

Key to Caribbean Junipers (5 species) (plus *J. v. var. virginiana* and *J. v. var. silicicola* from se USA to aid in identification) rev. 2/2011

- 1a. All leaves whip or decurrent (composed of a blade with free tip and a sheath that clasps the stem), no scale-leaves; endemic to Cuba.....*J. saxicola*
- 1b. Plants with both scale-like and decurrent (at least on juvenile growth) leaves
 - 2a. Ultimate leafy branchlets 1.3-1.6 mm. wide, and 2-4 cm. long, scale-leaves overlapping by almost 1/2 their length; leaves opposite, branchlets square, persistent brown scale-leaves on branches, decurrent leaves rarely present, endemic to Bermuda.....*J. bermudiana*
 - 2b. Ultimate leafy branchlets 0.7-1.0 mm. wide and 0.5-2.0 cm. long, scale-leaves overlapping by about 1/4 their length
 - 3a. Scale-leaf tips acuminate to mucronate; 1-2 seeds per seed cone, single-seeded cones, globose, but 2- seeded cones nearly reniform (bi-lobed)
 - 4a. Branchlets pendulous, ultimate leafy branching angle 20-30 degrees; glands on old, brown, persistent whip-leaves not conspicuous: endemic to Hispaniola.....
.....*J. gracilior var. gracilior*
 - 4b. Branchlets erect or procumbent, ultimate leafy branching angle 35-40 degrees; glands on old, brown, persistent whip-leaves conspicuous
 - 5a. Erect trees; whip-leaf glands oval (to twice as long as wide); endemic to Haiti
.....*J. gracilior var. ekmanii*
 - 5b. Prostrate shrubs; whip-leaf glands elongated (3-4 times as long as wide); endemic to Haiti*J. gracilior var. urbaniana*
 - 3b. Scale-leaf tips obtuse to acute; 1-4 seeds per seed cone, seed cones reniform or globose
 - 6a. 1-(2-3) seeds per cone, seed cones globose, continental eastern USA and Canada, crowns pyramidal to flattened
 - 7a. Seed cones 4-6 mm; crowns strict, pyramidal to round; bark reddish-brown; scales leaves acute; pollen cones 3-4 mm; inland and in old fields, inland eastern USA and Canada, not on coastal fore dunes.....*J. virginiana var. virginiana*
 - 7b. Seed cones 3-4 mm; crowns flattened; bark cinnamon-reddish; scale leaves bluntly obtuse to acute; pollen cones 4-5 mm; on sand on coastal fore-dunes, se USA.....
.....*J. virginiana var. silicicola*
 - 6b. 2-4 seeds per seed cone, seed cones reniform (bi-lobed), on coppice rocks or rocky summits, crowns pyramidal to round, Caribbean
 - 8a. Glands on old brown persistent whip-leaves conspicuous, sunken and extending almost to the whip-leaf tip; known only from the summit of Petite Piton, St. Lucia, BWI.....*J. barbadensis var. barbadensis*
 - 8b. Glands on old brown persistent whip-leaves not conspicuous, if visible then neither sunken nor extending almost to the whip-leaf tip; Cuba, Bahamas, Jamaica.....*J. barbadensis var. lucayana*