

## Leaf base shape (leaves of mature crown)

The petiole of the leaf extends into the blade as the midrib. At the base of the leaf blade, the two sides of the leaf meet where the petiole ends. The two sides of the leaf may taper to the petiole at the same point or there may be relative displacement of the leaf bases. This is most noticeable in leaves that are pendulous and usually concolorous. It will be seen that the "lower" half of the blade joins the petiole further away from the stem than the upper side. The leaf is then called oblique. When the halves of the leaf meet at approximately the same point of the petiole, the leaf bases may be tapered or rounded.

### Oblique on the petiole

The two leaf edges at the base of the leaf gradually taper to meet the petiole at different points so that one edge of the leaf is obviously displaced from the other edge by at least 3 mm.

### Tapering to the petiole

The bases of both sides of the leaf taper to the petiole and meet the petiole at approximately the same point at an acute angle.

### Lobed (auriculate)

Each side of the leaf forms a distinct lobe at the base.

### Stem-clasping (amplexicaul)

The basal lobes of a sessile leaf extend to the opposite side of the stem.

### Rounded

The two leaf edges at the base of the leaf gradually come together to form a rounded base (when the base of the leaf does not or scarcely tapers to the petiole).

### Connate (leaves paired and bases joined)

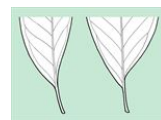
When the bases of an opposite pair of leaves are fused and surround the stem.

### Truncate (squared)

The bases of the leaf meet the petiole at about the same point at approximately right angles, i.e. they do not taper.

### Peltate

The attachment of the petiole is on the underside of the leaf blade within the blade of the leaf (e.g. *Corymbia peltata*).



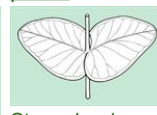
Oblique on petiole



Tapering to petiole



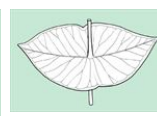
Lobed (auriculate)



Stem-clasping (amplexicaul)



Rounded



Connate (leaves paired and bases joined)



Truncate (squared)



Peltate

Copyright © CANBR 2020, all rights reserved.



Web edition hosted at <https://apps.lucidcentral.org/euclid>