

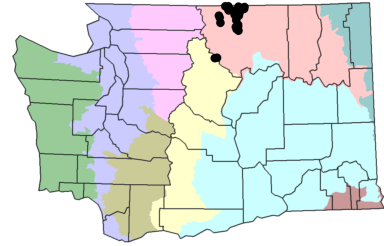
Salix tweedyi (Bebb ex Rose) C.R. Ball

Tweedy's willow

Salicaceae - willow family

status: State Sensitive

rank: G4 / S3



General Description: Shrub up to 3 (4.5) m tall; twigs stout, young ones with conspicuous, long, soft, spreading hairs, some persisting into the second year. Petioles 5-12 mm long. Leaf blades not rigid, thinly long-hairy on both sides when young, more so above than beneath, becoming mostly hairless, the lower side a little paler than the upper but not white-waxy; margins finely toothed to nearly entire, elliptic to elliptic-obovate, the larger ones 5-9 x 2-5 cm, (1.1) 1.5-2.5 times as long as wide. Stipules well developed, leaflike in texture. Winter buds covered with a single, nonresinous, caplike scale.

Floral Characteristics: Male and female catkins borne on separate plants, developing before or with the leaves, essentially sessile on the twigs of the previous year, some of them terminal. Floral scales blackish, persistent, densely long-hairy. Male catkins 3 x 1.5-2 cm; stamens 2, filaments hairless. Female catkins 5-8 cm long at maturity, dense. Style elongate, 1.5-3 mm long.

Fruits: Capsules 4.5-7 mm long, nearly sessile, hairless or occasionally with a few long hairs. Identifiable June to July.

Identification Tips: This taxon resembles several other willows in its range. Important characters include well-developed, leaflike stipules; young leaves that are thinly long-hairy; catkins essentially sessile on the twigs of the previous year and sometimes terminal; and elongate styles.

Range: Northern WY, MT, central and northern ID, WA, and adjacent B.C.

Habitat/Ecology: Stream banks, moist meadows, seeps, and bogs at moderate to high elevations in the mountains. Elevations in WA: 1400-2200 m (4600-7200 ft). Canopy cover varies from 0-50% or greater. Common associates include subalpine fir (*Abies lasiocarpa*), Engelmann spruce (*Picea engelmannii*), lodgepole pine (*Pinus contorta*), other willows (*Salix* spp.), western Labrador tea (*Ledum glandulosum*), huckleberry (*Vaccinium* spp.), American globeflower (*Trollius laxus*), mountain sedge (*Carex scopulorum*), and sphagnum moss (*Sphagnum* spp.). *S. tweedyi* is a facultative wetland species.

Comments: This species is peripheral in WA, and its range within the state is small. Additional inventory is needed. It is also rare in B.C. and WY.



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