

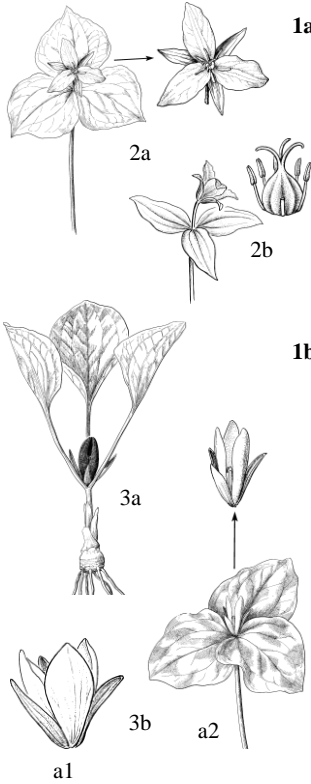
Key revised to elevate *T. ovatum* var. *hibbersonii* to the rank of species – *T. hibbersonii*

D. M. O'Neill, S.B. Farmer, A. Floden, J. Lampley, and E. Schilling. 2020. *Trillium hibbersonii* (Melanthiaceae), a phylogenetically distinct species from western North America. *Phytotaxa* 436(2): 193-195.

**Trillium** L. Wake-robin; Trillium

Fls normally solitary, sessile or pedunculate, terminal and subtended by a whorl of gen 3 large lvs (technically bracts) at the top of an otherwise naked scape; sepals 3, persistent, greenish, distinct or nearly so; petals gen 3, withering, white to colored, distinct, glandless; stamens 6, anthers elongate; styles ± distinct; ovary superior; fr a ∞-seeded, berrylike caps; glab per herbs with a short, thick, horizontal to erect rhizome and 1 or more erect fl sts, the lvs broad. (L *trilix*, triple, in reference to fl parts in 3's). Often placed in the family Trilliaceae.

*Trillium cuneatum* Raf., native to se US, has locally escaped to woods in Corvallis, OR; it has mottled lvs, sessile fls, and purple to greenish petals. Trilliums are rather easily grown, and *T. ovatum* in particular is an excellent garden pl, but it is a shame to dig them in the wild, esp since they grow readily from seed.



**1a** Fl borne on a peduncle (0.6–)1–8 cm; lvs sessile, not mottled, mostly acute to short-acuminate; petals 1.5–7 cm, white or pinkish, aging to pink or purplish

**2a** Stigmas < (occ =) stamens; petals white, aging to pink or purplish; fr winged; lvs rhombic-ovate, (3–)5–15 × (2–)3.5–10 cm, 1.1–1.7 × as long as wide, upper surface rugose with sunken veins, margins green; scape (5–)17–32(–50) cm; stream banks to open or thick woodl, often where boggy in the spring, lowl to mont; BC s, from coast inl, to c CA, e to sw Alta, MT, WY, and CO; white t., w w. or t. (*T. crassifolium*, *T. scouleri*, *T. venosum*, *T. o.* var. *stenosepalum*) **1 T. ovatum** Pursh

**2b** Stigmas > stamens; petals pink, aging to darker pink; fr ridged but not winged; lvs elliptic, 3–5 × 1.3–2.5 cm, 1.9–2.7 × as long as wide, upper surface flat and smooth, margins red-tinged; scape 1–8(–17) cm; all parts gen smaller than no 1; exposed, mossy rock ledges; endemic to w coast VI; Hibberson's t. (*T. o.* var. or f. *h.*)

**2 T. hibbersonii** (T.M.C.Taylor & Szczaw.) D.O'Neill & S.B.Farmer

**1b** Fl sessile; lvs mostly either long-petiolate or mottled, mostly rounded to obtuse

**3a** Lvs long-petiolate, petiole 5–12 cm, bl 7–14 cm, not mottled; scape largely underground, 0.5–1.8 cm; petals maroon or purplish (occ greenish or yellowish), 3–5(–7) cm, gen ca same width as the sepals; stream banks and moist thickets or meadows; e Cas, Chelan Co, and ne WA to w ID, Blue Mts of WA, and ne OR; purple t., petioled w. **3 T. petiolatum** Pursh

**3b** Lvs sessile, bl 6–20 cm, mottled; scape 1.7–5.8 dm; petals white to creamy-white, occ pink to purple tinged at base, 2.2–8 cm, occ much broader than the sepals; moist lowl for, oak-ash woodl, thickets, fields; w Cas, Pierce Co, WA, s, in Wi Va, to CA; giant t., sessile t. (*T. chloropetalum* misapplied); 2 subspp., fully intergrading in n OR **4 T. albidum** J.D. Freeman

**a1** Petals 5–8 × 2–3 cm, obovate to broadly oblanceolate; stamens 15–25 mm; scape gen 2.2–5.8 dm; Polk and Marion cos, OR, s in Wi Va to c CA (*T. a.*)

subsp. **albidum**

**a2** Petals 2–5 × 0.4–1 cm, oblanceolate; stamens 10–15 mm; scape gen 1.7–3 dm; w Cas, Pierce Co, WA, s to n Wi Va; small-fl d t (*T. p.*)

subsp. **parviflorum** (V.G. Soukup) K.L. Chambers & S.C. Meyers