

Supplementary Material

Morphological and molecular evidence refute a broad circumscription for *Pultenaea glabra* (Fabaceae: Mirbelieae), with implications for taxonomy, biogeography, and conservation

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Table S1

Voucher	Taxon	Molecular data	Morphological data	Specimen details
NSW1058819	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, Track to Dingo Creek south of Deep Pass Trail, 33°21'33.5"S, 150°16'5.5"E, M.A.M. Renner 9176 & J.M. Cohen, 27 Sep 2019.
NSW1058821	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, Track to Dingo Creek south of Deep Pass Trail, 33°21'33.5"S, 150°16'5.5"E, M.A.M. Renner 9177 & J.M. Cohen, 27 Sep 2019.
NSW1058822	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, Track to Dingo Creek south of Deep Pass Trail, 33°21'33.5"S, 150°16'5.5"E, M.A.M. Renner 9178 & J.M. Cohen, 27 Sep 2019.
NSW1058823	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, Track to Dingo Creek south of Deep Pass Trail, 33°21'33.5"S, 150°16'5.5"E, M.A.M. Renner 9179 & J.M. Cohen, 27 Sep 2019.
NSW1058824	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, Track to Dingo Creek south of Deep Pass Trail, 33°21'33.5"S, 150°16'5.5"E, M.A.M. Renner 9180 & J.M. Cohen, 27 Sep 2019.
NSW1058825	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, Track to Dingo Creek south of Deep Pass Trail, 33°21'33.5"S, 150°16'5.5"E, M.A.M. Renner 9181 & J.M. Cohen, 27 Sep 2019.
NSW1058826	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, 33°22'12.4"S, 150°16'20.1"E, M.A.M. Renner 9170 & J.M. Cohen, 27 Sep 2019.
NSW1058827	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, 33°22'12.4"S, 150°16'20.1"E, M.A.M. Renner 9171 & J.M. Cohen, 27 Sep 2019.
NSW1058828	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, 33°22'12.4"S, 150°16'20.1"E, M.A.M. Renner 9172 & J.M. Cohen, 27 Sep 2019.
NSW1058829	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, 33°22'12.4"S, 150°16'20.1"E, M.A.M. Renner 9173 & J.M. Cohen, 27 Sep 2019.
NSW1058830	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, 33°22'12.4"S, 150°16'20.1"E, M.A.M. Renner 9174 & J.M. Cohen, 27 Sep 2019.
NSW1059362	<i>P. sp.</i> Dingo Creek	Yes	Yes	New South Wales: Central Tablelands: Newnes State Forest: Tributary of Dingo Creek at crossing with firetrail, NE side of Newnes Plateau, 33°22'12.4"S, 150°16'20.1"E, M.A.M. Renner 9175 & J.M. Cohen, 27 Sep 2019.
NSW1052821	<i>P. flexilis</i>	Yes	Yes	New South Wales: Central Coast: Hazelbrook, road to dam, Woodford Creek, at intersection with L3c trail, 33°42'47.6"S, 150°28'31.0"E, M.A.M. Renner 9043 & R.L. Barrett, 26 Sep 2018.
NSW1052717	<i>P. sp.</i> Genowlan Point	Yes	Yes	New South Wales: Central Tablelands: Genowlan Point, 33°04'54"S, 150°04'20"E, M.A.M. Renner 9056, 17 Oct 2018.
NSW1052718	<i>P. sp.</i> Genowlan Point	Yes	Yes	New South Wales: Central Tablelands: Genowlan Point, 33°04'54"S, 150°04'20"E, M.A.M. Renner 9057, 17 Oct 2018.
NSW1052719	<i>P. sp.</i> Genowlan Point	Yes	Yes	New South Wales: Central Tablelands: Genowlan Point, 33°04'54"S, 150°04'20"E, M.A.M. Renner 9058, 17 Oct 2018.
NSW1052720	<i>P. sp.</i> Genowlan Point	Yes	Yes	New South Wales: Central Tablelands: Genowlan Point, 33°04'54"S, 150°04'20"E, M.A.M. Renner 9059, 17 Oct 2018.
NSW1052721	<i>P. sp.</i> Genowlan Point	Yes	Yes	New South Wales: Central Tablelands: Genowlan Point, 33°04'54"S, 150°04'20"E, M.A.M. Renner 9060, 17 Oct 2018.
NSW1052722	<i>P. sp.</i> Genowlan Point	Yes	Yes	New South Wales: Central Tablelands: Genowlan Point, 33°04'54"S, 150°04'20"E, M.A.M. Renner 9061, 17 Oct 2018.
NSW1052694	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Tablelands: Bullaburra, below Boronia Road and Boronia Reserve on south side of Great Western Highway, 33°43'48"S, 150°24'52"E, M.A.M. Renner 9044 & L.J. Gray, 6 Oct 2018.
NSW1052712	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Tablelands: Bullaburra, below Boronia Road and Boronia Reserve on south side of Great Western Highway, 33°43'48"S, 150°24'52"E, M.A.M. Renner 9045 & L.J. Gray, 6 Oct 2018.
NSW1052713	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Tablelands: Bullaburra, below Boronia Road and Boronia Reserve on south side of Great Western Highway, 33°43'48"S, 150°24'52"E, M.A.M. Renner 9046 & L.J. Gray, 6 Oct 2018.
NSW1052714	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Tablelands: Bullaburra, below Boronia Road and Boronia Reserve on south side of Great Western Highway, 33°43'48"S, 150°24'52"E, M.A.M. Renner 9047 & L.J. Gray, 6 Oct 2018.
NSW1052715	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Tablelands: Bullaburra, below Boronia Road and Boronia Reserve on south side of Great Western Highway, 33°43'48"S, 150°24'52"E, M.A.M. Renner 9048 & L.J. Gray, 6 Oct 2018.
NSW1052716	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Tablelands: Bullaburra, below Boronia Road and Boronia Reserve on south side of Great Western Highway, 33°43'48"S, 150°24'52"E, M.A.M. Renner 9049 & L.J. Gray, 6 Oct 2018.
NSW1052815	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Coast: Hazelbrook, road to dam, Woodford Creek, at intersection with L3c trail, 33°42'47.9"S, 150°28'31.6"E, M.A.M. Renner 9037 & R.L. Barrett, 26 Sep 2018.

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NSW1052816	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Coast: Hazelbrook, road to dam, Woodford Creek, at intersection with L3c trail, 33°42'48.8"S, 150°28'31.0"E, M.A.M. Renner 9038 & R.L. Barrett, 26 Sep 2018.
NSW1052818	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Coast: Hazelbrook, road to dam, Woodford Creek, at intersection with L3c trail, 33°42'47.6"S, 150°28'31.0"E, M.A.M. Renner 9040 & R.L. Barrett, 26 Sep 2018
NSW1052819	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Coast: Hazelbrook, road to dam, Woodford Creek, at intersection with L3c trail, 33°42'48.3"S, 150°28'30.8"E, M.A.M. Renner 9041 & R.L. Barrett, 26 Sep 2018
NSW1058858	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Tablelands: 3.5 km west of Mt Tomah, 100 m downslope from road., 33°32'48"S, 150°23'13"E, M.A.M. Renner 9160 & L.J. Gray, 1 Oct 2019
NSW1058861	<i>P. glabra</i>	Yes	Yes	New South Wales: Central Tablelands: 3.5 km west of Mt Tomah, 100 m downslope from road., 33°32'48"S, 150°23'13"E, M.A.M. Renner 9161 & L.J. Gray, 1 Oct 2019
NSW1052817	<i>P. glabra</i> x <i>P. flexilis</i>	Yes	Yes	New South Wales: Central Coast: Hazelbrook, road to dam, Woodford Creek, at intersection with L3c trail, 33°42'47"S, 150°28'31"E, M.A.M. Renner 9039 & R.L. Barrett, 26 Sep 2018
NSW1052820	<i>P. glabra</i> x <i>P. flexilis</i>	Yes	Yes	New South Wales: Central Coast: Hazelbrook, road to dam, Woodford Creek, at intersection with L3c trail, 33°42'47"S, 150°28'31"E, M.A.M. Renner 9042 & R.L. Barrett, 26 Sep 2018
NSW1052822	<i>P. glabra</i> x <i>P. flexilis</i>	Yes	Yes	New South Wales: Central Coast: Hazelbrook, road to dam, Woodford Creek, at intersection with L3c trail, 33°42'47"S, 150°28'31"E, M.A.M. Renner s.n. & R.L. Barrett, 26 Sep 2018
NSW1052688	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: North Western Slopes: Lees Pinch, off Wollara Road; track to Lookout then south around base of outcrop, 32°18'11"S, 150°03'2"E, M.A.M. Renner 9055, 16 Oct 2018.
NSW1052689	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: North Western Slopes: Lees Pinch, off Wollara Road; track to Lookout then south around base of outcrop, 32°18'11"S, 150°03'2"E, M.A.M. Renner 9053, 16 Oct 2018.
NSW1052690	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: North Western Slopes: Lees Pinch, off Wollara Road; track to Lookout then south around base of outcrop, 32°18'11"S, 150°03'2"E, M.A.M. Renner 9054, 16 Oct 2018.
NSW1052691	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: North Western Slopes: Lees Pinch, off Wollara Road; track to Lookout then south around base of outcrop, 32°18'11"S, 150°03'2"E, M.A.M. Renner 9052, 16 Oct 2018.
NSW1052692	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: North Western Slopes: Lees Pinch, off Wollara Road; track to Lookout then south around base of outcrop, 32°18'11"S, 150°03'2"E, M.A.M. Renner 9051, 16 Oct 2018.
NSW1052693	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: North Western Slopes: Lees Pinch, off Wollara Road; track to Lookout then south around base of outcrop, 32°18'11"S, 150°03'2"E, M.A.M. Renner 9050, 16 Oct 2018.
NSW1058848	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: Central Tablelands: Mt Irvine, cemetery on Danes Way, 33°29'8.8"S, 150°26'58.5"E, M.A.M. Renner 9154 & L.J. Gray, 1 Oct 2019
NSW1058852	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: Central Tablelands: Mt Irvine, cemetery on Danes Way, 33°29'8.8"S, 150°26'58.1"E, M.A.M. Renner 9155 & L.J. Gray, 9155, 1 Oct 2019
NSW1058853	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: Central Tablelands: Mt Irvine, 60 m up road north from Irvine cemetery, 33°29'7.5"S, 150°27'0.9"E, M.A.M. Renner 9156 & L.J. Gray, 1 Oct 2019
NSW1058855	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: Central Tablelands: Mt Irvine, vicinity of the cemetery on Danes Way, 33°29'6.3"S, 150°27'3.6"E, M.A.M. Renner 9157 & L.J. Gray, 1 Oct 2019
NSW1058856	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: Central Tablelands: Mt Irvine, vicinity of the cemetery on Danes Way, 33°29'7.7"S, 150°27'0.0"E, M.A.M. Renner 9158 & L.J. Gray, 1 Oct 2019
NSW1058857	<i>P. sp.</i> Lees Pinch	Yes	Yes	New South Wales: Central Tablelands: Mt Irvine, vicinity of the cemetery on Danes Way, 33°29'11.9"S, 150°26'59.1"E, M.A.M. Renner 9159 & L.J. Gray, 1 Oct 2019
NSW1058831	<i>P. sp.</i> Newnes	Yes	Yes	New South Wales: Central Tablelands: Wolgan Valley, track to Glow Worm tunnel, from Wolgan Valley Road via Old Coach Road, 33°13'40.3"S, 150°14'1.3"E, M.A.M. Renner 9162, 7 Oct 2019
NSW1058832	<i>P. sp.</i> Newnes	Yes	Yes	New South Wales: Central Tablelands: Wolgan Valley, track to Glow Worm tunnel, from Wolgan Valley Road via Old Coach Road, 33°13'45.7"S, 150°14'3.4"E, M.A.M. Renner 9163, 7 Oct 2019
NSW1058833	<i>P. sp.</i> Newnes	Yes	Yes	New South Wales: Central Tablelands: Eastern side of Canobola Creek, on ledge 200 m above stream bed, 33°08'37.2"S, 150°13'43.1"E, M.A.M. Renner 9164 & S. Clarke, 10 Oct 2019
NSW1058834	<i>P. sp.</i> Newnes	Yes	Yes	New South Wales: Central Tablelands: Eastern side of Canobola Creek, on ledge 200 m above stream bed, 33°08'36.0"S, 150°13'47.1"E, M.A.M. Renner 9165 & S. Clarke, 10 Oct 2019
NSW1058835	<i>P. sp.</i> Newnes	Yes	Yes	New South Wales: Central Tablelands: Eastern side of Canobola Creek, on ledge 200 m above stream bed, 33°08'39.8"S, 150°13'50.6"E, M.A.M. Renner 9166 & S. Clarke, 10 Oct 2019
NSW1058836	<i>P. sp.</i> Newnes	Yes	Yes	New South Wales: Central Tablelands: Eastern side of Canobola Creek, on ledge 200 m above stream bed, 33°08'36.3"S, 150°13'49.0"E, M.A.M. Renner 9167 & S. Clarke, 10 Oct 2019

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NSW1058837	<i>P. sp. Newnes</i>	Yes	Yes	New South Wales: Central Tablelands: Eastern side of Canobola Creek, on ledge 200 m above stream bed, 33°08'36.3"S, 150°13'49.0"E, M.A.M. Renner 9168 & S. Clarke, 10 Oct 2019
NSW1058838	<i>P. sp. Newnes</i>	Yes	Yes	New South Wales: Central Tablelands: Eastern side of Canobola Creek, on ledge 200 m above stream bed, 33°08'26.4"S, 150°13'43.3"E, M.A.M. Renner 9169 & S. Clarke, 10 Oct 2019
NSW933340	<i>P. sp. Newnes</i>	Yes	Yes	New South Wales: Central Tablelands: ~1.5 km N of Newnes, ~23 km E of Capertee, divide between Little Capertee and Canobla Creeks, 33°09'44.4"S, 150°14'8.3"E, S. Clarke 687, 14 Oct 2015
NSW934283	<i>P. sp. Newnes</i>	Yes	No	New South Wales: Central Tablelands: Wollemi National Park, ~30 km N of Lithgow, ~5 km S of Newnes. Cliffs flanking western side of Wolgan Valley, 33°13'03.5"S, 150°12'34.6"E, 30 Sep 2015, S. Clarke 671.
NSW934284	<i>P. sp. Newnes</i>	Yes	No	New South Wales: Central Tablelands: Wollemi National Park, ~30 km N of Lithgow, ~5 km S of Newnes. Cliffs flanking western side of Wolgan Valley, 33°13'03.5"S, 150°12'34.6"E, 30 Sep 2015, S. Clarke 670.
NSW934285	<i>P. sp. Newnes</i>	Yes	Yes	New South Wales: Central Tablelands: ~30 km N of Lithgow, ~5 km S of Newnes, cliffs flanking western side of Wolgan Valley, 33°13'3.5"S, 150°12'34.6"E, S. Clarke 669, 30 Sep 2015
NSW934286	<i>P. sp. Newnes</i>	Yes	No	New South Wales: Central Tablelands: Wollemi National Park, ~30 km N of Lithgow, ~4.5 km SW of Newnes. Gully draining narrow divide between Wolgan and Capertee valleys, 33°12'25.4"S, 150°11'52.8"E, 30 Sep 2015, S. Clarke 672
NSW934287	<i>P. sp. Newnes</i>	Yes	No	New South Wales: Central Tablelands: Wollemi National Park, ~30 km N of Lithgow, ~4.5 km SW of Newnes. Gully draining narrow divide between Wolgan and Capertee valleys, 33°12'25.4"S, 150°11'52.8"E, 30 Sep 2015, S. Clarke 673
NSW934288	<i>P. sp. Newnes</i>	Failed	Yes	New South Wales: Central Tablelands: ~30 km N of Lithgow, ~4.5 km SW of Newnes, gully draining narrow divide between Wolgan and Capertee valleys, 33°12'25.4"S, 150°11'52.8"E, S. Clarke 674, 30 Sep 2015
NSW1052790	<i>P. sp. Nullo Mountain</i>	Yes	Yes	New South Wales; Central Tablelands: Nullo Mountain, west of 2515 Nullo Mountain Road, narrow ridges above Lees Creek catchment, 32°40'10.5"S, 150°11'58.6"E, M.A.M. Renner 9029, R.L. Barrett, J.M. Allen, H.G. Washington, 24 Sep 2018
NSW1052798	<i>P. sp. Nullo Mountain</i>	Yes	Yes	New South Wales; Central Tablelands: Nullo Mountain, west of 2515 Nullo Mountain Road, narrow ridges above Lees Creek catchment, 32°40'10.5"S, 150°11'58.6"E, M.A.M. Renner 9030, R.L. Barrett, J.M. Allen, H.G. Washington, 24 Sep 2018
NSW1052799	<i>P. sp. Nullo Mountain</i>	Yes	Yes	New South Wales, Central Tablelands, Wollemi National Park, Nullo Mountain, west of 2515 Nullo Mountain Road, narrow ridges above Lees Creek, 925 m, 32°40'11.9"S, 150°11'58.0"E, 24 Sep 2018, M.A.M. Renner 9031, R.L. Barrett, J.M. Allen & H.G. Washington
NSW1052800	<i>P. sp. Nullo Mountain</i>	Yes	Yes	New South Wales; Central Tablelands: Nullo Mountain, west of 2515 Nullo Mountain Road, narrow ridges above Lees Creek catchment, 32°40'10.5"S, 150°11'58.6"E, M.A.M. Renner 9032, R.L. Barrett, J.M. Allen, H.G. Washington, 24 Sep 2018
NSW1052801	<i>P. sp. Nullo Mountain</i>	Yes	Yes	New South Wales; Central Tablelands: Nullo Mountain, west of 2515 Nullo Mountain Road, narrow ridges above Lees Creek catchment, 32°40'10.5"S, 150°11'58.6"E, M.A.M. Renner 9033, R.L. Barrett, J.M. Allen, H.G. Washington, 24 Sep 2018
NSW1052802	<i>P. sp. Nullo Mountain</i>	Yes	Yes	New South Wales; Central Tablelands: Nullo Mountain, west of 2515 Nullo Mountain Road, narrow ridges above Lees Creek catchment, 32°40'10.5"S, 150°11'58.6"E, M.A.M. Renner 9034, R.L. Barrett, J.M. Allen, H.G. Washington, 24 Sep 2018
NSW1052810	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: Olinda, Coricudgy Road, 32°51'20.8"S, 150°12'30.9"E, M.A.M. Renner 9036, R.L. Barrett, J.M. Allen & H.G. Washington, 26 Sep 2018
NSW853576	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~7 km south-east of Olinda, ~4 km south of Kandos Weir, 32°51'50.8"S, 150°12'36.5"E, S. Clarke 522, 1 Sep 2013
NSW853598	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~6 km south-east of Olinda, ~3.5 km south of Kandos Weir, 32°51'45.5"S, 150°12'3.8"E, S. Clarke 531, 1 Sep 2013
NSW853639	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands, Wollemi National Park, ~8.5 km north-east of Olinda, ~3 km north-east of Kandos Weir, 722 m, 32°49'23.4"S 150°13'34.0"E, 14 Sep 2013, S. Clarke 544
NSW853649	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: Wollemi National Park, ~4.5 km south-east of Olinda, ~5 km south of Kandos Weir, 32°52'23.4"S, 150°11'51.4"E, 15 Sep 2013, S. Clarke 550
NSW853651	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~4.5 km south-east of Olinda, ~5 km south of Kandos Weir, 32°52'23.4"S, 150°11'51.4"E, S. Clarke 552, 15 Sep 2015
NSW883643	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~6 km SE of Olinda, 20 km E of Kandos, 2.5 km NE of 'Dunville' homestead, ridge above Teatree Creek, 32°53'1.9"S, 150°10'11.5"E, S. Clarke 593, 27 Sep 2014
NSW883653	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~5 km SE of Olinda, ~20 km E of Kandos, on ridge between Towinghiny Creek and Teatree Creek, 32°52'34.8"S, 150°10'28.4"E, S. Clarke 582, 20 Sep 2014
NSW931249	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~7 km SE of Olinda, 22 km E of Kandos, ridge between Towinghiny Creek and Teatree Creek, 32°52'58.6"S, 150°11'15.0"E, S. Clarke 591, 27 Sep 2014
NSW977225	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~4 km north of Olinda, ~1 km west of Nullo Mountain Road, 32°48'0.9"S, 150°09'18.2"E, S. Clarke 374, 26 Apr 2013
NSW977233	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~3.5–4 km north of Olinda, ~1 km west of Nullo Mountain Road, 32°48'7.7"S, 150°09'11.8"E, 26 Apr 2013, S. Clarke 382

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NSW977287	<i>P. sp. Olinda</i>	No	Yes	New South Wales: Central Tablelands: Currant Mountain Gap, ~4.5 km ESE of Olinda, ~200 m N of Narrango Road, 32°51'16.6"S, 150°11'45.4"E, S. Clarke 417, 13 Jun 2013,
NSW977519	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~11 km NE of Rylstone, 1 km E of Cox's Crown, 1 km N of Cox's Creek Road, 32°44'37.9"S, 150°04'21.4"E, S. Clarke 493, 1 Aug 2013
NSW977520	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~11 km NE of Rylstone, 1 km E of Cox's Crown, 1 km N of Cox's Creek Road, 32°44'37.9"S, 150°04'21.4"E, S. Clarke 494, 1 Aug 2013
NSW977523	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~11 km NE of Rylstone, ~1.5 km E of Cox's Crown, ~1 km N of Cox's Creek Road, 32°44'40.4"S, 150°04'31.3"E, S. Clarke 497, 1 Aug 2013
NSW977524	<i>P. sp. Olinda</i>	Yes	Yes	New South Wales: Central Tablelands: ~12 km NE of Rylstone, ~2 km E of Cox's Crown, ~1.5 km N of Cox's Creek Road, 32°44'31.6"S, 150°04'50.8"E, S. Clarke 498, 1 Aug 2013
NSW470120	<i>P. sp. Shadowgraph Bluff</i>	No	Yes	New South Wales: Central Tablelands: 1/4 mile [~400 m] below Shadowgraph Bluff-Hollander's Ck, 15 Aug 1970, T. & S. Whaite 3455
NSW37200	<i>P. weindorferi</i>	No	Yes	Victoria: Wandin, 37°46'S, 145°25'E, G. Weindorfer s.n., Oct 1904
NSW424887	<i>P. weindorferi</i>	No	Yes	Victoria: Wandin (~43 km E of Melbourne), 37°46'S, 145°25'E, P.R.H. St John s.n., 11 Oct 1907
NSW624271	<i>P. weindorferi</i>	No	Yes	Victoria: camp road on road to Tonumbruk; E.A. Chesterfield 3228, 18 Oct 1990.
NSW624283	<i>P. weindorferi</i>	No	Yes	Victoria: Eastern Highlands, Kinglake National Park, ~1 km NW of Mt Everard, at end of track that leaves W side of Mount Everard to Mount Beggary track ~1.5 km S of Mount Beggary, 37°34'S, 145°19'E, M.G. Corrick 11489, 28 Dec 1996
NSW831384	<i>P. weindorferi</i>	No	Yes	Victoria: Eastern Highlands, Tynong North, Button grass walking track near the intersection of Camp Road and the Gembrook-Tonimbuk Road, 37°59'55"S, 145°42'E, J.A. Jeanes 1803, G. Lay & D. Wilson, 29 Nov 2007
NSW1058839	<i>P. sp. Wolgan Cliffs</i>	Failed	Yes	New South Wales: Central Tablelands: Ben Bullen State Forest: Cliff-line on western side of Wolgan Valley, east of Bicentennial National Trail, ~8–10 m below cliff top on ledge below band of Mt York claystone., 33°15'53.2"S, 150°05'59.7"E, M.A.M. Renner 9182 & S. Clarke, 31 Oct 2019.
NSW1058840	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: Ben Bullen State Forest: Cliff-line on western side of Wolgan Valley, east of Bicentennial National Trail, ~8–10 m below cliff top on ledge below band of Mt York claystone., 33°15'53.2"S, 150°05'59.7"E, M.A.M. Renner 9183 & S. Clarke, 31 Oct 2019.
NSW1058841	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: Ben Bullen State Forest: Cliff-line on western side of Wolgan Valley, east of Bicentennial National Trail, ~8–10 m below cliff top on ledge below band of Mt York claystone., 33°15'53.2"S, 150°05'59.7"E, M.A.M. Renner 9184 & S. Clarke, 31 Oct 2019.
NSW1058842	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: Ben Bullen State Forest: Cliffline on western side of Wolgan Valley, east of Bicentennial National Trail, ~25–30 m below cliff top on ledge below band of Mt York claystone., 33°15'4.4"S, 150°06'50.8"E, M.A.M. Renner 9185 & S. Clarke, 31 Oct 2019.
NSW1058844	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: Ben Bullen State Forest: Cliffline on western side of Wolgan Valley, east of Bicentennial National Trail, ~25–30 m below cliff top on ledge below band of Mt York claystone., 33°15'4.4"S, 150°06'50.8"E, M.A.M. Renner 9186 & S. Clarke, 31 Oct 2019.
NSW1058845	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: Ben Bullen State Forest: Cliffline on western side of Wolgan Valley, east of Bicentennial National Trail, ~25–30 m below cliff top on ledge below band of Mt York claystone., 33°15'4.4"S, 150°06'50.8"E, M.A.M. Renner 9187 & S. Clarke, 31 Oct 2019.
NSW933326	<i>P. sp. Wolgan Cliffs</i>	Failed	Yes	New South Wales: Central Tablelands: ~18 km N of Lithgow, ~14 km E of Cullen Bullen, pagoda ridge above un-named tributary of Carne Creek, 33°18'19.0"S, 150°11'9.1"E, S. Clarke 711, 21 Oct 2015.
NSW933327	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: ~18 km N of Lithgow, ~14 km E of Cullen Bullen, pagoda ridge above un-named tributary of Carne Creek, 33°18'19.0"S, 150°11'9.1"E, S. Clarke 711, 21 Oct 2015.
NSW933328	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: ~23.5 km N of Lithgow, ~18.5 km E of Cullen Bullen. Eastern side of ridge in gully running into un-named tributary of Carne Creek, Gardens of Stone National Park, 33°17'23.3"S, 150°10'53.1"E, S. Clarke 709, 21 Oct 2015.
NSW933329	<i>P. sp. Wolgan Cliffs</i>	Failed	Yes	New South Wales: Central Tablelands: ~23.5 km N of Lithgow, ~18.5 km E of Cullen Bullen, eastern side of ridge in gully running into un-named tributary of Carne Creek, 33°17'23.3"S, 150°10'53.1"E, S. Clarke 708, 21 Oct 2015.
NSW933332	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: Gardens of Stone National Park: ~21 km N of Lithgow, ~14 km E of Cullen Bullen, eastern flanks of Sunnyside Ridge in steep gully running into un-named tributary of Carne Creek, 33°17'28.2"S, 150°10'47.8"E, S. Clarke 705, 21 Oct 2015.
NSW933334	<i>P. sp. Wolgan Cliffs</i>	Yes	Yes	New South Wales: Central Tablelands: Gardens of Stone National Park: ~21 km N of Lithgow, ~14 km E of Cullen Bullen, eastern flanks of Sunnyside Ridge in steep gully running into un-named tributary of Carne Creek, 33°17'28.2"S, 150°10'47.8"E, S. Clarke 703, 21 Oct 2015

Table S2

		<i>Pultenaea glabra</i>	<i>Pultenaea glabra</i>	<i>Pultenaea glabra</i>	<i>Pultenaea</i> sp. Dingo Creek	<i>Pultenaea</i> sp. Dingo Creek	<i>Pultenaea</i> sp. Wolgan Cliffs	<i>Pultenaea</i> sp. Wolgan Cliffs	<i>Pultenaea</i> sp. Wolgan Cliffs	<i>Pultenaea</i> sp. Newnes	<i>Pultenaea</i> sp. Newnes	<i>Pultenaea</i> sp. Newnes	<i>Pultenaea</i> sp. Lee's Pinch	<i>Pultenaea</i> sp. Lee's Pinch	<i>Pultenaea</i> flexilis	<i>Pultenaea</i> sp. Olinda	<i>Pultenaea</i> sp. Genowlan Point	<i>Pultenaea</i> sp. Nullo Mountain
		Bullaburra	Woodford Creek	Mt Tomah	Deep Pass Trail	Newnes Plateau	West Wolgan Valley	Cameron's Point	East Wolgan Valley	Barton Creek catchment	Glow Worm Tunnel	Canobola Creek catchment	Mt Irvine	Lee's Pinch	Woodford Creek	Olinda	Genowlan Point	Nullo Mountain
<i>Pultenaea glabra</i>	Bullaburra	0	0.05030824	0.191592	0.38164514	0.38179973	0.48222086	0.4722326	0.47879447	0.54642124	0.52100111	0.55769539	0.5407834	0.6088197	0.5586183	0.5091714	0.5834393	0.6608326
<i>Pultenaea glabra</i>	Woodford Creek	0.05030824	0	0.116958	0.29469553	0.29637352	0.3448544	0.34675136	0.35949997	0.41463799	0.3853898	0.39382204	0.4092798	0.4932636	0.3097962	0.4156621	0.4711963	0.5522203
<i>Pultenaea glabra</i>	Mt Tomah	0.19159196	0.11695799	0	0.2813966	0.28310597	0.45117451	0.43316948	0.42079833	0.49967737	0.47235576	0.51827317	0.4992049	0.5887508	0.530175	0.46589	0.555079	0.6616382
<i>Pultenaea</i> sp. Dingo Creek	Deep Pass Trail	0.38164514	0.29469553	0.2813966	0	0.02252373	0.38185037	0.37768049	0.38007995	0.4742086	0.44067327	0.46828703	0.4660007	0.552281	0.5018532	0.4585442	0.5282442	0.6142546
<i>Pultenaea</i> sp. Dingo Creek	Newnes Plateau	0.38179973	0.29637352	0.283106	0.02252373	0	0.388286	0.3757608	0.37877772	0.47948314	0.44626834	0.47351051	0.4695372	0.5529819	0.5045104	0.4631224	0.5343858	0.6168404
<i>Pultenaea</i> sp. Wolgan Cliffs	West Wolgan Valley	0.48222086	0.3448544	0.4511745	0.38185037	0.388286	0	0.10070982	0.09822561	0.47668484	0.45305623	0.50676497	0.4886042	0.5710193	0.5990396	0.4386552	0.5294594	0.6426205
<i>Pultenaea</i> sp. Wolgan Cliffs	Cameron's Point	0.4722326	0.34675136	0.4331695	0.37768049	0.3757608	0.10070982	0	0.09115667	0.47274571	0.4493657	0.48840466	0.4841811	0.5645054	0.5511089	0.4392178	0.5280877	0.627146
<i>Pultenaea</i> sp. Wolgan Cliffs	East Wolgan Valley	0.47879447	0.35949997	0.4207983	0.38007995	0.37877772	0.09822561	0.09115667	0	0.47422786	0.45212659	0.47417367	0.4845844	0.5675466	0.508637	0.4506787	0.5323415	0.6295047
<i>Pultenaea</i> sp. Newnes	Barton Creek catchment	0.54642124	0.41463799	0.4996774	0.4742086	0.47948314	0.47668484	0.47274571	0.47422786	0	0.08109172	0.11960145	0.1679351	0.3640986	0.3732413	0.3504258	0.4112659	0.5120644
<i>Pultenaea</i> sp. Newnes	Glow Worm Tunnel	0.52100111	0.3853898	0.4723558	0.44067327	0.44626834	0.45305623	0.4493657	0.45212659	0.08109172	0	0.05692444	0.1148357	0.3189863	0.3542084	0.3286144	0.3867667	0.4947939
<i>Pultenaea</i> sp. Newnes	Canobola Creek catchment	0.55769539	0.39382204	0.5182732	0.46828703	0.47351051	0.50676497	0.48840466	0.47417367	0.11960145	0.05692444	0	0.1626444	0.3760014	0.4251249	0.3298877	0.4189046	0.5599589
<i>Pultenaea</i> sp. Lee's Pinch	Mt Irvine	0.54078342	0.40927979	0.4992049	0.46600073	0.46953718	0.48860424	0.48418111	0.48458442	0.16793507	0.11483571	0.16264438	0	0.3691052	0.3886528	0.3641241	0.4257392	0.5350511
<i>Pultenaea</i> sp. Lee's Pinch	Lee's Pinch	0.60881974	0.49326356	0.5887508	0.55228104	0.5529819	0.57101927	0.56450545	0.56754656	0.36409861	0.3189863	0.37600141	0.3691052	0	0.5139693	0.4129611	0.4615264	0.5576634
<i>Pultenaea</i> flexilis	Woodford Creek	0.55861835	0.30979618	0.530175	0.50185319	0.50451035	0.59903962	0.55110887	0.50863704	0.37324131	0.35420837	0.42512489	0.3886528	0.5139693	0	0.3731772	0.4876886	0.6314578
<i>Pultenaea</i> sp. Olinda	Olinda	0.50917144	0.41566215	0.46589	0.45854416	0.46312236	0.4386552	0.4392178	0.45067867	0.35042585	0.32861436	0.32988765	0.3641241	0.4129611	0.3731772	0	0.2812817	0.3873193
<i>Pultenaea</i> sp. Genowlan Point	Genowlan Point	0.58343933	0.47119626	0.555079	0.52824425	0.5343858	0.52945941	0.52808771	0.53234154	0.41126594	0.38676666	0.41890463	0.4257392	0.4615264	0.4876886	0.2812817	0	0.2510791
<i>Pultenaea</i> sp. Nullo Mountain	Nullo Mountain	0.66083258	0.55222035	0.6616382	0.61425457	0.61684045	0.64262055	0.62714598	0.6295047	0.51206437	0.49479391	0.55995894	0.5350511	0.5576634	0.6314578	0.3873193	0.2510791	0