

Key to species of *Cyanicula*

1. Labellum prominently three-lobed 2
 2. Leaf oblong, silky hairy, to 25 mm wide *Cyanicula sericea*
 - 2: Leaf linear, sparsely hirsute on margins; usually less than 5 mm wide (rarely 10 mm) 3
 3. Leaf broadly linear, to 10 mm wide, held flat on ground; dorsal sepal 2-5 mm broad; labellum midlobe apex equal to lateral lobes when flattened; lateral lobes prominently clasping column, with inconspicuous irregular transverse blue blotches *Cyanicula amplexans*
 - 3: Leaf narrow linear, to 5 mm wide, usually ascending; dorsal sepal 1-3 mm broad; labellum midlobe apex longer than lateral lobes when flattened; lateral lobes well-spaced from column, with prominent transverse red bands 4
 4. Lateral labellum lobes, when flattened, with a broadly rounded obtuse apex appressed against the sides of the midlobe, lamina striped on a bright blue background; midlobe linear, bluntly acute, with pale blue apical blotches, extending beyond lateral lobes by up to 3 mm when flattened; widely distributed in Tasmania, Victoria, New South Wales and south-east Queensland *Cyanicula caerulea*
 - 4: Lateral labellum lobes, when flattened, with a narrowly rounded obtuse apex held up to 1.5 mm away from the sides of the midlobe, lamina striped on a pale blue to cream background; midlobe narrowly triangular, sharply acute, the apex lacking pale blue blotches and extending beyond lateral lobes by up to 2 mm when flattened; confined to southern Western Australia *Cyanicula aperta*
- 1: Labellum not lobed 5
 5. Petals and sepals lemon yellow, rarely white *Cyanicula ixiooides*
 - 5: Petals and sepals blue, very rarely white 6
 6. Labellum 7-10 mm long, with 8-12 longitudinal blue stripes separated by a median white stripe *Cyanicula gertrudiae*
 - 6: Labellum 5-8 mm long, white usually with a few irregular blue blotches and spots, or with a pale blue apex, rarely uniformly blue 7
 7. Labellum two-coloured, white at the base and pale to dark blue apically; flowers Oct.-Nov. .. 8
 8. Petals and sepals 15-30 mm x 4-8 mm; labellum uniformly dark to pale blue apically; column 7-10 mm x 4-6 mm. *Cyanicula ashbyae*
 - 8: Petals and sepals 11-15 mm x 4-6 mm; labellum pale blue laterally with a white medial stripe apically; column 6-7 mm x 2-3 mm. *Cyanicula nikulinskyae*
 - 7: Labellum white usually with a few irregular blue blotches and spots, rarely uniformly blue; flowers Aug.-Sept. (rarely Oct.) 9
 - 9 Leaf often dull maroon-red below, prominently hirsute with scattered scabrous hairs 1-2 mm long; petals and sepals usually royal blue; labellum transversely oval from above, margins entire *Cyanicula gemmata*
 - 9: Leaf green below, inconspicuously hirsute with sparse hairs less than 1 mm long; petals and sepals pale aqua blue; labellum c. square or parallel-sided from above, margins shortly serrate towards apex *Cyanicula fragrans*