

Shrubby Cinquefoil



Other Names: *Dasiphora fruticosa* (Linnaeus) Rydberg, thak dachan, potentilla frutescente
Rosaceae - Rose Family

Quick ID

Height: up to 1.5m

Vegetation Type: Shrub

Leaves: 5 leaflets (sometimes 7), palmately compound, smooth leaf edges

Flowers: yellow, five petals, many anthers

Inflorescence: flowers can be clustered terminally or solitary growing from base of leaves

Stem: red-brown colour, shredded texture

Habitat: Part sun to part shade; Mostly found in wetlands, but can be found in drier/mesic sites; e.g. rocky shores, swamps, wet meadows, and muskeg



Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec



Flowering

How often: Annually **When:** June-October

- In bloom all Summer with a few flowers open at a time
- Perfect flowers, self-compatible, but has inbreeding depression
- Trioecious: some populations have separate male, female, and hermaphrodite plants (male plants won't have seeds)

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Seed Forecasting

When: August-September

What to look for:

- Seeds develop in cone-shaped receptacle
- dry and brown receptacle

Seed Collection

When: September-October

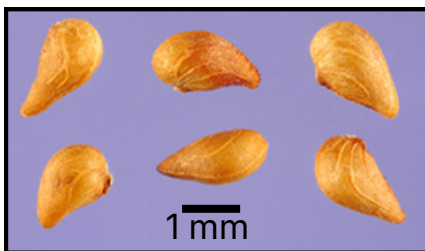
What to look for:

- Brown seeds in receptacles
- Cut stem to drop fruit in bag or pick by hand
- Feel seed firmness with nail or cut open to check before collecting

Cleaning and Storage

Type: dry indehiscent fruit

- Let dry
- Crush or brush seeds off of receptacle



Germination

- Needs extended cold wet exposure to germinate

Look-alike plants:



Silverweed (*Argentina anserina*)

Silverweed has:

- toothed leaflets edges
- leaves and flowers on separate stems
- herbaceous (i.e. not woody)



Rough cinquefoil
 (*Potentilla norvegica*)

Cinquefoils (*Potentilla spp.*) have:

- herbaceous
- toothed leaflets edges