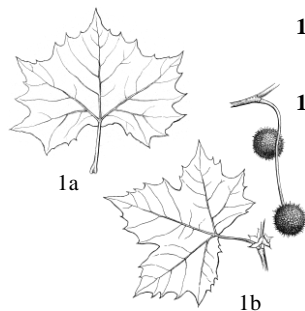


PLATANACEAE Plane-Tree Family

Pls ♂♀; infl globose-capitate ♂ and ♀ heads on different brlets, axillary, sessile or not, ♂ soon deciduous; sepals and petals inconspicuous; ♂ fls 3–4(–8)-merous; ♀ fls 3–4(–8)-merous, pistil 3–8-carpellate, carpels free, ovary superior, 1-locular, ovule 1 or 2, style exserted beyond inflorescence, often persistent and beak-like; fr achenes in hairy, pendulous heads; deciduous trees, rarely evergreen, with gray, white or pale brown bark peeling in plates; sts and lvs with branched or stellate hairs, lvs alt, simple, usually palmately lobed and subpalmately veined, stip, base of petiole hollow and covering axillary bud; several spp. cult as orn in temperate areas worldwide.

Platanus L. Sycamore; Plane-tree

Trees to 50+ m (where native); stamens opp sepals and = in no, exserted, anther connective expanded distally into peltate appendage, pistillodes sometimes present; ♀ fls apert, stigma dark red, conspicuous, staminodes 3 or 4, prominent, clavate; fr heads pedunculate; mature achenes dispersing with ring of basal hairs attached, basal hairs = achene; lvs large, palmately 3–5(–7)-lobed when mature, lobing shallow to deep; lf surfaces glabrate, though often tomentose with branched hairs along lower surface veins, margins entire to coarsely serrate;. (Gr *platanos*, wide, perhaps referring to the wide lvs).



1a Mature leaf central lobe wider than tall, distal sinuses shallow; fr heads 1(–2) per rachis; riverbanks, islands, and riparian zones; c and e N Am intro occ escaping cult; e Cas, scattered along CR in WA, OR; Am s.

1 P. occidentalis L.

1b Mature leaf central lobe variable, taller than wide, or as tall as wide, distal sinus gen deeper; fr heads 1–3 per rachis; riverbanks, islands, and riparian zones; intro orn of garden origin; e Cas, scattered along CR in WA, OR; Great Britain; London p. (*P. × acerifolia*, *P. × hybrida*, *P. occidentalis × orientalis*).

2 P. × hispanica Mill. ex Münchh.