

# What's that bloomin' thing?

Master Gardener Class 2016  
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# What's that bloomin' thing?

## Papaveraceae

Plant family

*Alternative title: poppy family*

- Papaveraceae, is the poppy family of flowering plants:
  - Order Ranunculales
  - 44 genera
  - 760 species
  - Most of are herbaceous plants, but the family includes some woody shrubs and a genus of small tropical trees.



# Papaveraceae / Poppy Family



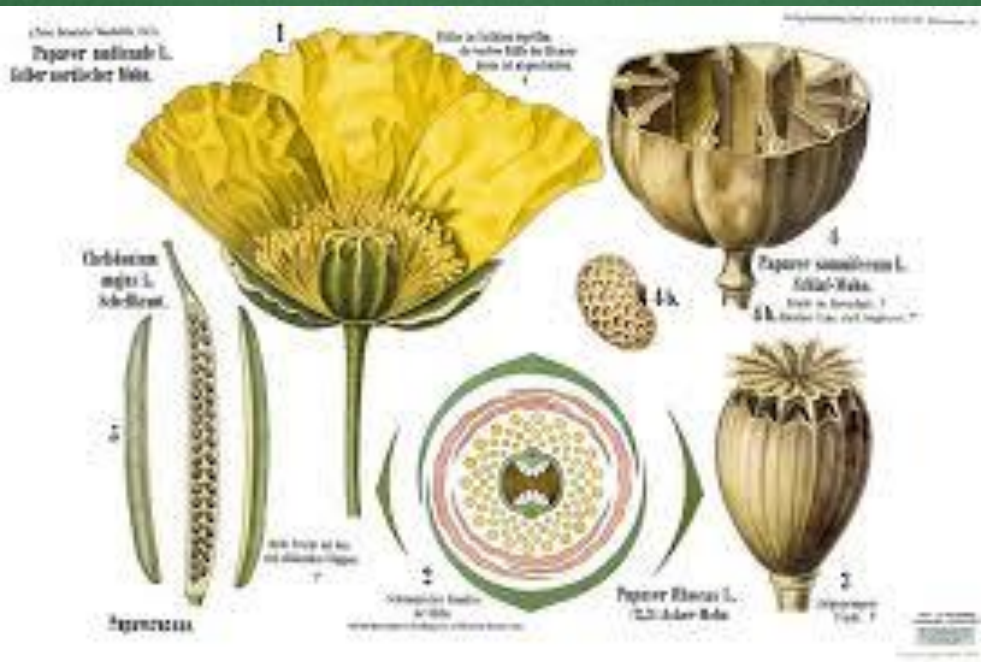
The family is outstanding for its many garden ornamentals and pharmaceutically important plants. The family is cosmopolitan, occurring in temperate and subtropical climates (mostly in the northern hemisphere), but almost unknown in the tropics.

# Papaveraceae / Poppy Family

Flowers: bisexual, regular, dish-shaped with one superior pistil (female structure) and many stamens (male parts).

The buds and flowers are usually large and often nodding.

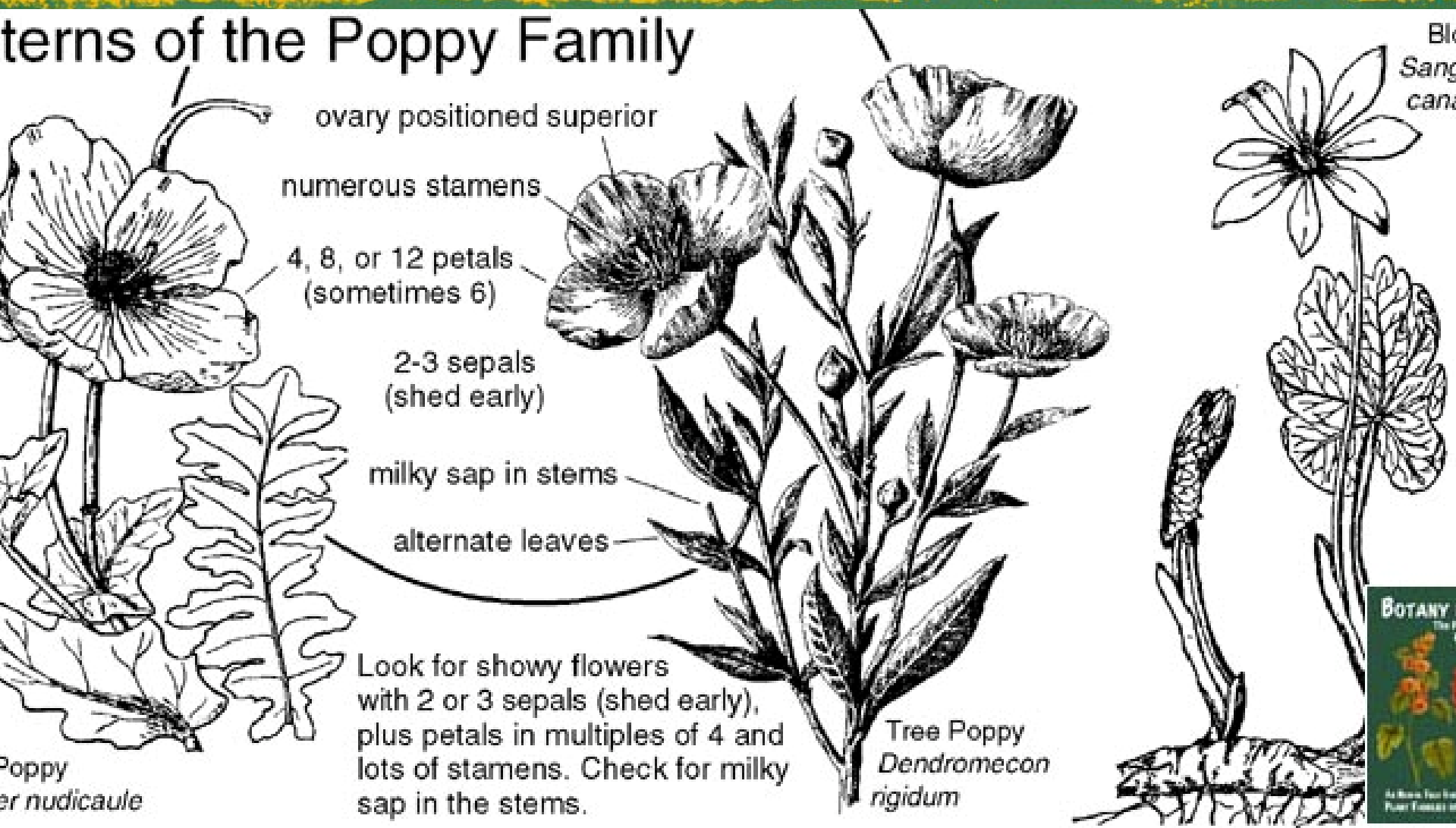
The fruit is a spherical or linear capsule. In seeds are dispersed from holes at the top of the capsule when the plant is shaken by the wind.





# Papaveraceae / Poppy Family

## Characteristics of the Poppy Family



# Papaveraceae / Poppy Family

Opium, from which morphine, heroin, and codeine are derived, is from the opium poppy (*Papaver somniferum*), which is native to Turkey.

*P. somniferum* is also the source of edible poppy seeds.



# Papaveraceae / Poppy Family

- Numerous other members of the family are valuable ornamental plants, including about 50 species of the genus *Papaver* (poppy).



Other genera of the Papaveraceae distinguished for their ornamental species include:

← *Meconopsis*

*Eschscholzia californica* →





# Papaveraceae / Poppy Family

Shrub ornamental species include *Dendromecon* (tree poppy):

