

31. TAUSCHERIA Fischer ex de Candolle, Syst. Nat. 2: 563. 1821.

舟果芥属 *zhou guo qi shu*

Herbs annual, often glaucous. Trichomes simple, straight on pedicels, hooked on fruit, absent elsewhere. Stems erect, simple from base, branched apically. Basal leaves petiolate, not rosulate, simple, entire. Cauline leaves sessile, auriculate, sagittate, or amplexicaul at base, entire. Racemes few to several flowered, ebracteate, elongated in fruit. Fruiting pedicels nearly filiform, strongly recurved, articulate and often detached from base. Sepals oblong, base of lateral pair not saccate, margin not membranous. Petals yellow drying whitish, longer than sepals; blade narrowly spatulate or oblong, apex obtuse; claws absent. Stamens 6, slightly tetradynamous; filaments not dilated at base; anthers broadly ovate, apiculate at apex. Median nectar glands present; lateral glands 1 on each side of lateral stamen, annular. Ovules 1(or 2) per ovary, apical. Fruit indehiscent, samaroid silicles, navicular and semiovoid to semiglobose, rounded abaxially, flat adaxially, strongly angustiseptate, sessile, glabrous or densely pilose with hooked trichomes, beaked; valves papery, veinless, strongly keeled, smooth, strongly 2-winged, wing margin involute and with 1 or 2 rows of tubercles; replum rounded; septum absent; style obsolete; stigma capitate, entire. Seeds 1 per fruit, wingless, oblong, plump; seed coat smooth, not mucilaginous when wetted; cotyledons incumbent.

One species: C and SW Asia, W Himalayas.

1. *Tauscheria lasiocarpa* Fischer ex de Candolle, Syst. Nat. 2: 563. 1821.

舟果芥 *zhou guo qi*

Tauscheria desertorum Ledebour; *T. gymnocarpa* Fischer ex de Candolle; *T. lasiocarpa* var. *gymnocarpa* (Fischer ex de Candolle) Boissier; *T. oblonga* Vassilczenko.

Herbs 10–45(–60) cm tall, glabrous and often glaucous except sometimes for fruit and pedicels. Stems simple at base, branched above. Basal leaves shortly petiolate, oblanceolate, withered by anthesis, base cuneate, margin entire, apex obtuse. Middle cauline leaves cordate, ovate, lanceolate, or oblong, 1–6(–9) × 0.2–2.5(–4) cm, somewhat fleshy, sessile, base auriculate, cordate, or amplexicaul, margin entire, apex acute or obtuse, rarely acuminate in uppermost leaves. Fruiting pedicels 3–5.5(–8) mm, glabrous or adaxially sparsely pilose. Sepals oblong, 0.9–1.5 × 0.5–0.8 mm. Petals yellow drying whitish, oblong or narrowly spatulate, 1.5–2.5 × 0.4–0.6 mm. Filaments 0.8–1.5 mm; anthers 0.1–0.3 mm. Fruit navicular, semiovoid to semiglobose, (3–)4–7(–10) × (2.5–)3–4 mm, glabrous or densely pubescent with hooked trichomes, base obtuse; beak flat, (0.5–)1–3 mm, apex acute or acuminate. Seeds yellow or yellowish brown, oblong, 2–2.5 × (0.8–)1.1–1.5 mm. Fl. Apr–Jun, fr. May–Jul. $2n = 14$.

Desert steppes, rocky soil, roadsides, river banks; 400–3800 m. Nei Mongol, Xinjiang, W Xizang [Afghanistan, Kashmir, Kazakstan, Kyrgyzstan, Mongolia, Pakistan, Russia, Tajikistan, Turkmenistan, Uzbekistan; SW Asia].

