	Oval-shaped. Pollution-resistant. Good street tree. Resistant to fire blight. Good fall color.
White oak	Slow	Globe-shaped with horizontal branches. Tolerant of ozone. Sensitive to salt. Low maintenance. Susceptible to scale.
Scarlet oak	Slow	Globe-shaped. Needs full sun. Grows in cities. Good fall color.
Mossy-cup oak, bur oak	Slow	Globe-shaped. Sensitive to salt.
Water oak	Slow	Globe-shaped.
Pin oak, Spanish oak	Slow	Pyramidal-shaped. Needs full sun. Sensitive to salt, ozone. Susceptible to horned oak gall. Red fall foliage.
Willow oak	Medium	Pyramidal-shaped. Grows in cities. Low maintenance. No pests. Yellow fall foliage.

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Name	Growth Rate	Comments
Northern oak	Slow	Globe-shaped. Grows in cities. Susceptible to oak wilt. Good fall color.
Black locust, false acacia, yellow locust	Fast	Columnar-shaped. Tolerant of sulfur dioxide, salt, fluoride. Sensitive to ozone, nitrous oxide. Needs treatment for borers. Weak wood. White flowers.
Golden weeping willow	Fast	Weeping. Tolerant of salt. Sensitive to sulfur dioxide, ozone. Weak wood. Yellow fall color.
Japanese pagoda tree, Chinese scholar tree	Medium	Globe-shaped. Grows in cities. Resistant to salt. Needs pruning to maintain shape. Susceptible to twig blight. Flowers.
European mountain ash, rowan tree	Slow	High, globe-shaped. Tolerant of fluoride, ozone. Sensitive to sulfur dioxide. Susceptible to borers, fire blight. White flowers, orange-red fruit.
Swamp cypress	Medium	Columnar-shaped. Needs sun. Reddish brown fall foliage.
American linden, basswood	Medium	Pyramidal. Sensitive to salt, ozone, nitrous oxide. Tolerant of fluoride. Susceptible to Japanese beetle. Fragrant blooms.
Little leaf linden	Medium	Pyramidal-shaped. Grows in cities. Tolerant of fluoride. Must be sprayed and pruned. Susceptible to Japanese beetle. Fragrant blooms.
Silver linden	Medium	Pyramidal-shaped. Fragrant blooms.
Chinese elm	Fast	Globe-shaped. Tolerates salt. Sensitive to ozone, sulfur dioxide, 2-4-D. Less susceptible to Dutch Elm Disease.
English elm	Fast	Propagated by suckers. Popular tree in Northeast.

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Name	Growth Rate	Comments
Japanese zelkova	Medium	Globe-shaped. Grows in cities. Susceptible to Dutch Elm Disease, beetles. Yellow fall foliage.
<u>Short Deciduous Trees (Under Thirty-Five Feet)</u>		
Amur maple	Slow	Globe-shaped. Sensitive to salt. Good fall color.
Japanese maple	Slow	Low, globe-shaped. Prefers medium shade. Sensitive to nitrous oxide, salt. No special maintenance required. Red foliage on some cultivars.
Downy serviceberry	Medium	Globe-shaped. Grows in shade. Salt sensitive. White blossoms, red fall foliage.
Apple serviceberry	Medium	Globe-shaped. Grows in shade. Sensitive to salt. Red flowers.
Shadblow, serviceberry	Medium	Showy, early spring bloom. Edible fruit.
Eastern redbud	Medium	Globe-shaped. Grows in shade. Sensitive to 2-4-D. Pink flowers. Colored fall foliage.
Fringe tree	Medium	Globe-shaped. Prefers full sun. Shite flowers, yellow fall color.
Flowering dogwood	Medium	Globe-shaped, horizontal branching. Grows in shade. Tolerant of sulfur dioxide. Sensitive to 2-4-D. Susceptible to dogwood borer. Flowers, bright red fruit.
Chinese dogwood	Medium	Globe-shaped. Sensitive to 2-4-D. Flowers, fruit, distinctive foliage.
English hawthorn	Slow	Low, globe-shaped. Sensitive to salt. Flowers, distinctive foliage.
Downy hawthorn	Medium	Low, globe-shaped. Sensitive to salt. White flowers, red fruit, useful for jellies.
Washington hawthorn	Medium	Low, globe-shaped. Grows in cities. Sensitive to salt. Weak wood. Susceptible to borers, scale. White flowers, red fruit.

LIST OF SUGGESTED PLANT MATERIALS
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Name	Growth Rate	Comments
Russian olive, oleaster, silver berry	Fast	Irregular-shape. Prefers full sun. Tolerant of fluoride, chloride. Grows in cities. Pest-free. Distinctive foliage.
Carolina silverbell, wild olive, shittim wood, opossum wood	Medium	Globe-shaped. Flowers, attractive fruit.
Golden train tree	Fast	Globe-shaped. Medium shade. Yellow flowers
Merrill magnolia	Medium	Pyramidal-shaped. Prefers medium shade. White flowers.
Saucer magnolia	Medium	Globe-shaped. Prefers full shade. Grows in cities. Requires selective pruning. Susceptible to magnolia scale. Attractive flowers.
Star magnolia	Medium	Globe-shaped. Prefers medium shade. Grows in cities. Requires selective pruning. Susceptible to borers, scale. Fragrant flowers.
Carmine crab apple	Medium	Globe-shaped. Semisensitive to salt. Flowers, fruit.
Siberian crab apple	Medium	Globe-shaped. Semisensitive to salt. Flowers, fruit.
Showy crab apple	Medium	Low, globe-shaped. Semisensitive to salt. Susceptible to borers, scale. Flowers, fruit.
Prairie crab apple, wild crab apple	Medium	Globe-shaped. Semisensitive to salt. Susceptible to borers, scale. Flowers, fruit.
Purple crab apple	Medium	Globe-shaped. Semisensitive to salt. Susceptible to borers, scale. Flowers, fruit.
White mulberry	Medium	Globe-shaped. Sensitive to salt.
Sorrel tree, sourwood	Slow	Globe-shaped. Takes sun or shade. Grows in cities. Tolerant of sulfur dioxide. Low maintenance. Flowers, distinctive foliage.
Amur cork tree	Fast	Globe-shaped. Insect-free. Grows in cities. Yellow fall foliage.

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Name	Growth Rate	Comments
Blireiana plum, purple leaf plum	Fast	Low globe-shaped. White flowers purple leaves.
Cherry plum	Fast	Low, globe-shaped. Tolerant of fluoride. Light-pink flowers, fruit.
Oriental cherry	Fast	Low, globe-shaped. Tolerant of fluoride. Flowers.
Higan cherry	Fast	Low, globe-shaped. Semisensitive to fluorine. Sensitive to smog. Flowers.
Chokecherry	Fast	Low, globe-shaped. Tolerant of salt.
Yoshino cherry, Japanese flowering cherry	Fast	Low, globe-shaped. Semisensitive to fluorine. Flowers.
Pear tree	Medium	Oval-shaped. Sensitive to sulfur dioxide, nitrous oxide. Needs spraying. Subject to scale and fire blight. White flowers.
Babylon weeping willow	Fast	Weeping. Full sun. Tolerant of salt. Sensitive to sulfur dioxide, ozone. Weak wood. Needs pruning. Yellow fall foliage.
Chinese tallow tree	Medium	Good street tree.
American mountain ash, dogberry, missey-moosey	Medium to Slow	Shrubby. Hardy. Thrives in dry soils.
Showy mountain ash	Fast	Globe-shaped. Tolerant of salt.
Japanese tree lilac	Medium	Globe-shaped. Prefers full sun. Salt-tolerant. Fruit, flowers.
Dwarf elm, Siberian elm	Fast	Globe-shaped. Sensitive to ozone, sulfur dioxide, 2-4-D. Tolerates salt. Weak wood. Less susceptible to Dutch Elm Disease.

Evergreen Trees
(Over Thirty-Five Feet)

Balsam fir	Medium	Does not thrive where growing season is hot or where air is polluted.
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Name	Growth Rate	Comments
White fir, concolor fir	Fast	Pyramidal-shaped. Semisensitive to ozone, sulfur dioxide. Grows in cities.
California incense cedar	Slow	Semisensitive to ozone
Blue atlas cedar	Medium	Pyramidal-shaped. Low maintenance Stark effect.
Lawson cypress, Port Orford cedar	Fast	Pyramidal-shaped. Thrives in full Sensitive to salt. Prized for many ornamental forms.
Arizona cypress	Medium to Slow	Pyramidal-shaped.
Norway Spruce	Fast	Pyramidal-shaped. Prefers medium shade. Sensitive to salt. Susceptible to spruce gall aphids, mites. Cones.
Black Hills spruce white spruce	Slow	Pyramidal with drooping branchlets. Tolerant of PAN, sulfur dioxide salt. Susceptible to red spider mites, aphids.
Colorado blue spruce	Medium	Pyramidal-shaped. Tolerant of ozone, PAN. Sensitive to nitrous oxide. Susceptible to mites, aphids, canker.
Jackpine, gray pine, scrub pine	Medium	Prefers full sun. Irregular-shaped. Sensitive to ozone. Tolerant of sulfur.
Black pine, Austrian pine	Medium	Pyramidal-shaped. Prefers full sun. Grows in cities. Sensitive to salt, sulfur dioxide. Water heavily at first. Susceptible to pine needle scale
Rocky Mountain yellow pine	Medium	Pyramidal-shaped. Prefers full sun. Sensitive to sulfur dioxide, fluoride, ozone.
Red pine, Norway pine	Medium	Pyramidal-shaped. Needs full sun. Tolerant of ozone. Susceptible to pine needle scale.
Eastern white pine	Fast	Pyramidal-shaped with horizontal branching. Full sun to med. shade. Sensitive to salt, ozone, sodium dioxide. Water heavily at first.

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Name	Growth Rate	Comments
Scotch Pine	Fast	Pyramidal-shaped. Prefers full sun. Sensitive to salt, ozone. Susceptible to pine needle scale. Red bark.
Japanese black pine	Slow	Irregular-shaped. Good seashore evergreen. Low maintenance.
Douglas fir	Fast	Pyramidal-shaped. Prefers full sun. Tolerant of PAN, ozone. Sensitive to sulfur dioxide. Low maintenance.
Canadian hemlock	Medium	Pyramidal-shaped. Prefers medium shade. Does not thrive in city. Sensitive to salt. Must be watered. Susceptible to spruce mites.
Chinese evergreen elm	Fast	Globe-shaped. Sensitive to ozone, sulfur dioxide, 2-4-D. Tolerant of salt. Less susceptible to Dutch Elm Disease.

Evergreen Trees
(Under Thirty-Five Feet)

Japanese plum yew, Harrington plum yew	Medium	Male cones in clusters
Sweet bay	Slow to Medium	Globe-shaped. Grows in shade. White flowers.
Norway spruce	Fast	Pyramidal-shaped. Prefers medium shade. Semisensitive to salt. Susceptible to spruce gall aphids, mites.
Umbrella pine	Slow	Horizontal branching, pyramidal-shaped. Prefers shade. Sensitive to pollution.
Canada hemlock	Medium	Pyramidal-shaped. Prefers shade. Sensitive to salt. Does not thrive in cities.
Carolina hemlock	Medium	Pyramidal-shaped. Prefers shade. Dense foliage. Grows in cities. Susceptible to spruce mites.
Joshua tree	Slow to Medium	Irregular-shaped. Requires full sun. Good drainage, sandy loam, open exposure are preferred. Flowers.

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Name	Growth Rate	Comments
Japanese barberry	Fast	Grows in shade. Tolerant of 2-4-D. Should be pruned. Bright-red berries fall color.
Strawberry shrub, Carolina allspice	Medium	Large, fragrant flowers.
Siberian pea tree	Medium	Requires full sun, sandy soil. Tolerant of salt. Showy, yellow flowers.
Bluebeard	Medium	Prefers sun. Needs pruning. Attractive flowers.
Flowering quince	Medium	Attractive ornamental. Sensitive to salt. Needs pruning. Susceptible to fire blight, borers, scale. Flowers.
Spreading cotoneaster	Medium	Pink flowers, red fruit.
Wild olive, Russian olive, silverberry	Fast	Prefers full sun. Tolerant of fluoride chloride, salt. Grows in cities. Pest free. Distinctive foliage.
Silverberry	Fast	Fragrant flowers, fruit.
Cherry elaeagnus	Medium	Prefers well-drained soil and sunny location. Fragrant flowers, orange fruit.
Dwarf winged bush, dwarf burning bush	Fast	Prefers full sun. Grows in cities. Red fall foliage.
Forsythia	Fast	Requires full sun. Grows in cities. Needs pruning. Yellow flowers.
Hydrangea, hortensia	Medium	Blooms in full sun or partial shade. Needs pruning.
Beauty bush	Medium	Needs full sun. Sensitive to salt. Flowers.
Amur privet	Fast	Sensitive to salt, fluoride, nitrous oxide.
California privet	Fast	Sensitive to salt, fluoride, nitrous oxide.
Common privet, prim privet	Fast	Sensitive to salt, fluoride, nitrous oxide.
Honeysuckle	Fast	Prefers sun to medium shade. Tolerant of ozone, salt. Fragrant flowers.

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Name	Growth Rate	Comments
Manchu or Nanking cherry	Medium	Semisensitive to fluoride. One of earliest flowering shrubs. Red tasty fruit, white flowers.
Pussy willow	Fast	Sensitive to sulfur dioxide, ozone. Tolerant of salt.
Spirea, bridal wreath	Fast	Thrives in sun or shade. Requires plenty of moisture. Sensitive to salt. White flowers.
Snowberry	Medium	Prefers full sun. Tolerant of ozone. Susceptible to disease. Ornamental fruite, pink flowers.
Indian current, coralberry	Medium	White flowers. Coral red fruit.
Cultivars (lilacs)	Medium	Prefers full sun. Tolerant of salt, 2-4-D. Sensitive to ozone. Susceptible to lilac borer. Fragrant flowers.
Weigela	Medium	Thrives in sun to medium shade. Sensitive to 2-4-D. Low maintenance Showy flowers.
<u>Evergreen windbreaks, Hedges, or borders</u>		
Wintergreen barberry	Medium	Thrives in medium sun to medium shade. Sensitive to salt. Yellow flowers.
Mentor barberry	Medium	Sensitive to salt. Red berries.
Japancese littleleaf boxwood	Slow	Thrives in medium shade. Yellow flowers.
Common boxwood	Slow	Grows in shade. Needs special care. Susceptible to leaf miner.
Parney's red clusterberry	Medium	Prefers full sun.
Evergreen euonymus, spindle tree	Medium	Many cultivars. Fruit, flowers.
American holly	Variable	Sensitive to salt. Tolerant of ozone. Red fruit.
Italian jasmine	Fast	Needs sun. Large, fragrant flowers.

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Name	Growth Rate	Comments
Chinese Juniper	Slow	Needs full sun. Tolerant of fluoride sulfur dioxide. Susceptible to juniper scale, mites. Fruits.
Rocky Mountain juniper, western red cedar	Medium	Needs full sun. Tolerant of fluoride, sulfur dioxide. Susceptible to red spider mites.
Eastern red cedar	Variable	Needs full sun. Tolerant of fluoride, sulfur dioxide. Susceptible to red spider mites.
Mountain laurel, calico bush	Medium	Thrives in full shade. Tolerant of ozone. Susceptible to lace bug. Pink & white flowers.
Box honeysuckle	Medium	Thrives in sun to medium shade. Tolerant of ozone, salt. Flowers
Prickly pear, tuna cactus	Medium	Needs sun. Easily propagated from cuttings placed directly in sandy, well drained soil. Requires little water. Showy flowers.
Japanese andromeda, lily-of-the-valley bush	Slow	Needs medium shade. White flowers.
Fire thorn	Medium	Tolerant of salt. Susceptible to borers, scale. Berries, flowers.
Japanese yew	Slow	Thrives in sun or shade. Semisensitive to 2-4-D. Susceptible to taxus weevil. Many cultivars.
Cultivars (yew)	Slow	Branches olive green and spreading. Otherwise similar to T. cuspidata.
American arborvitae, Douglas arborvitae, white cedar	Medium	Tolerant of sulfur dioxide, ozone, chloride. Sensitive to ethylene. Susceptible to leaf miner, bagworm. Gold fall foliage.
Leatherleaf viburnum	Slow	Unusual foliage. Fruits.
Laurustinus	Medium	White flowers.

LIST OF SUGGESTED PLANT MATERIALS
FOR USE WITHIN THE TOWN OF FALMOUTH ,

Deciduous Shrubs

Name	Growth Rate	Comments
Summer lilac	Medium	Thrives in sun. Needs some pruning. Orange, fragrant flowers.
Carolina allspice	Medium	Large, fragrant, reddish-brown flowers.
Siberian dogwood	Medium to fast	Sensitive to 2-4-D. Must be pruned. Flowers, red stems.
Cornelian cherry, sorbet	Medium	Thrives in full sun or full shade. Tolerant of fluoride. Sensitive to 2-4-D. Yellow flowers, red fruit.
Smokebush	Medium	Leaves purplish. Pest-resistant.
Cranberry cotoneaster	Medium	Prefers sunny location in well-drained soil. Pink flowers, red fruit.
Spreading cotoneaster	Medium	Pink flowers, red fruit.
English hawthorn	Slow	Sensitive to salt. Flowers.
Broom	Slow	Needs sun. Grows in cities. Good fall color, flowers.
February daphne	Slow	Thrives in medium shade. Susceptible to twig blight. Pink fragrant flowers
Deutzia	Medium	Needs sun. Sensitive to fluoride. White flowers.
Chinese bellflower	Medium	Thrives in full sun to med. shade. Member of heath family. Yellow flowers, good fall color.
Lady's eardrops	Medium	Pendulous, colorful summer flowers.
Witch hazel	Fast	Grows in shade. Tolerant of salt. Susceptible to horned gall. Yellow, fragrant flowers.
Rose of Sharon	Medium	Needs full sun. Hardy species. Should not be purned. Small pinkish, mauve flowers.
Common big leaf hydrangea	Medium to fast	Showy flowers. Frequires rich, porous soil. Prefers full sun.
Peegee hydrangea	Medium	White flowers.
Tree peony	Medium	Needs full sun to medium shade. Showy flowers.
Mock orange	Fast	Thrives in sun or shade. Tolerant of salt. Sensitive to ozone. Needs some pruning. White flowers.

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Name	Growth Rate	Comments
Bush cinquefoil	Fast	Grows in shade. Yellow flowers, good fall color.
Flowering almond	Medium	Sensitive to salt. Susceptible to borers, tent caterpillars. White or pink flowers.
Flame azalea	Medium	Needs sun to medium shade. Sensitive to salt, ozone. Flowers.
Korean rhododendron	Medium	Needs sun to medium shade. Sensitive to salt, ozone. Flowers.
Royal azalea	Medium	Needs sun to medium shade. Sensitive to salt, ozone. Flowers.
Rugosa rose	Medium	Sensitive to fluoride, salt. Tolerant of sulfur dioxide. Needs pruning. Pink or white flowers.
Meadowsweet	Fast	Thrives in sun or shade. Sensitive to salt.
Fragrant snowball	Medium	Grows in medium shade. Good fall color, fragrant flowers.
Japanese snowball	Medium	Red fall foliage, white flowers.
American cranberry bush	Medium	White flowers, scarlet fruit.

Evergreen Shrubs

Glossy abelia	Medium	Grows in shade. Flowers.
Saltbush, orach	Variable	Often occur in saline soils. Grown as ornamentals or for forage in desert regions, .
Hinoki false cypress	Slow	Needs medium shade.
Sawara false cypress	Slow	Needs mecium shade.
Bearberry cotoneaster	Slow to Med.	Thrives in full sun or full shade. Susceptible to borers, scale. White flowers, scarlet berries.
Rock spray, rock cotoneaster	Medium	Needs full sun to full shade. Susceptible to borers, scale. White flowers, scarlet berries.
Cotoneaster	Medium	White flowers in large clusters. Showy fruits.

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Name	Growth Rate	Comments
Winter creeper	Slow to Med.	Thrives in full sun or full shade. Needs some trimming and weeding.
Wilson holly	Med. to fast	Vigorous tree with leatherly leaves. Attractive fruit.
English holly	Slow	Prefers medium shade. Sensitive to sulfur dioxide. Semisensitive to fluoride. Red fruit.
Japanese holly	Medium	Needs medium shade. Sensitive to ethylene.
Common juniper	Slow	Prefers full sun. Tolerant of fluoride, sulfur dioxide. Susceptible to insect pests. Fruit.
Shore juniper	Medium	Thrives in full sun or medium shade. Tolerant of salt.
Japanese garden juniper	Slow	Prefers full sun. Tolerant of fluoride, sulfur dioxide.
Savin juniper	Medium	Thrives in full sun or med. shade. Tolerant of fluoride, sulfur dioxide. Must remove dead branches. Susceptible to juniper twig blight.
Drooping leucothoe	Med. to slow	Prefers medium shade. Needs some pruning. White flowers, red fall color.
Oregon holly grape	Medium	Prefers medium shade. Susceptible to foliar burn. Flowers, edible fruit.
Mountain andromeda	Medium	Requires moist peaty or sandy soil and partial shade. Flowers.
Bristlecone pine	Medium	Prefers full sun. Sensitive to smog.
Mugo pine	Slow	Thrives in full sun to med. shade. Tolerant of sulphur dioxide. Sensitive to fluoride. Susceptible to pine needle scale.
Oriental arborvitae	Slow	Tolerant of ozone, Susceptible to leaf miner, bugworm.
Carolina rhododendron	Medium	Prefers medium shade. Sensitive to salt, ozone. Pink flowers.
Indian azalea	Medium	Thrives in sun or med. shade. Sensitive to salt, ozone. Flowers.

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Name	Growth Rate	Comments
Rosebay rhododendron great laurel	Medium	Thrives in sun to med. shade. Sensitive to ozone, salt. Flowers.
English yew	Slow	Thrives in sun or shade. Sensitive to salt. Susceptible to taxus weevil.
<u>Deciduous Vines</u>		
Bower actinidia, tara vine	Fast	Thrives in full sun or med. shade. Fruits. Fragrant flowers.
Trumpet vine	Fast	Needs full sun. Flowers.
American bittersweet	Fast	Thrives in full sun or med. shade. Needs pruning. Fruits.
Hybrid clematis	Fast to med.	Thrives in full sun or med. shade. Needs some pruning. Showy flowers.
Pink anemone clematis	Fast to med.	Needs full sun to med. shade. Needs some pruning. Flowers.
Japanese hop	Fast	Thrives in full sun to med. shade.
Climbing hydrangea	Fast	Needs full sun to med. shade. Flowers.
Moonflower	Fast	Thrives in full sun to med. shade. Flowers.
Goldflame honeysuckle	Fast	Thrives in full sun to medium shade. Needs trimming. White to yellow fragrant flowers.
Hall's honeysuckle	Fast	Thrives in full sun to medium shade. Tolerant of ozone, salt. Needs trimming. White to yellow fragrant flowers.
Trumpet honeysuckle	Fast	Thrives in full sun to med. shade. Tolerant of ozone, salt. Needs trimming. Flowers, fruits.
Matrimony vine	Fast	Prefers full sun. Useful for dry, poor soils.
Virginia creeper	Fast	Thrives in full sun to med. shade. Sensitive to ozone. Tolerant of salt. Colored, fall foliage.

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Name	Growth Rate	Comments
Boston Ivy	Fast	Thrives in full sun to med. shade. Sensitive to ozone. Needs heavy trimming. Colored fall foliage.
Silver fleece vine	Fast	Needs full sun. Flowers, fruits.
Kudzu	Very fast	Needs full sun. Grows extremely fast. Flowers
Glory vine	Fast	Needs full sun. Fruits.
Riverbank grape	Fast	Needs full sun. Sensitive to ozone, fluoride, sulfur dioxide. Needs pruning, fertilization. Fruits.
Japanese wisteria	Fast	Needs full sun. Needs pruning. Pendant flowers in clusters.
Chinese wisteria	Fast	Needs full sun. Needs pruning Flowers.

Evergreen Vines

Five leaf akebia	Fast	Thrives in full sun to med. shade. Fragrant flowers. Half-evergreen.
Cross vine	Fast	Needs sun. Flowers.
Common winter creeper	Medium	Thrives in full sun or full shade. Needs trimming and weeding.
English ivy	Fast	Thrives in full sun or full shade. Sensitive to salt. Trim annually. Water.
Trumpet honeysuckle	Fast	Thrives in full sun to med. shade. Tolerant of ozone, salt. Needs cutting. Flowers, fruits.
Star jasmine	Slow	Needs full sun or med. shade. Sensitive to salt. Needs cutting, feeding, weeding. Fragrant, small white flowers.

Ground Covers

Silver-edge Bishop's weed	Fast	Thrives in sun or med. shade. Flowers.
Bugleweed	Fast	Thrives in full sun or med. shade. Some feeding, trimming, watering needed. Blue flowers.

LIST OF SUGGESTED PLANT MATERIALS
FOR USE WITHIN THE TOWN OF FALMOUTH

Tall Deciduous Trees
(Over Thirty-Five Feet)

Name	Growth Rate	Comments
Big leafed maple, California maple	Variable	Globe-shaped. Chloride-tolerant Yellow and orange fall foliage.
Norway Maple	Medium	Columnar or globe-shaped. Low maintenance. Yellow fall foliage.
Red maple, scarlet maple, swamp maple	Fast	Globe-shaped. Sensitive to salt, nitrous oxide. Tolerant of sulfur dioxide, ozone. Red or yellow fall foliage.
Silver maple, soft maple	Fast	Pendulous branches. Red and yellow fall foliage. Source of commercial wood.
Sugar Maple, rock maple	Fast	Columnar or globe-shaped. Sensi- tive to salt, nitrous oxide. Tolerant of sulfur dioxide, ozone. Must remove dead wood. Good fall color.
Ruby horse chestnut	Slow	Oval-shaped. Salt-tolerant. Must remove dead fruit and flowers. Susceptible to mildew. Red blossoms, horse chestnuts.
European white birch	Fast	Weeping. Prefers medium shade. Tolerant of salt, ozone, chloride. Sensitive to sulfur dioxide, 2-4-D. Subject to borers.
Shagbark hickory	Slow	Oval-shaped. Hard wood. Salt- tolerant. Yellow fall foliage.
Chinese chestnut	Medium	Low, oval-shaped. Medium shade. Resistant to chestnut blight. Yellow flowers.
Katsura tree	Fast	Oval-shaped. Disease free. Dis- tinctive foliage.
American yellowwood	Medium	Globe-shaped. Sensitive to 2-4-D. Needs Spray against oyster scale. Weak wood. White blossoms.

LIST OF SUGGESTED PLANT MATERIALS
FOR USE WITHIN THE TOWN OF FALMOUTH

Name	Growth Rate	Comments
Rock jasmine	Medium	Must be watered. Flowers.
Everlasting, pussy's toes	Medium	Adapted to poor soil. Flowers.
Bearberry	Slow	Thrives in full sun to med. shade. Needs watering, good drainage.
Chaparral broom	Fast	Thrives in full sun to med. shade. Needs little water, some feeding. profuse flowers.
Ground morning glory	Med. to fast	Needs full sun, light pruning. Lavender-blue flowers.
Winter creeper	Slow to med.	Thrives in full sun or full shade. Needs trimming and weeding. Purple foliage in winter.
English ivy	Fast	Thrives in full sun or full shade. Sensitive to salt. Trim annually, water. Many cultivars, berries.
Chinese juniper	Slow	Needs full sun. Tolerant of fluoride, sulfur dioxide. Susceptible to juniper scale, mites. Fruit
Wilton carpet juniper	Medium	Needs full sun. Semisensitive to salt. Susceptible to mites. Purple fall foliage.
Creeping juniper	Medium	Prefers full sun. Semisensitive to salt.
Dwarf holly grape	Slow to med.	Thrives in med. to full shade. Small yellow flowers, blackfruits.
Japanese pachysandra	Fast	Thrives in med. or full shade. Keep weeded and watered. Small white flowers, white berries.
Canby paxistima	Slow to med.	Thrives in full sun or med. shade.
Dwarf rosemary,	Slow	Needs full sun. Tolerant of salt. Needs feeding, thinning out. Light-blue flowers.
Rock foil	Fast	Thrives un full sun to med. shade. Needs watering. Good for rock garden.
Stonecrop	Fast	Thrives in full sun to med. shade. Succulent.
Mother-of-thyme	Fast	Thrives in sun to med. shade. Low maintenance. Flowers.
Creeping myrtle	Fast	Thrives in med. to full shade. Small flowers.