

and basal leaves 3-5 lobed, 2.5-5 cm. broad, on long and broad-based petioles; upper stem leaves deeply divided; flowers numerous, 6-8 mm. broad; achenes numerous in a cylindrical head, apiculate. Common in wet ditches and swamps. June-August.

11. **R. pensylvanicus** L.f. BRISTLY BUTTERCUP. Hairy annual or perennial; stems 4-10 dm. high, erect, branching above; leaves pinnate, the lower 5-7 cm. long, leaflets petiolate, the one 3-parted and again lobed; flowers 6-8 mm. broad; achenes many in a cylindrical head, glabrous; receptacle elongated, 10-14 mm. long. Frequent on damp shores. June-August.

12. **R. Macounii** Britt. MACOUN'S BUTTERCUP. Hirsute perennial, 2-5 dm. high, erect or decumbent, branched; leaves 3-8 cm. long, ternately compound; flowers 10-12 mm. broad; achenes in a globose head, glabrous. Common in wet meadows. June-August.

13. **R. acris** L. TALL BUTTERCUP. Erect, hairy perennial, 3-9 dm. high, branched above; basal leaves deeply 3-parted and again lobed, appearing 5-parted; sepals pubescent; petals 8-12 mm. long; achenes in a globose head, glabrous. (*R. Stevenii* Andr.; *R. montanensis* of Sask. reports, not Rydb.). Occasional along roadsides. Natives of Europe. June-August.

14. **R. Gmelini** D.C., var. **Hookerii** (D. Don) Benson SMALL YELLOW WATER BUTTERCUP. Glabrous perennial, floating, or creeping on shores; stem 1-3 dm. long, rooting at the nodes; leaves 1.5-2.5 cm. broad, palmately divided or sometimes dissected into ribbon-like divisions; petals 4-7 mm. long; achenes in an ovoid head, smooth, glabrous. (*R. Purshii* Richards.; *R. Purshii* var. *dissectus* Lunell; *R. delpinifolius* of Sask. reports, not Torr.). Frequent in ponds or on muddy shores. June-August.

15. **R. trichophyllus** Chaix. WHITE WATER BUTTERCUP. Glabrous aquatic perennial, stem branched, 2-6 dm. long; leaves distinctly petioled, submersed, dissected into spreading filiform divisions, collapsing when withdrawn from water; pedicels not recurved in fruit; petals white or yellow at base, 4-8 mm. long; achenes transversely wrinkled, beak none. (*R. aquatilis* L. var. *cappilaceus* (Thuill.) DC.; *Batrachium trichophyllum* (Chaix.) Bosch). In brook by power house in Cypress Hills Park. June-August.

16. **R. longirostris** Godr. LONG-BEAKED WATER BUTTERCUP. Leaves sessile, stiff, not collapsing when withdrawn from water; pedicels not recurved in fruit; petals white, 5-9 mm. long; beak of achenes 1 mm. long. (*R. aquatilis*, var. *longirostris* (Godr.) Lawson; *Batrachium longirostre* (Godr.) F. Schultz). In lakes and streams. Crane Lake, Cypress Hills. June-August.

17. **R. subrigidus** Drew STIFF WATER BUTTERCUP. Leaves sessile or nearly so, divisions rather short, usually firm but sometimes collapsing when withdrawn from water; pedicels recurved in fruit; petals white, yellow at base, 5-9 mm. long, beak of achenes 0.2-0.5 mm. long. (*R. circinatus* Sibth., var. *subrigidus* (Drew) Benson; *Batrachium*). This species and nos. 15, 16 are probably better regarded as varieties of *R. aquatilis*. According to Benson, Amer. Midl. Nat. 40(1): 238, 1948, *Ranunculus divaricatus*, *R. circinatus*, *R. Drouetii*, and *R. flaccidus* are old European names used in America.



## LADY'S SLIPPER

Mrs. O. L. Wolters, Tolland, Alta.

I have had a Yellow Lady's Slipper in my garden now for about four years. I wasn't able to find any growing around wild, but managed to get one from a nursery in Manitoba. I'm sure it had just one slipper the first year it bloomed. It was transplanted in the fall and bloomed in June. Next year it was the same, but last summer it had two slippers and a new stalk. This year I'm looking for more slippers.

I believe they must multiply by their bulbs and not very fast at that. Mine is planted in a shady spot with wild fern and wild blue violets. I would like to get another plant or two on a trade, but only for fall planting.