

Key revised to segregate *R. neoglandulosum* from *R. columbianum* based on morphological and habitat differences, and molecular data indicating the taxa are distinct.

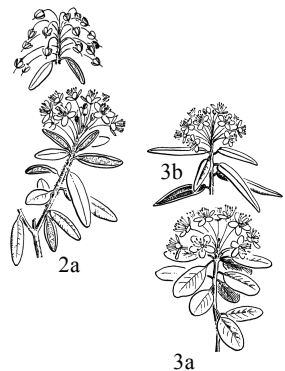
References:

Hart, A. K.A. Kron, and E.L. Gillespie. 2017. Molecular phylogenetic analysis of the north-temperate Labrador Teas (Ericaceae: Rhododendron Subsect. *Ledum*) suggests a complex genetic history. Journal of the Botanical Research Institute of Texas 11(1):53-65. DOI:10.17348/jbrit.v11.i1.1138.

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Rhododendron L. Rhododendron; Azalea; Labrador-tea; Menziesia

Fls in terminal or axillary clusters; sepals 4–5, slightly to strongly connate; corolla 4–5(6)-merous, subrotate to funnelf, camp, or urceolate, radially to ± bilaterally symmetric, petals connate at least near base; stamens (ours) 5–12; anthers unawned, opening by terminal pores; fr a 4–5-celled caps, septicidal; deciduous or evergreen, alt-lvd shrubs. (Gr *rhodon*, rose, and *dendron*, tree). (*Ledum*, *Menziesia*). Inclusion of *Ledum* and *Menziesia* in *Rhododendron* is well supported by molecular evidence (Goetsch et al. 2005).



1a Fls rotate; petals distinct nearly to their base; twigs and lower lf surfaces with flat, glandular scales

2a Distal sts rusty-hairy; lvs linear-elliptic, 2–6 cm, densely rusty-lanate beneath, strongly revolute; stamens 5–10, slightly > style; caps 3–6 mm; mostly in swamps, fens, and bogs; AK s, along coast, to nw OR, possibly also to n ID, e across Can and GL to n Atl and Greenl; bog l. (*L. g.*) **1 R. groenlandicum** (Oeder) Kron & Judd

2b Distal sts glabrate; lvs ovate to elliptic, 1.5–6 cm; stamens (5)8–12, considerably > style; caps 2–5 mm; shrubs to 2 m tall

3a Lvs ovate, scaly beneath, margins planar, seldom slightly revolute; mont to alp bogs, lakes, and seasonally moist slopes; BC s, both sides Cas, to CA, e to RMS; w L. (*L. columbianum* and *R. c.*, misapplied, *L. glandulosum*)

2 R. neoglandulosum Harmaja

3b Lvs elliptic mealy-puberulent to puberulent beneath, slightly to strongly revolute; low elev fens, lakes, and, swamps; BC s, w Cas, to CA; trapper's tea, smooth L. (*L. columbianum*, *L. glandulosum* var. *c.*) **2 R. columbianum** (Piper) Harmaja

1b Fls camp to funnelf or urceolate; petals connate for at least 1/3 their length; twigs and lower lf surfaces occ pubescent or glandular but without glandular scales

4a Corolla urceolate, 6–10 mm, the petals connate > 3/4 their length, dull yellowish-red or coppery; stamens 8, included; lvs deciduous, bls 3–6 cm, sparsely pilose to stipitate-glandular; shrubs 1–2.5 m; moist woodl and stream banks, lowl to subalp; AK to CA, both sides Cas, e to Alta, ID, MT, and WY; fool's huckleberry, mock a., rusty m. (*M. ferruginea*, *M. glabella*); rather desirable orn, esp because of fall coloration **3 R. menziesii** Craven

4b Corolla camp to funnelf, 1.5–5 cm long or wide, the petals connate for 1/3–1/2 their length, white to pink or rose-purple; stamens 5 or 10, gen exserted

5a Stamens 5; lvs deciduous, bl elliptic to narrowly obovate, 3–9 cm; fls 5–20 in terminal corymbs, very fragrant, white to deep pink; corolla 3–5 cm, narrowly funnelf, bilaterally symmetric; pls 1–5 m; stream banks and moist areas in woodl; w Cas, wc OR to s CA; w a.; widely planted and one of the finest orn spp.

4 R. occidentale (Torr. & A. Gray) A. Gray

4b Stamens 10; lvs deciduous or evergreen

6a Lvs deciduous, bl elliptic-oblongate, 4–9 × 1–3 cm; fls in axillary clusters of 1–4, with peds 1–1.5 cm; corolla white or off-white, 1.5–2 cm wide, shallowly camp, nearly radially symmetric; pls 1–2 m; stream banks to moist slopes, mont to subalp; c BC s, both sides Cas, to c OR, e to Alta, ID, and w MT; white r., Cas a., white-fld a.; attractive but too difficult to grow to be of value **5 R. albiflorum** Hook.

6b Lvs persistent, leathery, bl oblong-elliptic, 8–20 × 2.5–5.5(–7.5) cm; fls gen 10–20 in terminal corymbs, with peds 3–6 cm; corolla pale pink to deep rose-purple, 3–5 cm, tubular-camp, somewhat bilaterally symmetric; pls 1–5 m; for areas and thickets, from sea level to lower mts; in and w Cas, sw BC to c CA; Pac r., CA rose-bay, w r.; fine orn, easily grown **6 R. macrophyllum** D. Don ex G. Don

