

HOLLERMAYERA O. E. Schulz, Notizbl. Bot. Gart. Berlin-Dahlem 10: 463. 1928.

Tribe: perhaps Cardamineae.

Type: *H. sylvatica* O. E. Schulz (*H. valdiviana* (Philippi) Ravenna)

Plantss rhizomatous perennial. **Trichomes** absent. **Multicellular glands** absent. **Stems** erect, simple below, branched apically. **Basal leaves** not seen, soon withered; cauline leaves petiolate, not rosulate, simple, dentate to denticulate, smaller upwards. **Racemes** many flowered, ebracteate, corymbose, considerably elongated in fruit; rachis straight; fruiting pedicels divaricate to horizontal, persistent. **Sepals** oblong, free, deciduous, suberect, equal, base of lateral pair not saccate. **Petals** white, erect at base with flaring blade, longer than sepals; blade oblong, apex obtuse; claw short, slightly differentiated from blade, much shorter than sepals, glabrous, unappendaged, entire. **Stamens** 6, slightly exserted, erect, slightly tetradynamous; filaments wingless, unappendaged, glabrous, free; anthers oblong, not apiculate. **Nectar glands** 1 confluent and surrounding bases of lateral stamens; median nectaries present. **Ovules** 4 per ovary; placentation parietal. **Fruit** dehiscent, capsular silicles, obovate, slightly latiseptate, not inflated, unsegmented; valves somewhat leathery, with prominent midvein and reticulate lateral veins, glabrous, not keeled, smooth, wingless, unappendaged; gynophore absent; replum rounded, visible; septum reduced to a rim or absent, veinless; style to 1 mm long, persistent; stigma capitate, slightly entire, unappendaged, considerably wider than style. **Seeds** aseriate, wingless, oblong, plump; seed coat reticulate, not mucilaginous when wetted; cotyledons incumbent.

Unispecific, endemic to Chile.

Hollermayera valdiviana (Philippi) Ravenna, Nordic J. Bot. 1: 142. 1981. *Armoracia valdiviana* Philippi, Linnaea 28: 671. 1856. TYPE: Chile, in sylvis inter flumen Coigüeco et vulcanum Osorno, Feb 1852, *Philippi s.n.* (holotype, SGO-59688!).

Hollermayera sylvatica O. E. Schulz, TYPE: Chile, [Región IX], Cautín, Vilcun, Cherquenco, 650 m, 14 Jan 1921, *P. A. Hollermayer 408* (holotype, B!, fragments BAA!).

Plants glabrous perennials; rhizomes with scale-like petiolar remains of previous seasons. **Stems** erect, 4–6 dm, simple at base, branched below the inflorescence. **Basal leaves** soon withered; middle and upper cauline leaves with petioles 5–12 mm long; blade linear-lanceolate to lanceolate, 2.5–10 × 0.5–1.5 cm, base cuneate to attenuate, margin dentate to denticulate, uppermost leaves smaller. **Racemes** 44–100-flowered, elongated considerably in fruit; fruiting pedicels slender, 1–2 cm long, divaricate to horizontal. **Sepals** oblong, 2–2.5 mm long, glabrous; petals white, oblong, 3.5–4 × ca. 1.5 mm, claw 0.5–1 mm long; median filaments 3–3.5 mm long; anthers 1–1.3 mm long. Fruits obovate, 6–8 × 4–5 mm, prominently reticulate; style 0.5–1 mm long. Seeds oblong, dark brown, 1.5–1.8 × 0.9–1.1 mm.