

Family — SOLANACEAE

Type — *Petunia alba*

Floral Characters:

Inflorescence: Solitary axillary cymose.

Flower: Pedicellate, bisexual, complete, actinomorphic, hypogynous, ebracteate, pentamerous.

Calyx: 5 sepals, gamosepalous, bell-shaped. (campanulate), valvate-aestivation, persistent, hairy.

Corolla: 5 petals, gamopetalous, infundibuliform (funnel-shaped), valvate, coloured.

Androecium: 5 stamens, polyandrous, epipetalous, alternate with petals, filaments long, anthers bilobed, basifixed, extrose.

Gynoecium: Bicarpellary, syncarpous, ovary superior, bilocular (two-chambered), placed obliquely many ovules in each chamber.

Placentation: Axile.

Floral Formula: \oplus , ♀ , $K_{(5)}$, $C_{(5)}$, A_5 , $\underline{G}_{(2)}$

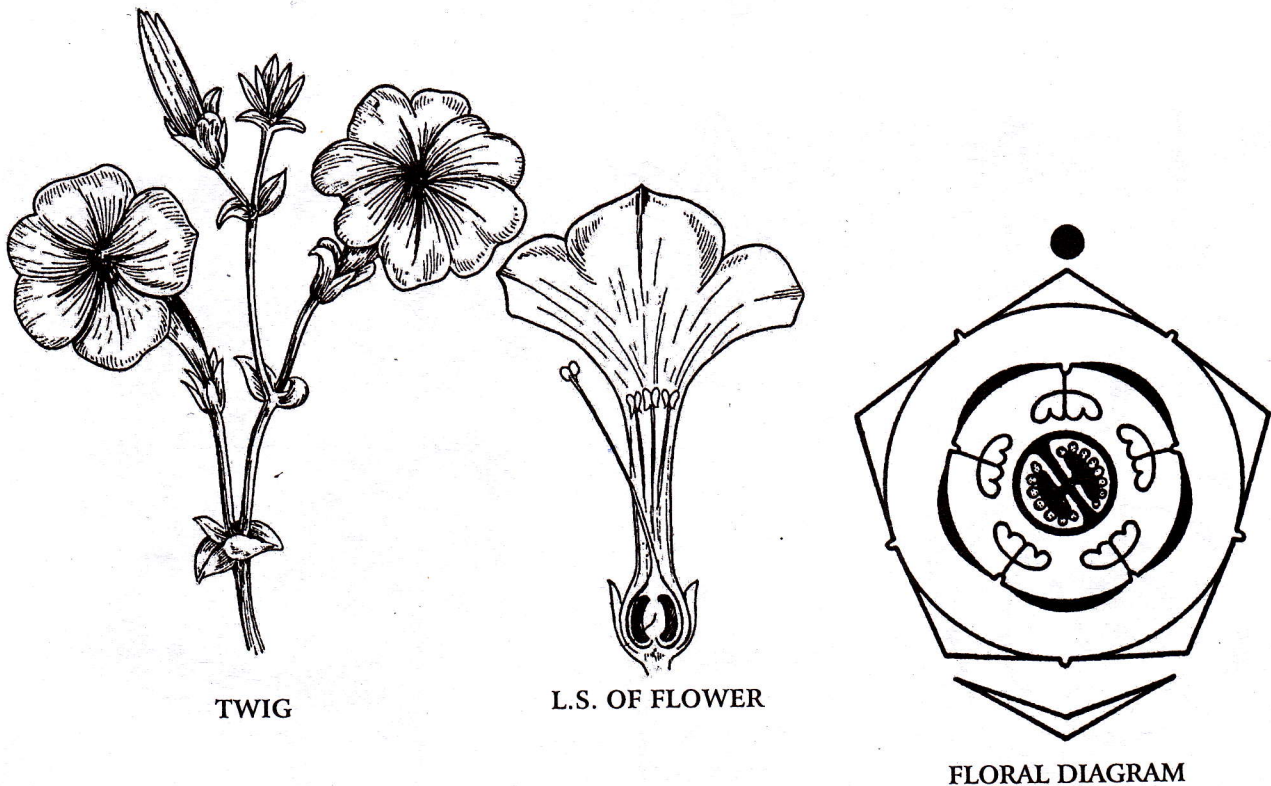


Fig. 40: *Petunia alba* (Family – Solanaceae)