

Nebraska Nursery and Landscape Study Guide

The Nebraska FFA Nursery and Landscape contest list contains 100 plants that are important to Nebraska. Although some plants on this list can be easily identified by form or bark pattern, this study guide is designed to help students identify plant material as it would be brought into a nursery. The leaf is the key characteristic for all plants. The secondary characteristic for each plant depends on the plant type, again focusing on what plant part is most likely to be brought into a nursery for identification. For herbaceous plants, flowers are the secondary characteristic. The list has been divided based on plant (evergreen or deciduous) and leaf characteristics (alternate or opposite; simple or compound).

HERBACEOUS PERENNIALS

Simple, alternate

aster, *Aster* sp.

Leaf: alternate, entire, pubescent, sessile, length varies, longer than wide

Flower: head and ray flowers in various colors

purple coneflower, *Echinacea purpurea*

Leaf: alternate, lower coarsely toothed and long petioled; upper narrower, almost entire, and sessile; 4-8 inches long

Flower: head, purple ray flowers, drooping; brown disk flowers

shasta daisy, *Leucanthemum x superbum*

Leaf: alternate, narrow, coarsely toothed, upper sessile

Flower: head, white ray flowers, yellow disk flowers, 2-3 inches across

yarrow, *Achillea millefolium*

Leaf: alternate, finely dissected, gray-green

Flower: many small heads, terminal, flat-topped corymbs, white to pink to red, 2-3 inches across

goldenrod, *Solidago* sp.

Leaf: alternate, serrate, linear, three dominant veins below

Flower: many small heads, curved panicles, yellow

Simple, opposite

Russian sage, *Perovskia atriplicifolia*

Leaf: opposite, strongly dissected, feathery, gray-white, 1-2 inches long

Flower: terminal spikes, two-lipped, lavender-blue, above foliage

Other: stems are gray-white, woody base

sedum, *Sedum* sp.

Leaf: opposite, succulent, rounded teeth, ½-3 inches long

Flower: terminal flowers in cymes, star-shaped, various colors

Basal Leaves

carpet bugle, *Ajuga reptans*

Leaf: basal, entire, rounded at end, tapering to petiole

Flower: spike, blue to blue-violet

Other: stems square

daylily, *Hemerocallis* sp.

Leaf: rising from fans, narrow, linear

Flower: tubular, on long scapes, various colors, lasting a day

iris, *Iris* sp.

Leaf: rising from rhizome, clusters, narrow, pointed

Flower: six segments, three outer peeling back, three inner upright and smaller, various colors

hosta, *Hosta* sp.

Leaf: basal, long petioles, green to blue, some with yellow or white variegation

Flower: trumpet-shaped on long scape, white to bluish-purple

Yucca, *Yucca* sp.

Leaf: basal, narrow, tapering to tip, up to 24 inches long

Flower: scape above foliage, panicle, drooping down, white, 1-2 inches long

Compound

astilbe, *Astilbe chinensis*

Leaf: 2-3 ternately compound, doubly serrate edges

Flower: dense panicles, 3-24 inches long, pink to purple

columbine, *Columbine aquilegia*

Leaf: 2-3 ternately compound, each leaflet deeply incised

Flower: 5-petaled, backward projecting spurs from each of the five petals, various colors

peony, *Paeonia* hybrids

Leaf: alternate, biternate, entire or lobed

Flower: single or double, 3-6 inches across, various colors

TURFGRASSES

Bermudagrass, *Cynodon dactylon*

Leaf: short, rough along the edges, sharp pointed, hairy on margins

Growth habit: rhizomes and stolons

Buffalograss, *Buchloe dactyloides*

Leaf: narrow, bluish-green, varying degrees of pubescence

Growth habit: stolons

Other: male flowers above the canopy, female flowers within the canopy

Kentucky bluegrass, *Poa pratensis*

Leaf: medium texture, terminate in boat-shaped tip, two narrow bands along midrib

Growth habit: rhizomes

tall fescue, *Festuca arundinaceae*

Leaf: medium to coarse texture, strongly veined, rough edges

Growth habit: bunch-type

ORNAMENTAL GRASSES

feather reedgrass, *Calamagrostis arundinacea*

Leaf: long, narrow, upright, green, some with white to cream variegation

Inflorescence: slender panicle, ruby to tan colored

Japanese silvergrass, *Miscanthus sinensis*

Leaf: long, narrow, green, some with yellow or white variegation or banding

Inflorescence: panicle, loose, terminal, finger-like, pale pink to reddish-purple

DECIDUOUS SHRUBS

Alternate, simple

Japanese barberry, *Berberis thunbergii*

Leaf arrangement: alternate, often in clusters

Leaf: simple, entire, base tapers to petiole, no spines, ½-1¼ inches long

Fruit: berry, red

Other: twigs with one spine at each bud

black chokeberry, *Aronia melanocarpa*

Leaf arrangement: alternate

Leaf: simple, doubly serrate, glossy, 1-3 inches long

Fruit: pome, purplish-black

Other: dark glands on midrib

bridalwreath spirea, *Spiraea x vanhouttei*

Leaf arrangement: alternate

Leaf: simple, irregular teeth, dull bluish-green, ¾-1 ¾ inches long

Fruit: follicle, brown, in umbel-like corymbs

Other: white flowers on arched branches

bumalda spirea, *Spiraea x bumalda*

Leaf arrangement: alternate

Leaf: simple, doubly-toothed, reddish-purple when young, 1-3 inches long

Fruit: follicle, brown, terminal corymbs

spreading cotoneaster, *Cotoneaster divaricatus*

Leaf arrangement: alternate

Leaf: simple, entire, dark green above, lighter and pubescent beneath, 1/3–1 inch long

Fruit: pome, red

wild plum, *Prunus americana*

Leaf arrangement: alternate

Leaf: simple, doubly serrate, 2-4 inches long

Fruit: drupe, yellow to red

Other: petiole pubescent

DECIDUOUS SHRUBS

Alternate, compound

Rose, *Rosa* sp.

Leaf arrangement: alternate

Leaf: pinnately compound, 3-7 leaflets, serrate, 1-2 inches long

Fruit: hip

Other: thorny stems

Potentilla, *Potentilla fruticosa*

Leaf arrangement: alternate

Leaf: pinnately compound, 3-7 leaflets, rolled leaf edges, pubescent, ½ -1 inch long

Fruit: achene, persistent

Other: yellow flower

'Gro Low' sumac, *Rhus aromatica* 'Gro Low'

Leaf arrangement: alternate

Leaf: tri-foliolate, coarsely toothed, terminal larger (1½ -3 inches) than lateral (1-1 ½ inches long)

Fruit: drupe, orange, hairy

smooth sumac, *Rhus glabra*

Leaf arrangement: alternate

Leaf: pinnately compound, 12-18 inches long, 11-31 leaflets, serrate, rachis normally red, 2-5 inches long

Fruit: drupe, red, hairy

Other: leaf scar encircling bud

DECIDUOUS SHRUBS

Opposite, simple

American cranberrybush viburnum, *Viburnum trilobum*

Leaf arrangement: opposite

Leaf: simple, 3-lobed, middle lobe sometimes elongated, coarsely toothed, 2-5 inches long

Fruit: drupe, bright red

border forsythia, *Forsythia x intermedia*

Leaf arrangement: opposite

Leaf: simple, serrate on upper half of leaf, entire on lower half, 3-5 inches long

Fruit: capsule, brown

Other: Twig yellow-brown, prominent raised lenticels, chambered pith at node, hollow at internodes

burkwood viburnum, *Viburnum x burkwoodii*

Leaf arrangement: opposite

Leaf: simple, slightly toothed, rough dark green above, lighter and tomentose below, 1½ -4 inches long

Fruit: drupe, red to black

Other: buds naked, tomentose; flower pink in bud, white when open

chenault coralberry, *Symphoricarpos x chenaultii*

Leaf arrangement: opposite

Leaf: simple, entire, small, dull green above, glaucescent and pubescent below, 1-1½ inches long

Fruit: drupe, purplish-red, persists through winter

common lilac, *Syringa vulgaris*

Leaf arrangement: opposite

Leaf: simple, entire, heart-shaped, 2-5 inches long

Fruit: capsule

Other: terminal buds in pairs

oakleaf hydrangea, *Hydrangea quercifolia*

Leaf arrangement: opposite

Leaf: simple, serrate, 3 to 7 lobed, leathery and dark green above, tomentose below, 3-8 inches long

Fruit: capsule, persists through winter

Other: stems coarsely exfoliating

redtwig dogwood, *Cornus sericea*

Leaf arrangement: opposite

Leaf: simple, entire, veins running parallel to leaf edge, 2-5 inches long

Fruit: drupe, white

Other: red stems on juvenile growth

winged euonymus, *Euonymus alatus*

Leaf arrangement: opposite

Leaf: simple, serrate, dark green, 1-3 inches long

Fruit: capsule, red, 4-lobed

Other: twigs four angled, corky ridges

VINES OR GROWDCOVERS

Boston ivy, *Parthenocissus tricuspidata*

Leaf arrangement: alternate

Leaf: simple, coarsely serrate, dark green, veins below are finely pubescent, 4-8 inches wide

Stem: adhesive-tipped tendrils

Other: fruit are dark blue berries

English ivy, *Hedra helix*

Leaf arrangement: alternate

Leaf: simple, entire, triangular, evergreen, 3-5 lobes, whitish veins, 1½ -4 inches long

Stem: holdfasts

Hall's Japanese honeysuckle, *Lonicera japonica* 'Halliana'

Leaf arrangement: opposite

Leaf: simple, entire, semi-evergreen, 1-3 inches long

Stem: rapidly twining, reddish brown

periwinkle

Leaf arrangement: opposite

Leaf: simple, entire, evergreen, 1 inch long

Flower: blue, 5-parted, 1 inch across

wintercreeper euonymus

Leaf arrangement: opposite

Leaf: simple, serrate, evergreen, two ranked, 1-2 inches long

Stem: adventitious roots will attach to soil or walls; will grow upright to 12 inches

DECIDUOUS TREES

Opposite, simple

Norway maple, *Acer platanoides*

Leaf arrangement: opposite

Leaf: simple, entire, 5-lobed, lobes sharp pointed, 4-7 inches long

Fruit: samara, wings almost horizontal

Other: milky sap visible when petiole is detached

red maple, *Acer rubrum*

Leaf arrangement: opposite

Leaf: simple, irregularly serrated, usually 3-lobed but sometimes 5-lobed, 2-5 inches long

Fruit: samara, often red maturing to brown, narrow to 60-degree angle on wing spread, mature in spring

Other: petioles and new growth often red; bark smooth and light gray when young

sugar maple, *Acer saccharum*

Leaf arrangement: opposite

Leaf: simple, coarsely serrated, 3- to 5-lobed, narrow and deep sinuses, 3-6 inches long and wide

Fruit: samara, horseshoe-shaped

amur maple, *Acer ginnala*

Leaf arrangement: opposite

Leaf: simple, doubly serrate, 3-lobed, middle lobe longer than lateral lobes, 1 ½ - 3 inches long

Fruit: samara, ¾ to 1 inch long, parallel wings, persistent until following spring

flowering dogwood, *Cornus florida*

Leaf arrangement: opposite

Leaf: simple, entire, 6-7 vein pairs, 3-6 inches long, half as wide

Fruit: drupe, glossy red, usually clustered

Other: flower buds at end of stem, biscuit-shaped; flower bracts white, 3-4 inches across

Japanese maple, *Acer palmatum*

Leaf arrangement: opposite

Leaf: simple, doubly serrate, deeply lobed, 5-9 lobed, 2-5 inches long and wide

Fruit: samara, pair forms a broad arch, usually red in color

Other: buds hidden by base of petiole, leaf scar forming collar around each bud

DECIDUOUS TREES

Opposite, compound

green ash, *Fraxinus pennsylvanica*

Leaf arrangement: opposite

Leaf: pinnately compound, to 12 inches, 5-9 leaflets, serrate or entire, 2-5 inches long

Fruit: samara

Other: Buds dark rusty brown, smaller than white ash, set above leaf scar; leaf scar straight across

white ash, *Fraxinus americana*

Leaf arrangement: opposite

Leaf: pinnately compound, 8-15 inches long, 5-9 leaflets, usually 7 leaflets, usually entire, 2-6 inches long

Fruit: samara

Other: buds brown to black; leaf scar horseshoe shaped with bud inset in leaf scar

DECIDUOUS TREES

Alternate, simple

bur oak, *Quercus macrocarpa*

Leaf arrangement: alternate

Leaf: simple, fiddle shaped, 2-3 lobes on lower leaf, 5-7 lobes on upper leaf, 4-10 inches long, about half as wide

Fruit: nut, solitary, usually stalked, enclosed half or more in deep cap which is fringed on the margin

pin oak, *Quercus palustris*

Leaf arrangement: alternate

Leaf: simple, 5-7 deep "U" shaped lobes, terminal lobe with sharp point, 3-6 inches long

Fruit: nut, solitary or clustered, sessile or short-stalked, ½ inch, half sphere enclosed at base by a thin, saucer-like cap

Other: ballerina-shaped form

white oak, *Quercus alba*

Leaf arrangement: alternate

Leaf: simple, entire, 5-9 rounded lobes, 4-8 inches long, about half as wide

Fruit: nut, solitary or paired, sessile or short-stalked, ¾-1 inch, enclosed for ¼ of the length in a cap, cap with raised scales

Other: bark light gray, furrowed with narrow ridges, irregular

red oak, *Quercus rubra*

Leaf arrangement: alternate

Leaf: simple, 7-11 lobes, sharp pointed tips, 4-8 inches long, 4-6 inches wide

Fruit: nut, solitary or paired sessile acorn, ¾-1 inch long, enclosed at base in a flat thick cup

Other: bark gray, smooth areas with ridged and furrowed areas

Eastern cottonwood, *Populus deltoides*

Leaf arrangement: alternate

Leaf: simple, round teeth, triangular shaped, 3-5 inches long and wide

Fruit: capsule

Other: petioles flat

European beech, *Fagus sylvatica*

Leaf arrangement: alternate

Leaf: simple, entire, undulating margins, 2-4 inches long

Fruit: nut, triangular, enclosed in long hard, woody, four-lobed husk covered with bristles

Other: bark smooth and gray; buds slender and long

Ginkgo, *Ginkgo biloba*

Leaf arrangement: alternate

Leaf: simple, in clusters of 3-5, fan-shaped, dichotomously veined, divided at terminal end, 2-3 inches long

Fruit: naked seed with orangish, fleshy covering, malodorous

Other: buds overlapping on short spurs

hackberry, *Celtis occidentalis*

Leaf arrangement: alternate

Leaf: simple, serrate except at base, sharp pointed tip, uneven base, 2-5 inches long

Fruit: drupe

Other: bark gray with corky ridges

littleleaf linden, *Tilia cordata*

Leaf arrangement: alternate

Leaf: simple, finely serrated, heart-shaped, 1½-3 inches long

Fruit: nutlet, round

Other: flowers yellowish, fragrant; long, narrow floral bract

London planetree, *Platanus x acerifolia*

Leaf arrangement: alternate

Leaf: simple, 3-5 lobed, 6-7 inches long, 8-10 inches wide

Fruit: syncarp, usually borne in two's

Other: Bark olive green to cream

river birch, *Betula nigra*

Leaf arrangement: alternate

Leaf: simple, doubly serrate, sharp pointed, 1½-3 inches long

Fruit: nutlet, born in pendulous catkin

Other: bark light reddish brown, peeling when young, darker and furrowed when mature

sweet gum, *Liquidambar styraciflua*

Leaf arrangement: alternate

Leaf: simple, finely serrate, 5- to 7-lobed, star-shaped, palmately veined, 4-7 inches long and wide

Fruit: syncarp of capsules, brown

Other: stems frequently with corky wings, pith star shaped

tuliptree, *Liriodendron tulipifera*

Leaf arrangement: alternate

Leaf: simple, entire, lobed, 3-8 inches long and wide

Fruit: aggregate of samaras

Other: buds valvate, resembles a duckbill; flowers large and yellow

apple serviceberry, *Amelanchier x grandiflora*

Leaf arrangement: alternate

Leaf: simple, sharply serrate near base, 2 inches long

Fruit: pome, red turning black in early summer, not persistent

Other: stems slender, greenish or gray, smooth

callery pear, *Pyrus calleryana*

Leaf arrangement: alternate

Leaf: simple, round toothed, leathery and dark green above, 1 ½ -3 inches long

Fruit: pome, russet-dotted, borne from a spur

Other: buds large, wooly, gray-brown

saucer magnolia, *Magnolia x soulangiana*

Leaf arrangement: alternate

Leaf: simple, entire, dark green above, pubescent below, apex sharp pointed, 3-6 inches long, half as wide

Fruit: aggregate of follicles, rarely seen

Other: terminal flower bud pubescent, silky, $\frac{1}{2}$ - $\frac{3}{4}$ long; flower 5-10 inches in diameter, white to pink, solitary

crabapple, *Malus sp.*

Leaf arrangement: alternate

Leaf: simple, serrate, some with lobes, various sizes

Fruit: pome, borne in racemes on spurs

Other: buds ovoid, several imbricate scales, usually reddish-brown with protruding hairs

redbud, *Cercis canadensis*

Leaf arrangement: alternate

Leaf: simple, entire, broadly heart-shaped, 5-9 prominent radiating veins, 3-5 inches long and wide

Fruit: legume, brown, 2-3 inches long, persists through winter

Other: stem dark reddish-brown, zig-zag pattern; flowers prior to leaves emerging, pink

Washington hawthorn, *Crataegus phaenopyrum*

Leaf arrangement: alternate

Leaf: simple, sharply serrate, 3-5 lobed, 1-3 inches long

Fruit: drupe, bright red

Other: Stems brown, slender, with thorns

DECIDUOUS TREES

Alternate, compound

bald cypress, *Taxodium distichum*

Leaf arrangement: spirally on branchlets

Leaf: linear, two-ranked, 1/3 to 3/4 inch long

Fruit: cone, short stalked, green and resinous when young, brown when mature

Other: deciduous conifer, bark reddish brown and flaking

black walnut, *Juglans nigra*

Leaf arrangement: alternate

Leaf: pinnately compound, 12-24 inches long, 15-23 leaflets, serrate, terminal leaflet often missing, 2-5 inches long, 3/4 - 2 inches wide

Fruit: light green nut, rough surface, 1 1/2-2 inches across

Other: stem stout; pith chambered, buff

Kentucky coffeetree, *Gymnocladus dioica*

Leaf arrangement: alternate

Leaf: bipinnately compound, to 36 inches long by 24 inches wide, 3-7 pairs of pinnae, lower usually reduced to simple leaflets, upper 6-14 leaflets, 1 1/2-3 inches long, swollen at petiole base

Fruit: legume, thick and leathery, reddish brown to black, persistent

Other: Stems very stout, scale-like ridges, salmon colored pith

thornless honeylocust, *Gleditsia triacanthos var. inermis*

Leaf arrangement: alternate

Leaf: pinnately or bipinnately compound, 6-8 inches long, 20-30 leaflets, 1/3-1 1/2 inches long, serrate

Fruit: legume, slender, 7-8 inches, usually twisted

Other: bark broken into narrow scaly ridges

European mountainash, *Sorbus aucuparia*

Leaf arrangement: alternate

Leaf: pinnately compound, 5-9 inches long, 9-15 leaflets, 3/4-2 1/2 inches long, serrate above, entire below

Fruit: pome, orange to red, matures in September

Other: flower a white corymb, 3-5 inches in diameter; terminal buds woolly, 1/2 inch long

EVERGREEN TREES AND SHRUBS

Needles, single

Colorado blue spruce, *Picea pungens* var. *glauca*

Leaf: needle, single, spreading all around stem, incurved and very prickly, $\frac{3}{4}$ to 1 $\frac{1}{4}$ inch long, quadrangular, bluish

Fruit: cone, wavy scales, toothed at apex, 2-4 inches long

Douglas fir, *Pseudotsuga menziesii*

Leaf: needle, single, v-shaped arrangement between the 2 lateral sets, dark green above, two white bands below, 1- 1 $\frac{1}{2}$ inches long

Fruit: cone, pendulous, three-pronged bracts, light brown

Norway spruce, *Picea abies*

Leaf: needle, single, upper stem overlapping and pointing forward, spreading on underside exposing stem, rhombic in cross-section, $\frac{1}{2}$ to 1 inch long

Fruit: cone, cylindrical, pendulous, 4-6 inches

Other: branches pendulous

white fir, *Abies concolor*

Leaf: needle, single, curving outward and upward, flattened

Fruit: cones, rarely seen

Other: suction cup appearance left on twig after removal

Yew, *Taxus cuspidata*

Leaf: needle, single, short-stalked, upright and irregularly v-shaped, straight or slightly curved, abruptly pointed apex, $\frac{1}{2}$ to 1 inch long, 2 yellowish bands on underside

Fruit: aril, red

EVERGREEN TREES AND SHRUBS

Needles, more than one

Eastern white pine

Leaf: needle, groups of 5, slender, soft, blue-green, 2-4 inches long

Fruit: cone, pendent, stalked, often curved, resinous, light brown, 6-8 inches long

Other: bark thin, smooth and gray when young

ponderosa pine

Leaf: needle, groups of 3 (sometimes 2), rigid, 5-10 inches long

Fruit: cone, terminal, nearly sessile, light reddish brown, umbo terminated by a stout prickle, 3-6 inches long

Other: bark deeply furrowed and cinnamon red on mature trees

Scotch pine

Leaf: needle, groups of 2, twisted, stiff, blue-green, many well define stomata lines, 1-4 inches long

Fruit: cone, long or short-stalked, umbo small and obtuse, solitary or grouped in 2's or 3's, 1 ½ to 3 inches long

Other: bark orangish or orangish-brown on upper portion

mugo pine

Leaf: needles in pairs, persisting for 5+ years, rigid curved, 1-2 inches long

Fruit: cones, sessile or short-stalked, solitary or grouped, 1-2 inches long

Other: compact habit

EVERGREEN TREES AND SHRUBS

Scale or awls

American arborvitae, *Thuja occidentalis*

Leaf: scale-like; branchlet alternate, laterally compressed, flat

Fruit: cone, oblong, light brown, 8-10 scales, 1/3 – 1/2 long

Chinese juniper, *Juniperous chinensis*

Leaf: scale (mature) and awl-like (juvenile)

Fruit: purple, fleshy cone, 1/2 inch across

creeping juniper

Leaf: awl-like in opposite pairs

Fruit: purple, fleshy cone, rarely seen

Other: trailing branches form low spreading mats

EVERGREEN TREES AND SHRUBS

Broadleaf, alternate

Firethorn, *Pyracantha coccinea*

Leaf arrangement: alternate

Leaf: simple, semi-evergreen to evergreen, 1-2 inches long

Fruit: pome, orange to red, persists

Other: stem wooly when young, becoming glossy brown with spines

merserve holly, *Ilex x merserveae*

Leaf arrangement: alternate

Leaf: simple, evergreen, leathery, serrate, spiny margins, 1-2½ inches long

Fruit: drupe, red

Oregon grapeholly, *Mahonia aquifolium*

Leaf arrangement: alternate

Leaf: pinnately compound, evergreen, 6-12 inches long, 5-9 leaflets, spiny margins, 1½-3½ inches long

Fruit: berry, blue-black, in clusters

Other: flower in terminal racemes, yellow

Broadleaf, opposite

littleleaf boxwood, *Buxus microphylla*

Leaf arrangement: opposite

Leaf: entire, evergreen, two white lines on underside of leaf, 1/3-1 inch long

Other: stem slender, green, grooved between each pair of leaves

HOUSEPLANTS

Benjamin Fig or weeping fig, *Ficus benjamina*

Leaf: alternate, simple, long-tipped, glossy, x-x inches long

Other: stem milky sap, aerial roots along stem

corn plant, *Dracaena fragrans* 'Massangeana'

Leaf: long, narrow, glossy, yellow central bands and green edges, slightly undulating margins, 15-36 inches long

Other: stem segmented at nodes, woody, stout

Decora Rubber Plant, *Ficus elastica* 'Decora'

Leaf: simple, very thick and leathery, deep glossy green or variegated, many fine parallel side veins, pointed tip and rounded at the base, x-x inches long

Other: petiole is stout

heartleaf philodendron, *Philodendron scandens oxycardium*

Leaf: simple, shiny, dark green, heart-shaped, pointed tip, 3-4 inches long

Other: petioles long, stem dark green, many adventitious roots, trailing or climbing

Pothos, *Epipremnum* spp.

Leaf: simple, heart-shaped and may be glossy green to variegated

Other: stem upright or trailing vine, roots easily at nodes

schefflera or umbrella plant, *Brassaia actinophylla*

Leaf: palmately compound, 6-8 leaflets

Other: stems old growth tan, new growth green, conspicuous leaf-scars

spotted dumb cane, *Dieffenbachia maculata*

Leaf: mottled green and white, oval-oblong with sharp pointed tips, long clasping petiole, conspicuous midrib, drooping downward

striped dracaena, *Dracaena deremensis* 'Warneckii'

Leaf: long and strap-like, white to many colored striped bands

Other: stem woody, stout

Woody plant material descriptions adapted from Michael Dirr's Manual of Woody Landscape Plants.