

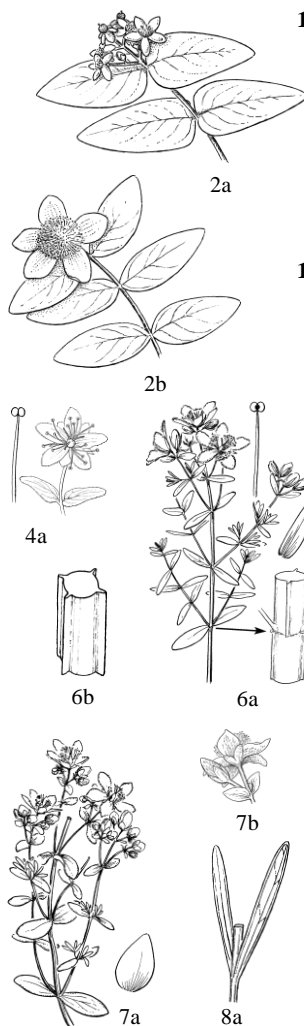
Key revised to include *H. humifusum*, an occasional introduction in sw BC and nw OR.

References:

- Gillett, J. M. and N. K. B. Robson. 1981. The St. John's-worts of Canada (Guttiferae). Publications in Botany, National Museum of Natural Sciences, Ottawa, Canada. Vol. 11. 40 p.
- Robson, N. K. B. 1987. Studies in the genus *Hypericum* L. (Guttiferae). 7. Section 29. *Brathys* (part 1). Bulletin of the British Museum (Natural History), Botany 16:1–106.
- Robson, N. K. B. 1990. Studies in the genus *Hypericum* L. (Guttiferae). 8. Sections 29. *Brathys* (part 2) and 30. *Trigynobrathys*. Bulletin of the British Museum (Natural History), Botany 20:1–151.
- Robson, N. K. B. 2015. Hypericaceae Jussieu. In: Flora of North America Editorial Committee, Eds. Flora of North America North of Mexico. Volume 6, Magnoliophyta: Cucurbitaceae to Droseraceae. Oxford University Press, New York. Pp. 71–105.
- Zika, P. F. 2003. Notes on the provenance of some eastern wetland species disjunct in western North America. Journal of the Torrey Botanical Society 130:43–46.

Hypericum L. St. John's-wort

Foliage and perianth with black, red or translucent marginal dots; sepals and petals 5, yellow to pale orange; carpels and styles 3 in ours; fr caps, septicidal; ours ann or per, glab, sessile-lvd herbs or shrubs. (Gr, *hyper-*, above, and *-ikon*, image; the fls formerly placed above religious figures to repel evil spirits).



1a Shrubs or subshrubs to 1 m; lvs 3.5–11.5 cm, evergreen or deciduous; fls 1.5–10 cm diam; pls caespitose or rhizomatous

2a Fls 1.5–3.5 cm diam; fr bright red to dark purple or black, fleshy-walled, berry-like, ripening to black then the walls drying; anthers pale yellow; pls caespitose; low thickets, stream banks, ledges, weedy slopes, trails, railroads; European intro; s BC s, w Cas, to CA; tutsan

1 *H. androsaemum* L.

2b Fls 5–10 cm diam; fr white, slightly resinous, drying to brown; anthers dull orange to pink or red; pls rhizomatous; disturbed ground, shores, roadsides; Eurasian intro; sw BC s, lowl w Cas, to CA, also in TN; Aaron's beard, great s.

2 *H. calycinum* L.

1b Herbs; lvs 0.2–5 cm, deciduous; fls to 3 cm diam; pl ann or rhizomatous per

3a Lvs, and often petals, sepals, and anthers with some marginal black dots or streaks; petals yellow

4a Anthers without a black gland; stamens 15–18; stigmas green or yellow; petals gen 1–2 mm > sepals; pls gen prostrate; disturbed ground, thickets, wet prairie margins; Eurasian intro; sw BC, nw OR, also in NY; trailing s.

3 *H. humifusum* L.

4b Anthers with a black gland; stamens 40–109; stigmas red to yellow or white; petals gen 4–8 mm > sepals; pls gen erect

5a Sepals linear to narrowly lanceolate or narrowly oblong

6a St internodes with 0–2 low ridges, the ridges unwinged; fls bright yellow, 1.2–3.1 cm diam; dry to moist meadows, roadsides, disturbed ground, sun or partial shade; widespread, noxious Eurasian intro; AK to CA, e to Atl; Klamath weed, common s.; ours subsp. **perforatum**

4 *H. perforatum* L.

6b St internodes with 2–4 winged ridges, the wings 0.2–0.5 mm wide; fls dull yellow, 0.9–1.3 cm diam; freshwater intertidal marshes, floating logs, damp gravel; European intro; sw WA; square-stalked s.

5 *H. tetrapterum* Fr.

5b Sepals ovate to elliptic

7a Petals with marginal black spots but no black lines; sts without black dots or lines; peatlands, moist or wet meadows, shores, wet ledges, wet for, lowl to subalp; widespread s BC s to CA, Mex, e to Alta, and RMS; w s. (*H. formosum* subsp. or vars. *nortoniae*, s.)

6 *H. scouleri* Hook.

7b Petals with prominent black lines as well as a few black spots; sts with black dots or lines; shores, disturbed ground, ditches, edges; uncommon European intro; sw BC to w WA, e to n ID; spotted or streaked s., ours subsp. **obtusiusculum** (Tourlet) Hayek

7 *H. maculatum* Crantz

3b Lvs, petals, sepals, and anthers lacking black dots or streaks; petals orange-yellow to yellow

8a Lvs linear-oblongate, 0.5–3(–5.5) mm wide, ca 8–12 × as long as wide; coastal, shores, damp sand or peat, damp or wet disturbed ground, cranberry farms; c and e N Am intro; sw BC to sw OR; Can s.

8 *H. canadense* L.



11a



11b



12a



12b

8b Lvs narrowly lanceolate to lanceolate, elliptic or ovate, mostly 3–15 mm wide, ca 1.5–6 × as long as wide

9a Petals bright yellow, 5–8 mm; styles 3, erect and appearing fused until fr ripens; coastal, damp sand and peat, cranberry farms; nc and ne N Am intro; sw BC and sw WA; pale s.

9 **H. ellipticum** Hook.

9b Petals orange-yellow, 1.5–4 mm; styles 3–4, separate

10a Infl bracts linear to linear-lanceolate

11a Lvs lanceolate to narrowly lanceolate; sepals lanceolate; fr 4.5–6.5 mm; peatlands, shores, damp sand or cobble; Seattle (1891) and e Cas, s BC, e WA, e to Alta, MT, and e US; also intro to coastal ditches and cranberry farms, sw BC s to sw OR; large or greater Canadian s.

10 **H. majus** (A. Gray) Britton

11b Lvs elliptic to elliptic-ovate or elliptic-oblong; sepals oblong; fr 2–4.3 mm; intro from e US; shores, often peaty; lowl nw WA; dwarf s.

11 **H. mutilum** L.

10b Infl bracts wide, lfy

12a Pls gen colonial, forming dense mats; sts gen prostrate, rarely ascending; ripe frts often ± hidden by sepals; coastal to mont, peatlands, wet meadows, shores, seeps, vernal pools; common; both sides Cas, c BC s to CA, Mex, e to MT and AZ; bog s.

12 **H. anagalloides** Cham. & Schltdl.

12b Pls gen with solitary shoots, not mat-forming; sts erect, though creeping for a few cm at base; ripe frts gen not hidden by sepals; coastal shores, damp sand, peatlands, ditches, cranberry farms; uncommon e US intro; sw BC to nw CA; n s.

13 **H. boreale** (Britton) E.P. Bicknell