



## Group 6.1.1

### GROUP 6 LEAVES ALTERNATE, SIMPLE *or* COMPOUND: WITH TENDRILS OPPOSITE A LEAF

#### GROUP 6.1 LEAVES SIMPLE

##### GROUP 6.1.1 DOMATIA PRESENT

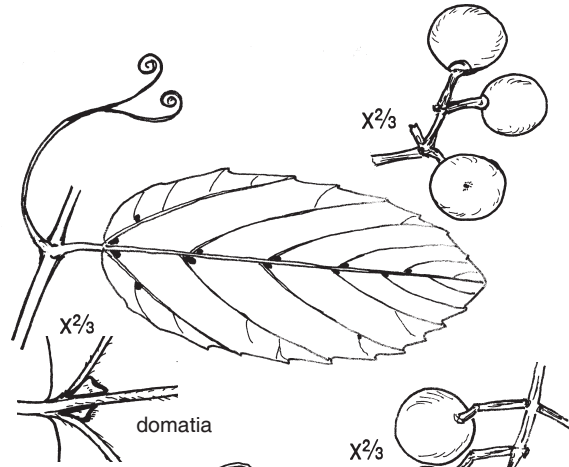
###### *Cissus antarctica*

###### WATER VINE, KANGAROO VINE

Robust vine, in STRf, WTRf, LRf and DRf; north from Bournda area (near Bega). **Young stems** greyish or rusty hairy, hairs 2-branched and stalked. **Tendrils** unbranched or 2-branched. **Leaves** simple, oblong-ovate to oblong-elliptic, 5–14 cm long, apex acuminate to obtuse, base cordate to truncate, margins regularly toothed, upper surface usually hairless, lower surface usually hairy with hairs 2-armed and stalked; **domatia** as flaps of tissue in vein angles, several along midrib and in axils of lateral veins, hairy; petiole 1–4 cm long. **Flowers** bisexual, small, in cymes. **Fruit** a berry, globose, 8–15 mm long, shiny, black to purplish black; seeds 5–8 mm long.

Family Vitaceae

NSW, Qld



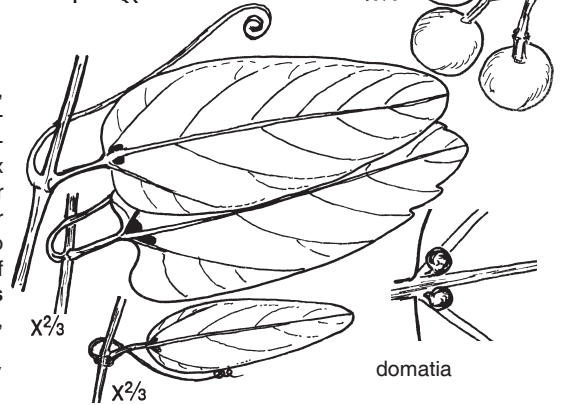
###### *Cissus oblonga*

###### SMOOTH WATER VINE

Scrambling vine in DRf and VTs; north from Imbil district (S of Gympie), west to Carnarvon N.P. (Mt Moffat). **Young stems** grey-hairy, hairs 2-branched, appressed to stems. **Tendrils** usually unbranched, rarely 2-branched. **Leaves** simple, oblong to oblong-ovate, 4–11 cm long, apex obtuse to acute, base truncate or shallowly cordate, margins entire or shallowly toothed towards apex, upper surface usually hairless, lower surface hairless or with scattered 2-branched hairs appressed to surface; hooded **domatia** hairless, in axils of midrib and basal pair of lateral veins, rounded and raised; petiole 1.3–2.7 cm long. **Flowers** bisexual, small, in cymes. **Fruit** a berry, globose, 10–13 mm long, shiny, black to purplish black; seeds 7–9 mm long.

Family Vitaceae

Qld only



##### GROUP 6.1.2 DOMATIA ABSENT

##### GROUP 6.1.2A LEAVES HAIRLESS

See also: *Clematicissus opaca* in Group 6.2.2.

###### *Cissus reniformis*

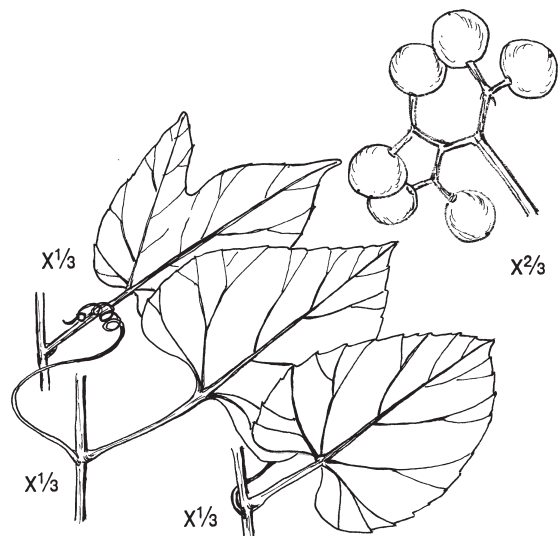
###### KIDNEY-LEAVED WATER VINE

Vigorous deciduous vine in VTs or monsoon forest, rarely in DRf; north from Kilkivan district (NW of Gympie). **Tubers** present. **Stems** ± succulent, mucilage copious, rounded in cross section, hairless, pale green or tinged with red. **Tendrils** unbranched. **Leaves** simple, broad-ovate to ovate or kidney-shaped, 8–15 cm long, apex acuminate, base truncate to cordate, margins toothed to crenate (sometimes lobed in new growth after fire or dry periods), upper and lower surfaces hairless; **domatia** absent; petiole 2–7 cm long. **Flowers** bisexual, small, in cymes. **Fruit** a berry, globose to depressed-globose, 7–9 mm long, black; seeds solitary or rarely 2, 7–7.5 mm long.

Petioles of fresh leaves smell like roast mutton when broken.

Family Vitaceae

Qld only



###### *Cissus repens*

###### VARIEGATED GRAPE

Vigorous vine in VTs, DRf or LRf, sometimes partly deciduous; north from Goodnight Scrub (SW of Bundaberg). **Tubers** absent. **Stems** ± succulent, mucilage copious, rounded in cross section, hairless, dark green, often reddish when young, occasionally glaucous. **Tendrils** unbranched. **Leaves** simple, broad-ovate, 7–15 cm long, apex acuminate, base truncate, margins bristly toothed, upper and lower surfaces hairless; **domatia** absent; petiole 3–10 cm long. **Flowers** bisexual, small, in cymes. **Fruit** a berry, ovoid, 7–9 mm long, black; seeds solitary, 6–6.5 mm long.

Family Vitaceae

Qld only

