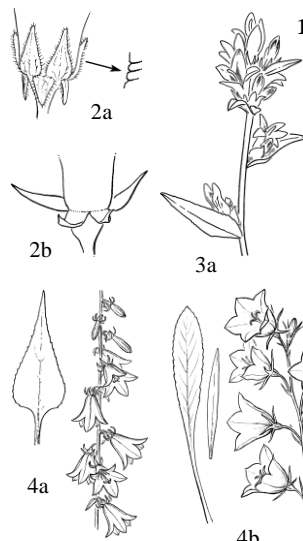


C. uniflora segregated into monotypic genus *Melanocalyx* based on Morin, N.R. 2020. Taxonomic changes in North American Campanuloideae (Campanulaceae). *Phytoneuron* 2020-49: 1–46.

Campanula L. Harebell; Bellflower

Infl gen racemiform or fls solitary, occ spicate, pan, or head-like; corolla gen blue, occ white, radially symmetric, cylindrical, funnell, or rotate to camp, 5-lobed; stamens not fused, base of filaments dilated and gen ciliate; style 1, stigma 3–5-lobed; ovary partly or wholly inferior, 3 or 5-locular, axile placentation; fr caps, opening by pores varying in location from near base to near apex depending on taxon; seeds ∞, compressed; ann or per herbs; basal lvs present or not, cauline lvs alt; sts and lvs often with milky sap. (*L. campana*, bell, and *-ula*, diminutive, referring to shape of corolla). *Campanula latifolia* L. (1956, Deschutes Co, OR) and *C. trachelium* Brot. (2005, VI) are known in our area from single colls, respectively.



1a Pls robust, erect, usually >> 20 cm (gen 30–100 cm); sts stout, lvs and fls correspondingly large; corolla 2–4(–6) cm long; intro spp. of roadsides, wastelots, and other disturbed, open areas, where occ escaping cult

2a Calyx with reflexed appendages in sinuses; stigmas 5; pls bien; sts 6–8 dm; disturbed, open areas including roadsides; s European intro, occ escaping cult; scattered in our area, VI and s BC s, lowl w Cas, to Wi Va, also in w MT, and ne N Am; Canterbury bells

1 C. medium L.

2b Calyx without appendages in sinuses; stigmas 3; pls per; sts gen 3–10 dm

3a Fls sessile in terminal, occ axillary, headlike clusters; sts (1.5–)2–6(–8) dm; bl of lower lvs oblong-ovate, abruptly transitioning to petiole, crenate-serrate, green on both sides; calyx lobes acuminate; corolla 2–4 cm long; Eurasian intro; scattered in our area, sw BC, c WA, and w MT; clustered b.

2 C. glomerata L.

3b Fls on short to relatively long peds, infl racemose

4a Principal lf bls lance-ovate to cordate-ovate, 2–5 cm wide and 1.5–3 × as long as wide; infl relatively long, ± one-sided, spicate, gen with > 10 fls; corolla 2.5–4.5 cm long; sts 3–10(–12) dm; Eurasian intro; AK to OR, e across much of N Am; creeping b., rover b.

3 C. rapunculoides L.

4b Principal lf bls elongate and narrow, ± linear to oblanceolate, < 1.5 cm wide and > 7 × as long as wide; infl relatively short, gen with < 10 fls; corolla 3–5 cm long, sts 3–10 dm; Eurasian and n African intro; BC to OR, e to ID and w MT, also in e N Am; peach-lvd b.

4 C. persicifolia L.

1b Pls smaller, sts often somewhat lax, usually 0.3–2 dm, rarely to 6 dm, but then sts slender, fls small, corolla rarely > 2 cm; native spp.

5a Style well exerted from corolla; corolla lobes spreading or recurved, oblong-ovate; lvs evidently petiolate; corolla 8–18 mm; pls 1–3 dm; lowl to mont, dry to mesic for openings and rocky outcroppings; VI s, chiefly w Cas, to CA (disjunct in se AK, where possibly intro); Scouler's h. or b.

5 C. scouleri Hook. ex A. DC.

5b Style not or slightly exerted from corolla; corolla lobes not spreading or recurved or only moderately so; st lvs sessile

6a Infl (3–)5–7(–10)-fld; pls (1.5–)3–6 dm; basal lvs long-petiolate, orbicular to reniform, often withering before fl; st lvs linear to narrowly ovate; lvs entire; caps nodding, pores opening in proximal half; calyx lobes narrowly linear, gen appressed to corolla, at least 1/2 as long as corolla; corolla camp; coastal balds to alp slopes; circumboreal, widespread in N Am; Scotch or bluebell b.; morphologically variable, with broad ecological tolerance

6 C. rotundifolia L.

6b Infl gen 1-fld; pls gen 0.2–1(–3) dm; basal and cauline lvs ± uniform, margins serrate or entire; caps erect, pores opening in distal 1/2

7a Lvs and calyx lobes gen conspicuously toothed; pls variously pubescent, esp around infl and base of lvs

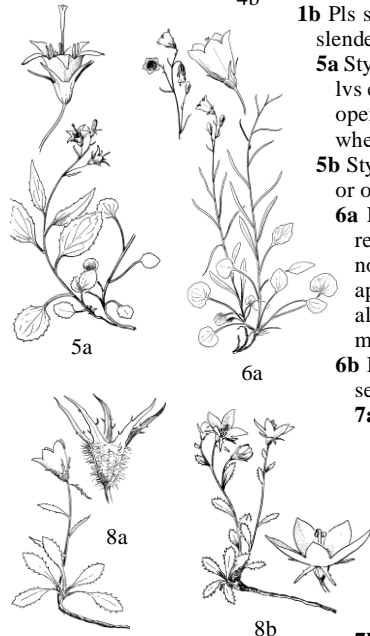
8a Hypan woolly-villous with long, loosely spreading hairs; corolla tubular-camp, 18–30 mm long, lobes << tube; lf margins serrate; rocky, subalp to alp summits in our area; AK to w slope Cas in WA, not in OM; also in n Asian Pac Rim; AK h.

7 C. lasiocarpa Cham.

8b Hypan glab to finely scab, sparsely hirtellous; corolla rotate-subrotate, 7–15 mm, lobes > tubes; lf margins serrate-dentate to mucronate; open rock faces, subalp to alp; OM endemic; Olympic b.

8 C. piperi Howell

7b Lvs entire to inconspicuously toothed; caps < 12 mm long, hypan glab or scab to hirtellous; spp. similar in appearance and often difficult to distinguish where ranges overlap





9a Pls uniformly minutely scab to spreading-hirtellous throughout; pls gen 3–7 cm; corolla 6–9 mm; caps 5–7 mm, cylindric-obconic; high elev talus and rocky slopes; disjunct in WA Cas and n CA, otherwise c ID and w MT; rough h. or b.
 9 **C. scabrella** Engelm.

9b Pls glab to nearly so, except for occ ciliate-margins of lower lvs and occ scab to hirtellous hypan; pls gen 10–30 cm; corolla 9–15 mm; caps 7–11 mm, broadest above middle; subalp meadows; WA Cas, possibly OM, otherwise c ID and w MT; Parry’s h. or b.; ours var. **idahoensis** McVaugh; in need of further taxonomic study
 10 **C. parryi** A. Gray