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67 Labellum fleshy, with or without two prominent basal hairs 68

67 Labellum thin-textured with 2 prominent porrect basal hairs 2.5–6 mm long 83

68 Tips of lateral sepals hooked forwards 69

68 Tips of lateral sepals deflexed or curved gently forwards, usually not hooked forwards 70

69 Dorsal sepal with decurved filiform point; proximal flanges of petals meeting and blocking off the base of the galea; labellum not or only partially visible from the side

*Pterostylis hamata*

69 Dorsal sepal with upcurved filiform point; proximal flanges of petals not meeting, leaving a gap in the base of the galea; labellum wholly visible from the side *Pterostylis setifera*

70 Dorsal sepal with a filiform point 3 mm or more long; labellum ovate, ovate-oblong or obovate, 4–7 mm long 71

70 Dorsal sepal with a filiform point 3 mm long or less; labellum oblong, to c. 4 mm long 78

71 Conjoined part of lateral sepals very broad, transverse elliptic to suborbicular, base truncate with sides more or less horizontal 72

71 Conjoined part of lateral sepals relatively narrow, ovate, base obtuse with sides curved downwards 75

72 Labellum ovate to obovate, 4.5–5.5 mm long, 2–2.3 mm wide; hairs on base of lateral sepals short *Pterostylis xerophila*

72 Labellum ovate-oblong, 4–4.5 mm long, c. 1.6 mm wide; hairs on base of lateral sepals quite long 73

73 Flowers dark reddish brown to almost black, often nodding; lateral sepals deeply concave at base *Pterostylis boormanii*

73 Flowers reddish brown with some green on galea, usually porrect; lateral sepals shallowly concave at base 74

74 Lateral sepals with filiform points >15 mm long; labellum more or less ovate, widest near base; mallee scrub in far north-west Victoria *Pterostylis arenicola*

74 Lateral sepals with filiform points <15 mm long; labellum more or less oblong, widest near middle; *Eucalyptus*/*Callitris* woodland near Beechworth in north-east Victoria *Pterostylis* sp. aff. *Boormanii* (Beechworth)

75 Flowers with green and colourless transparent bands; marginal hairs on proximal half of labellum *as long or* longer than labellum *Pterostylis valida*

75 Flowers predominantly brown or a mix of brown, olive and/or green; marginal hairs on proximal half of labellum shorter than labellum 76

76 Labellum without a crown of dense small hairs 77

76 Labellum mound with a crown of dense small hairs. Flowers prominently dark brown; labellum ovate-oblong; filiform point on dorsal sepal 5–6 mm long; *Pterostylis lingua*

77 Labellum with scattering of 4 sparse hairs to 1.5 mm long on prominent basal mound, stony rise grasslands of western Victoria *Pterostylis basaltica*

77 Labellum mound without few or no hairs 78

78 Plant 9 –20 cm tall; labellum 4.8–5.7 mm long, 1.2–2.1 mm wide *Pterostylis jeanesii*

78 Plant 18–58 cm tall; labellum 6.2–7.9 mm long *Pterostylis peakallana*

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83 Scape 8 cm long or less, flowers spreading to deflexed, the free points of the lateral sepals often touching the ground *Pterostylis despectans*

83 Scape usually more than 10 cm tall, flowers spreading to obliquely erect, free points of lateral sepals hanging well clear of the ground 84

84 Flowers brown or a mix of brown, olive and/or green; 85

84 Flowers mostly with green markings and suffusions *Pterostylis planulata*

85 Flowers usually a mix of brown, olive and/or green stripes with translucent white markings; a wide variety of habitats, distinctive upturned labellum, with translucent groves longitudinally in distal half of labellum *Pterostylis biseta*

85 Flowers mostly brown with some colourless 'windows' in the galea, lacking translucent groves longitudinally in labellum 86

86 Rosette leaves to 6 mm wide, labellum up to 3.5 mm wide; riverine woodlands dominated by Black Box (*Eucalyptus largiflorens*) *Pterostylis cheraphila*

86 Rosette leaves to 18 mm wide, labellum 3.5–4.5 mm wide; habitat not as above *Pterostylis maxima*