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322. *Rhynchosorys elephas* (L.) Griseb., Spicil Fl. Rumel. 2: 12 (1844).

Syn.: *Rhinanthus elephas* L.

Perennial herb, usually villous or rarely glabrous. **Stems** 20-60 (-100) cm. **Leaves** ovate to oblong-elliptic, 1.5-4.5 × 0.5-1.8 cm, sessile or shortly petiolate, crenate, rounded at base and acute to obtuse at apex. Inflorescence lax. **Flowers** opposite in leaf axils, pedicels 4- 14 mm. Calyx 5-12 mm, bilabiate. Corolla bright yellow, up to 1.8 cm long; upper lip with a straight, ± acute, 6-10 mm long beak; lower lip obtusely trilobate, ± 2 cm broad. **Capsule** with more than 10 seeds. **Fl.** V-VII. **Fr.** VI-VIII.

Habitat: Meadows and forest margins from low altitudes to subalpine zone.

Distribution: Throughout the whole area. (Talysh).

General distribution: Italy, Greece, Bulgaria, Asia Minor, Iran.

Cultivation: This genus is semiparasitic, difficult to cultivate.

323. *Rhynchosorys orientalis* (L.) Benth. in DC., Prodr. 10: 559 (1846).

Syn.: *Rhinanthus orientalis* L.

Annual herb, softly pubescent-villous. **Stems** 20-50 cm, usually branched above. **Leaves** narrowly triangular ovate, 2-4 × 0.8-1.5 cm, sessile, obtusely crenate at margin. Inflorescence quite dense. Corolla gold or orange yellow; upper lip with two lobes at base with a strongly downwards curved beak; the beak up to 20 mm, forming at apex a 2-3 mm broad lip. **Fl.** VI-VII. **Fr.** VII-VIII.

Habitat: Roadsides, forest margins, loamy slopes and meadows in the middle montane and subalpine zones.

Distribution: Throughout the whole area. Endemic.

324. *Rhynchosorys stricta* (K. Koch) Albov in Bull. Herb. Boiss. 1: 262 (1893).

Syn.: *Rhinanthus strictus* C. Koch, *Rhynchosorys elephas* (L.) Griseb. var. *stricta* (C. Koch) Boiss.

Annual, 10-50 cm. **Stems** often branched, villous or glandular-pilose. **Leaves** ovate to triangular ovate, 2-5 × 1.5-2.5 cm, at base ± slightly cordate, obtuse at apex, crenate at margin. Inflorescence lax and long. Corolla bright or deep yellow, beak of the upper lip 5-8 mm long. **Capsule** with 4-10 seeds. **Fl.** VI-VII. **Fr.** VII-VIII. **Habitat:** Springs and damp and shady places in the montane and subalpine zone.

Distribution: W. & C. Caucasus, W. Transcaucasia, N. E. Turkey. Endemic.

Note: Differs from the similar *R. elephas* in annual habit, broader and obtuse leaves, somewhat shorter beak of upper corolla lip and in its habitat (wet places).

322. Azerbaijan: above Sym in Talysh, 1300 m, PK.

323. Azerbaijan: above Ilisu, 1500 m, PK.

324 a. Russia: Dombai, Alibek valley, 1800 m, PK.

324 b. Russia: Mt. Fish region, 1900 m, Olga N. Bondareva.



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