

50. HARRYSMITHIA H. Wolff, Acta Horti Gothob. 2: 310. 1926.

细裂芹属 xi lie qin shu

She Menglan (余孟兰 Sheh Meng-lan); Mark F. Watson

Herbs annual, slender, essentially glabrous. Taproot slender. Basal leaves 2–3-pinnately dissected. Cauline leaves reduced upwards, sometimes heteromorphic; ultimate segments thin, elongate. Umbels terminal and lateral; bracts absent, occasionally 1; bracteoles few. Flowers bisexual. Calyx teeth obsolete. Petals white, apex with incurved lobule. Stylopodium low-conic; style ca. 2 × stylopodium, spreading or reflexed. Fruit ovoid-globose, slightly flattened dorsally, surface sparsely verrucose or papillose; mericarps subpentagonal in cross section, commissure constricted; ribs prominent or narrowly winged, wings equal, usually erose, margins irregular denticulate or entire, furrows rather broad; vittae 1 in each furrow, 2 on commissure. Seed face sub-plane. Carpophore bifid at apex.

• Two species.

- 1a. Ultimate segments of basal leaves broad, lanceolate or ovate, 5–10 × 2–3 mm; fruit ribs narrowly winged, wings irregularly toothed 1. *H. heterophylla*
- 1b. Ultimate segments of basal leaves narrow, linear, 1–2.5 × 0.3–0.6 mm; fruit ribs prominent, carinate, entire 2. *H. franchetii*

1. *Harrysmithia heterophylla* H. Wolff, Acta Horti Gothob. 2: 311. 1926.

细裂芹 xi lie qin

Plants 50–100 cm. Stem weakly-erect, branched above, branches 4-angled, remote, flexuose. Basal leaves petiolate; blade broadly ovate-triangular, ternate-3-pinnately dissected; ultimate segments lanceolate or ovate, 5–10 × 2–3 mm, margins with bristles, apex 2–3-lobed. Upper leaves smaller, heteromorphic; ultimate segments linear, elongate, 20–30 × 1–2 mm, usually entire. Umbels 1.5–3.5 cm across; peduncles 1–4 cm; bracts absent; rays 4–7, 6–10 mm, subequal, 4-angled, very slender, divergent; bracteoles few, minute, ca. 1.5 mm; umbellules 4–8 mm across, 3–8-flowered; pedicels 2–3 mm. Fruit ovoid-globose, ca. 2 × 1.3 mm; ribs narrowly winged, wings irregular, coarsely toothed. Fl. and fr. Jul–Sep.

• Alpine meadows; ca. 3300 m. N Sichuan (Barkam), SE Xizang.

2. *Harrysmithia franchetii* (M. Hiroe) M. L. Sheh, Acta Phytotax. Sin. 42: 562. 2004.

云南细裂芹 yun nan xi lie qin

Carum franchetii M. Hiroe, Umbell. World, 871. 1979, based on *C. dissectum* Franchet, Bull. Soc. Philom. Paris, sér. 8, 6: 123. 1894, not Baillon (1879); *Harrysmithia dissecta* H. Wolff ex R. H. Shan.

Plants (30–)50–100 cm. Stem, erect, hollow, much-branched above. Basal leaves petiolate, petiole 6–10 cm; blade broadly triangular, 3–4-pinnately dissected; ultimate segments linear-oblong, 1–2.5 × 0.3–0.6 mm. Upper leaves reduced, similar to basal. Synflorescence much branched; umbels 3–5 cm across; peduncles 3–8 cm; bracts usually 1, narrowly linear, ca. 4 mm; rays 5–7, 1–2.5 cm, subequal; bracteoles 4–6, linear or subulate, 0.6–2.2 mm, unequal; umbellules 6–12 mm across, 6–12(–16)-flowered; pedicels 1–5 mm, unequal. Petals white, ovate to oblong, apex with narrow inflexed lobule. Fruit subglobose, ca. 1.7–2 × 1.3–1.7 mm, base cordate; ribs prominent, carinate, equal. Fl. and fr. Jul–Sep.

• Mixed mountain forests, in shade; ca. 2500 m. N Yunnan.

