FORM: Large, tapering tree, up to 54m (177ft) tall, with a buttressed, fluted trunk; branches usually drooping; leader slender and drooping.

IDAHO CHAMPION: 1979. 216in dbh; 680in circum. + 177ft tall + 9.9ft crown= 867pts; Palouse RD, Clearwater NF.

BARK: Thin, cinnamon-red, aging to grey-brown, fibrous, finely ridged and furrowed, readily separating into long thin strips.

LEAVES: Dark yellow-green, glossy, scalelike (1), in opposite pairs; branchlets forming flat sprays.

CONES: Ovoid-cylindrical cones about 1cm long, with thin spine-tipped, paired scales; cones borne erect, pointing backwards on twig; ripens early Aug.; seed shed Sept.-Nov.; often reproduces vegetatively by layering.

ENEMIES: Diseases: Phellinus (Poria) weirii, Polyporus sericeomollis, Phaeolus (Polyporus) schweinitzii and Fomes pini; Insects: western cedar borer, and cedar bark beetle; Fire: susceptible.