Family: Ranunculaceae

Specimen: *Ranunculus repens* L., creeping buttercup

https://www.thinglink.com/scene/1340556739832971265



**Habitat**: Herbaceous, ruderal, often found on wet-land margins. Perennial.

**Vegetative Parts**

* + Leaves basal, alternate, compound palmately into three leaflets, palmate venation, deeply lobed with "dentate" toothing; end leaflet up to 4cm wide. Dark green on top, light green underneath. Leaves and stems pubescent. Roots adventitious off stolons, fibrous. **Lacks stipules** (presence or absence of stipule is diagnostic for clarification Ranunculus and members of Rosaceae).

Front Back

 

Notice pubescent stems and petioles, and adventitious roots forming at node; stolons and roots

 

**Inflorescence**

* + Type: Single showy flower borne on stem
  + Flowers: Actinomorphic, complete. Petals bright yellow, **very glossy**, sepals green. Superior ovary. Erect flowers on stems.
  + How many petals: 5
  + How many sepals: 4
  + How many stamens: ∞ (many)
  + Carpels, how many: ∞ (many)

Flower; notice glossy appearance of petals Petals and sepals



Gynoecium



Androecium: stamens and filament; close-up

 

**Seeds and Fruits**

* + Type: Aggregation of achenes in clusters
  + Dehiscence: Indehiscent
  + Placentation: Basal\*, difficult to observe
  + Number of seeds: 1 per carpel

\*src: https://www.nrcresearchpress.com/doi/pdfplus/10.4141/cjps90-135

Seeds Dissected seeds; placentation appears to be basal



Note spurs on seeds

