

## APPENDIX N - INDICATOR SPECIES DESCRIPTIONS AND DRAWINGS

Wilson, H.D and Galloway, T (1993). Small-leaved Shrubs of New Zealand. The Manuka Press, Christchurch, New Zealand.

### **Mountain Wineberry (*Aristotelia fruiticosa*)**

Variable twiggy or bushy shrub, sometimes almost spiny, up to c. 2m tall. Bark reddish brown. Leaves opposite or in opposite clusters, shiny green above, paler and dull beneath *with conspicuous network of veins*, the margins either toothed or smooth, but on seedlings the leaves elongated and deeply toothed. Flowers tiny, a few mm diameter, pendent, each with 4 creamy or pinkish serrated petals. Berries opaque, not shiny, 3-4mm diameter, rather bitter to taste, the colour varying between plants: white, pink, red or black.

### ***Coprosma intertexta***

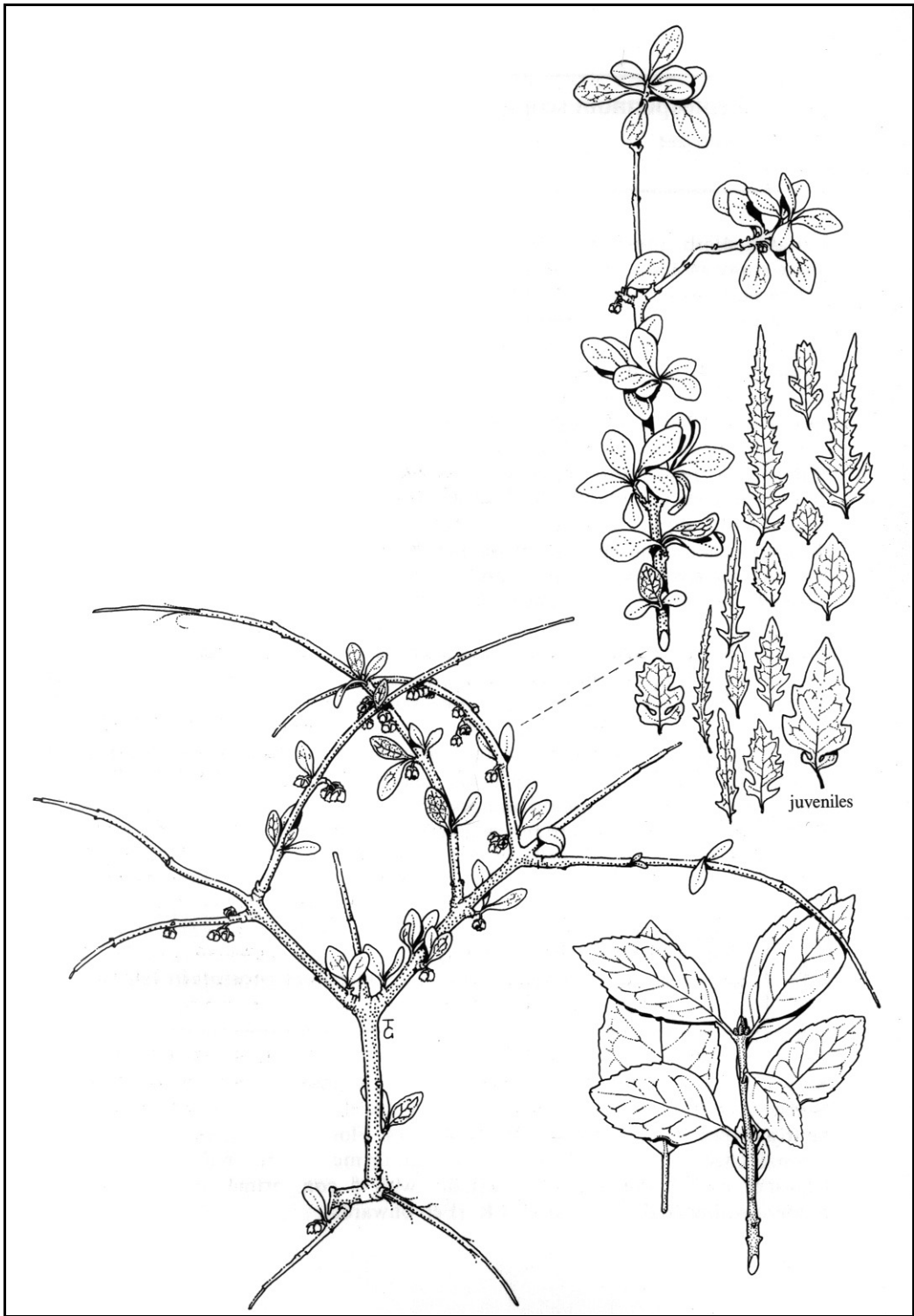
Bushy shrub up to c. 2m tall, with slender, interlacing branchlets. Main trunk not very erect; bark grey-brown. Branchlets orange-brown to grey-brown, downy when young. Leaves narrow, often curving sideways, pointed, usually with prominently red edges, sometimes hairy on upper surfaces (lens needed), often in clusters. Stipules small, shortly and roundly triangular, hair-fringed, lacking denticles at tip. Fruit white to pale blue, often speckled with darker blue, oblong, 4-6mm long.

### **Prostrate Kowhai (*Sophora prostrata*)**

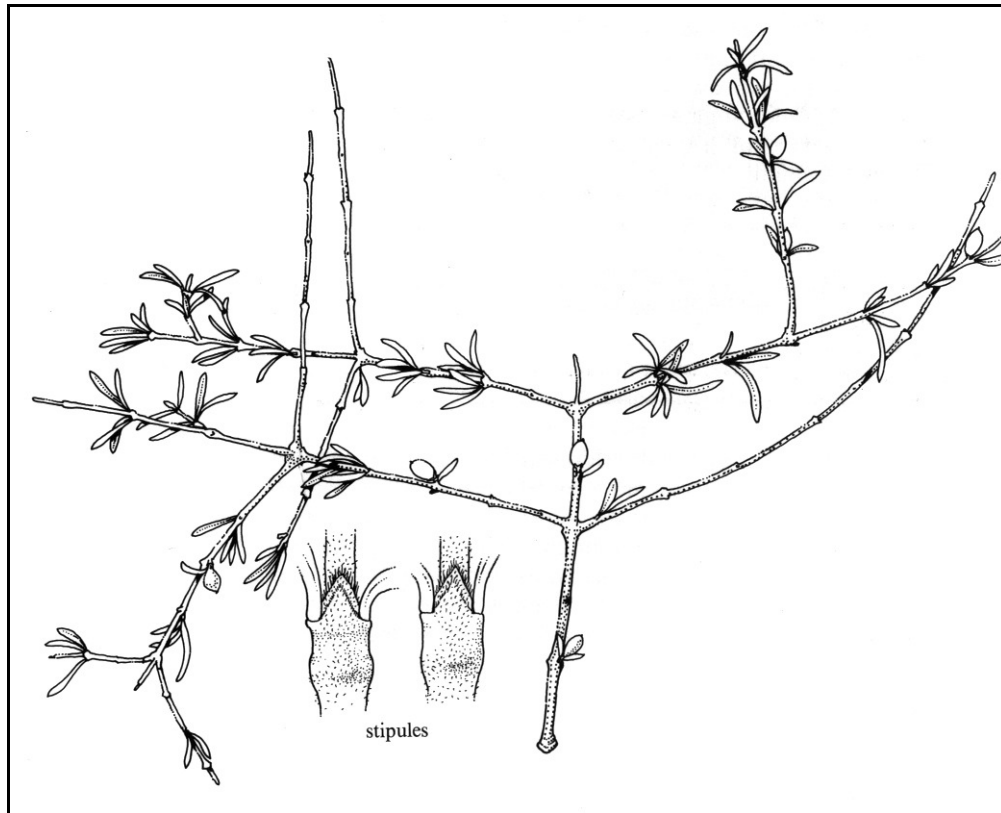
Prostrate to low bushy shrub c. 0.3-1(-2) m tall. Branchlets stiff, zig-zagging, tightly interlacing, hairless when mature, brown or orange-brown. Leaves coiled like a fern in bud, up to 2.5 cm long when opened, pinnate, with 7-17 small, close-set, dull green leaflets. Flowers c. 2cm long, usually solitary, sometimes 2-3 together, orange to orange-yellow with velvety brown, cap-like calyx. Pods c. 3cm long, brown, constricted between seeds, often 1-2(-5)-seeded but up to 5 per pod. Seeds dark brown to reddish brown.

### ***Corokia cotoneaster***

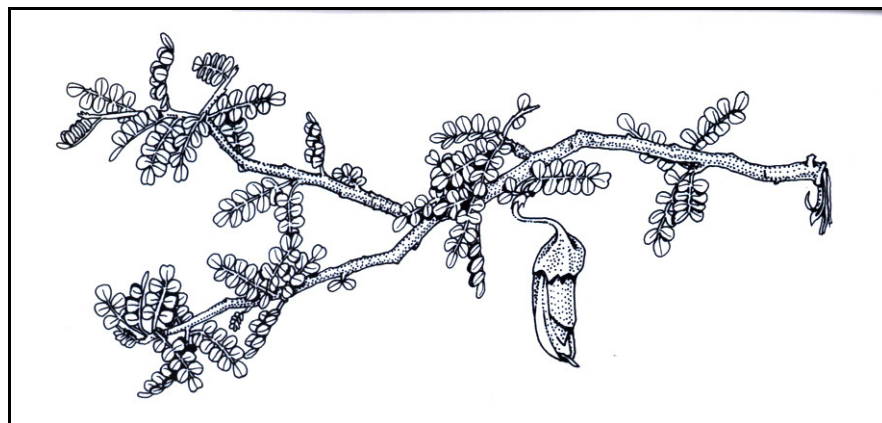
Variable shrub up to c. 3m tall, appearing dark grey from a distance. Branchlets stiffly zig-zagging, interlacing, with dark bark; young branchlets clad in silvery white tomentum. Leaves alternate, spoon-shaped, leathery, dark, or coppery green above, silvery white beneath, small in exposed plants, larger and more or less 3-lobed when young or shaded, but also variable among populations, up to c. 3.5cm long including flattened leaf stalk up to 2 cm long. Flowers bright yellow, star-shaped with 5 pointed petals, 7-10mm diameter, often prolific, usually but not always with musty scent. Fruit berry-like but leathery and opaque, 5-8mm long, yellow, orange or red, but the colour constant within one bush. (The leaves turn yellow as they age and may also appear berry-like from a distance, scattered through the evergreen shrub).



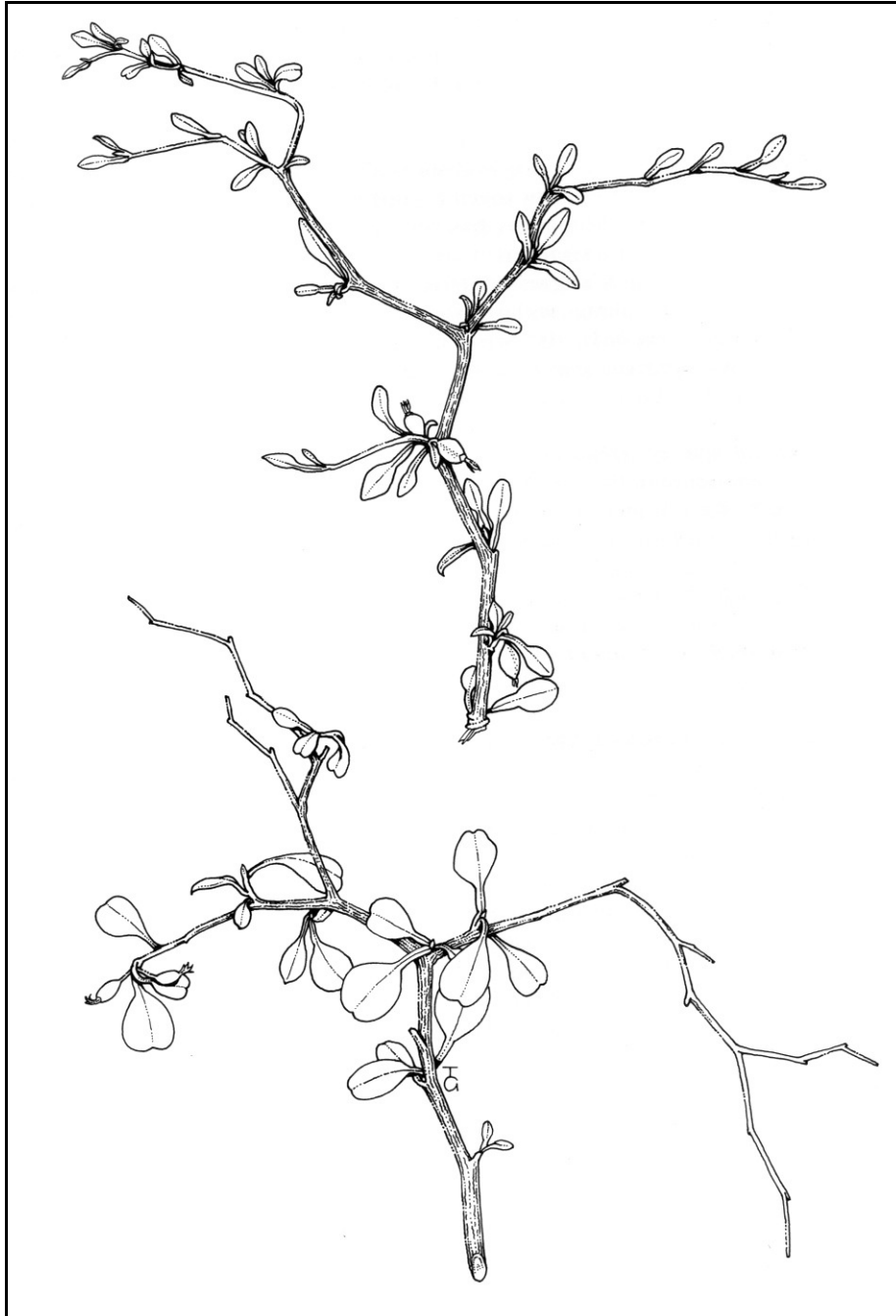
*Aristotelia fruticosa*



***Coprosma intertexta***



***Sophora prostrata***



***Corokia cotoneaster***