

79. CRYPTOSPORA Karelin & Kirilov, Bull. Soc. Imp. Naturalistes Moscou 15: 161. 1842.

隐子芥属 yin zi jie shu

Herbs annual. Trichomes often a mixture of simple, forked, stellate, or malpighiaceus. Stems erect or ascending. Basal leaves subsessile, not rosulate, simple, entire. Cauline leaves sessile, cuneate and not auriculate at base, entire or denticulate. Racemes several flowered, ebracteate. Fruiting pedicels nearly as wide as fruit, ascending and subappressed to rachis or rarely divaricate. Sepals oblong, erect, pubescent, base of lateral pair not saccate. Petals white, longer than sepals; blade spatulate, apex obtuse or emarginate; claw obscurely differentiated from blade. Stamens 6, erect, tetradynamous; filaments dilated at base; anthers ovate or oblong, apiculate. Median glands absent; lateral ones annular. Ovules 3–7 per ovary. Fruit indehiscent siliques, cylindrical, sessile, usually breaking into 1-seeded units; valves somewhat woody, veinless or obscurely veined, often with dense malpighiaceus trichomes sometimes mixed with larger, simple or stalked, 2-forked ones on tuberculate base, torulose; replum rounded; septum absent; style obsolete; stigma capitate, 2-lobed. Seeds uniseriate, wingless, narrowly oblong, plump; seed coat minutely reticulate, not mucilaginous when wetted; cotyledons incumbent.

Three species: C and SW Asia; one species in China.

1. *Cryptospora falcata* Karelin & Kirilov, Bull. Soc. Imp. Naturalistes Moscou 15: 161. 1842.

隐子芥 yin zi jie

Cryptospora omissa Botschantzev.

Herbs annual, (6–)10–40(–60) cm tall. Stems erect, simple or few branched at base, hispid with simple and/or forked or stellate trichomes. Basal leaves not rosulate, sessile, soon withered. Middle cauline leaves narrowly oblong to oblong-lanceolate, sessile, (1–)1.5–3.5(–5) cm × 2–7(–12) mm, abaxially primarily with 3-forked stalked stellate trichomes, adaxially with simple and stalked forked trichomes, base cuneate or subobtuse, not auriculate, margin entire or sparsely denticulate, apex acute. Fruiting pedicels stout, stellate pubescent, erect or ascending, appressed or subappressed to rachis, (3–)4–7.5 mm. Sepals oblong, 1.5–2.5 × 0.8–1 mm, pubescent. Petals white, spatulate, 4–8 × 1.5–2.5 mm, attenuate at base, emarginate at apex; claw to 1 mm. Filaments 1.5–3 mm; anthers ovate or oblong, 0.5–0.9 mm. Fruit linear, terete, strongly falcate, 1.5–3.5 cm × 1.5–2.5 mm, strongly torulose; valves densely pubescent with malpighiaceus, small trichomes mixed with sparser and much coarser, tuberculate-based, short-stalked, forked trichomes; style obsolete. Seeds light brown, 3–7 per fruit, narrowly oblong, uniseriate, 2.5–3.5 × 0.9–1.1 mm. Fl. Apr–Jul, fr. May–Jul.

Deserts, steppe; 500–1000 m. W Xinjiang [Afghanistan, Kazakstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan; SW Asia].

