

142. **CHESNIELLA** Borissova, Novosti Sist. Vyssh. Rast. 1964: 182. 1964.

旱雀豆属 han que dou shu

Zhu Xiangyun (朱相云); Kai Larsen

Chesneya sect. *Microcarpon* Borissova, Bot. Mater. Gerb. Bot. Inst. Komarova Akad. Nauk S.S.S.R. 21: 252. 1961.

Plants perennial. Root stout, woody. Stem prostrate, slender, base woody. Leaves imparipinnate, 5–11-foliolate, entire; stipules membranous, separate from petiole. Flowers solitary, axillary. Corolla pale yellow, pink, or purple; standard orbicular, abaxially with dense short appressed hairs, \pm equal to wings or keel. Stamens diadelphous. Ovary sessile; stigma capitate, papillary. Legume ovoid or oblong. Seeds cylindric-reniform. Basic chromosome number $x = 8$.

Six species: C Asia to NW China; two species (one endemic) in China.

1a. Leaflets 5 or 7, obovate, adaxially rarely with hairs, abaxially with dense white long appressed hairs;

corolla purple 1. *C. mongolica*

1b. Leaflets 7–11, obovate-lanceolate, both surfaces with dense spreading white short hairs; corolla pink 2. *C. ferganensis*

1. **Chesniella mongolica** (Maximowicz) Borissova, Novosti Sist. Vyssh. Rast. 1964: 184. 1964.

蒙古旱雀豆 meng gu han que dou

Chesneya mongolica Maximowicz, Bull. Acad. Imp. Sci. Saint-Petersbourg 27: 462. 1881.

Stems caespitose, prostrate, 15–25 cm, slender, with dense white long appressed hairs. Leaves 15–20 mm, 5- or 7-foliolate; stipules separate from petiole, subulate, ca. 2 mm, with dense white long hairs, with dense white glands at apex; axis and petiole with dense white long appressed hairs; leaflet blades obovate, 6–8 \times 5–6 mm, abaxially with dense white long appressed hairs, adaxially with dense blue glands and rarely with hairs, base cuneate, apex blunt. Flowers solitary; pedicel 5–7 mm, with dense white hairs; bracts ca. 0.5 mm; bracteoles same shape as bracts, with glands at apex. Calyx tubular, ca. 7 mm, with dense white hairs, gibbous at base, inflated on one side; teeth lanceolate, slightly shorter than tube, upper 2 lobes almost connate, with brown glands at apex. Corolla purple; standard ca. 13 mm, lamina broadly orbicular, with dense white short hairs abaxially; wings and keel ca. as long as standard. Ovary sessile, with dense white long hairs. Legume oblong, ca. 13 \times 2 mm, slightly inflated, with dense white short hairs. Fl. Aug, fr. Aug.

- Gravelly areas. Nei Mongol.

2. **Chesniella ferganensis** (Korshinsky) Borissova, Novosti Sist. Vyssh. Rast. 1964: 183, 184. 1964.

甘肃旱雀豆 gan su han que dou

Chesneya ferganensis Korshinsky, Zap. Imp. Akad. Nauk Fiz.-Mat. Otd. 4: 90. 1896; *C. gansuensis* Y. X. Liou; *C. grubovii* Yakovlev; *Chesniella gansuensis* (Y. X. Liou) P. C. Li.

Stems prostrate, 10–20 cm, with many branches, with dense spreading short hairs. Leaves 10–30 mm, 7–11-foliolate; stipules separate from petioles, ovate, ca. 2 mm, with dense short hairs, with dark brown glands at apex; axis and petiole slender, with dense spreading short hairs; leaflets obovate-lanceolate, 7–9 \times 3–4 mm, with dense spreading white short hairs, base rounded, apex rounded, emarginate, or truncate. Flowers solitary; pedicel 8–10 mm, slender, with dense spreading short hairs; bracts ca. 1 mm; bracteoles same shape as bracts. Calyx campanulate, ca. 7 mm, rarely with short hairs; teeth linear, longer than tube, with dark brown glands at apex, upper 2 lobes almost connate. Corolla pink; standard 9–10 mm, lamina orbicular, with dense short hairs abaxially, apex emarginate, claw ca. 1 mm; wings 10–11 mm, claw ca. as long as lamina, ca. 1 mm; keel slightly shorter than wings, shortly clawed, without auricles. Ovary sessile, with dense short hairs. Legume narrowly oblong, 18–20 \times ca. 5 mm, slightly inflated, with dense spreading long hairs. Fl. Jul, fr. Aug.

Dry slopes; ca. 1800 m. Gansu [Mongolia].

