

CUPRESSACEAE – CYPRESS FAMILY

Plant: shrubs and small to large trees, with resin

Stem: woody

Root:

Leaves: evergreen (some deciduous); opposite or whorled, small, crowded and often overlapping and scale-like or sometimes awl- or needle-like

Flowers: imperfect (monoecious or dioecious); no true flowers; male cones small and herbaceous, spore-forming; female cones woody (berry-like in junipers), scales opposite or in 3's, without bracts

Fruit: no true fruits; berry-like or drupe-like; 1-2 seeds at cone-scale, often with 2 wings

Other: sometimes included with Pinaceae; locally mostly 'cedars'; Division Coniferophyta (Conifers), Gymnosperm Group

Genera: 30+ genera; locally *Chamaecyparis*, *Juniperus* (juniper), *Thuja* (arbor vitae), *Taxodium* (cypress)

CUPRESSACEAE – CYPRESS FAMILY

Ashe's Juniper; *Juniperus ashei* J. Buchholz

Common Juniper; *Juniperus communis* L. var. *depressa* Pursh

Eastern Red Cedar [Juniper]; *Juniperus virginiana* L. var. *virginiana*

Bald Cypress; *Taxodium distichum* (L.) L.C. Rich.

Arbor Vitae [Northern White Cedar]; *Thuja occidentalis* L.

Ashe's Juniper

Juniperus ashei J. Buchholz
Cupressaceae (Cypress Family)
Ashe Juniper Natural Area, Stone
County, Missouri



Notes: shrub to small tree; leaves evergreen, scale-like in 2-4 ranks, somewhat ovate with acute tip, no glands but resinous, margin with minute teeth; bark gray-brown-reddish, shreds easily, white blotches ring trunk and branches; fruit globular, fleshy and hard, blue, glaucous; dolostone bluffs and glades
[V Max Brown, 2010]



Common Juniper

Juniperus communis L. var.
depressa Pursh

Cupressaceae (Cypress Family)

Rocky Mountain National Park, Colorado

Notes: low mat-forming clumps or shrubs; leaves evergreen, needles, sharp-pointed, white above and dark green below, usually 3-whorled on twig; bark gray to brown, shreds easily; dioecious, pistillate fruit (cones) globular, fleshy and hard, bluish, glaucous; usually in woods, low elevations to alpine

[V Max Brown, 2012]



Eastern Red Cedar [Juniper]

Juniperus virginiana L. var. *virginiana*

Cupressaceae (Cypress Family)

Oak Openings Metropark, Lucas
County, Ohio

Notes: narrow tree; leaves evergreen, has both scale-like and 3-sided needle-like (without teeth) leaves; bark gray-brown-reddish, shreds easily; fruit globular, fleshy and hard, blue to black, glaucous

[V Max Brown, 2005]



Bald Cypress

Taxodium distichum (L.) L.C. Rich.

Cupressaceae (Cypress Family)

Maumee Bay State Park, Lucas County, Ohio

Notes: tree; needles sharp-pointed, fern-like, mostly flat, green with no white stripe on underside, not evergreen; older twigs rough; bark fibrous; cones globular and wrinkled, woody with age; in standing water "cypress knees" present; a tree often found in southern swamps

[V Max Brown, 2006]



Arbor Vitae [Northern White Cedar]

Thuja occidentalis L.

Cupressaceae (Cypress Family)

Davis Memorial State Nature Preserve, Adams County, Ohio

Notes: tree of medium size; leaves evergreen (yellowish-green) in fan-shaped sprays, appressed, imbricated in 4 rows (appearing flattened), with glandular dots; bark light (grayish) reddish brown, shreedy;

staminate cones very small and yellow, pistillate cones brown, up to 1.5 cm, erect, somewhat oblong; spring

[V Max Brown, 2009]

