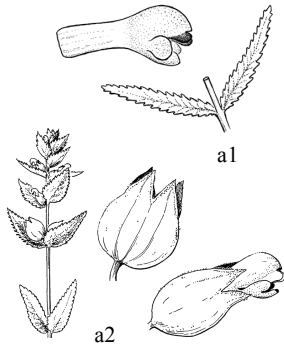


Key revised to indicate ssp. *minor* is introduced, and clarify distributions.
 Revised May 28, 2021

Rhinanthus L. Yellow Rattle; Rattle-box

Fls in terminal, lfy-bracteate spikes; calyx laterally flattened but ± inflated, accrescent in fr, the 4 lobes relatively short; corolla gen yellow, laterally flattened, bilabiate, galeate, the upper lip hooded and enclosing the anthers, its 2 teeth short or obsolete; lower lip 3-lobed, < galea; stamens 4, didynamous; anther sacs =; stigma capitate; caps flattened, orbicular, loculicidal; seeds few-∞, flattened, orbicular, ± winged; hemiparasitic anns with opp, wholly cauline, sessile, toothed lvs. (Gr *rhinos*, snout, and *anthos*, fl, for corolla shape).



R. minor L. Little y. Sts erect, 0.5–5.5 dm, glab or thinly villous-puberulent on 2 of 4 sides; lvs ± scab, linear-lanceolate to ovate-lanceolate, crenate to dentate, 2–6 cm × 4–15 mm, grading into shorter, wider, more strongly toothed infl bracts; fr calyx 13–16 mm, reticulate-veiny; corolla 13–15 mm, teeth of upper lip 0.6–1 mm; widespread in n N Am, s to OR, ID, MT, s RM, ne US; Europe (*R. crista-galli* misapplied); 2 subspp.

a1 Upper corolla lip with bluish to blue-gray teeth; sts glab or sparsely puberulent on 2 opp sides beneath nodes; lvs linear-lanceolate to narrowly oblong-lanceolate; lowl grassy areas and roadsides, gen where disturbed; European intro; widespread in N Am, uncommon in our area, sw BC, w WA, and reported from OR, ID, and MT

subsp. **minor**
a2 Upper corolla lip with whitish teeth; sts sparsely to moderately puberulent on 2 opp sides beneath nodes; lvs linear-lanceolate to ovate-lanceolate; meadows, moist areas, shorelines, lowl to alp; boreal N Am s, on both sides Cas, to nw OR, n ID, w MT, ne US; Europe
 subsp. **groenlandicus** (Chabert) Neum.