

**156. HALIMODENDRON** Fischer ex Candolle, Prodr. 2: 269. 1825.

铃铛刺属 ling dang ci shu

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Shrubs, deciduous. Stipules persistent and becoming spines. Leaves paripinnate; rachis and petiole becoming a spine after leaflets have fallen. Raceme on reproductive branchlets, few flowered; peduncle slender. Calyx campanulate, base oblique; teeth 5, very short. Corolla pale purple or purplish red; standard suborbicular, slightly reflexed at margins; wings clawed, claw equal to auricle; keel semicircular, slightly curved, apex blunt at apex. Stamens diadelphous (9+1). Ovary stipitate, inflated; style incurved; stigma small. Legume inflated, valve thick.

One species: China, Mongolia, Russia.

**1. Halimodendron halodendron** (Pallas) Druce, Rep. Bot. Soc. Exch. Club Brit. Isles 4: 626. 1917.

铃铛刺 ling dang ci

*Robinia halodendron* Pallas, Reise Russ. Reich. 2: 741. 1773; *Caragana argentea* Lamarck, nom. illeg. superfl.; *C. halodendron* (Pallas) Dumont de Courset; *Halimodendron argenteum* Candolle, nom. illeg. superfl.; *H. argenteum* var. *albiflorum* Karelin & Kirilov; *H. halodendron* var. *albiflorum* (Karelin & Kirilov) Prjachin.

Shrubs, 0.5–2 m tall. Bark dark grayish brown. Branches many, vegetative and reproductive; reproductive branches brown to grayish yellow, sulcate, glabrous; young branches with dense white appressed trichomes. Rachis and petiole persistent,

spine-shaped; petiole and petiolules very short; leaflet blades oblanceolate, 1.2–3 × 0.6–1 cm, with dense silvery white trichomes at first, glabrescent, base cuneate, apex rounded or emarginate. Racemes 2–5-flowered; peduncle 1.5–3 cm, densely sericeous. Flowers 1–1.6 cm; pedicel 5–7 mm; bracteoles subulate, ca. 1 mm. Calyx 5–6 mm, with dense appressed trichomes, base oblique; teeth triangular. Corolla pale purple or purplish red; standard slightly reflexed at margins, ± as long as wings; wings slightly longer than keel. Ovary glabrous, long stipitate. Legume flattened, 1.5–2.5 × 0.5–1.2 cm, dorsal and ventral line impressed, without septa, apex with a short beak. Seeds reniform. Fl. Jul, fr. Aug.  $2n = 16$ .

Saline sand, saline soils along rivers, forests. Gansu, Nei Mongol, Xinjiang [Mongolia, Russia].

