

66. PTERYGOPLEURUM Kitagawa, Bot. Mag. (Tokyo) 51: 654. 1937.

翅棱芹属 *chi leng qin shu*

Pu Fading (溥发鼎 *Pu Fa-ting*); Mark F. Watson

Herbs, perennial, essentially glabrous, inflorescence slightly scabrous. Root fusiform. Stem erect, branched, striate, sometimes rooting at basal nodes. Basal leaves petiolate, sheathing; blade 1–2-pinnate or ternate–2–3-pinnate; ultimate segments linear or linear-lanceolate, entire. Inflorescence little-branched, umbels compound, terminal and lateral, rarely only terminal; bracts and bracteoles linear; rays rather few, spreading. Calyx teeth conspicuous. Petals white, obovate, base cuneate, apex retuse with small incurved lobule. Stylopodium conic; styles slightly longer than the stylopodium, reflexed. Fruit ovoid, slightly compressed laterally; ribs 5, prominent, corky dilated at base, narrowly winged; vittae 1 in each furrow, 2 on commissure. Seed face plane. Carpophore 2-cleft to base.

One species: China, Japan, Korea.

1. *Pterygopleurum neurophyllum* (Maximowicz) Kitagawa, Bot. Mag. (Tokyo) 51: 655. 1937.

脉叶翅棱芹 *mai ye chi leng qin*

Edosmia neurophylla Maximowicz, Bull. Acad. Imp. Sci. Saint-Pétersbourg 18: 286. 1873; *Carum neurophyllum* (Maximowicz) Franchet & Savatier; *Perideridia neurophylla* (Maximowicz) T. I. Chuang & Constance; *Sium neurophyllum* (Maximowicz) H. Hara.

Plants 70–100 cm. Basal leaves ovate, 10–15 × 4–8 cm; ultimate segments 20–100 × 1–3 mm. Upper cauline leaves

smaller, 3-lobed or entire, sessile on expanded sheaths. Terminal umbels 3–5 cm across; peduncles 1–5 cm; bracts 5–10, linear, 3–10 × 1–2 mm; rays 6–8(–20), 2–3.5 cm, subequal; bracteoles 6–8, similar to bracts, 1–3 mm; pedicels slender, 3–8 mm, unequal. Calyx teeth lanceolate, ca. 1 mm, longer than the stylopodium. Fruit 3–3.5 × 2.5–3 mm. Fl. and fr. Sep–Nov.

Streamsides, damp areas. Anhui, Jiangsu, Zhejiang [Japan, Korea].

Chuang and Constance (Univ. Calif. Publ. Bot. 55: 28–30. 1969) treated this species (and hence the genus) as an Asian outlier of the American genus *Perideridia*, but this placement remains to be confirmed.

