

## GROUP 9 LEAVES SIMPLE: ALTERNATE and either PLANTS WITH STINGING HAIRS or LEAVES PELTATE or LEAVES ± ROUND TO BROAD-OVATE and WITH STAR HAIRS BELOW

### GROUP 9.1 PLANTS WITH STINGING HAIRS

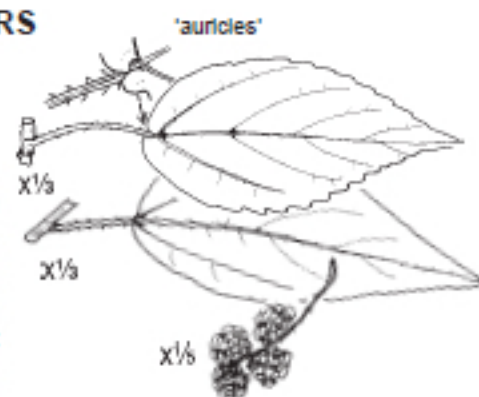
#### *Dendrocnide photinophylla*

##### SHINY-LEAVED STINGING TREE

Medium-sized tree with pale brown soft bark, in STRf, DRf and LRF; chiefly north from Gloucester, also at Wheeny Creek (near Richmond, W of Sydney). **Stinging hairs** sparsely scattered on twigs and petioles; hairs stinging, but not violently so. **Stipules** c. 1 cm long. **Leaves** ovate to broad-ovate, 7–17 cm long, apex ± acute, base cordate and with 2 small 'auricles', margins bluntly toothed to almost entire, soft, glossy, usually with some stinging hairs on the veins on lower surface; 2–4 domatia present, numerous translucent dots present; petiole 2–5.5 cm long. **Fruit** an achene; small, dry, 1-seeded, brownish; fruit seated on swollen fleshy stalk; stalks massed together, translucent greenish white.

Family Urticaceae

NSW, Qld



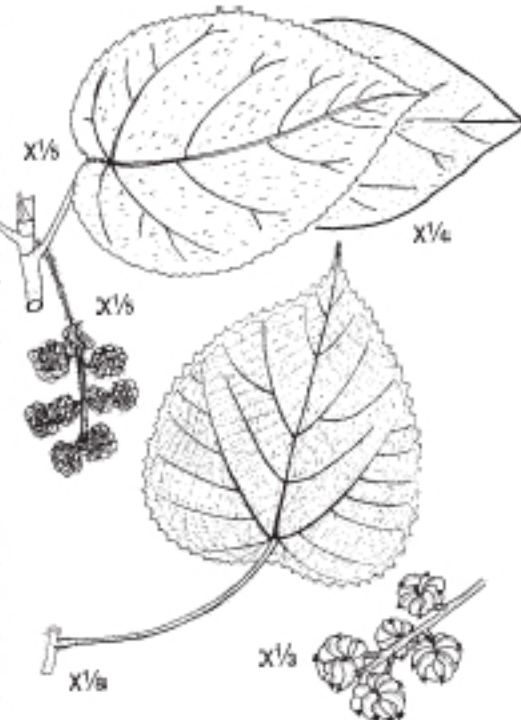
#### *Dendrocnide excelsa*

##### GIANT STINGING TREE

Medium-sized to very large buttressed tree with pale brown soft bark, in STRf and DRf, especially following disturbance, large-leaved saplings common along tracks in RF; north from Bega. **Stinging hairs** densely scattered on leaves, petioles and branches (especially in juveniles); sting very painful if hairs touched. **Stipules** 1–2 cm long. **Leaves** large to very large and often insect damaged, ± circular to very broad-ovate, 10–22 cm long (usually much larger on saplings), apex bluntly acuminate, base cordate, margins finely toothed to entire, light green, sprinkled or densely covered with stinging hairs; domatia absent; petiole 5–10 cm long. **Fruit** an achene; small, dry, 1-seeded, blackish; fruit seated on swollen fleshy stalk; stalks massed together, white to purplish.

Family Urticaceae

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#### *Dendrocnide moroides*

##### GYMPIE STINGER

Shrub in STRf, DRf and LRF, mostly in regrowth, extremely rare in N.S.W., more common in central and north Qld; north from Drake (W of Casino). **Stinging hairs** densely scattered on leaves, petioles and branches; sting extremely severe if hairs touched. **Leaves** large, roundish to broad-ovate, peltate (i.e. the petiole attached to the blade some distance from the edge), 10–20 cm long, apex acuminate to a point, base rounded or cordate, margins regularly toothed, soft, both surfaces densely covered with stinging hairs; domatia absent; petiole 10–30 cm long. **Fruit** an achene; small, dry, 1-seeded, black; fruit seated on swollen fleshy stalk; stalks massed together, pinkish.

Family Urticaceae

NSW, Qld

## GROUP 9.2 LEAVES PELTATE; STINGING HAIRS ABSENT

### GROUP 9.2.1 PETIOLE ATTACHED TOWARDS CENTRE OF LEAF

#### *Macaranga tanarius*

##### MACARANGA

Shrub or small tree in disturbed STRf and LRF, very common in regrowth; north from Richmond River. **Stipules** triangular, 10–12 mm long, prominent on young shoots. **Leaves** large, ± circular, 10–25 cm long apex drawn out to a point, soft, upper surface green and ± glossy, lower surface pale green, shortly hairy with many minute colourless sessile glands; petioles 8–20 cm long. **Fruit** (on female trees only) a capsule, 3-lobed, ± globose, 8–10 mm diam., green, soft-prickly, sticky; seeds black.

Family Euphorbiaceae

NSW, Qld

