

Supplementary material

Determining the position of *Diomocoris*, *Micromimetes* and *Taylorilygus* in the *Lygus*-complex based on molecular data and first records of *Diomocoris* and *Micromimetes* from Australia, including four new species (Insecta : Hemiptera : Miridae : Mirinae)

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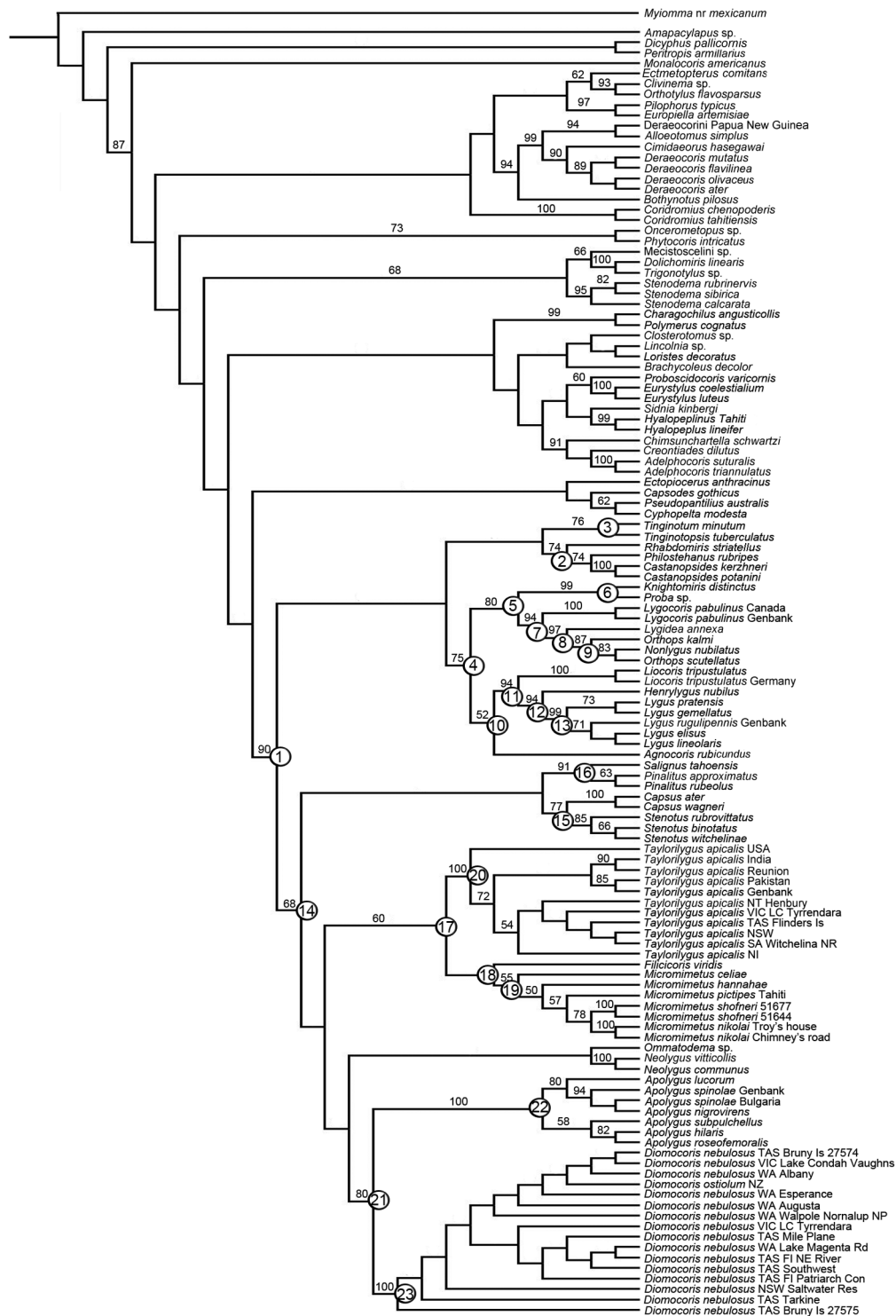


Fig. S1. RAxML tree for the dataset with 124 taxa.

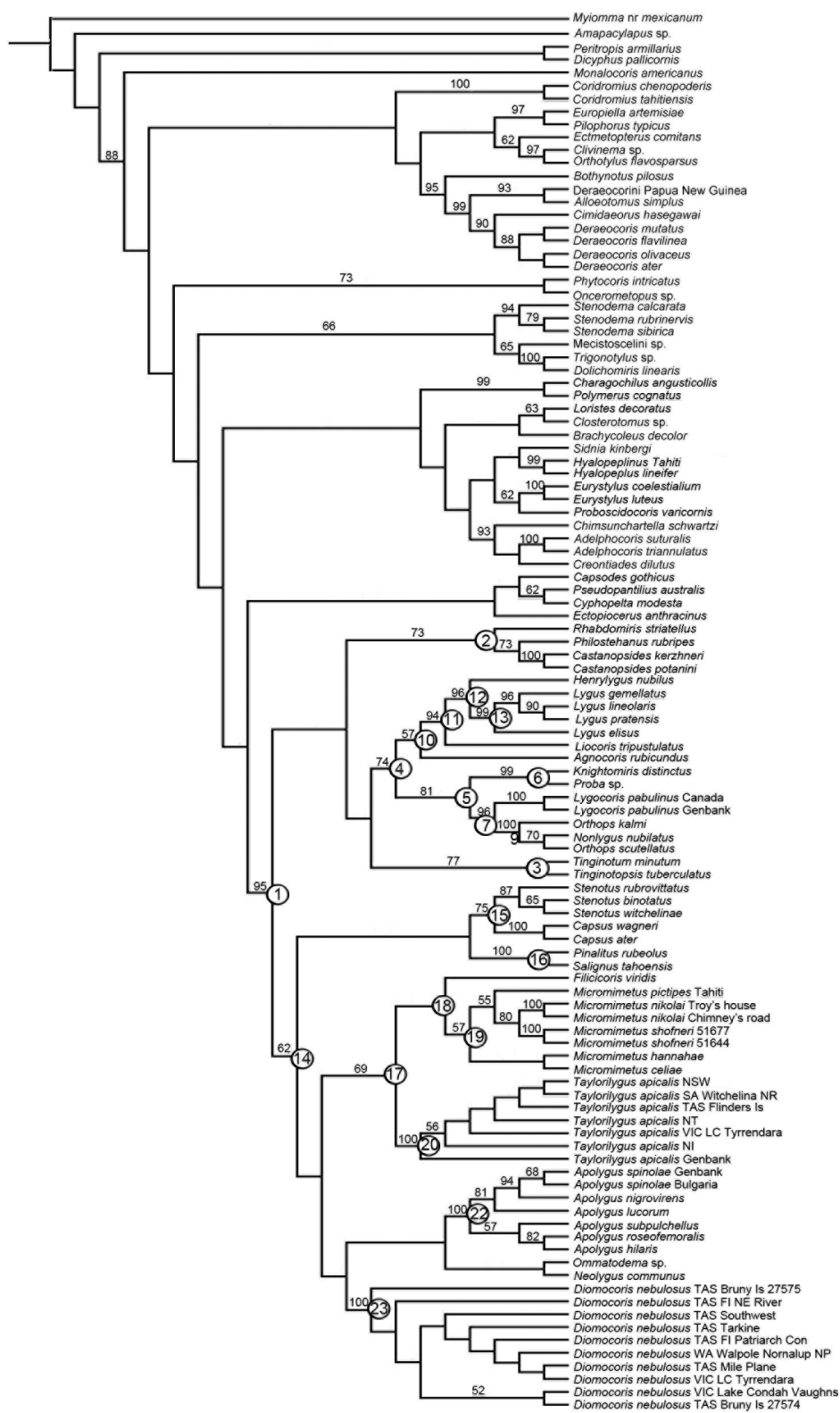


Fig. S2. RAxML tree for the dataset with 108 taxa.

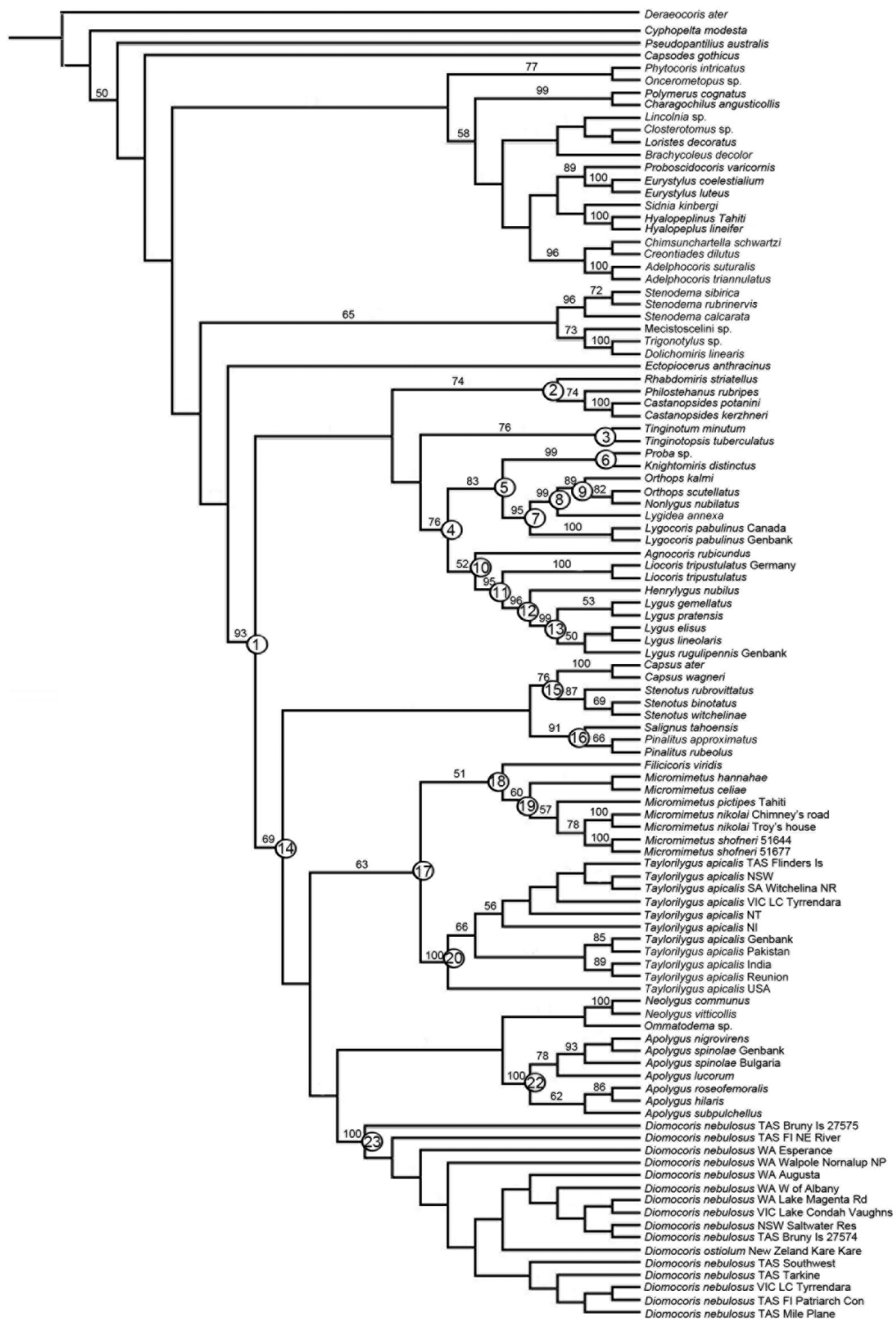


Fig. S3. RAxML tree for the dataset with 105 taxa.

Full data on the specimens examined

Diomocoris nebulosus (Poppius, 1914)

AUSTRALIA: Australian Capital Territory: Tidbinbilla Nature Reserve, 25 km SW of Canberra, 35.46414°S 148.9083°E, 770 m, 11 Feb 1984, W. Middlekauff, *Bursaria* sp. (Pittosporaceae), 1♀ (AMNH_PBI 00242761) (CAS). **New South Wales:** 0.5 km SE of Lansdowne, 33.89949°S 150.97578°E, 12 Nov 1990, G. Williams, *Acmena smithii* (Poir.) Merr. & L.M. Perry (Myrtaceae), 1♂ (UNSW_ENT 00044752), 1♀ (UNSW_ENT 00044753) (AM). 1 km W of Sth Durras Northend Road, 35.66584°S 150.25846°E, 05 Oct 1985, G. Cassis, 1♂ (UNSW_ENT 00044710) (AM). 3 km NE of Harrington, 31.858°S 152.72°E, 28 Oct 1990, G. Williams, *Scolopia braunii* (Salicaceae), 1♂ (UNSW_ENT 00044721) (AM); 26 Nov 1990, G. Williams, *Ozothamnus diosmifolius* (Vent.) DC. (Asteraceae), det. field ID NSW 396003, 1♀ (UNSW_ENT 00044693) *Guioa semiglauca* (Sapindaceae), 1 male and 1 female (UNSW_ENT 00044720) (AM). 3 km N of Lansdowne, 33.86814°S 150.97436°E, 20 NOV 1990, G. Williams, *Rhodomyrtus psidioides* (G.Don) Benth. (Myrtaceae), 1♀ (UNSW_ENT 00044744) (AM); 02 NOV 1990, G. Williams, *Schizomeria ovata* (Cunoniaceae), 2♂ (UNSW_ENT 00044740, UNSW_ENT 00044741), 2♀ (UNSW_ENT 00044742, UNSW_ENT 00044743) (AM). 3 km N of Lansdowne, via Taree, 31.757°S 152.534°E, 29 NOV 1991, G. Williams, *Waterhousea floribunda* (K. Schum. & Lauterb.) B. Hyland (Myrtaceae), 1♂ (UNSW_ENT 00044758) (AM). 3 km N of Lansdowne, 31.75741°S 152.53263°E, 18 Sep 1991, G. Williams, 1♂ (UNSW_ENT 00044709) (AM); 19 Sep 1993, G. Williams, *Acradenia euodiiformis* (F. Muell.) T.G. Hartley (Rutaceae), 1♂ (UNSW_ENT 00044757) (AM). 4 km NNW Lansdowne, 33.865°S 150.951°E, 06 FEB 1992, G. Williams, *Alphitonia excelsa* (Fenzl) Benth. (Rhamnaceae), 1♀ (UNSW_ENT 00044745) (AM). 4 km NNW of Lansdowne, 33.865°S 150.951°E, 13 Feb 1992, G. Williams, *Alphitonia excelsa* (Fenzl) Benth. (Rhamnaceae), 1♀ (UNSW_ENT 00044754) (AM). 4 mi N Eden, 37.00546°S 149.90214°E, 150 m, 15 Dec 1962, E.S. Ross & D.Q. Cavagnaro, 1 sex unknown (UNSW_ENT 00044700) (CAS). 37 km W of Retreat (20 km E of Manilla), 30.66667°S 150.8°E, 450 m, 24 Oct 1995, Schuh and Cassis, *Notelaea microcarpa* R. Br. (Oleaceae), det. Field ID, 1♀ (UNSW_ENT 00044691) (AM). Ashton Park, 33.84819°S 151.24394°E, 3 m, 09 Nov 1958, C. E. Chadwick, 1♀ (UNSW_ENT 00044686) (AM). Bellevue Hill, 33.88664°S 151.25792°E, 1700, M. J. Watt, 1♂ (UNSW_ENT 00044705) (AM). Ben Boyd National Park, Green Cape, 37.28334°S 150.05°E, 50 m, 09 Nov 1995, Schuh and Cassis, *Leptospermum* sp. (Myrtaceae), 1♂ (UNSW_ENT 00044297) (AM). Bola Creek Royal National Park, 34.14144°N 151.03011°E, 25 Dec 2001, M. D. Schwartz, 1♂ (UNSW_ENT 00044704) (AM). Booti Booti NP, 32.27972°S 152.52444°E, 25 May 1998, L. Wilkie, *Acacia longifolia* (Andrews) Willd. (Fabaceae), 1♂ (UNSW_ENT 00045194) (AM); 09 Oct 1997, L. Wilkie, *Monotoca elliptica* (Sm.) R.Br. (Ericaceae), det. null NULL, 1♂ (UNSW_ENT 00045195) (AM). Booti Booti National Park, 32.26916°S 152.52366°E, 09 Oct 1997, L. Wilkie, 1 sex unknown (UNSW_ENT 00044698) (AM). Booti Booti National Park, jct Lakes Way and Green Point, 32.33334°S 152.5333°E, 5 m, 21 Oct 1995, Schuh and Cassis, *Melaleuca nodosa* (Sol. ex Gaertn.) Sm. (Myrtaceae), det. P.G. Wilson 1996 NSW 395914, 1♂ (UNSW_ENT 00045196) (AM). Botany Bay, 34.01657°S 151.22799°E, 35 m, no date provided, H. Petersen, 1♀ (AMNH_PBI 00117744) (USNM). Brooklyn, 33.54847°S 151.22601°E, 15 Sep 1968, C. E. Chadwick, 1♂ (UNSW_ENT 00044703) (AM). Broulee 7mls NE of Moruya, 35.85343°S 150.16196°E, 10 Apr 1966, M.S. Upton, 1 sex unknown (UNSW_ENT 00044697) (AM). Cawai-Kempsey, 03 JAN 1963, P. Aitken, 2 sex unknown (UNSW_ENT 00045061, UNSW_ENT 00045062) (SAMA). Comerong Island near Nowra, 34.87869°S 150.7336°E, 16 May 1971, C. E. Chadwick, *Leptospermum laevigatum* (Gaertn.) F. Muell. (Myrtaceae), 1♀ (UNSW_ENT 00044688) (AM). Cooper Park, Bellevue Hill, 33.89°S 151.251°E, -, Unknown, 1 female and 1 sex unknown (UNSW_ENT 00044910) (AM). Cuttage Lk. Bermagui, 16 FEB 1986, D. Bickel, 1♂ (UNSW_ENT 00044729), 1♀ (UNSW_ENT 00044730) (AM). Dorrigo, 30.3402°S 152.71235°E, 914 m, no date provided, N. Heron, 1♀ (AMNH_PBI 00392921) (AMNH). E of Taree, Manning Point, 31.89443°S 152.65892°E, 03 NOV 1990, G. Williams, 1♀ (UNSW_ENT 00044772) (AM). Forest Walk, 7.5 km S of Helensburgh/Stanwell Park roundabout on Old Princes Highway, 34.26646°S 150.95356°E, 385 m, 19 Sep 2000, R. Silveira and M. Elliott, 2♀ (UNSW_ENT 00044683, UNSW_ENT 00044684) (AM). Glebe Gully, Randwick, 33.91106°S 151.24804°E, 19 JUL 1982, O. Griffiths, *Acacia* sp. (Fabaceae), 1♀ (UNSW_ENT 00044733) (AM). Harrington 3–5 km NE of, 31.86666°S 152.7°E, 19 NOV 1990, G.A. Williams,

Guioa semiglauca (Sapindaceae), 1♀ (UNSW_ENT 00045063) (AM). Hyde Park, Sydney, 33.87314°S 151.21128°E, 11 FEB 2004, M.G. Elliot, 1♀ (UNSW_ENT 00045060) (AM). Illawarra, 34.52553°S 150.87496°E, 12 m, no date provided, H. Petersen, 1♂ (AMNH_PBI 00117742), 1♀ (AMNH_PBI 00117743) (USNM). Lennox Head, 28.8°S 153.6°E, 15 m, 23 Sep 1977, W.C. Gagne, 1♂ (UNSW_ENT 00044706) (BPBM). Lismore District, 28.807°S 153.27809°E, 11 Nov 1992, G. Cassis, 1♀ (UNSW_ENT 00044680) (AM). Lord Howe Is, Mount Gower summit, 31.58716°S 159.06983°E, 28 Nov 2000, P. Flemons & J. Tarnawski, 1♀ (UNSW_ENT 00044694) *Metrosideros sclerocarpa* (Myrtaceae), 1♀ (UNSW_ENT 00045071) (AM). Lorien Wildlife Refuge 3 km North of Lansdowne via Taree, 31.76666°S 152.56666°E, 18 Sep 1991, G. Williams, *Acradenia euodiiformis* (F. Muell.) T.G. Hartley (Rutaceae), 1♂ (UNSW_ENT 00044715), 1 sex unknown (UNSW_ENT 00044716) (AM); 25 Sep 1991, G. Williams, *Acradenia euodiiformis* (F. Muell.) T.G. Hartley (Rutaceae), 1♂ (UNSW_ENT 00044714) (AM). Minnamurra Falls nr Kiama, 34.63333°S 150.71666°E, 12 DEC 1965, C. E. Chadwick, *Backhousia myrtifolia* (Myrtaceae), 1♂ (UNSW_ENT 00044765), 1♀ (UNSW_ENT 00051821) (AM). Minyon Falls Whian Whian State Forest, 28.6131°S 153.39007°E, 400 m, 28 Sep 1977, W.C. Gagne, 1♀ (UNSW_ENT 00044696) (BPBM). Mittagong, 34.27°S 150.27°E, 10 Jan 1907, W.W.F, 1 sex unknown (UNSW_ENT 00044701) (AM). Mount Keira, 34.24°S 150.51°E, 15 Dec 1989, G. Cassis, 1♂ (UNSW_ENT 00044746), 3♀ (UNSW_ENT 00044747-UNSW_ENT 00044749), 1 sex unknown (UNSW_ENT 00044751) *Helichrysum* sp. (Asteraceae), 1 sex unknown (UNSW_ENT 00044750) (AM). Mount White, 33.46667°S 151.23333°E, 23 Sep 1995, A. Sundholm, *Leptospermum* sp. (Myrtaceae), 1♀ (UNSW_ENT 00045059) (AM). Nadgee, 37.34801°S 149.84799°E, 21 NOV 1973, G. Holloway, 1♂ (UNSW_ENT 00044731) (AM). Northmead, 33.78883°S 151.00091°E, 20 m, 26 Jan 1963, D. K. McAlpine, 1♂ (AMNH_PBI 00419227) (AM). Otford, 34.21667°S 151.00833°E, 70 m, 25 Nov 1995, A. Sundholm and A. Scott, 1;u (UNSW_ENT 00044702) *Acmena smithii* (Poir.) Merr. & L.M. Perry (Myrtaceae), 2♀ (UNSW_ENT 00044770, UNSW_ENT 00044771) (AM). Peats Ridge, 33.33333°S 151.23333°E, 260 m, 23 Sep 1995, A. Sundholm, 1♀ (UNSW_ENT 00044689) (AM). Picadilly Cir., ACT, 35.21°S 148.49°E, 11 Jan 1982, C. P. Ohmart, *Eucalyptus delegatensis* (possibly) R.T. Baker (Myrtaceae), 1♂ (UNSW_ENT 00044400) (ANIC). Royal National Park, 34.072°S 151.05789°E, 20 m, 15 Oct 1993, G. Cassis, *Acacia decurrens* Willd. (Fabaceae), 1♀ (UNSW_ENT 00044738), 1 sex unknown (UNSW_ENT 00044739) (Myrtaceae), 1♂ (UNSW_ENT 00044734), 2♀ (UNSW_ENT 00044735, UNSW_ENT 00044736), 1;u (UNSW_ENT 00044737) (AM). Royal National Park, Coast Track, Bundeena–Marley Beach, close to gate, 34.09508°S 151.15535°E, 175 m, 03 Oct 2000, R. Silveira and M. Elliott, 1♀ (UNSW_ENT 00044681) (AM). Royal National Park, Wattamolla Beach Car Park, 34.13888°S 151.11333°E, 29 m, 14 Nov 2001, Cassis, Schuh, Schwartz, Silveira, *Acmena smithii* (Poir.) Merr. & L.M. Perry (Myrtaceae), det. NSW staff NSW666416, 10♂ (UNSW_ENT 00044143-UNSW_ENT 00044152), 6♀ (UNSW_ENT 00044153-UNSW_ENT 00044158) *Kunzea ambigua* (Sm.) Druce (Myrtaceae), det. NSW staff NSW666409, 4♂ (UNSW_ENT 00044136-UNSW_ENT 00044139), 3♀ (UNSW_ENT 00044140-UNSW_ENT 00044142) (AM). Royal National Park, on Sir Bertram Stevens Drive, 1.2 km N of Lady Carrington Drive, 34.15936°S 151.0307°E, 134 m, 29 Sep 2000, R. Silveira and M. Elliott, 1♀ (UNSW_ENT 00044682) (AM). Rydalmere, near Sydney, 33.815°S 151.035°E, 25 Jun 1969, M. Elshafie, 1♀ (UNSW_ENT 00044687) (AM). Saltwater Reserve, 15 km SE of Taree, littoral rainforest, 31.915°S 152.451°E, 12 Nov 1991, G. Williams, *Euroschinus falcata* Hook. f. (Anacardiaceae), 1♀ (UNSW_ENT 00044712) (AM); 19 Nov 1991, G. Williams, *Euroschinus falcata* Hook. f. (Anacardiaceae), 1♀ (UNSW_ENT 00044711) (AM); 26 Nov 1991, G. Williams, *Euroschinus falcata* Hook. f. (Anacardiaceae), 1♀ (UNSW_ENT 00044713) *Euroschinus falcata* Hook. f. (Anacardiaceae), 1♀ (UNSW_ENT 00045065) (AM); 10 Dec 1991, G. Williams, *Euroschinus falcata* Hook. f. (Anacardiaceae), 1♀ (UNSW_ENT 00045064) (AM). Sassafras, 21 km E of Nerriga, 35.11667°S 150.1833°E, 650 m, 12 Nov 1995, Schuh and Cassis, *Kunzea ambigua* (Sm.) Druce (Myrtaceae), det. P. G. Wilson 1996 NSW 396008, 1♂ (AMNH_PBI 00110527), 3♀ (AMNH_PBI 00110528-AMNH_PBI 00110530) (AMNH). Scheyville, 33.607°S 150.885°E, Jan 1988, H. F. Recher, *Eucalyptus moluccana* Roxb. (Myrtaceae), 1♀ (UNSW_ENT 00044732) (AM). State Forest W of Ulladulla, above Carters Creek, 35.5152°S 150.0346°E, 200 m, 11 Nov 1995, Schuh and Cassis, *Ozothamnus diosmifolius* (Vent.) DC. (Asteraceae), det. field ID NSW 396003, 1♀ (UNSW_ENT 00044692), 1;u (UNSW_ENT 00027579) (AM). Stanwell Park Reserve, 34.21667°S 150.9859°E, 25 m, 14 Nov 2001, Cassis, Schuh, Schwartz, Silveira, *Rorippa nasturtium-aquaticum* (L.) Hayek (Brassicaceae), det. NSW staff NSW666417,

1♂ (UNSW_ENT 00044166) (AM). Sublime Point, 08 FEB 1959, C. E. Chadwick, 1♂ (UNSW_ENT 00044766) (AM). Sydney, 33.8652°S 151.2096°E, 1931, K. K. Spence, 1♀ (UNSW_ENT 00044685) (AM); Oct 1931, K. K. Spence, 1♀ (UNSW_ENT 00044695) (AM). Sydney, Lucas Heights, 34.04167°S 150.80833°E, 02 DEC 1995, A. Sundholm, *Leptospermum polygalifolium* Salisb. (Myrtaceae), 1♂ (UNSW_ENT 00044767) (AM). Tenterfield, 29.05451°S 152.01942°E, 12 Jan 1947, K. Pullen, 1♂ (UNSW_ENT 00044707) (AM). Vaucluse, 33.85781°S 151.27791°E, 03 Nov 1971, D. K. McAlpine, 1♀ (UNSW_ENT 00044722), 1♂ (UNSW_ENT 00044723) (AM). Wingham, 31.865°S 152.368°E, 29 Nov 1990, G. Williams, *Waterhousea floribunda* (K. Schum. & Lauterb.) B. Hyland (Myrtaceae), 1 sex unknown (UNSW_ENT 00044719) (AM); 03 Dec 1991, G.A. Williams, *Waterhousea floribunda* (K. Schum. & Lauterb.) B. Hyland (Myrtaceae), 1♀ (UNSW_ENT 00044717) (AM); 17 Dec 1991, G. & T. Williams, 1♀ (UNSW_ENT 00044690) (AM); 27 Dec 1991, G.A. Williams, *Waterhousea floribunda* (K. Schum. & Lauterb.) B. Hyland (Myrtaceae), 1♂ (UNSW_ENT 00044718) (AM). Wyrabalong NP, 33.274°S 151.5385°E, 11 Oct 1997–12 Oct 1997, L. Wilkie, *Leptospermum laevigata* (Myrtaceae), 1 sex unknown (UNSW_ENT 00044699) (AM). ~0.5 km SE of Lansdowne via Taree, 31.785°S 152.538°E, 19 NOV 1990, G. Williams, *Rhodomyrtus psidioides* (G.Don) Benth. (Myrtaceae), 1♂ (UNSW_ENT 00044761) (AM); 12 NOV 1990, G. Williams, *Acmena smithii* (Poir.) Merr. & L.M. Perry (Myrtaceae), 1♂ (UNSW_ENT 00044759) (AM); 29 Oct 1990, G. Williams, *Elaeocarpus obovatus* (Elaeocarpaceae), 1 female and 1 sex unknown (UNSW_ENT 00044762), 1 sex unknown (UNSW_ENT 00044763) (AM); 15 Nov 1990, G. Williams, *Acmena smithii* (Poir.) Merr. & L.M. Perry (Myrtaceae), 1♂ (UNSW_ENT 00044760) (AM). ~3 km N Lansdowne via Taree, 33.87081°S 150.98548°E, 17 NOV 1990, G. & T. Williams, *Rhodomyrtus psidioides* (G.Don) Benth. (Myrtaceae), 1♂ (UNSW_ENT 00044755) (AM); 02 NOV 1990, G. & T. Williams, *Schizomeria ovata* (Cunoniaceae), 1♂ (UNSW_ENT 00044756) (AM); 06 NOV 1990, G. & T. Williams, *Schizomeria ovata* (Cunoniaceae), det. null NULL, 1 sex unknown (UNSW_ENT 00044764) (AM). ~24 km NNW of Gloucester, 32.048°S 151.903°E, 25 NOV 1990, G. & T. Williams, *Acmena smithii* (Poir.) Merr. & L.M. Perry (Myrtaceae), 1♂ (UNSW_ENT 00044768) (AM); 05 Dec 1990, G. & T. Williams, *Acmena smithii* (Poir.) Merr. & L.M. Perry (Myrtaceae), 1♂ (UNSW_ENT 00044769) (AM). **Northern Territory:** Henbury Station, Gloaming Dam, 25.5 km E of Henbury Homestead, 24.59806°S 133.50306°E, 434 m, 23 May 2013, M. Cheng, (Unknown), det. undetermined, 1♀ (UNSW_ENT 00045198) (NTM). **Queensland: S.E. Queensland Co.:** Coolangata, – AUG 1919, C.F. Muir, 1♂ (UNSW_ENT 00044893) (BPBM). Gold Coast, 27.98496°S 153.42819°E, 3 m, 23 Feb 1988, G. E. Bohart, Paratype, 1♂ (AMNH_PBI 00381738) (USU). Tweed Heads, – JUL 1919, C.F. Muir, 1♂ (UNSW_ENT 00044894) (BPBM). Bridge Creek National Park, 15.26755°S 144.94238°E, 305 m, 27 May 2010, M. Elias & A. Namyatova, 1♂ (UNSW_ENT 00044895) (UNSW). Brisbane, 27.46785°S 153.02801°E, 14 JAN 1936, Unknown, 1♂ (UNSW_ENT 00044898) (AM). Broken River, Eungella, 21.167°S 148.507°E, 09 Dec 1961, McAlpine & Lossin, 1♂ (UNSW_ENT 00044888) (AM). Bunya Mountains, 26.83333°S 151.55°E, 14 DEC 1937, N. Geary, 1♀ (UNSW_ENT 00044908) (ANIC); 05 JAN 1938, N. Geary, 1 male and 1 sex unknown (UNSW_ENT 00044900) (AM); 22 Dec 1937, N. Geary, 1♂ (UNSW_ENT 00044897) (ANIC); 24 Dec 1937, N. Geary, 1♂ (UNSW_ENT 00044896) (ANIC); 22 Jan 1938, N. Geary, 1 sex unknown (UNSW_ENT 00044907), 1♀ (UNSW_ENT 00044909) (ANIC); 04 Dec 1985–06 Dec 1985, D. Bicker & G. Cassis, 1♀ (UNSW_ENT 00044902) (AM). Bunya Mountains, Mowbullán, 26.85°S 151.56666°E, 07 Jan 1970, G. A. Holloway, 1♂ (UNSW_ENT 00044901) (AM). Cooloola, 26.2°S 153.05°E, 01 Apr 1978, I. D. Galloway, 1♀ (UNSW_ENT 00044903) (QDPC). Dunbulla State Forest 1.1 km along Robson Creek track NW of Dunbulla Forest Drive, 17.11666°S 145.9°E, 25 Apr 1998, G. Cassis, 1♀ (UNSW_ENT 00044905) (AM). Eungella, 21.117°S 148.484°E, 30 Nov 1990, W. F. Chamberlain, 1♀ (AMNH_PBI 00290793) (TAMU). Indooroopilly, 27.504°S 152.98°E, – SEP 1978, Unknown, 1♂ (UNSW_ENT 00044891) (QDPC). Lemington National Park, 28.25618°S 153.13358°E, 900 m, 16 Feb 1964–18 Feb 1964, J. Sedlacek, 1♀ (UNSW_ENT 00044906) (BPBM). Mount Glorious, 27.333°S 152.767°E, 13 NOV 1961, L. & M. Gressitt, 1♂ (UNSW_ENT 00044887) (BPBM). Mount Tamborine National Park, 27.88333°S 153.18333°E, 29 SEP 1977, B. K. Cantrell, 1♀ (UNSW_ENT 00044890) (QDPC). Mount Tambourine, 27.92751°S 153.19431°E, Oct 1924, A. Musgrave & C. Geissmann, 1♀ (UNSW_ENT 00044911) (AM). Peak Mount Bellenden-Ker, 17.26667°S 145.85°E, 10 Jan 1977–18 Jan 1977, R. I. Storey, 1♂ (UNSW_ENT 00044892) (QDPC). near Ravenshoe, 17.616°S 145.486°E, 06 Jul 1968–07 Jul 1968, C. N. Smithers, 1♂ (UNSW_ENT 00044899), 1♀ (UNSW_ENT 00044904) (AM). **South Australia: Kangaroo Island Co.:** Breakneck Ck.

Flinder's Chase Cons. Pk., 07 NOV 1987, G.F. Gross, 1 ♀ (UNSW_ENT 00044226) (SAMA). Dunes Seal Bay, 02 DEC 1977, D.K. McAlpine and M.A. Schneider, 1 ♂ (UNSW_ENT 00044222) (AM). Ravine des Casoars, Flinders Chase National Park, 35.75°S 136.608°E, 05 Nov 1987, G. F. Gross, 1 ♀ (UNSW_ENT 00044224) (SAMA). 1 km S by E Elliston, 33.4°S 134.54°E, 30 Nov 1992, I. D. Naumann & J. C. Cardale, 1 ♀ (UNSW_ENT 00044233) (ANIC). 2 mi SE of Wanna, Lincoln National Park, Eyre Peninsula, 34.915°S 135.887°E, 16 Nov 1971, J. J. H. Szent-Ivany, 1 ♀ (UNSW_ENT 00044228) (SAMA). 3 km N of Salt Creek, Highway 1, 16 AUG 1978, W.C. Gagne, 3 ♂ (UNSW_ENT 00044238-UNSW_ENT 00044240), 2 ♀ (UNSW_ENT 00044241, UNSW_ENT 00044242) (AM). 5 km SW of Whyalla, 33.05085°S 137.5004°E, 30 m, 21 Oct 1996, Schuh and Cassis, *Myoporum platycarpum* R. Br. (Scrophulariaceae), det. PERTH staff PERTH 05095220, 1 ♂ (AMNH_PBI 00110535) (AMNH). 7 km E Para Wirra National Park near Williamstown, 34.70001°S 138.85°E, 250 m, 31 Oct 1995, Schuh, Cassis, and Gross, *Dodonaea viscosa* Jacq. (Sapindaceae), det. P.G. Wilson 1996 NSW 395965, 1 ♀ (UNSW_ENT 00044260) (AM), *Dodonaea viscosa* Jacq. (Sapindaceae), det. P.G. Wilson 1996 NSW 395965, 1 ♀ (AMNH_PBI 00110536) (AMNH). 15 km S of Bews, 35.48474°S 140.4332°E, 130 m, 08 Nov 1998, Schuh, Cassis, Silveira, *Leptospermum coriaceum* (F. Muell. ex Miq.) Cheel (Myrtaceae), det. Det: Royal Bot Gard. NSW NSW427369, 1 ♀ (UNSW_ENT 00044234) (AM). 18 km E Coffin Bay, 34.61666°S 135.66666°E, 29 Nov 1992, I. D. Naumann & J. C. Cardale, 4 ♀ (UNSW_ENT 00044261-UNSW_ENT 00044264) (ANIC). Aldinga, 35.2639°S 138.48053°E, 19 m, 03 Dec 1989, R. Wharton, 1 ♀ (AMNH_PBI 00290801) (TAMU). Aldinga Bay, Sellicks Beach Res., 35.333°S 138.447°E, 03 Apr 1987, E. G. Matthews & J. A. Forrest, 2 ♂ (UNSW_ENT 00044248, UNSW_ENT 00044249), 1 ♀ (UNSW_ENT 00044253), 3 ♂ (UNSW_ENT 00044245-UNSW_ENT 00044247), 9 ♀ (UNSW_ENT 00044250-UNSW_ENT 00044252, UNSW_ENT 00044254-UNSW_ENT 00044259) (SAMA). Bonnys Camp 9.5 km NNW Pitlochry HS, 36.15194°S 139.82722°E, 06 Oct 2000–15 Oct 2000, Unknown, 1 ♀ (UNSW_ENT 00044235) (SAMA). Broadview, 16 JAN 1965, W. Head, 3 ♀ (UNSW_ENT 00044225, UNSW_ENT 00044678, UNSW_ENT 00044679), 1 ♂ (UNSW_ENT 00044265) (SAMA). Eyre Pen. Carapee Hill, 29 SEP 1979, D. V. Laxis, 1 ♂ (UNSW_ENT 00044216) (SAMA). Eyre Pen. Wedina Well, 02 DEC 1986, J. A. Forrest, 1 ♂ (UNSW_ENT 00044220) (SAMA). Eyre Peninsula, Cape Dannington, 14 AUG 1978, W.C. Gagne, 1 ♂ (UNSW_ENT 00044209), 1 sex unknown (UNSW_ENT 00044210) (SAMA). Fleurieu Peninsula, Deep Creek Conservation Park, 35.62777°S 138.22194°E, 270 m, 25 Nov 1989–08 Dec 1989, R. Wharton and J. Bracken, 2 ♀ (AMNH_PBI 00290796, AMNH_PBI 00290797) (TAMU); 24 Dec 1989–07 Jan 1990, J. Bracken and R. Wharton, 1 ♀ (AMNH_PBI 00290798) (TAMU). Glenelg River Reserve, - , J.J.H. Szent-Ivany and W.A. van der Berk, 1 ♀ (UNSW_ENT 00044227) (SAMA). Hallett Cove, 35.07114°S 138.51309°E, 22 AUG 1973, P. B. McQuillan, 1 ♂ (UNSW_ENT 00044214) (SAMA). Hallett Cove, 20 km SW of Adelaide, 35.07114°S 138.51309°E, 17 SEP 1974, P. B. McQuillan, 1 ♀ (UNSW_ENT 00044230) (SAMA). Kangaroo Island, Flinders Chase National Park, Rocky River, 35.95831°S 136.65853°E, 38 m, 25 Dec 1989–06 Jan 1990, R. Wharton, 2 ♀ (AMNH_PBI 00290799, AMNH_PBI 00290800) (TAMU). Long Gully, Robe district, 09 DEC 1977, D.K. McAlpine and M.A. Schneider, 1 ♂ (UNSW_ENT 00044221) (AM). Maitland, Yorke Peninsula, 34.373°S 137.673°E, 13 Mar 1966, D. Wright, 3 ♂ (UNSW_ENT 00044211-UNSW_ENT 00044213) (SAMA). Mitcham, 34.98352°S 138.62379°E, 23 JUN 1976, R. V. Southcott, 1 ♀ (UNSW_ENT 00044229) (SAMA); JUN 1979, R. V. Southcott, 1 ♀ (UNSW_ENT 00044223) (SAMA); 20 APR 1980, R. V. Southcott, 1 ♀ (UNSW_ENT 00044237) (SAMA); 04 NOV 1978, R. V. Southcott, 1 ♂ (UNSW_ENT 00044205), 1 ♀ (UNSW_ENT 00044206) (SAMA). Mount Wedge Eyre. Pen., 26 SEP 1964, G.F. Gross, 1 ♀ (UNSW_ENT 00044207), 1 sex unknown (UNSW_ENT 00044208) (SAMA). N. Flinder's Ra, Yudnamutana Gorge, 03 JUN 1976, P. B. M'Quillan, 1 ♂ (UNSW_ENT 00044203), 1 ♀ (UNSW_ENT 00044204) (SAMA). Paskeville, 12 FEB 1964, G.F. Gross, 1 ♂ (UNSW_ENT 00044219) (SAMA). Pinkawillinie, 33.11444°S 135.99722°E, 20 MAR 1996, J. A. Forrest, 1 ♂ (UNSW_ENT 00044217) (SAMA). Redcliff H.S., Oct 1992, C. H. Watts, 1 ♂ (UNSW_ENT 00044232) (SAMA). Robe. nr. lakeshore, 18 APR 1979, G.F. Gross, 1 ♂ (UNSW_ENT 00044215) (SAMA). S. Coorong coastal sandhills, 36.127°S 139.598°E, 14 Nov 1967, J. J. H. Szent-Ivany, 1 ♂ (UNSW_ENT 00044243), 1 ♀ (UNSW_ENT 00044244) (SAMA). Wanilla Govt State Forest, Eyre Peninsula, 34.549°S 135.715°E, 15 Nov 1971, J. J. H. Szent-Ivany, 1 ♂ (UNSW_ENT 00044218) (SAMA). Warradale, 35.00451°S 138.5385°E, 18 m, 12 JAN 1974, P. B. McQuillan, 2 ♂ (UNSW_ENT 00044201, UNSW_ENT 00044202) (SAMA). Watervalley SE 8.5 km N Mount Rough, 36.29472°S 139.89639°E,

06 Oct 2000–15 Oct 2000, Unknown, 1♀ (UNSW_ENT 00044236) (SAMA). Wirrulla, 32.4°S 134.5167°E, 95 m, 03 Sep 1990, G. Cassis, *Acacia* sp. (Fabaceae), 1♂ (UNSW_ENT 00044373), 1♀ (UNSW_ENT 00044374) (AM). **Tasmania: Flinders Island Co.:** 0.4 km on Road to Docks, W of Palana Road, 39.80238°S 147.88493°E, 86 m, 30 Mar 2014, G. Cassis and J. Karras, *Allocasuarina monilifera* (L.A.S. Johnson) L.A.S. Johnson (Casuarinaceae), det. Miguel de Salas TMAG, 3♂ (UNSW_ENT 00044630-UNSW_ENT 00044632) (TMAG). 2.5 km NE of Memana Road on Walkers Lookout, 40.05633°S 148.0714°E, 309 m, 28 Mar 2014, G. Cassis and J. Karras, *Cassinia aculeata* (Labill.) R.Br. *aculeata* (Asteraceae), det. Miguel de Salas TMAG, 2♀ (UNSW_ENT 00044633, UNSW_ENT 00044635) *Melaleuca ericifolia* Sm. (Myrtaceae), 1♀ (UNSW_ENT 00044634) (TMAG). 6.3 km on Memana Road, E of jct of Memana & Lackrana Roads, 39.95718°S 148.15948°E, 20 m, 28 Mar 2014, G. Cassis and J. Karras, *Melaleuca ericifolia* Sm. (Myrtaceae), det. Miguel de Salas TMAG, 1♀ (UNSW_ENT 00044655), 1♂ (UNSW_ENT 00044656) (TMAG). 13.5 km W of Lady Barron settlement on Wallanippi Road, 40.18302°S 148.21613°E, 86 m, 25 Mar 2014, G. Cassis and J. Karras, *Olearia ramulosa* (Labill.) Benth. (Asteraceae), det. Miguel de Salas TMAG, 2♀ (UNSW_ENT 00044657, UNSW_ENT 00044658) (TMAG), *Olearia ramulosa* (Labill.) Benth. (Asteraceae), det. Miguel de Salas TMAG, 2♀ (UNSW_ENT 00045953, UNSW_ENT 00045954) (UNSW). North East River (mouth of river) Beach, 43.714°S 147.96225°E, 27 Mar 2014, G. Cassis and J. Karras, *Atriplex cinerea* Poir. (Amaranthaceae), det. Miguel de Salas TMAG, 1♀ (UNSW_ENT 00044566) (TMAG), *Correa alba* Andrews var. *alba* (Rutaceae), det. Miguel de Salas TMAG, 7♂ (UNSW_ENT 00045943-UNSW_ENT 00045949), 12♀ (UNSW_ENT 00027516-UNSW_ENT 00027527), 5 juvenile (UNSW_ENT 00045960-UNSW_ENT 00045964) (UNSW). Paloma Blyth Bay, 39.75543°S 147.87085°E, 12 m, 24 Mar 2014, G. Cassis and J. Karras, *Senecio linearifolius* A.Rich. var. *linearifolius* (Asteraceae), det. Miguel de Salas TMAG, 2♂ (UNSW_ENT 00045951, UNSW_ENT 00045952), 14;juvu (UNSW_ENT 00027530-UNSW_ENT 00027543) *Correa alba* Andrews var. *alba* (Rutaceae), det. Miguel de Salas TMAG, 4♀ (UNSW_ENT 00045956-UNSW_ENT 00045959) (UNSW). Patriarch Conservation Area, 8.6 km on Lees Road, E of jct of Lees and Lackrana Roads, 39.9957°S 148.20018°E, 38 m, 28 Mar 2014, G. Cassis and J. Karras, *Leptospermum* sp. (Myrtaceae), 14♀ (UNSW_ENT 00044569-UNSW_ENT 00044575, UNSW_ENT 00044607-UNSW_ENT 00044612, UNSW_ENT 00044614), 20♂ (UNSW_ENT 00044576-UNSW_ENT 00044583, UNSW_ENT 00044615-UNSW_ENT 00044626), 2;juvf (UNSW_ENT 00044584, UNSW_ENT 00044585), 22;juvm (UNSW_ENT 00044586-UNSW_ENT 00044604, UNSW_ENT 00044627-UNSW_ENT 00044629), 2; (UNSW_ENT 00044605, UNSW_ENT 00044606) *Leptospermum* sp. (Myrtaceae), 1♀ (UNSW_ENT 00044613) (TMAG), *Leptospermum glaucescens* S.Schauer (Myrtaceae), 2♀ (UNSW_ENT 00044914, UNSW_ENT 00044915) (UNSW). Patriarch Inlet, 39.94927°S 148.18278°E, 28 Mar 2014, G. Cassis and J. Karras, *Monotoca glauca* (Labill.) Druce (Ericaceae), det. Miguel de Salas TMAG, 1♀ (UNSW_ENT 00044636), 1♂ (UNSW_ENT 00044637) (TMAG). jct of Lady Barron Road & Logan Lagoon Road, 40.1929°S 148.23525°E, 19 m, 25 Mar 2014, G. Cassis and J. Karras, *Melaleuca ericifolia* Sm. (Myrtaceae), det. Miguel de Salas TMAG, 1♀ (UNSW_ENT 00045950) (UNSW). 17 Mile Plain, Grunter Road, 40.877°S 144.889°E, 10 Mar 2010, C. Symonds, *Leptospermum glaucescens* S.Schauer (Myrtaceae), det. Marco Duretto–Yas Herbarium, 1♀ (UNSW_ENT 00044727), 1♂ (UNSW_ENT 00044728) (TMAG). 17 Mile Plain, Grunter Road, 40.874°S 144.89°E, 19 m, 12 Mar 2010, C. Symonds, *Leptospermum glaucescens* S.Schauer (Myrtaceae), det. Marco Duretto–Tas Herbarium, 3♀ (UNSW_ENT 00044724-UNSW_ENT 00044726) (TMAG). Arthur-Pieman Conservation Area, Dago Plains (between Lagoon River and Italian River), 41.4908°S 144.81935°E, 16 m, 30 Jan 2015, A. Namyatova, *Leptospermum glaucescens* S.Schauer (Myrtaceae), det. Miguel de Salas (TMAG Herbarium), 5♀ (UNSW_ENT 00044638-UNSW_ENT 00044642), 6♂ (UNSW_ENT 00044643-UNSW_ENT 00044648) (TMAG). Arthur-Pieman Conservation Area, nr the mouth of Interview River (Fish9), 41.5837°S 144.88731°E, 2 m, 02 Feb 2015, A. Namyatova, *Senecio* sp. (Asteraceae), det. Miguel de Salas (TMAG Herbarium), 1♀ (UNSW_ENT 00044649), 2♂ (UNSW_ENT 00044651, UNSW_ENT 00044652) *Acacia longifolia* (Andrews) Willd. (Fabaceae), det. Miguel de Salas (TMAG Herbarium) WAS L14_H04, 1♀ (UNSW_ENT 00044650), 1♂ (UNSW_ENT 00044653) *Leptospermum laevigatum* (Gaertn.) F. Muell. (Myrtaceae), det. Miguel de Salas (TMAG Herbarium), 1♂ (UNSW_ENT 00044654) (TMAG). Big Lagoon, 1 km N of Moorina Bay, 43.24089°S 147.39102°E, 1 m, 17 Feb 2016, A. Namyatova & C. Byrne, 1♂ (UNSW_ENT 00027263) (UNSW); 17 Feb 2016, A. Namyatova & D. de Little, *Leptospermum glaucescens* S.Schauer (Myrtaceae), 1♀ (UNSW_ENT 00027554) (UNSW);

17 Feb 2016, A. Namyatova, *Leptospermum scoparium* J.R. Forst. & G. Forst. (Myrtaceae), 4♂ (UNSW_ENT 00027242-UNSW_ENT 00027244, UNSW_ENT 00027262) *Leptospermum glaucescens* S.Schauer (Myrtaceae), 15♂ (UNSW_ENT 00027245-UNSW_ENT 00027259), 13♀ (UNSW_ENT 00027555-UNSW_ENT 00027567) *Leptospermum glaucescens* S.Schauer (Myrtaceae), 2;u (UNSW_ENT 00027574, UNSW_ENT 00027575) *Leptospermum scoparium* J.R. Forst. & G. Forst. (Myrtaceae), 1♀ (UNSW_ENT 00051820) *Leptospermum glaucescens* S.Schauer (Myrtaceae), 1♂ (UNSW_ENT 00045319) (UNSW). Dennes Hill Nature Reserve, 1 km W of Bull Bay, 43.09075°S 147.35921°E, 70 m, 17 Feb 2016, A. Namyatova, *Bursaria spinosa* Cav. (Pittosporaceae), 3♂ (UNSW_ENT 00027238, UNSW_ENT 00027239, UNSW_ENT 00027241) *Bursaria spinosa* Cav. (Pittosporaceae), 1♀ (UNSW_ENT 00027679) (UNSW). Devonport, 141 Upper George Street, 41.16778°S 146.34061°E, 23 Apr 1991, L. Hill, 3♀ (UNSW_ENT 00045088-UNSW_ENT 00045090) (DPIPWE). Devonport, Stoney Rise, 41.17801°S 146.35871°E, 70 m, 11 Oct 2001, L. Hill, 1♀ (UNSW_ENT 00045080) (DPIPWE); 19 Dec 2000, L. Hill, 1♂ (UNSW_ENT 00045076) (DPIPWE); 16 Dec 1999, L. Hill, 1♀ (UNSW_ENT 00045079) (DPIPWE); 22 Feb 1994, L. Hill, 1♀ (UNSW_ENT 00045083) (DPIPWE); 16 Jan 2001, L. Hill, 2♀ (UNSW_ENT 00045086, UNSW_ENT 00045087) (DPIPWE); 1 Feb 1994, L. Hill, 1♂ (UNSW_ENT 00045077), 1♀ (UNSW_ENT 00045082) (DPIPWE); 13 Nov 2001, L. Hill, 1♂ (UNSW_ENT 00045078) (DPIPWE); 21 Feb 2001, L. Hill, 1♂ (UNSW_ENT 00045075) (DPIPWE); 4 Feb 2003, L. Hill, 1♀ (UNSW_ENT 00045085) (DPIPWE); 15 FEB 1994, L. Hill, 1♂ (UNSW_ENT 00045074) (DPIPWE); 11 Jan 1995, L. Hill, 2♀ (UNSW_ENT 00045081, UNSW_ENT 00045084) (DPIPWE). Freycinet National Park, 41.99339°S 148.2814°E, 70 m, 14 Nov 2002, Cassis, Schuh, Schwartz, Silveira, *Allocasuarina littoralis* (Salisb.) L.A.S. Johnson (Casuarinaceae), det. NSW staff NSW658170, 1♀ (AMNH_PBI 00110534) (AMNH). Kingston, 42.97568°S 147.30949°E, 26 Dec 1960, J.L Gressitt, 2♂ (UNSW_ENT 00045096, UNSW_ENT 00045097), 1♀ (UNSW_ENT 00045098) (BPBM). Legana, 30 Aug 1966, A. Terauds, 2♀ (UNSW_ENT 00045091, UNSW_ENT 00045092) (DPIPWE). Lindisfarne, 1 Apr 1973, A. Terauda, 1♂ (UNSW_ENT 00045094) (DPIPWE). Richmond, 12 Jan 1995, J. Kimber, *Pyrethrum* sp. (Asteraceae), 1♀ (UNSW_ENT 00045093) (DPIPWE). Riparian shrubland on bank of New River, 28.3 km W of Ida Bay, 43.40882°S 146.55627°E, 19 m, 06 Feb 2016, R. Shofner, *Pomaderris apetala* Labill. (Rhamnaceae), det. Miguel de Salas TMAG, 1 sex unknown (UNSW_ENT 00027680), 1♀ (AMNH_PBI 00051833) (UNSW). South Bruny National Park, 1 km S of Cloudy Bay Lagoon, 43.43922°S 147.2338°E, 18 m, 18 Feb 2016, A. Namyatova, *Correa alba* Andrews (Rutaceae), 3♂ (UNSW_ENT 00027264-UNSW_ENT 00027266), 6♀ (UNSW_ENT 00027548-UNSW_ENT 00027553) *Correa alba* Andrews (Rutaceae), 1♀ (UNSW_ENT 00027529) (UNSW). South Bruny National Park, nr Mabel Bay, 43.4673°S 147.18166°E, 21 m, 20 Feb 2016, A. Namyatova, *Leptospermum scoparium* J.R. Forst. & G. Forst. (Myrtaceae), 1♀ (UNSW_ENT 00045966) (UNSW). South Bruny National Park, western shore of Cloudy Bay (SSS2), 43.46066°S 147.19168°E, 109 m, 18 Feb 2016, A. Namyatova, *Leptospermum glaucescens* S.Schauer (Myrtaceae), 1♀ (UNSW_ENT 00045967) *Leptospermum glaucescens* S.Schauer (Myrtaceae), 4♂ (UNSW_ENT 00027585-UNSW_ENT 00027588), 5♀ (UNSW_ENT 00027589-UNSW_ENT 00027593) (UNSW); 19 Feb 2016, A. Namyatova, 1♂ (UNSW_ENT 00027267) (UNSW). **Victoria:** 2 km W of Apollo Bay, 38.74744°S 143.58729°E, 18 Jan 1962, P. Aitken, 1♀ (UNSW_ENT 00027678) (SAMA). 5 mi W of Apollo Bay, 38.76274°S 143.60551°E, 186 m, 04 Mar 1990, R. Wharton, 1♂ (AMNH_PBI 00290791) (TAMU). Blairgowrie, 05 Mar 1965, N. B. Tindale, 1♀ (UNSW_ENT 00044417), 1♂ (UNSW_ENT 00044416) (SAMA). Craongingolong National Park, Thurra Campground, Pt. Hicks, 37.76668°S 149.3°E, 09 Nov 1995, Schuh and Cassis, *Myoporum insulare* R. Br. (Scrophulariaceae), det. J. Everett 1996 NSW 395996, 1♀ (UNSW_ENT 00044413) (AM). Darlot Creek near Tyrendarra off highway, 38.21948°S 141.77017°E, 31 Mar 2011, M. Cheng & A. Namyatova, *Calystegia sepium* (L.) R. Br. (Convolvulaceae), det. V. Stajsic, 1♂ (UNSW_ENT 00044671) *Persicaria minus* Huds. (Polygonaceae), det. V. Stajsic, 2♂ (UNSW_ENT 00044669, UNSW_ENT 00044670) (MVMA). Little Desert National Park, 14 km E on McDonald Hiway, 36.56668°S 141.4°E, 150 m, 04 Nov 1995, Schuh and Cassis, *Hakea muelleriana* J. Black (Proteaceae), det. P.H. Weston 1996 NSW 395982, 1♀ (AMNH_PBI 00110532) (AMNH). Princess Margaret Rose Caves, 8 km NNW of Nelson, 37.98333°S 140.96667°E, 29 Nov 1992, Moulds, McEvey & McAlpine, 1♂ (UNSW_ENT 00044405) (AM). Tamboon, 37.74134°S 149.13748°E, 15 m, 03 Mar 1990, R. Wharton, 1♂ (AMNH_PBI 00290792) (TAMU). Tyrendarra IPA, 38.20205°S 141.7737°E, 8 m, 23 Mar 2011, M. Cheng & A. Namyatova, *Conium maculatum* L. (Apiaceae), det.

N.G. Walsh, 1♀ (UNSW_ENT 00044664) *Calystegia sepium* (L.) R. Br. (Convolvulaceae), det. N.G. Walsh, 2♀ (UNSW_ENT 00044659, UNSW_ENT 00044665), 1♂ (UNSW_ENT 00044666) (MVMA). Vaughns, 38.07651°S 141.8544°E, 30 Mar 2011, M. Cheng & A. Namyatova, *Chenopodium pumilio* R. Br. (Amaranthaceae), det. V. Stajsic, 1♀ (UNSW_ENT 00044672), 3♂ (UNSW_ENT 00044674-UNSW_ENT 00044676) (MVMA). **Western Australia:** 0.5 km N of Fisheries Road on Balladonia Road, 33.73981°S 123.0921°E, 120 m, 25 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, 1♀ (UNSW_ENT 00044308) *Verticordia brownii* (Desf.) DC. (Myrtaceae), det. PERTH staff PERTH 05670292, 4♀ (UNSW_ENT 00044300, UNSW_ENT 00044298-UNSW_ENT 00044300), 1♂ (UNSW_ENT 00044310) (AM). 0.6 km S of Eneabba on Brand Hiway, 29.82335°S 115.2585°E, 100 m, 31 Oct 1996, Schuh and Cassis, *Grevillea polybotrya* Meisn. (Proteaceae), det. PERTH staff PERTH 05120144, 1 sex unknown (UNSW_ENT 00027580) *Grevillea polybotrya* Meisn. (Proteaceae), det. PERTH staff PERTH 05120144, 16♀ (UNSW_ENT 00044312-UNSW_ENT 00044316, UNSW_ENT 00044322-UNSW_ENT 00044332), 7♂ (UNSW_ENT 00044317-UNSW_ENT 00044321, UNSW_ENT 00044333, UNSW_ENT 00045940) (AM), *Grevillea polybotrya* Meisn. (Proteaceae), det. PERTH staff PERTH 05120144, 7♂ (AMNH_PBI 00110635-AMNH_PBI 00110641), 3♀ (AMNH_PBI 00110642-AMNH_PBI 00110644) (AMNH). 1.1 km E of Cape Arid National Park boundary, 33.75268°S 123.2588°E, 150 m, 25 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Calothamnus quadrifidus* R. Br. ex W.T. Aiton (Myrtaceae) PERTH05671876, 1♂ (UNSW_ENT 00043737), 1♀ (UNSW_ENT 00043738) *Verticordia brownii* (Desf.) DC. (Myrtaceae) PERTH05670292, 1♂ (UNSW_ENT 00043739), 2♀ (UNSW_ENT 00043740, UNSW_ENT 00043741) (AM). 2 km S of Springdale Road on Munglinup Beach Road, 33.85156°S 120.7869°E, 10 m, 27 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Calytrix tetragona* Labill. (Myrtaceae) PERTH05671663, 1♀ (UNSW_ENT 00043748) *Sollya heterophylla* Lindl. (Pittosporaceae) PERTH05671051, 2♂ (UNSW_ENT 00043746, UNSW_ENT 00043747) (AM). 2.2 km W of Windy Harbor, D'Entrecasteaux National Park, 34.82116°S 116.0112°E, 50 m, 15 Dec 1997, Schuh, Cassis, Brailovsky, *Jacksonia horrida* DC. (Fabaceae), det. PERTH staff PERTH 05056446, 2♀ (AMNH_PBI 00404537, AMNH_PBI 00404538) *Melaleuca systena* (Schauer) Craven (Myrtaceae), det. PERTH staff PERTH 05055342, 2♀ (AMNH_PBI 00404533, AMNH_PBI 00404534), 2♂ (AMNH_PBI 00404535, AMNH_PBI 00404536) (AM), *Melaleuca systena* (Schauer) Craven (Myrtaceae), det. PERTH staff PERTH 05055342, 2♀ (AMNH_PBI 00110553, AMNH_PBI 00110749) (AMNH). 2.3 km E of Esperance on Fisheries Road, 33.81039°S 121.9334°E, 10 m, 23 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Darwinia vestita* (Endl.) Benth. (Myrtaceae), det. PERTH staff PERTH 05671701, 11♂ (UNSW_ENT 00007519-UNSW_ENT 00007521, UNSW_ENT 00008448-UNSW_ENT 00008455), 27♀ (UNSW_ENT 00007522-UNSW_ENT 00007527, UNSW_ENT 00007840, UNSW_ENT 00007841, UNSW_ENT 00008469-UNSW_ENT 00008487), 1;u (UNSW_ENT 00027578) *Leptospermum* sp. (Myrtaceae), det. PERTH staff PERTH 05671256, 4♂ (UNSW_ENT 00007513-UNSW_ENT 00007515, UNSW_ENT 00007517), 1♀ (UNSW_ENT 00007518) *Darwinia vestita* (Endl.) Benth. (Myrtaceae), det. PERTH staff PERTH 05671701, 1 sex unknown (UNSW_ENT 00008476) *Leptospermum* sp. (Myrtaceae), det. PERTH staff PERTH 05671256, 1♂ (UNSW_ENT 00007516) *Melaleuca cuticularis* Labill. (Myrtaceae), det. PERTH staff PERTH 05670357, 2♂ (UNSW_ENT 00007511, UNSW_ENT 00007512) (AM). 3.2 km S of Eneabba on Brand Hiway, 29.84248°S 115.2574°E, 100 m, 31 Oct 1996, Schuh and Cassis, *Adenanthos cygnorum* Diels *subsp. cygnorum* (Proteaceae), det. PERTH staff PERTH 05120136, 1♀ (AMNH_PBI 00110549) (AMNH). 3.5 km S of Mount Chudalup, D'Entrecasteaux National Park, 34.80198°S 116.0753°E, 50 m, 16 Dec 1997, Schuh, Cassis, Brailovsky, *Chorilaena quercifolia* Endl. (Rutaceae), det. PERTH staff PERTH 05055350, 1♀ (AMNH_PBI 00110554) (AMNH). 4.2 km SE of Esperance, Lake Mullet Nature Reserve, 33.79691°S 121.95427°E, 10 m, 23 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Baeckea uncinella* Benth. (Myrtaceae) PERTH05671299, 2♂ (UNSW_ENT 00043713, UNSW_ENT 00043714), 6♀ (UNSW_ENT 00043715-UNSW_ENT 00043720) *Melaleuca brevifolia* Turcz. (Myrtaceae), det. PERTH staff PERTH 05671264, 1♂ (UNSW_ENT 00008456), 1♀ (UNSW_ENT 00008488) (AM). 4 km E of Greenhead, 30.06667°S 114.96667°E, 02 Sep 1982, R. P. McMillan, 1♀ (UNSW_ENT 00044415) (WAMP). 5 km N of Badgingerra, 30.43488°S 115.2469°E, 82 m, 07 Nov 2004, Cassis, Weirauch, Tatarnic, Symonds, *Kunzea glabrescens* Toelken (Myrtaceae), det. PERTH staff PERTH6988040, 1♂ (UNSW_ENT 00045029) (AM). 6.5 km NE of Fisheries Road on Balladonia Road, 33.72415°S 123.1123°E, 120 m, 25 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Cassytha* sp. (Lauraceae)

PERTH05671574, 2♂ (UNSW_ENT 00043749, UNSW_ENT 00043750) *Darwinia vestita* (Endl.) Benth. (Myrtaceae), det. Perth staff PERTH 05671698, 7♀ (UNSW_ENT 00044301-UNSW_ENT 00044307), 1♂ (UNSW_ENT 00044311) (AM). 7 km NE of Muchea, Barraca Nat. Reserve, 31.53°S 116.02°E, 16 Aug 1992, T. F. Houston, 1♂ (UNSW_ENT 00044399) (WAMP). 7.5 km E of Balladonia Road on Fisheries Road, 33.74644°S 123.1687°E, 120 m, 25 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Conospermum distichum* R. Br. (Proteaceae) PERTH05670403, 1♀ (UNSW_ENT 00043732) *Hakea preissii* Meisn. (Proteaceae) PERTH05670926, 4♀ (UNSW_ENT 00043733-UNSW_ENT 00043736) (AM). 8–10 mi S of Margaret River, 34.11801°S 115.06744°E, 182 m, 20 Dec 1971, J. A. Slater, 1♂ (AMNH_PBI 00392916), 1♀ (AMNH_PBI 00392917) (AMNH). 10 km E of Karridale, 34.16223°S 115.19663°E, 25 m, 31 Oct 1982, W.F. Chamberlain, 1♀ (AMNH_PBI 00290794) (TAMU). 10 km WSW of Point Malcolm, 33.8°S 123.76666°E, 15 Jan 1982–18 Jan 1982, B. Hanich & T. F. Houston, 2♀ (UNSW_ENT 00044410, UNSW_ENT 00044411) (WAMP). 11 km S of Eneabba, Eneabba National Park, 29.9025°S 115.24321°E, 150 m, 01 Nov 1996, Schuh and Cassis, *Verticordia chrysanthella* A.S. George (Myrtaceae), Paratype, 1♀ (UNSW_ENT 00044098) (AM), *Scholtzia drummondii* Benth. (Myrtaceae), det. PERTH staff PERTH 05120209, 1♂ (AMNH_PBI 00110539) (AMNH). 11 km S of Eneabba, Eneabba National Park [96–50], 29.9025°S 115.24321°E, 150 m, 01 Nov 1996, Schuh and Cassis, *Verticordia chrysanthella* A.S. George (Myrtaceae), 1♂ (UNSW_ENT 00043704) (AM). 12.9 km E of Green Head on Coorow Green Head Road, 30.06102°S 115.09913°E, 83 m, 09 Aug 2005, G. Cassis, *Actinostrobus arenarius* C.A. Gardner (Cupressaceae), det. WA Herbarium PERTH 07620233, 1♀ (UNSW_ENT 00045214) (WAMP). 13.1 km W of Denmark on South Coast Hiway, 34.98965°S 117.2308°E, 150 m, 01 Dec 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Agonis linearifolia* (DC.) Sweet (Myrtaceae), det. PERTH staff PERTH 05670527, 1♀ (UNSW_ENT 00044309) (AM). 15 km S of Lake Grace, 33.2367°S 118.4692°E, 400 m, 07 Dec 1997, Schuh, Cassis, Brailovsky, Asquith, 4♂ (UNSW_ENT 00043697-UNSW_ENT 00043700), 1♀ (UNSW_ENT 00043701) (AM). 16.8 km W of Mingenew, 29.21888°S 115.27486°E, 127 m, 10 Aug 2005, G. Cassis, *Scholtzia parviflora* F. Muell. (Myrtaceae), det. WA Herbarium PERTH 07620195, 3♀ (UNSW_ENT 00045200, UNSW_ENT 00045202, UNSW_ENT 00045204), 4♂ (UNSW_ENT 00045206-UNSW_ENT 00045209) (WAMP). 17 km N of Albany, Simpson Road at Chester Pass Hiway, 34.89933°S 117.9148°E, 170 m, 30 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Agonis hypericifolia* Schauer (Myrtaceae) PERTH05671329, 1♂ (UNSW_ENT 00043743), 1♀ (UNSW_ENT 00043745) (AM). 17.5 km W of Guildford Road on Hiway 50 (Toodjay Road), 31.8021°S 116.1742°E, 200 m, 15 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Agonis linearifolia* (DC.) Sweet (Myrtaceae), det. PERTH staff PERTH 05670144, 1♀ (UNSW_ENT 00044167) (AM). 22 km S of Watheroo, 30.43161°S 116.0438°E, 400 m, 02 Nov 1996, Schuh and Cassis, *Scholtzia capitata* Benth. (Myrtaceae), det. PERTH staff PERTH 05236622, 3♀ (AMNH_PBI 00110544-AMNH_PBI 00110546) (AMNH). 25 S Muleewa, 28.74277°S 115.54222°E, 20 Aug 1987–23 Aug 1987, C. Reid, *Cassia* sp. (Fabaceae), 1♀ (AMNH_PBI 00404539) (AM). 30 km N of Bunbury, 33.10653°S 115.69209°E, 19 m, 30 Oct 1982, W.F. Chamberlain, 1♀ (AMNH_PBI 00290795) (TAMU). 39 km N of Albany, Millinup Road at Chester Pass Hiway, 34.70677°S 117.959°E, 260 m, 30 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Callistachys lanceolata* Vent. (Papilionaceae) PERTH05670322, 3♀ (UNSW_ENT 00043721-UNSW_ENT 00043723) (AM). Augusta, 34.34212°S 115.1661°E, 30 m, 04 Dec 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Agonis flexuosa* (Willd.) Sweet (Myrtaceae), 1♀ (UNSW_ENT 00008489) *Viminaria juncea* (Schrud. & J.C. Wendl.) Hoffmanns. (Papilionaceae), det. PERTH staff PERTH 05672147, 1 sex unknown (UNSW_ENT 00027581) *Hakea oleifolia* (Sm.) R. Br. (Proteaceae), det. PERTH staff PERTH 05670462, 2♂ (AMNH_PBI 00404555, AMNH_PBI 00404556) *Viminaria juncea* (Schrud. & J.C. Wendl.) Hoffmanns. (Papilionaceae), det. PERTH staff PERTH 05672147, 11♂ (AMNH_PBI 00404544-AMNH_PBI 00404554), 29♀ (AMNH_PBI 00404557-AMNH_PBI 00404585) (AM). Blue Hole, Walpole-Nornalup National Park, 35°S 116.8°E, 30 m, 17 Dec 1997, Schuh, Cassis, Brailovsky, *Jacksonia horrida* DC. (Fabaceae), det. PERTH staff PERTH 05056438, 1♀ (UNSW_ENT 00044296) (AM). Bold Park, 31.95°S 115.7667°E, 15 Oct 1975, S.M. Postmus, *Chamaelaucium uncinatum* Schauer (Myrtaceae), 1♂ (UNSW_ENT 00044398) (WAMP). Brand Hiway, 8.2 km N of Eneabba, 29.74618°S 115.254°E, 100 m, 31 Oct 1996, Schuh and Cassis, *Melaleuca raphiophylla* Schauer (Myrtaceae), det. PERTH staff PERTH 05120195, 37♀ (AMNH_PBI 00404258-AMNH_PBI 00404286, UNSW_ENT 00044175-UNSW_ENT 00044182), 41♂ (AMNH_PBI 00404287-AMNH_PBI 00404320, UNSW_ENT 00044168-UNSW_ENT 00044174), 3;u

(AMNH_PBI 00404321, AMNH_PBI 00404322, UNSW_ENT 00044183) *Melaleuca raphiophylla* Schauer (Myrtaceae), det. PERTH staff PERTH 05120195, 2♂ (UNSW_ENT 00045320, UNSW_ENT 00045321) (AM), *Melaleuca raphiophylla* Schauer (Myrtaceae), det. PERTH staff PERTH 05120195, 37♂ (AMNH_PBI 00110541, AMNH_PBI 00110542, AMNH_PBI 00110555-AMNH_PBI 00110589), 45♀ (AMNH_PBI 00110590-AMNH_PBI 00110634) (AMNH), *Melaleuca raphiophylla* Schauer (Myrtaceae), det. PERTH staff PERTH 05120195, 1♂ (AMNH_PBI 00398993) (CNC). Brand Hiway, 55.9 km S of Dongarra Road, 29.62933°S 115.21867°E, 100 m, 31 Oct 1996, Schuh and Cassis, *Scholtzia drummondii* Benth. (Myrtaceae), det. PERTH staff PERTH 05120209, 1♂ (UNSW_ENT 00044335) (AM), *Scholtzia drummondii* Benth. (Myrtaceae), det. PERTH staff PERTH 05120209, 1♂ (AMNH_PBI 00110540) (AMNH). Brentwood, 11 Nov 1969, K. T. Richards, 1♂ (UNSW_ENT 00044401) (AM). Bunbury, 33.32711°S 115.63699°E, Jan 1957, Mr. A. Snell, 1 sex unknown (UNSW_ENT 00044406) (AM); 10 Dec 1958–22 Dec 1958, A. Snell, 2♂ (UNSW_ENT 00044396, UNSW_ENT 00044397), 1♂ (UNSW_ENT 00045934) (AM). Burma Road Reserve, 30 km E Walkaway, 29 Sep 1987, R. P. McMillan, 1♀ (UNSW_ENT 00044409) (WAMP). Cape Arid National Park, Thomas River Campground, 33.8539°S 123.0126°E, 20 m, 24 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Calytrix acutifolia* (Lindl.) Craven (Myrtaceae) PERTH05670543, 1♀ (UNSW_ENT 00043742) (AM). Cape Leeuwin, Leeuwin Naturaliste National Park, 34.37277°S 115.135°E, 02 Dec 1998, G. Cassis, *Pimelea ferruginea* Labill. (Thymelaeaceae) PERTH 05227585, 1♀ (AMNH_PBI 00404543) (AM). Cape Naturaliste National Park, 33.54034°S 115.0123°E, 50 m, 14 Dec 1997, Schuh, Cassis, Brailovsky, *Melaleuca huegelii* Endl. *subsp. huegelii* (Myrtaceae), det. PERTH staff PERTH 05055326, 12♀ (UNSW_ENT 00044266-UNSW_ENT 00044277), 18♂ (UNSW_ENT 00044278-UNSW_ENT 00044295) (AM), *Melaleuca huegelii* Endl. *subsp. huegelii* (Myrtaceae), det. PERTH staff PERTH 05055326, 14♂ (AMNH_PBI 00110710-AMNH_PBI 00110723), 2 juvenile (AMNH_PBI 00110724, AMNH_PBI 00110725), 23♀ (AMNH_PBI 00110726-AMNH_PBI 00110748) (AMNH), *Melaleuca huegelii* Endl. *subsp. huegelii* (Myrtaceae), det. PERTH staff PERTH 05055326, 1♂ (AMNH_PBI 00398996), 1♀ (AMNH_PBI 00398997) (CNC). Capel Dist., 18 miles south of Bunbury, 33.58694°S 115.64583°E, 07 Jan 1957, Mr. A. Snell, 1♂ (UNSW_ENT 00044404) (AM). Cervantes, 30.49902°S 115.0684°E, 3 m, 10 Dec 1997, Schuh, Brailovsky, 1♂ (AMNH_PBI 00110537) (AMNH). Charles Darwin Reserve, track from Seven Mile Well to Granite Well, 29.51027°S 117.03988°E, 300 m, 23 Sep 2009, C. Symonds, *Malleostemon tuberculatus* (E. Pritz.) J.W. Green (Myrtaceae), det. WA Herbarium, 1♀ (UNSW_ENT 00044366) (AM). Charles Darwin Reserve, track to White Dam, 29.60866°S 116.92169°E, 319 m, 22 Sep 2009, C. Symonds, *Eremophilasp.* (Myoporaceae), 1♂ (UNSW_ENT 00044363) (AM). Conspicuous Beach, Walpole-Nornalup National Park, 10 km E of Nornalup, 35.03725°S 116.8443°E, 30 m, 17 Dec 1997, Schuh, Cassis, Brailovsky, *Pimelea clavata* Labill. (Thymelaeaceae) PERTH05055431, 6♂ (UNSW_ENT 00044058-UNSW_ENT 00044063), 25♀ (UNSW_ENT 00044064-UNSW_ENT 00044088) *Rhagodia baccata* (Labill.) Moq. (Chenopodiaceae) PERTH05095271, 1♀ (UNSW_ENT 00044089) *Pimelea clavata* Labill. (Thymelaeaceae), det. PERTH staff PERTH 05055431, 2♂ (UNSW_ENT 00045328, UNSW_ENT 00045329) (AM), *Pimelea clavata* Labill. (Thymelaeaceae), det. PERTH staff PERTH 05055431, 2♂ (AMNH_PBI 00110652, AMNH_PBI 00110653), 5♀ (AMNH_PBI 00110654-AMNH_PBI 00110658) *Olearia axillaris* (DC.) Benth. (Asteraceae), det. PERTH staff PERTH 05095328, 1♀ (AMNH_PBI 00110659) *Agonis flexuosa* (Willd.) Sweet *var. flexuosa* (Myrtaceae), det. PERTH staff PERTH 05055423, 3♂ (AMNH_PBI 00110645-AMNH_PBI 00110647), 4♀ (AMNH_PBI 00110648-AMNH_PBI 00110651), 5♂ (AMNH_PBI 00110660-AMNH_PBI 00110664), 5♀ (AMNH_PBI 00110665-AMNH_PBI 00110669) (AMNH). Cosy Corner Beach East, Torbay Sound, W of Albany, 35.06033°S 117.6446°E, 2 m, 01 Dec 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Agonis flexuosa* (Willd.) Sweet (Myrtaceae), det. PERTH staff PERTH05671809, 14♀ (AMNH_PBI 00404586-AMNH_PBI 00404599), 9♂ (AMNH_PBI 00404601-AMNH_PBI 00404609) *Adenanthos cuneatus* Labill. (Proteaceae), det. PERTH staff PERTH 05672201, 1♀ (AMNH_PBI 00404600) (AM). Cosy Corner Beach West, Torbay Sound, W of Albany, 35.06481°S 117.64316°E, 01 Dec 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Pimelea rosea* R. Br. (Thymelaeaceae), det. PERTH staff PERTH05671353, 4♀ (AMNH_PBI 00404611-AMNH_PBI 00404614) (AM). Credo Station, E side of Emu Rock, 30.43369°S 120.63883°E, 496 m, 07 Sep 2011, M. Cheng & C. Symonds, *Rhagodia preissii* Moq. (Chenopodiaceae), det. WA Herbarium MC084, 1♀ (UNSW_ENT 00044364) (AM). Denmark, 34.96666°S 117.35°E, 08 Jan 1977, R. P. McMillan, 1♀ (UNSW_ENT 00044408) (WAMP). Duke of Orleans Bay, Table Island Picnic Area, 33.90852°S

122.5938°E, 50 m, 24 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Ricinocarpos tuberculatus* Muell. Arg. (Euphorbiaceae) PERTH 05672333, 5 ♀ (AMNH_PBI 00404615-AMNH_PBI 00404619), 1 ♂ (AMNH_PBI 00404620) (AM). Fitzgerald River National Park, East Mylies Beach, 33.93293°S 120.0031°E, 30 m, 06 Dec 1997, Schuh, Cassis, Brailovsky, Asquith, *Pimelea ferruginea* Labill. (Thymelaeaceae), det. PERTH staff PERTH 05056403, 1 sex unknown (UNSW_ENT 00044337) (AM). Fitzgerald River National Park, Hammersley Road, 33.81038°S 119.787°E, 215 m, 06 Dec 1997, Schuh, Cassis, Brailovsky, Asquith, *Beaufortia micrantha* Schauer (Myrtaceae), det. PERTH staff PERTH 05055482, 1 ♂ (UNSW_ENT 00045936) (AM). Fremantle, 32.05442°S 115.74705°E, 1968, NLH Krauss, 1 ♀ (UNSW_ENT 00044372) (AM). Gingin, 31.21°S 115.55°E, 104 m, 17 Sep 1969, K. T. Richards, 1 ♂ (UNSW_ENT 00044402) (AM). Greenough, 28.95°S 114.73333°E, 25 Aug 1979–29 Aug 1979, R. P. McMillan, 1 ♀ (UNSW_ENT 00044407) (WAMP). Hamelin Pool, Shark Bay, 26.431°S 114.184°E, 30 Aug 1989, R. de Keyzor, 1 ♂ (UNSW_ENT 00044403) (AM). Hammersley Inlet Campground, 33.95788°S 119.9146°E, 2 m, 28 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Halosarcia pergranulata* (J.M. Black) P.G. Wilson *subsp. pergranulata* (Chenopodiaceae), det. PERTH staff PERTH 05671647, 1 ♀ (UNSW_ENT 00044334), 1;u (UNSW_ENT 00044336) (AM). Hammersley Inlet Campground, sea level, 33.95786°S 119.91456°E, 28 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Halosarcia pergranulata* (J.M. Black) P.G. Wilson (Chenopodiaceae), det. PERTH staff PERTH 05671647, 2 ♂ (UNSW_ENT 00045941, UNSW_ENT 00045942) (AM). Hellfire Bay, Cape Le Grande National Park, 34.00398°S 122.1696°E, 30 m, 24 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Lambertia inermis* R.Br. *var. inermis* (Proteaceae), det. PERTH staff PERTH 05670861, 2 ♂ (UNSW_ENT 00045938, UNSW_ENT 00045939) *Lambertia inermis* R.Br. *var. inermis* (Proteaceae), det. PERTH staff PERTH 05670861, 3 ♀ (UNSW_ENT 00044341-UNSW_ENT 00044343) (AM). Hiway 1 at Preston Beach Road, 32.91893°S 115.7178°E, 15 m, 14 Dec 1997, Schuh, Cassis, Brailovsky, *Melaleuca raphiophylla* Schauer (Myrtaceae) PERTH05055113, 2 ♀ (UNSW_ENT 00043702, UNSW_ENT 00043703) (AM), 2 ♀ (AMNH_PBI 00110547, AMNH_PBI 00110548) (AMNH). Jarrahdale, 32.33698°S 116.0423°E, 09 Dec 1971, J. A. Slater, *Agonis linearifolia* (DC.) Sweet (Myrtaceae), 1 ♀ (AMNH_PBI 00392920) (AMNH). Kevill Road, 4 km W of Margaret River, 33.94611°S 115.03666°E, 120 m, 02 Dec 1998, G. Cassis, *Acacia* sp. (Fabaceae) PERTH05227496, 1 sex unknown (UNSW_ENT 00044367) (AM). Kings Park, Perth, 31.95°S 115.83333°E, 30 m, 05 Sep 1962, E.S. Ross & D.Q. Cavagnaro, 2 ♂ (AMNH_PBI 00242755, AMNH_PBI 00242756), 2 ♀ (AMNH_PBI 00242757, AMNH_PBI 00242758) (CAS). Lake Magenta Road, 4 km N of South Coast Hiway, 33.77872°S 119.2887°E, 400 m, 07 Dec 1997, Schuh, Cassis, Brailovsky, Asquith, *Melaleuca hamulosa* Turcz. (Myrtaceae) PERTH05054567, 9 ♂ (UNSW_ENT 00044100-UNSW_ENT 00044108), 14 ♀ (UNSW_ENT 00044109-UNSW_ENT 00044122), 3 ♂ (UNSW_ENT 00044123-UNSW_ENT 00044125), 3 ♀ (UNSW_ENT 00044126-UNSW_ENT 00044128) *Melaleuca hamulosa* Turcz. (Myrtaceae), det. PERTH staff PERTH 05054567, 2 ♂ (UNSW_ENT 00045325, UNSW_ENT 00045326) (AM), *Melaleuca hamulosa* Turcz. (Myrtaceae), det. PERTH staff PERTH 05054567, 5 ♂ (AMNH_PBI 00110670-AMNH_PBI 00110674), 10 ♀ (AMNH_PBI 00110675-AMNH_PBI 00110684) (AMNH). Lake Magenta Road, 32 km N of South Coast Hiway, 33.53838°S 119.2562°E, 250 m, 07 Dec 1997, Schuh, Cassis, Brailovsky, Asquith, *Callitris roei* (Endl.) F.Muell. (Cupressaceae), det. PERTH staff PERTH 05055253, 1 ♀ (AMNH_PBI 00110552) (AMNH). Leeuwin Naturaliste National Park, Canal Rocks, 33.66513°S 115.0165°E, 50 m, 15 Dec 1997, Schuh, Cassis, Brailovsky, Asquith, 18 ♀ (AMNH_PBI 00404494-AMNH_PBI 00404497, AMNH_PBI 00404499-AMNH_PBI 00404512), 8 ♂ (AMNH_PBI 00404513-AMNH_PBI 00404520) *Cassytha racemosa* Nees *forma racemosa* (Lauraceae), det. PERTH staff PERTH 05056322, 7 ♀ (AMNH_PBI 00404526-AMNH_PBI 00404532) *Banksia attenuata* R. Br. (Proteaceae) PERTH 05055032, 4 ♀ (AMNH_PBI 00404521-AMNH_PBI 00404524), 1 ♀ (AMNH_PBI 00404525) (AM), *Cassytha racemosa* Nees *forma racemosa* (Lauraceae), det. PERTH staff PERTH 05056322, 8 ♂ (AMNH_PBI 00110685-AMNH_PBI 00110692), 17 ♀ (AMNH_PBI 00110693-AMNH_PBI 00110709) (AMNH), 1 ♂ (AMNH_PBI 00398995) (CNC). Lochada, track from Boiada Camp to Mungada Road, 29.19013°S 116.50319°E, 17 Sep 2009, C. Symonds, *Rulingia luteiflora* E.Pritz. (Sterculiaceae), det. WA Herbarium, 1 ♀ (UNSW_ENT 00044365) (AM). Madfish Bay, William Bay National Park, 35.02535°S 117.2573°E, 3 m, 17 Dec 1997, Schuh, Cassis, Brailovsky, *Pimelea ferruginea* Labill. (Thymelaeaceae), det. PERTH staff PERTH 05056454, 1 ♀ (AMNH_PBI 00110538) (AMNH). Mosman Park, Perth, 32.17583°S 115.76583°E, 07 Aug 1999, G. Cassis, 5 ♂ (UNSW_ENT 00044184-UNSW_ENT

00044188), 12♀ (UNSW_ENT 00044189-UNSW_ENT 00044200), 2♂ (UNSW_ENT 00045330, UNSW_ENT 00045331) *Leptospermum squarrosum* C.F. Gaertn. (Myrtaceae), 2♀ (UNSW_ENT 00044912, UNSW_ENT 00044913) (AM). Mosman Park, Perth, 32.0209°S 115.7687°E, 20 m, 24 Nov 1998, G. Cassis, *Agonis flexuosa* (Willd.) Sweet (Myrtaceae) PERTH05227410, 15♂ (UNSW_ENT 00043642-UNSW_ENT 00043648, UNSW_ENT 00043650-UNSW_ENT 00043657), 24♀ (UNSW_ENT 00043658-UNSW_ENT 00043681), 1 sex unknown (UNSW_ENT 00043682) (AM); 30 Nov 1998, G. Cassis, *Agonis flexuosa* (Willd.) Sweet (Myrtaceae) PERTH05227410, 3♂ (UNSW_ENT 00044090-UNSW_ENT 00044092), 2♀ (UNSW_ENT 00044093, UNSW_ENT 00044094) *Eucalyptus* sp. (Myrtaceae) PERTH05227305, 1♂ (UNSW_ENT 00044096), 1♀ (UNSW_ENT 00044097), 2♂ (UNSW_ENT 00045322, UNSW_ENT 00045323) (AM); 05 Dec 1998, G. Cassis, *Melaleuca huegelii* Endl. (Myrtaceae) PERTH052272725, 7♂ (UNSW_ENT 00043683-UNSW_ENT 00043689), 7♀ (UNSW_ENT 00043690-UNSW_ENT 00043696) (AM); 15 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Agonis flexuosa* (Willd.) Sweet var. *flexuosa-delete* (Myrtaceae), det. PERTH staff PERTH 05670152, 15♂ (UNSW_ENT 00008433-UNSW_ENT 00008447), 12♀ (UNSW_ENT 00008457-UNSW_ENT 00008468) (AM). Mosman Park, Perth, trail b/w Minum Cove Park and Chidley Point Reserve, 32.01573°S 115.7626°E, 15 m, 01 Aug 2005–03 Aug 2005, G. Cassis, 2♀ (UNSW_ENT 00045210, UNSW_ENT 00045212), 1♂ (UNSW_ENT 00045213) (WAMP). Mount Lindesay, 23 km NW of Denmark, 34.85058°S 117.2767°E, 100 m, 17 Dec 1997, Schuh, Cassis, Brailovsky, *Agonis linearifolia* (DC.) Sweet (Myrtaceae) 05095360, 1♀ (UNSW_ENT 00044391) (AM). NW Coastal Hiway 36 km N of Kalbarri Road, 27.62473°S 114.6902°E, 500 m, 29 Oct 1996, Schuh and Cassis, 1♀ (UNSW_ENT 00044390), 1♂ (UNSW_ENT 00045937) (AM). Nambung National Park, White Desert, 30.65056°S 115.13451°E, 19 m, 30 Oct 1987, M. Irwin & E. I. Schlinger, 1♂ (AMNH_PBI 00242759), 1♀ (AMNH_PBI 00242760) (CAS). Newman's Rock, 05 Sep 1990, G. Cassis, 2♂ (UNSW_ENT 00045933, UNSW_ENT 00045935) *Pimelea* sp. (Thymelaeaceae), 8♂ (UNSW_ENT 00044376-UNSW_ENT 00044383), 6♀ (UNSW_ENT 00044384-UNSW_ENT 00044389) (AM). N of Waneroo, 31.08294°S 115.5544°E, 150 m, 02 Nov 1996, Schuh and Cassis, 3♀ (UNSW_ENT 00045024-UNSW_ENT 00045026) (AM), *Melaleuca* sp. (Myrtaceae), 1♂ (AMNH_PBI 00110543), 2♀ (AMNH_PBI 00110550, AMNH_PBI 00110551) (AMNH). Pallarup Nature Reserve, west side, 33.26485°S 119.7565°E, 310 m, 05 Dec 1997, Schuh, Cassis, Brailovsky, Asquith, 1♀ (UNSW_ENT 00044099), 1♂ (UNSW_ENT 00045324) (AM). Peak Charles National Park Campground, 32.88335°S 121.1703°E, 300 m, 20 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Olearia dampieri* (A.Cunn. ex DC.) Lander MS *subsp. eremicola* (Asteraceae), det. PERTH staff PERTH 05670764, 1♂ (AMNH_PBI 00404610) (AM). Perth, 31.9554°S 115.85858°E, 07 Dec 1971, J. A. Slater, 2♂ (AMNH_PBI 00392914, AMNH_PBI 00392915) (AMNH); 10 Dec 1971, J. A. Slater, 4♂ (AMNH_PBI 00392901-AMNH_PBI 00392904), 3♀ (AMNH_PBI 00392905-AMNH_PBI 00392907) (AMNH); 12 Dec 1971–14 Dec 1971, J. A. Slater, 3♂ (AMNH_PBI 00392886-AMNH_PBI 00392888), 10♀ (AMNH_PBI 00392889-AMNH_PBI 00392898) (AMNH); 14 Dec 1971, J. A. Slater, 2♂ (AMNH_PBI 00392899, AMNH_PBI 00392900) (AMNH); 17 Dec 1971, J. A. Slater, 4♂ (AMNH_PBI 00392908-AMNH_PBI 00392911), 2♀ (AMNH_PBI 00392912, AMNH_PBI 00392913) (AMNH). Perth, 31.9333°S 115.8333°E, 32 m, 07 Dec 1971, J. A. Slater, *Melaleuca raphiophylla* Schauer (Myrtaceae), 1♂ (AMNH_PBI 00110750) (AMNH). Pinnacles Desert, Nambung NP, 30.60444°S 115.15611°E, 130 m, 25 Nov 1998, G. Cassis, *Exocarpos aphyllus* R. Br. (Santalaceae) PERTH 05227356, 1♀ (AMNH_PBI 00404540) (AM). Point Road Campground. Leeuwin Naturaliste National Park, 34.09361°S 115.02416°E, 74 m, 03 Dec 1998, G. Cassis, *Cassytha racemosa* Nees (Lauraceae), det. Perth staff PERTH05227259, 1♀ (AMNH_PBI 00404542) (AM). Point Road Campground. Leeuwin Naturaliste National Park, 34.09361°S 115.01638°E, 50 m, 02 Dec 1998, G. Cassis, *Dryandra sessilis* (Knight) Domin (Proteaceae), 1♀ (AMNH_PBI 00404541) (AM). Poison Creek Beach, Cape Arid National Park, 33.90416°S 123.3519°E, 2 m, 25 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Olearia axillaris* (DC.) Benth. (Asteraceae) PERTH05670918, 1♂ (UNSW_ENT 00044358), 2♀ (UNSW_ENT 00044359, UNSW_ENT 00044360) *Scaevola crassifolia* Labill. (Goodeniaceae) PERTH05671361, 2;u (UNSW_ENT 00044361, UNSW_ENT 00044362) *Melaleuca viminea* Lindl. (Myrtaceae) PERTH05671884, 2♂ (UNSW_ENT 00044344, UNSW_ENT 00044345), 9♀ (UNSW_ENT 00044346-UNSW_ENT 00044354), 3;u (UNSW_ENT 00044355-UNSW_ENT 00044357) (AM). Ravensthorpe, 33.58333°S 120.03333°E, 06 Dec 1997, Schuh, Cassis, Brailovsky, Asquith, 1♂ (UNSW_ENT 00045327) *Brachychiton* sp. (Malvaceae), 1♂ (UNSW_ENT 00044129), 5♀

(UNSW_ENT 00044130-UNSW_ENT 00044134) (AM). Rockingham, 23 Oct 1974, R. P. McMillan, 1♂ (UNSW_ENT 00045932) (AM), 1♀ (UNSW_ENT 00044412) (WAMP). Rossiter Bay, Cape Le Grande National Park, 33.96726°S 122.2674°E, 3 m, 23 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Ricinocarpos tuberculatus* Muell.Arg. (Euphorbiaceae) PERTH05672333, 1♀ (UNSW_ENT 00043728), 1;u (UNSW_ENT 00043729) *Darwinia vestita* (Endl.) Benth. (Myrtaceae) PERTH05671698, 4♀ (UNSW_ENT 00043724-UNSW_ENT 00043727) (AM). Sandy Cape Recreational Park, N of Jurien Bay, 30.21588°S 115.01483°E, 10 m, 09 Aug 2005, G. Cassis, *Thryptomene sp. lanceolin (m.e. trudgen 14000)* (Myrtaceae), det. WA Herbarium PERTH 07619952, 1♂ (UNSW_ENT 00044161) (AM). Talbot rd Res. Waxcombe, 19k ENE Perth, 11 Nov 1992, T. F. Houston & R. P. McMillan, *Thryptomene sp.* (Myrtaceae), 1♀ (UNSW_ENT 00044414) (WAMP). Torbay Bay Road and South Coast Hiway, 34.99511°S 117.5092°E, 50 m, 17 Dec 1997, Schuh, Cassis, Brailovsky, *Cassytha racemosa* Nees (Lauraceae), det. PERTH staff PERTH 05099692, 4♀ (UNSW_ENT 00044368-UNSW_ENT 00044371) (AM). Tortoise Res. 24 mi N Perth, 31.58918°S 115.87506°E, 16 Dec 1971, J. A. Slater, *Nuytsia floribunda* (Labill.) G. Don (Loranthaceae), 1♂ (AMNH_PBI 00392881), 4♀ (AMNH_PBI 00392882-AMNH_PBI 00392885) (AMNH). Walheroo National Park, 08 Sep 1990, G. Cassis, 1♀ (UNSW_ENT 00044375) (AM). West Beach, Fitzgerald River National Park, 33.95175°S 119.9769°E, 20 m, 28 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, 1♂ (UNSW_ENT 00043751) (AM). Windy Harbour, S of Pemberton, 34.81205°S 116.04476°E, 2 m, 06 Jan 1961, J. L. Gressitt, 1♂ (UNSW_ENT 00044338) (BPBM). Yalgorup National Park, near Martins Tank Campground, 32.84222°S 115.66222°E, 15 m, 14 Dec 1997, Schuh, Cassis, Brailovsky, *Rhagodia sp.* (Chenopodiaceae), det. PERTH staff PERTH 05054990, 1♀ (AMNH_PBI 00110531) (AMNH), *Rhagodia sp.* (Chenopodiaceae), det. PERTH staff PERTH 05054990, 1♂ (AMNH_PBI 00398994) (CNC). Yanchep National Park, 31.534°S 115.68°E, 08 Dec 1971, J. A. Slater, *Hardenbergia comptoniana* Benth. (Fabaceae), 1♂ (AMNH_PBI 00392918) *Agonis flexuosa* (Willd.) Sweet (Myrtaceae), 1♂ (AMNH_PBI 00392919) (AMNH). adjacent to N boundary of Lake Shaster Nature Reserve, 33.83958°S 120.9291°E, 40 m, 27 Nov 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Lambertia inermis* R.Br. (Proteaceae), det. PERTH staff PERTH 05612594, 2♀ (UNSW_ENT 00007843, UNSW_ENT 00007844) *Baeckea pachyphylla* Benth. (Myrtaceae), det. PERTH staff PERTH 05612616, 2♀ (UNSW_ENT 00044339, UNSW_ENT 00044340) *Lambertia inermis* R.Br. (Proteaceae), det. PERTH staff PERTH 05612594, 1♂ (UNSW_ENT 00007842) (AM). ca 13 km E of Denmark on South Coast Hiway, 34.99397°S 117.5086°E, 80 m, 01 Dec 1999, R.T. Schuh, G. Cassis, and R. Silveira, *Melaleuca spathulata* Schauer (Myrtaceae) PERTH05670314, 1♂ (UNSW_ENT 00043730) *Hakea prostrata* R. Br. (Proteaceae) PERTH05672236, 1♀ (UNSW_ENT 00043731) (AM). nr. Jarrahdale, Serpentine Dam, 32.402°S 116.103°E, 09 Dec 1971, J. A. Slater, *Agonis linearifolia* (DC.) Sweet (Myrtaceae), 6♂ (AMNH_PBI 00392863-AMNH_PBI 00392868), 12♀ (AMNH_PBI 00392869-AMNH_PBI 00392880) (AMNH).

Micromimetes celiae sp. nov

Holotype: AUSTRALIA: Northern Territory: Fish River Station, S24b camp, 14.0981°S 130.79442°E, 53 m, 24 Apr 2012, C. Symonds, 1♀ (UNSW_ENT 00025813) (UNSW).

Paratypes: AUSTRALIA: Northern Territory: Fish River Station, S24b camp, 14.0981°S 130.79442°E, 53 m, 24 Apr 2012, C. Symonds, 2♀ (UNSW_ENT 00025812, UNSW_ENT 00025814) (UNSW).

Micromimetes hannahae sp. nov

Holotype: AUSTRALIA: Norfolk Island: Norfolk Island National Park, Mount Bates track, 29.01688°S 167.93822°E, 240 m, 17 Apr 2011, N. Tatarnic & A. Namyatova, 1♂ (UNSW_ENT 00027510) (UNSW).

Paratypes: AUSTRALIA: Norfolk Island: Norfolk Island National Park, Mount Bates track, 29.01688°S 167.93822°E, 240 m, 17 Apr 2011, N. Tatarnic & A. Namyatova, 1♂ (UNSW_ENT 00027506) (UNSW); 18 Apr 2011, N. Tatarnic & A. Namyatova, 1♂ (UNSW_ENT 00027507) (UNSW).

Micromimetes nikolai sp. nov

Holotype: AUSTRALIA: Norfolk Island: Bumbora Reserve, 29.05756°S 167.94136°E, 38 m, 22 Apr 2011, N. Tatarnic & A. Namyatova, 1♂ (UNSW_ENT 00027515) (UNSW).

Paratypes: AUSTRALIA: Norfolk Island: ‘Troy’s house’, Captain Quintal Drive, behind airport, 29.04721°S 167.93188°E, 79 m, 20 Apr 2011, N. Tatarnic & A. Namyatova, 2♂ (UNSW_ENT 00027503, UNSW_ENT 00027505), 1♀ (UNSW_ENT 00027511) (UNSW). Anson Bay Res., 29.01044°S 167.92509°E, 104 m, 24 Mar 1984, E. D. Edwards, 1♀ (UNSW_ENT 00045635) (ANIC). Highlands Guesthouse, 29.02375°S 167.94957°E, 135 m, 20 Mar 1984, P. Greenslade, 1♂ (UNSW_ENT 00045615), 1♀ (UNSW_ENT 00045616) (ANIC); 02 Apr 1984–09 Apr 1984, J. Feehan, 1♀ (UNSW_ENT 00045619) (ANIC); 14 Nov 1984–02 Dec 1984, L. Hill, 2♀ (UNSW_ENT 00045618, UNSW_ENT 00045620) (ANIC); 14 Nov 1984–02 Dec 1984, T.A. Weir, 1♂ (UNSW_ENT 00045617) (ANIC). Norfolk Island National Park, 29.01998°S 167.9404°E, 180 m, 22 Mar 1984, E. D. Edwards, 1♀ (UNSW_ENT 00045630) (ANIC). Norfolk Island National Park, Bridle Track (entrance from Captain Cook Memorial), 29.00563°S 167.94788°E, 108 m, 21 Apr 2011, N. Tatarnic & A. Namyatova, 1♂ (UNSW_ENT 00027504) (UNSW). Norfolk Island National Park, Mount Pitt, 29.00845°S 167.94053°E, 220 m, 02 Apr 1984, E. D. Edwards, 1♂ (UNSW_ENT 00045629) (ANIC). Norfolk Island National Park, Mount Bates, 29.01562°S 167.93703°E, 300 m, 05 Apr 1984, E. D. Edwards, 1♂ (UNSW_ENT 00045626) (ANIC); 08 Apr 1984, E. D. Edwards, 1♂ (UNSW_ENT 00045624) (ANIC); 09 Apr 1984, E. D. Edwards, 1♂ (UNSW_ENT 00045625), 2♀ (UNSW_ENT 00045627, UNSW_ENT 00045628) (ANIC). Norfolk Island National Park, Mount Bates summit, 29.01622°S 167.93633°E, 307 m, 17 Apr 2011, N. Tatarnic & A. Namyatova, 1♂ (UNSW_ENT 00046040) (UNSW). Norfolk Island National Park, Mount Bates track, 29.01688°S 167.93822°E, 240 m, 18 Apr 2011, N. Tatarnic & A. Namyatova, 1♀ (UNSW_ENT 00027512) (UNSW). Phillip Island, Upper Long Valley, 29.12042°S 167.95057°E, 123 m, 26 Mar 1984, E. D. Edwards, 3♂ (UNSW_ENT 00045600-UNSW_ENT 00045602), 1♀ (UNSW_ENT 00045603) (ANIC); 20 Nov 1984–24 Nov 1984, I. D. Naumann, 3♂ (UNSW_ENT 00045595-UNSW_ENT 00045597), 2♀ (UNSW_ENT 00045598, UNSW_ENT 00045599) (ANIC); 20 Nov 1984–24 Nov 1984, L. Hill, 1♀ (AMNH_PBI 00381753) (AM), 2♀ (UNSW_ENT 00045592, UNSW_ENT 00045593), 1♂ (UNSW_ENT 00045591), 1♀ (UNSW_ENT 00045594) (ANIC). Phillip Island, between Red Road & Whitewood Valleys, 29.11705°S 167.95242°E, 70 m, 20 Nov 1984–24 Nov 1984, L. Hill, 1♂ (UNSW_ENT 00045631), 3♀ (UNSW_ENT 00045632-UNSW_ENT 00045634) (ANIC). Selwyn Pine Road, 29.0146°S 167.9471°E, 190 m, 22 Mar 1984, E. D. Edwards, 1♂ (UNSW_ENT 00045621) (ANIC); 23 Mar 1984, E. D. Edwards, 1♀ (UNSW_ENT 00045623) (ANIC); 25 Mar 1984, E. D. Edwards, 1♂ (UNSW_ENT 00045622) (ANIC). Two Chimneys Road, 29.03458°S 167.987°E, 124 m, 19 Apr 2011, N. Tatarnic & A. Namyatova, 1♂ (UNSW_ENT 00027683), 2♂ (UNSW_ENT 00027508, UNSW_ENT 00027509), 1♀ (UNSW_ENT 00027513) (UNSW). nr Highlands Guesthouse, Stop 1, 29.02039°S 167.94912°E, 125 m, 20 Mar 1984–26 Mar 1984, D.C.F. Rentz, 8♀ (UNSW_ENT 00045606-UNSW_ENT 00045613), 3♀ (UNSW_ENT 00045604, UNSW_ENT 00045605, UNSW_ENT 00045614) (ANIC). Other Specimens Examined: AUSTRALIA: Norfolk Island: ‘Troy’s house’, Captain Quintal Drive, behind airport, 29.04721°S 167.93188°E, 79 m, 20 Apr 2011, N. Tatarnic & A. Namyatova, 1 sex unknown (UNSW_ENT 00027576) (UNSW). Two Chimneys Road, 29.03458°S 167.987°E, 124 m, 19 Apr 2011, N. Tatarnic & A. Namyatova, 1;u (UNSW_ENT 00027577) (UNSW).

Micromimetes pictipes Eyles, 1999

AMERICAN SAMOA: Tutuila Island: Taputimu Farm, 14.36°S 170.77°W, 29 Oct 1963, N. R. Spencer, 1♂ (AMNH_PBI 00381723) (BPBM). COOK ISLANDS: Aitutaki: Amuri, 18.8667°S 159.7667°W, 50 m, Dec 1977, N. L. H. Krauss, 2♂ (AMNH_PBI 00323044, AMNH_PBI 00323045), 3♀ (AMNH_PBI 00323046-AMNH_PBI 00323048) (AMNH); Nov 1979, N. L. H. Krauss, 3♂ (AMNH_PBI 00381985, AMNH_PBI 00419052, AMNH_PBI 00419053), 2♀ (AMNH_PBI 00419054, AMNH_PBI 00419055) (BPBM); 02 Dec 1979, N.L.H. Krauss, 1♂ (AMNH_PBI 00419059) (BPBM). Amuri, 18.8667°S 159.7667°W, 25 m,

Nov 1977, N. L. H. Krauss, 4♂ (AMNH_PBI 00381986, AMNH_PBI 00419056-AMNH_PBI 00419058) (BPBM). Maungapu at or nr top, 18.8389°S 159.78047°W, 91 m, 29 Jul 2009, A.C. Eyles, *Basilicum polystachyon* (L.) Moench (Lamiaceae), 2♂ (AMNH_PBI 00419039, AMNH_PBI 00419040) *Basilicum polystachyon* (L.) Moench (Lamiaceae), 1; (AMNH_PBI 00419044) (BPBM), *Basilicum polystachyon* (L.) Moench (Lamiaceae), 1♀ (AMNH_PBI 00381745) (NZAC). Maungapu top, 18.83877°S 159.78031°W, 94 m, 29 Jul 2009, A.C. Eyles, *Sida rhombifolia* L. (Malvaceae), 2♀ (AMNH_PBI 00419042, AMNH_PBI 00419043) (BPBM). on road up to Maungapu, 18.83915°S 159.78214°W, 58 m, 29 Jul 2009, A.C. Eyles, *Basilicum polystachyon* (L.) Moench (Lamiaceae), 1♂ (AMNH_PBI 00419041) (BPBM), *Basilicum polystachyon* (L.) Moench (Lamiaceae), 1♂ (AMNH_PBI 00381694) (NZAC). roadside near Tamanu Beach, 18.84727°S 159.79264°W, 24 m, 29 Jul 2009, A.C. Eyles, *Ocimum gratissimum* L. (Lamiaceae), 1♂ (AMNH_PBI 00419035), 3♀ (AMNH_PBI 00419036-AMNH_PBI 00419038) (BPBM). Mauke: NE sector makatea, 20.14828°S 157.3374°W, 25 m, 01 Dec 1984, G. Paulay, *Pipturus* sp. (Urticaceae), 5♀ (AMNH_PBI 00419068-AMNH_PBI 00419072) (BPBM). Rarotonga: Avana Valley, 21.2508°S 159.74614°W, 50 m, 02 Mar 1979, N.L.H. Krauss, 1♂ (AMNH_PBI 00419060) (BPBM). Avarua, 21.2111°S 159.77033°W, 50 m, Nov 1977, N. L. H. Krauss, 2♂ (AMNH_PBI 00323042, AMNH_PBI 00323043) (AMNH); Oct 1979, N.L.H. Krauss, 3♀ (AMNH_PBI 00419065-AMNH_PBI 00419067) (BPBM); Nov 1979, N.L.H. Krauss, 1♂ (AMNH_PBI 00419061), 3♀ (AMNH_PBI 00419062-AMNH_PBI 00419064) (BPBM). Avatiu Valley, 21.22564°S 159.79382°W, 75 m, Dec 1977, N. L. H. Krauss, 1♀ (AMNH_PBI 00323040) (AMNH). Titkaveka, 21.26621°S 159.74959°W, 50 m, Dec 1977, N. L. H. Krauss, 1♂ (AMNH_PBI 00323041) (AMNH). Uruau Drive, 21.22486°S 159.79255°W, 85 m, 28 Jul 2009, A.C. Eyles, *Ocimum gratissimum* L. (Lamiaceae), 3♀ (AMNH_PBI 00419045-AMNH_PBI 00419047) (BPBM). start of Cross Island walk, N side, 21.21184°S 159.78898°W, 20 m, 28 Jul 2009, A.C. Eyles, *Basilicum polystachyon* (L.) Moench (Lamiaceae), 4♀ (AMNH_PBI 00419048-AMNH_PBI 00419051) (BPBM). FIJI: Central Division: Levuka, Ovalau Is, 17.68039°S 178.82994°E, 100 m, Nov 1975, N.L.H. Krauss, 1♂ (AMNH_PBI 00419020), 1♀ (AMNH_PBI 00419021) (BPBM). Lau Group: Avea, [near Vanua Balavu Is.], Lau, Fiji, 17.19501°S 178.9112°W, 14 m, 22 Sep 1924, E. H. Bryan, Jr., 1♀ (AMNH_PBI 00381756) (BPBM). Mango [Mago], Lau, 17.45081°S 179.15455°W, 18 m, 18 Sep 1924, E. H. Bryan, Jr., 1♂ (AMNH_PBI 00419025), 1♀ (AMNH_PBI 00419026) (BPBM). Lomaiviti Archipelago: Wakaya Island, 17.6033°S 178.98482°E, 17 Oct 1924, E.H. Bryan, Jr., 1♀ (AMNH_PBI 00419027) (BPBM). Ovalau: Lewvuka, 17.68134°S 178.82857°E, 100 m, Nov 1975, N. L. H. Krauss, 1♂ (AMNH_PBI 00381736) (BPBM). Vanua Levu: Mbouma [Bouma], Tavenuni Island, 16.82009°S 179.87068°W, 25 m, 25 Jan 1972, N.L.H. Krauss, 1♀ (AMNH_PBI 00419028) (BPBM). Trans-Insular Road, above summit, 16.62865°S 179.19914°E, 525 m, 06 Oct 1979–09 Oct 1979, S.N. Lal, G.A. & S.L. Samuelson, 1♂ (AMNH_PBI 00381730) (BPBM). Viti Levu: 3.7 km S of Nadi, Seashell Cove Road, 17.81931°S 177.3922°E, 9 m, 08 Apr 1990, J. Heraty, 1♂ (AMNH_PBI 00290679) (TAMU). 12.7 km N of Sigatoka, 18.05716°S 177.55586°E, 34 m, 07 Apr 1990, J. Heraty, 3♂ (AMNH_PBI 00290672-AMNH_PBI 00290674), 2♀ (AMNH_PBI 00290675, AMNH_PBI 00290676) (TAMU). 16.3 km NW of Sigatola, 18.04728°S 177.48575°E, 244 m, 08 Apr 1990, J. Heraty, 1♂ (AMNH_PBI 00290677), 1♀ (AMNH_PBI 00290678) (TAMU). Kalekana to Mount Korobab [Nakorombamba] (nr. Lami), 18.09415°S 178.38322°W, 170 m, 30 Sep 1979, G.A. and S.L. Samuelson, 3♂ (AMNH_PBI 00381727, AMNH_PBI 00419022, AMNH_PBI 00419023), 2♀ (AMNH_PBI 00381755, AMNH_PBI 00419024) (BPBM). Korotongo, 18.17575°S 177.55112°E, 50 m, Mar 1981, N. L. H. Krauss, 1♂ (AMNH_PBI 00323063), 1♀ (AMNH_PBI 00323064) (AMNH), 1♂ (AMNH_PBI 00381732) (BPBM), 2♂ (AMNH_PBI 00418961, AMNH_PBI 00418962) (USNM). Lololo For. Sta., 16 km E of Lautoka, 17.66612°S 177.53559°E, 427 m, 06 Apr 1990, J. Heraty, 4♀ (AMNH_PBI 00290681-AMNH_PBI 00290684) (TAMU). Nadi [Nandi], 17.81451°S 177.44219°E, 25 m, Nov 1978, N. L. H. Krauss, 3♀ (AMNH_PBI 00323060-AMNH_PBI 00323062) (AMNH); 11 Nov 1980, N. L. H. Krauss, 1♂ (AMNH_PBI 00323059) (AMNH); Mar 1981, N. L. H. Krauss, 2♂ (AMNH_PBI 00323050, AMNH_PBI 00323051), 4♀ (AMNH_PBI 00323052-AMNH_PBI 00323055) (AMNH), 5♀ (AMNH_PBI 00419029-AMNH_PBI 00419033) (BPBM); Apr 1981, N. L. H. Krauss, 1♂ (AMNH_PBI 00323056), 2♀ (AMNH_PBI 00323057, AMNH_PBI 00323058) (AMNH), 1♀ (AMNH_PBI 00419034) (BPBM). Nadi [Nandi], 17.79943°S 177.41712°E, 9 m, 05 Mar 1945, D.G. Hall, 2♀ (AMNH_PBI 00165037, AMNH_PBI 00165038) (USNM). Nandarivatu, 17.566°S 177.966°E, 05 Apr 1990, J. Heraty, 1♀ (AMNH_PBI 00290680) (TAMU). Saweni Beach (NE),

17.64688°S 177.39766°E, 6 m, 04 Apr 1990, J. Heraty, 2♂ (AMNH_PBI 00290685, AMNH_PBI 00290686), 3♀ (AMNH_PBI 00290687-AMNH_PBI 00290689) (TAMU). Suva, 18.14132°S 178.44142°E, 55 m, 07 Sep 1940, R. Lever, *Solanum* sp. (Solanaceae), 2♂ (AMNH_PBI 00242736, AMNH_PBI 00242744) (CAS). FRENCH POLYNESIA: Austral Islands: Raivavae Is. Co.: Motu Vaiamanu, 23.88188°S 147.62035°W, 21 Nov 2002, R. Englund, *Chamaesyce fosbergii* J. Florence (Euphorbiaceae), 2♂ (AMNH_PBI 00381700, AMNH_PBI 00419166), 4♀ (AMNH_PBI 00381701, AMNH_PBI 00381832, AMNH_PBI 00381831, AMNH_PBI 00381830) (BPBM). Pahunu, Mahanatoa area, 23.85602°S 147.65691°W, 100 m, 04 Dec 2002, R. Englund, *Santalum* sp. (Santalaceae), 1♂ (AMNH_PBI 00381695), 1♀ (AMNH_PBI 00381699) (BPBM). base of Mount Taraia, 23.8794°S 147.67°W, 235 m, 19 Nov 2002, R. Englund, *Coprosma* sp. (Rubiaceae), 1♀ (AMNH_PBI 00419172) (BPBM). Rapa Is. Co.: Mount Teape, S slope, 27.63391°S 144.33129°W, 244 m, 02 Sep 1934, E. C. Zimmerman, *Crotalaria* sp. (Fabaceae), 1♂ (AMNH_PBI 00381734), 3♀ (AMNH_PBI 00419001-AMNH_PBI 00419003) (BPBM). Rimatara Is. Co.: Mato nr. airport, 22.63914°S 152.81319°W, 7 m, 29 Oct 2004, R. Englund, *Premna* sp. (Verbenaceae), 1♂ (AMNH_PBI 00381698), 1♀ (AMNH_PBI 00381708) (BPBM). near Airport runway, 22.6387°S 152.8134°W, 20 m, 28 Oct 2004, R. Englund, *Pipturus argenteus* (G.Forst.) Wedd. (Urticaceae), 4♂ (AMNH_PBI 00419167-AMNH_PBI 00419170), 1♀ (AMNH_PBI 00419171) (BPBM). Rurutu Is. Co.: Mount Teape, S. slope, 27.63391°S 144.33129°W, 305 m, 02 Sep 1934, E.C. Zimmerman, *Metrosideros* sp. (Myrtaceae), 1♂ (AMNH_PBI 00418982) (BPBM). Mount Taatioe, summit, 22.46357°S 151.36273°W, 217 m, 26 Nov 2003, R. Englund, *Pipturus argenteus* (G.Forst.) Wedd. (Urticaceae), 2♀ (AMNH_PBI 00381706, AMNH_PBI 00381707) *Pipturus argenteus* (G.Forst.) Wedd. (Urticaceae), 1♂ (AMNH_PBI 00384839) (BPBM). PitoTrack road from Moerai and Avera, 22.46237°S 151.34344°W, 200 m, 17 Nov 2003, D. Percy, *Dicranopteris* sp. (Gleicheniaceae), 1♂ (AMNH_PBI 00419165) (BPBM). Plateau Paparai, 22.50385°S 151.32962°W, 80 m, 22 Nov 2003, R. Englund, *Dodonaea viscosa* Jacq. (Sapindaceae), 1♀ (AMNH_PBI 00419175) (BPBM). Rurutu Is., S side, Astrals, 22.52292°S 151.34158°W, 24 m, 28 Nov 1934, Templeton Crocker, 1♀ (AMNH_PBI 00242745), 1♂ (AMNH_PBI 00242746) (CAS). Upopepe Valley, 22.4726°S 151.34946°W, 30 m, 27–08–1934, E. C. Zimmerman, *Crotalaria* sp. (Fabaceae), 2♂ (AMNH_PBI 00418989, AMNH_PBI 00418990), 6♀ (AMNH_PBI 00418991-AMNH_PBI 00418996) (BPBM). road to Avera, 22.46687°S 151.36754°W, 79 m, 20 Nov 2003, R. Englund, *Pipturus argenteus* (G.Forst.) Wedd. (Urticaceae), 2♀ (AMNH_PBI 00419173, AMNH_PBI 00419174) *Pipturus argenteus* (G.Forst.) Wedd. (Urticaceae), 2♂ (AMNH_PBI 00419163, AMNH_PBI 00419164) (BPBM). road to Avera, gully, 22.46687°S 151.36754°W, 79 m, 20 Nov 2003, R. Englund, *Pipturus argenteus* (G.Forst.) Wedd. (Urticaceae), 9♂ (AMNH_PBI 00381697, AMNH_PBI 00381705, AMNH_PBI 00381826, AMNH_PBI 00381825, AMNH_PBI 00381824, AMNH_PBI 00381820, AMNH_PBI 00382027, AMNH_PBI 00382024, AMNH_PBI 00382022), 5♀ (AMNH_PBI 00381823, AMNH_PBI 00381822, AMNH_PBI 00382026, AMNH_PBI 00382025, AMNH_PBI 00382023) (BPBM). Tubuai Is. Co.: Mount Tamatoa, 23.38851°S 149.44681°W, 240 m, 13 Nov 2003, D. Percy, *Celtis pacifica* Planch. (Cannabaceae), 4♀ (AMNH_PBI 00381704, AMNH_PBI 00381703, AMNH_PBI 00381829, AMNH_PBI 00381828) (BPBM). Mount Tonarutu, 23.38383°S 149.50754°W, 71 m, 11 Nov 2003, R. Englund, *Xylosma suaveolens* (Flacourtiaceae), 1♂ (AMNH_PBI 00381696), 2♀ (AMNH_PBI 00381702, AMNH_PBI 00381827) (BPBM). Marquesas Islands: Eiao Island Co.: near centre, 7.99486°S 140.69089°W, 507 m, 28 Nov 1927, A.M. Adamson, *Hibiscus tiliaceus* L. (Malvaceae), 1♀ (AMNH_PBI 00420148) (BPBM). Fatu Hiva Co.: Ouia Valley, 10.51131°S 138.66552°W, 152 m, 02 Sep 1930, LeBronnec, *Premna tahitensis* Schauer (Verbenaceae), 1♀ (AMNH_PBI 00418997) *Tephrosia purpurea* (L.) Pers. (Fabaceae), 1♀ (AMNH_PBI 00419000) *Melochia L. umbellata* (Houtt.) Stapf (Malvaceae), 2♀ (AMNH_PBI 00418998, AMNH_PBI 00418999) (BPBM). Moho Tani Co.: Mohotani Is., above Anaoa, 10.00614°S 138.822°W, 99 m, 13 Aug 1929, Mumford and Adamson, *Waltheria lophanthus* G. Forst. (Sterculiaceae), 4♂ (AMNH_PBI 00381724, AMNH_PBI 00418983-AMNH_PBI 00418985), 3♀ (AMNH_PBI 00418986-AMNH_PBI 00418988) (BPBM). Society Islands: Bora Bora Co.: Pahia Trail, 16.49921°S 151.74026°W, 500 m, 27 Nov 1988–28 Nov 1988, S. L. Montgomery and B. H. Gagne, 3♀ (AMNH_PBI 00419103-AMNH_PBI 00419105), 5♂ (AMNH_PBI 00419098-AMNH_PBI 00419102) (BPBM). Vaitape, 0–100m, 16.50589°S 151.74665°W, 50 m, Sep 1969, N.L.H. Krauss, 1♂ (AMNH_PBI 00419079), 1♀ (AMNH_PBI 00419080) (BPBM). Huahine Nui Is. Co.: Mount Turi, 400–510 m, 16.71833°S 151.00572°W, 500 m, 06 Nov 1977–07 Nov 1977, B.H. & W.C. Gagne, 1♀

(AMNH_PBI 00419090) (BPBM). Maupiti Is. Co.: Maupiti I., summit forest, 16.44585°S 152.25875°W, 280 m, 03 Oct 1988, S. L. Montgomery, 8♂ (AMNH_PBI 00419106-AMNH_PBI 00419110, AMNH_PBI 00419113, AMNH_PBI 00419111, AMNH_PBI 00419112), 12♀ (AMNH_PBI 00419117-AMNH_PBI 00419128) (BPBM). Mehetia Is. Co.: Mehetia, 400m, 17.87409°S 148.06834°W, 385 m, 14 Sep 1977, W.C. Gagne, 2♂ (AMNH_PBI 00419085, AMNH_PBI 00419086), 3♀ (AMNH_PBI 00419087-AMNH_PBI 00419089) (BPBM). Moorea Is. Co.: Mouaputa, above first rope, 18:30 h, 17.52957°S 149.8031°W, 475 m, 08 Nov 2008, C. Ewing, 1♂ (AMNH_PBI 00381725) (UCB). no specific locality, 17.50889°S 149.82261°W, 10 m, 28 Feb 1975, G. E. Bohart, 1♀ (AMNH_PBI 00075499) (USU). Raiatea Is. Co.: Uturoa, sea level, 16.8223°S 151.4205°W, 1 m, 31 Aug 1977, W.C. Gagne, 3♂ (AMNH_PBI 00419073-AMNH_PBI 00419075), 3♀ (AMNH_PBI 00419076-AMNH_PBI 00419078) (BPBM). Tahiti Is. Co.: Faaa, along road, top of little valley nr hab., 17.57°S 149.5986°W, 143 m, 01 Apr 2009, B. Balukjian, *Mangifera indica* L. (Anacardiaceae), 1♂ (AMNH_PBI 00381722) (UCB). Papeete, 17.55208°S 149.56852°W, 126 m, 21 Sep 1924, J.M. Clements, 1♀ (AMNH_PBI 00165034) (USNM); 26 Sep 1924, J.M. Clements, 2♂ (AMNH_PBI 00165032, AMNH_PBI 00165033) (USNM); 25 Nov 1924, J.M. Clements, 1♂ (AMNH_PBI 00165031) (USNM); 27 Nov 1924, J.M. Clements, 1♂ (AMNH_PBI 00165030) (USNM); 30 Jan 1925, J.M. Clements, 1♂ (AMNH_PBI 00165029) (USNM); 31 Jan 1925, J.M. Clements, 1♀ (AMNH_PBI 00165035) (USNM); 01 Feb 1925, J.M. Clements, 1♀ (AMNH_PBI 00165036) (USNM); 09 Sep 1928, A.M. Adamson, 1♀ (AMNH_PBI 00418978) (BPBM). Papeete, 0–100 m, 17.533°S 149.566°W, Mar 1955, N.L.H. Krauss, 3♀ (AMNH_PBI 00418979-AMNH_PBI 00418981) (BPBM); 25 Feb 1975, G. E. Bohart, 5♂ (AMNH_PBI 00381718, AMNH_PBI 00075492-AMNH_PBI 00075495), 3♀ (AMNH_PBI 00075496-AMNH_PBI 00075498) (USU). Society Is., Tahiti, 17.55342°S 149.57055°W, 60 m, 09 Sep 1928, A.M. Adamson, 1♂ (AMNH_PBI 00418977) (BPBM). Tuamotu Archipelago: Rangiroa Co.: Avatoru, 0–20m, 14.94155°S 147.70733°W, 8 m, Mar 1971, N. L. H. Krauss, 2♂ (AMNH_PBI 00381733, AMNH_PBI 00419081), 3♀ (AMNH_PBI 00419082-AMNH_PBI 00419084) (BPBM). Îles Tuamotu-Gambier Co.: Taha'a Island, Mount Tete trail, 16.62365°S 151.50445°W, 300 m, 23 Sep 1988–24 Sep 1988, S. L. Montgomery and B. H. Gagne, 3♂ (AMNH_PBI 00419015, AMNH_PBI 00419016, AMNH_PBI 00419129), 3♀ (AMNH_PBI 00419017-AMNH_PBI 00419019) (BPBM). Takarua Atoll: Teavaroa to Honupirau, 0–2m, 14.40556°S 144.85705°W, 1 m, 30 Jun 1984, G.A. Samuelson, *Euphorbia taitensis* Boiss. (Euphorbiaceae), 1♂ (AMNH_PBI 00419097) (BPBM). Takarua Atoll: Teavaroa to Opakari, 0–2m, 14.42962°S 144.98482°W, 1 m, 29 Jun 1984, G.M. Nishida, 2♀ (AMNH_PBI 00419095, AMNH_PBI 00419096) (BPBM); 29 Jun 1984, G.A. Samuelson, *Euphorbia atoto* G. Forst. (Euphorbiaceae), 2♂ (AMNH_PBI 00419091, AMNH_PBI 00419092), 2♀ (AMNH_PBI 00419093, AMNH_PBI 00419094) (BPBM). Tukahora [or Tuuhora], Anaa I. [atoll], Tuamotu Islands, 17.34542°S 145.51684°W, 10 m, 13 May 1934, E.C. Zimmerman, 2♂ (AMNH_PBI 00418970, AMNH_PBI 00418969), 4♀ (AMNH_PBI 00418971-AMNH_PBI 00418974) (BPBM). PITCAIRN: Pitcairn Island: Adamstown, 25.06733°S 130.09984°W, 107 m, 14 Jun 1934, E.C. Zimmerman, 1♂ (AMNH_PBI 00418975) (BPBM). Pitcairn, S side, 25.07675°S 130.1005°W, 152 m, 14 Jun 1934, E. C. Zimmerman, 1♀ (AMNH_PBI 00418976) *Glochidion* sp. (Phyllanthaceae), 1♂ (AMNH_PBI 00381731) (BPBM). Pitcairn Island, 25.07005°S 130.0994°W, 155 m, 23 Dec 1934, Templeton Crocker, 4♀ (AMNH_PBI 00242737-AMNH_PBI 00242740) (CAS); 28 Dec 1934, Unknown, 1♀ (AMNH_PBI 00323049) (AMNH); 31 Dec 1934, Templeton Crocker, 3♀ (AMNH_PBI 00242741-AMNH_PBI 00242743) (CAS). main ridge (IPIT 1–4,6), 25.06727°S 130.11205°W, 295 m, 26 May 1987, Gustav Paulay, fern, 1♀ (AMNH_PBI 00164982) (USNM). SAMOA: Savaii Island: Asau, 13.46666°S 172.58333°W, 400 m, 01 Mar 1977–30 Mar 1977, N. L. H. Krauss, 1♀ (AMNH_PBI 00381994) (BPBM). Asau, 13.53755°S 172.6162°W, 150 m, Sep 1969, N. L. H. Krauss, 2♂ (AMNH_PBI 00381721, AMNH_PBI 00381996), 2♀ (AMNH_PBI 00381995, AMNH_PBI 00381993) (BPBM). Upolu: Afiamalu, 13.91215°S 171.71557°W, 671 m, 10 Jun 1940, Swezey and Zimmerman, Light Trap, 2♂ (AMNH_PBI 00381990, AMNH_PBI 00381987), 1♀ (AMNH_PBI 00381989) (BPBM); 30 Jun 1940, Swezey and Zimmerman, Light Trap, 1♀ (AMNH_PBI 00381992) (BPBM); 06 Jul 1940, Swezey and Zimmerman, Light Trap, 2♀ (AMNH_PBI 00381991, AMNH_PBI 00381988) (BPBM). TONGA: Tongatapu Group: Eua Is. Co.: Hafu, 21.38471°S 174.92173°W, 150 m, Feb 1972, N. L. H. Krauss, 1♂ (AMNH_PBI 00381998) (BPBM). Ohonua, 21.34333°S 174.94885°W, 56 m, Feb 1956, N. L. H. Krauss, 1♂ (AMNH_PBI 00382000) (BPBM). Pangai, 21.36442°S 174.96528°W, 50 m, Feb 1972, N. L. H. Krauss, 1♂ (AMNH_PBI 00381997) (BPBM);

Jan 1979, N. L. H. Krauss, 1♂ (AMNH_PBI 00381999) (BPBM); Jan 1979, N. L. H. Krauss, 1♂ (AMNH_PBI 00382004) (BPBM). hills above Pangai, 21.37399°S 174.92823°W, 200 m, Jan 1979, N. L. H. Krauss, 3♀ (AMNH_PBI 00382003, AMNH_PBI 00382002, AMNH_PBI 00382001) (BPBM). Tongatapu Is. Co.: Nuku'alofa, 21.13544°S 175.19659°W, 6 m, 11 Mar 1966, N. L. H. Krauss, *Calophyllum* sp. (Clusiaceae), 20♂ (AMNH_PBI 00164991-AMNH_PBI 00165010), 14♀ (AMNH_PBI 00165011-AMNH_PBI 00165024) (USNM). Nuku Alofa, 21.1333°S 175.2°W, 1 m, 20 Feb 1975, G. E. Bohart, 3♂ (AMNH_PBI 00381717, AMNH_PBI 00381719, AMNH_PBI 00075500), 3♀ (AMNH_PBI 00075501-AMNH_PBI 00075503) (USU). Tongatapu: Nukualofa, 0–100 m, 21.14°S 175.22°W, Feb 1956, N. L. H. Krauss, 6♀ (AMNH_PBI 00382021, AMNH_PBI 00382020, AMNH_PBI 00382019, AMNH_PBI 00382017, AMNH_PBI 00382016, AMNH_PBI 00382015), 2♂ (AMNH_PBI 00382018, AMNH_PBI 00381726) (BPBM). Vava'u Group: Pangaimotu Is. Co.: Pangai Motu: Pangai, 18.68661°S 173.99776°W, 18 m, Nov 1969, N. L. H. Krauss, 4♀ (AMNH_PBI 00382014, AMNH_PBI 00382013, AMNH_PBI 00382012, AMNH_PBI 00382011) (BPBM). Vava'u Is. Co.: Neiafu, 18.64967°S 173.98428°W, 20 m, Nov 1969, N. L. H. Krauss, 4♀ (AMNH_PBI 00382010, AMNH_PBI 00382009, AMNH_PBI 00382007, AMNH_PBI 00382005), 2♂ (AMNH_PBI 00382008, AMNH_PBI 00382006) (BPBM).

Micromimetes shofneri sp. nov

Holotype: AUSTRALIA: Coral Sea Islands Territory: North-west Herald Cay, 16.94594°S 149.1973°E, 5 m, 21 Jul 2016, R. Shofner & N. Tataranic, *Heliotropium foertherianum* Diane & Hilger (Boraginaceae), det. W. Cooper & J. Westaway, 1♂ (UNSW_ENT 00051638) (UNSW).

Paratypes: AUSTRALIA: Coral Sea Islands Territory: North-west Herald Cay, 16.94594°S 149.1973°E, 5 m, 21 Jul 2016, R. Shofner & N. Tataranic, 1♀ (UNSW_ENT 00051676) *Heliotropium foertherianum* Diane & Hilger (Boraginaceae), det. W. Cooper & J. Westaway, 2♂ (UNSW_ENT 00051639, UNSW_ENT 00051640), 4♀ (UNSW_ENT 00051641-UNSW_ENT 00051643, UNSW_ENT 00051645), Light Trap, 1♀ (UNSW_ENT 00051644) (UNSW).

Other specimens examined: AUSTRALIA: Coral Sea Islands Territory: North-west Herald Cay, 16.94594°S 149.1973°E, 5 m, 21 Jul 2016, R. Shofner & N. Tataranic, *Heliotropium foertherianum* Diane & Hilger (Boraginaceae), det. W. Cooper & J. Westaway, 25 juvenile (UNSW_ENT 00051646-UNSW_ENT 00051670) (UNSW). South-west Islet, Coringa Islets, 16.96773°S 149.90703°E, 8 m, 19 Jul 2016, R. Shofner & N. Tataranic, *Heliotropium foertherianum* Diane & Hilger (Boraginaceae), det. W. Cooper & J. Westaway, 1♂ (UNSW_ENT 00051671), 4 juvenile (UNSW_ENT 00051672-UNSW_ENT 00051675) (UNSW).

Taylorilygus apicalis (Fieber, 1861)

AUSTRALIA: New South Wales: 3 km NE of Harrington, 31.858°S 152.72°E, 03 Dec 1990, G. Williams, *Guioa semiglauca* (Sapindaceae), 1♂ (UNSW_ENT 00045760) (ANIC). 4.5 km S of Pottsville Beach, 28.43123°S 153.5576°E, 29 Oct 1998, Schuh, Cassis, Silveira, *Casuarina equisetifolia* Forst. incana (Casuarinaceae), det. Det: Royal Bot Gard. NSW NSW427475, 1♂ (UNSW_ENT 00044952), 1♀ (UNSW_ENT 00044953) (AM). 7 km N of Broken Hill, 31.88773°S 141.44451°E, 30 Mar 1975, Z. Liepa, 1♀ (UNSW_ENT 00051828) (ANIC). 16 km E of Singleton, 32.56866°S 151.35201°E, 28 Jun 1976, Z. Liepa, 1♂ (UNSW_ENT 00045757) (ANIC). 27 km W of Retreat (30 km E Manilla), 30.66668°S 150.8333°E, 350 m, 24 Oct 1995, Schuh and Cassis, *Canthium odoratum* (G. Forster) Seem. (Rubiaceae), det. K.D. Hill 1996 NSW 395927, 1♂ (UNSW_ENT 00044962) (AM). 72 km N Coonabarabran, 1 km N Big Flat Gully, 30.66668°S 149.5°E, 250 m, 25 Oct 1995, Schuh and Cassis, *Calytrix tetragona* Labill. (Myrtaceae), det. Peter G. Wilson 1996 NSW 395931, 1♂ (UNSW_ENT 00044960) (AM). Beecroft, 33.75319°S 151.06145°E, 27 Oct 1963, O. M. Williams, 1♀ (UNSW_ENT 00051822) (AM). Biniguy, 29.48865°S 150.11511°E, 20 Oct 1971, Unknown, 1♂ (UNSW_ENT 00045796) (AM). Bogan River, 33.0068°S 148.03461°E, 14 Sep 1931, J. Armstrong, 1♂ (UNSW_ENT 00045801) (AM). Booti Booti NP, 32.27972°S 152.52444°E, 14 Nov 1996, L. Wilkie, *Chrysanthemoides monilifera*

(L.) Norl. (Asteraceae), 1♂ (UNSW_ENT 00045812) (AM). Border Ranges National Park, 28.21666°S 153.13333°E, 02 Sep 1991, G. Cassis, 1♀ (UNSW_ENT 00044977) (AM). Congo, 8 km SE by E of Moruya, 35.58°S 150.09°E, 22 Nov 1982–26 Nov 1982, M. S. Upton, 1♀ (UNSW_ENT 00044958), 1♂ (UNSW_ENT 00044959) (AM). Cremorne, 33.82751°S 151.22606°E, 13 Jan 1961, Unknown, 1♀ (UNSW_ENT 00051824) (AM). Gosford, 33.424°S 151.342°E, 13 Apr 1953, P. C. Hely, 4♂ (UNSW_ENT 00045886, UNSW_ENT 00045887), 1♀ (UNSW_ENT 00045886) (ASCU). Grafton Dist., 29.68179°S 152.9318°E, 22 Oct 1971, J.E. Betts, 2♂ (UNSW_ENT 00045795), 1♀ (UNSW_ENT 00045795) (AM). Hallstrom Res., 33.81199°S 151.20141°E, 14 Mar 1981, J. Bruhl, 1♂ (UNSW_ENT 00045808), 1♀ (UNSW_ENT 00045809) (AM); 06 May 1981, J. Bruhl, 2♂ (UNSW_ENT 00045803, UNSW_ENT 00045804), 3♀ (UNSW_ENT 00045805-UNSW_ENT 00045807) (AM). Lake Paramatta, 33.79036°S 151.0089°E, 19 Nov 1974, M. I. Nikitin, 1♂ (UNSW_ENT 00045797) (AM). Lennox Head, 28.78766°S 153.58806°E, 20 m, 25 Sep 1977–26 Sep 1977, W.C. Gagne, 16♂ (UNSW_ENT 00045832-UNSW_ENT 00045847), 18♀ (UNSW_ENT 00045848-UNSW_ENT 00045865), 1 juvenile (UNSW_ENT 00045828) (BPBM). Lennox Head, 28.78766°S 153.58806°E, 15 m, 24 Nov 1985, D. Bickel & G. Cassis, 2♀ (UNSW_ENT 00044967, UNSW_ENT 00044968) (AM). Lennox Head, 28.78766°S 153.58806°E, 28 Sep 1977, W.C. Gagne, 21♂ (UNSW_ENT 00045847-UNSW_ENT 00045867) (BPBM). Macquarie Pass, South Wollongong, 34.56616°S 150.66591°E, 13 Nov 1988, R. de Keyzer, 1♂ (UNSW_ENT 00045772) (AM). Matraville, 33.96376°S 151.23395°E, 04 Sep 1941, Rhubarb, 3♂ (UNSW_ENT 00045890), 8♀ (UNSW_ENT 00045890, UNSW_ENT 00045891) (AM). Mongarlowe, 35.25°S 149.57°E, 31 Oct 1992, D. C. F. Rentz & K. McCarron, 1♂ (UNSW_ENT 00045782) (ANIC). Mount Keira, 34.24°S 150.51°E, 15 Dec 1989, G. Cassis, *Helichrysum* sp. (Asteraceae), 1♂ (UNSW_ENT 00044965), 1♀ (UNSW_ENT 00044970) (AM). Munmorah State Recreational Area, 33.21916°S 151.57083°E, 18 Nov 1996, L. Wilkie, *Leptospermum laevigata* (Myrtaceae), 1♀ (UNSW_ENT 00045814) (AM); 29 May 1997, L. Wilkie, *Chrysanthemoides monilifera* (L.) Norl. (Asteraceae), 1♂ (UNSW_ENT 00045813) (AM); 11 Oct 1997, L. Wilkie, *Leptospermum laevigata* (Myrtaceae), 1♂ (UNSW_ENT 00045811), 1♀ (UNSW_ENT 00045815) (AM). Myall Lakes National Park, 32.487°S 152.39216°E, 15 Nov 1996, L. Wilkie, *Chrysanthemoides monilifera* (L.) Norl. (Asteraceae), 1♂ (UNSW_ENT 00045816), 3♀ (UNSW_ENT 00045817-UNSW_ENT 00045819) (AM). Myall Lakes National Park, Paperbark Flat, Big Gibber, 32.50001°S 152.35°E, 5 m, 19 Oct 1995, Schuh and Cassis, *Phyllota phyllicoides* (Sieber ex DC.) Benth. (Fabaceae), det. P.H. Weston 1996 NSW 395903, 1♂ (UNSW_ENT 00044948), 1♀ (UNSW_ENT 00044949) (AM). Narrabri, 30.32466°S 149.78183°E, 215 m, 30 Oct 1971, Unknown, 3♀ (UNSW_ENT 00051825) (AM). Rydalmere, near Sydney, 33.815°S 151.035°E, 13 Mar 1967, Unknown, 1♂ (UNSW_ENT 00045907) (AM); 26 Apr 1967, Unknown, 3♂ (UNSW_ENT 00045908) (AM); 05 Jun 1967, Unknown, 1♂ (UNSW_ENT 00045794) (AM); 30 Jun 1967, Unknown, 1♀ (UNSW_ENT 00045912) (AM); 07 Jul 1967, Unknown, 2♂ (UNSW_ENT 00045909) (AM); 25 Jun 1969, M. Elshafie, 2♂ (UNSW_ENT 00045878, UNSW_ENT 00045879), 1♀ (UNSW_ENT 00045880) *Erigeron* sp. (Asteraceae), 5♂ (UNSW_ENT 00045783-UNSW_ENT 00045787), 4♀ (UNSW_ENT 00045788-UNSW_ENT 00045791) *Erigeron* sp. (Asteraceae), 1♀ (UNSW_ENT 00045913) (AM), *Erigeron* sp. (Asteraceae), 1♂ (UNSW_ENT 00045777) (ASCU); 01 Oct 1971, Unknown, 1♂ (UNSW_ENT 00045793), 2♀ (UNSW_ENT 00045910) (AM); 15 Oct 1971, Unknown, 1♀ (UNSW_ENT 00045911) (AM); 03 Dec 1974, G. Brown, Light Trap, 1♂ (UNSW_ENT 00045792) (AM); 20 May 1975, J. Longley, 1♂ (UNSW_ENT 00045906) (AM). State Forest W of Ulladulla, above Carters Creek, 35.5152°S 150.0346°E, 200 m, 11 Nov 1995, Schuh and Cassis, *Astrotricha latifolia* Benth. (Araliaceae), det. B.M. Wiecek 1996 NSW 396004, 1♀ (UNSW_ENT 00044972) (AM). State Forest, Yadburra W of Milton, 33.7735°S 149.1012°E, 50 m, 11 Nov 1995, Schuh and Cassis, *Ozothamnus diosmifolius* (Vent.) DC. (Asteraceae), det. J. Everett 1996 NSW 396006, 1♀ (UNSW_ENT 00044973) (AM). Sydney, 33.8652°S 151.2096°E, 1700, K. K. Spence, 1♂ (UNSW_ENT 00045802) (AM); Nov 1967, J. & M. Sedlacek, 1♂ (UNSW_ENT 00045825) (BPBM). Tamworth, 31.09964°S 150.92311°E, 09 Dec 1975, N. W. Forrester, *Helianthus* sp. (Asteraceae), 1♀ (UNSW_ENT 00051823) (AM). Walgett, 30.02768°S 148.12143°E, 05 Sep 1971, C. E. Chadwick, 1♂ (UNSW_ENT 00045798), 2♀ (UNSW_ENT 00045799) (AM). Warrumbungle NP, 31.2709°S 149.00176°E, 23 Apr 1967, C. E. Chadwick, 1♀ (UNSW_ENT 00051827) (AM). Windsor, 33.6152°S 150.8096°E, 29 Jun 1971, J. Hamilton, 1♀ (UNSW_ENT 00051826) (AM). Yalcogrin, State Forest, Gilgandra, 33.82628°S 146.84459°E, 25 Oct 1983, T. Woolley, 1♀ (UNSW_ENT 00044975) (AM). ~3 km S of Steep Drop Falls (Bot1),

30.95443°S 151.87596°E, 1147 m, 11 Nov 2015, A. Namyatova, 1 sex unknown (UNSW_ENT 00027682) (UNSW). just N of Bungwahl, Smiths Lake, 33 km S of Forster, 32.38334°S 152.5°E, 5 m, 21 Oct 1995, Schuh and Cassis, *Ozothamnus diosmifolius* (Vent.) DC. (Asteraceae), det. J. Everett May 1996 NSW 395912, 1♂ (UNSW_ENT 00044956), 1♀ (UNSW_ENT 00044957) (AM). on bank of Darling River, 20 mi. SSW of Bourke, 30.26248°S 145.67613°E, 105 m, 26 Dec 1973, G. F. Gross, 1♂ (UNSW_ENT 00045916) (SAMA). Norfolk Island: Norfolk Island National Park, Mount Bates summit, 29.01622°S 167.93633°E, 307 m, 17 Apr 2011, N. Tatarnic & A. Namyatova, 1♀ (UNSW_ENT 00027514) (UNSW). Phillip Island, Lower Long Valley, 29.11754°S 167.95501°E, 20 Nov 1984–24 Nov 1984, I. D. Naumann, 4♂ (UNSW_ENT 00045919-UNSW_ENT 00045922), 4♀ (UNSW_ENT 00045923-UNSW_ENT 00045926) (ANIC). Phillip Island, Upper Long Valley, 29.12042°S 167.95057°E, 123 m, 20 Nov 1984–24 Nov 1984, I. D. Naumann, 1♀ (UNSW_ENT 00045931) (ANIC). nr Highlands Guesthouse, Stop 1, 29.02039°S 167.94912°E, 125 m, 20 Mar 1984–26 Mar 1984, D.C.F. Rentz, 2♂ (UNSW_ENT 00045927, UNSW_ENT 00045928), 2♀ (UNSW_ENT 00045929, UNSW_ENT 00045930) (ANIC). Northern Territory: 78 km S of Alice Springs at jct of Rainbow Valley Road and Stuart Hiway, 24.23334°S 133.4567°E, 540 m, 27 Oct 2001, Cassis, Schuh, Schwartz, Silveira, Wall, 1♂ (UNSW_ENT 00044159), 1♀ (UNSW_ENT 00044160) (AM). Finke Gorge National Park, Palm Valley, 24.03333°S 132.7101°E, 586 m, 04 Nov 2001, Cassis, Schuh, Schwartz, Silveira, Wall, *Melaleuca glomerata* F. Muell. (Myrtaceae), det. NSW staff NSW666320, 1♀ (AMNH_PBI 00097893) (AMNH). Henbury Station, Gloaming Dam, 25.5 km E of Henbury Homestead, 24.59806°S 133.50306°E, 434 m, 23 May 2013, M. Cheng, (Unknown), det. undetermined, 1♂ (UNSW_ENT 00045197), 1♀ (UNSW_ENT 00045199) (NTM), (Unknown), det. undetermined, 1♀ (UNSW_ENT 00045049) (UNSW). Running Waters, 44.5 km NW of Henbury Homestead, 24.30833°S 132.90333°E, 480 m, 20 May 2013, M. Cheng, (Unknown), det. undetermined, 1♂ (AMNH_PBI 00403069), 2♀ (AMNH_PBI 00403067, AMNH_PBI 00403070) (Unknown), det. undetermined, 1♀ (UNSW_ENT 00403067), 1; (UNSW_ENT 00403068), 1♂ (AMNH_PBI 00403069) (NTM), (Unknown), det. undetermined, 1♀ (UNSW_ENT 00403070) (UNSW). Simpsons Gap, 17 km W by NW of Alice Springs, 23.67535°S 133.71476°E, 31 Oct 1974, T. Weir & T. Angeles, 1♂ (UNSW_ENT 00045779) (NTM). Queensland: 5 km N of Cardwell, 18.21748°S 146.00817°E, 4 m, 05 Apr 1984, Ray Greenfield, 1♂ (UNSW_ENT 00045827) (BPBM). 9 km WSW of Adavale, 25.91094°S 144.5143°E, 270 m, 02 Nov 1998, Schuh, Cassis, Silveira, *Hakea leucoptera* R. Br. (Proteaceae), det. Det: Royal Bot Gard. NSW NSW427661, 1♀ (UNSW_ENT 00044969) (AM). 11.9 km W of Quilpie, 26.61808°S 144.1517°E, 240 m, 02 Nov 1998, Schuh, Cassis, Silveira, 1♂ (UNSW_ENT 00044963) (AM). 57 km N Marduroo WH btwn Bedourie and Boulia, 23.5392°S 139.57338°E, 19 Sep 1977, J. A. Forrest, 3♂ (UNSW_ENT 00045050, UNSW_ENT 00045874, UNSW_ENT 00045875), 2♀ (UNSW_ENT 00045876, UNSW_ENT 00045877) (SAMA). 60 km SW of Rockhampton, 23.75536°S 150.86509°E, 14 m, 06 Nov 1990, W.F. Chamberlain, 1♂ (AMNH_PBI 00419394) (TAMU). 75.7 km W of Windorah, 25.37703°S 141.9457°E, 250 m, 03 Nov 1998, Schuh, Cassis, Silveira, *Chrysocephalum apiculatum* (Labill.) Steetz. (Asteraceae), det. Det: Royal Bot Gard. NSW NSW427518, 3♂ (UNSW_ENT 00044944-UNSW_ENT 00044946), 1♀ (UNSW_ENT 00044947) (AM). Biddeston, 27.56972°S 151.75228°E, 14 Aug 1979, R. H. Broadley, 1♂ (UNSW_ENT 00045800) (AM). Brigalow Development Area, Moura, 24.46666°S 149.93333°E, 130 m, 16 Sep 1965, P. D. Rossiter, 1♂ (UNSW_ENT 00045763) (DPIPWE). Brisbane R., 4 km N. Harlin, 26.93942°S 152.32409°E, 22 Jul 1975, B. K. Cantrell, 1♂ (UNSW_ENT 00045917) (DPIPWE). Bundaberg, 24.866°S 152.35°E, 20 Dec 1971, H. Frauca, 1♂ (UNSW_ENT 00045758) (ANIC). Bunya Mountains, 26.83333°S 151.55°E, 19 Nov 1967–21 Nov 1967, J. & M. Sedlacek, 1♂ (UNSW_ENT 00045821), 3♀ (UNSW_ENT 00045822-UNSW_ENT 00045824) (BPBM). Cairns, Ellis Beach, 16.72366°S 145.6443°E, 27 Aug 1972, G. G. E. Scudder, 1♂ (UNSW_ENT 00045826) (BPBM). Carnarvon Gorge NP, Info Centre Cmpgrnd, 25.05206°S 148.21521°E, 01 Dec 1993, G. Cassis, 2♀ (UNSW_ENT 00044979, UNSW_ENT 00044979) (AM). Darr River, 31 km by N of Longreach, 23.2211°S 144.07179°E, 22 Oct 1975, M.S. Upton, 2♀ (UNSW_ENT 00045057, UNSW_ENT 00045058), 1♂ (UNSW_ENT 00045750) (ANIC). Diamantina R. crossing 1 km S Birdsville, 25.9094°S 139.35324°E, 18 Sep 1977, J. A. Forrest, 6♀ (UNSW_ENT 00045051-UNSW_ENT 00045053, UNSW_ENT 00045871-UNSW_ENT 00045873), 6♂ (UNSW_ENT 00045054, UNSW_ENT 00045866-UNSW_ENT 00045870) (SAMA). Emerald, 23.53°S 148.181°E, 16 Sep 1974, G. K. Waite, 1♀ (UNSW_ENT 00044978) (QDPC). Kalbar, 27.93873°S 152.61333°E, 31 May 1978, R. H. Broadley, 2♀ (UNSW_ENT 00051831, UNSW_ENT

00051832) (AM). Tarome, 27.99054°S 152.47684°E, 16 Mar 1975, B. K. Cantrell, 4♂ (UNSW_ENT 00045764-UNSW_ENT 00045767), 4♀ (UNSW_ENT 00045768-UNSW_ENT 00045771) (DPIPWE). Upper Xing, Tevior Brook, Boonah-Killarney Road, 28.17941°S 152.53849°E, 23 Mar 1975, B. K. Cantrell, 1♀ (UNSW_ENT 00051829) (DPIPWE). between Gatton and Clifton, 27.74128°S 152.09737°E, 308 m, 02 Nov 1990, W.F. Chamberlain, 1♀ (AMNH_PBI 00419395) (TAMU). South Australia: 1 km N of Innamincka, Cooper Creek, 27.73124°S 140.7364°E, 120 m, 05 Nov 1998, Schuh, Cassis, Silveira, 2♂ (UNSW_ENT 00044929, UNSW_ENT 00044931) *Rutidosia helichrysoidea* DC. (Asteraceae), det. Det: Royal Bot Gard. NSW NSW427519, 5♀ (UNSW_ENT 00044937-UNSW_ENT 00044941), 2♀ (UNSW_ENT 00044942, UNSW_ENT 00044943), 1♂ (UNSW_ENT 00044930) *Rutidosia helichrysoidea* DC. (Asteraceae), det. Det: Royal Bot Gard. NSW NSW427519, 1♀ (UNSW_ENT 00044932) (AM). 5.4 km N of Yunta, 32.53804°S 139.5598°E, 300 m, 08 Nov 1996, Schuh and Cassis, *Acacia* sp. (Fabaceae), 1♂ (UNSW_ENT 00044966) (AM). 17 km E of Nepebunna, Gammon Ranges National Park, 30.57312°S 139.1273°E, 480 m, 07 Nov 1998, Schuh, Cassis, Silveira, *Casuarina pauper* F. Muell. ex L.A.S. Johnson (Casuarinaceae), det. Det: Royal Bot Gard. NSW NSW427466, 1♀ (UNSW_ENT 00044971) (AM). 37 km W of Anna Ck, 29.05665°S 134.67206°E, 06 Mar 1975–09 Mar 1975, E. G. Matthews, 1♀ (UNSW_ENT 00044974) (SAMA). Athelstone, 34.87116°S 138.70668°E, 23 Sep 1973, J. J. H. Szent-Ivany, 3♀ (UNSW_ENT 00045896-UNSW_ENT 00045898) (SAMA); 30 Sep 1973, J. J. H. Szent-Ivany, 1♂ (UNSW_ENT 00045895), 4♀ (UNSW_ENT 00045902-UNSW_ENT 00045905) (SAMA); 09 Oct 1973, J. J. H. Szent-Ivany, 1♀ (UNSW_ENT 00045899) (SAMA); 13 Oct 1973, J. J. H. Szent-Ivany, 1♂ (UNSW_ENT 00045881) (SAMA); 14 Oct 1973, J. J. H. Szent-Ivany, 1♂ (UNSW_ENT 00045893), 2♀ (UNSW_ENT 00045900, UNSW_ENT 00045901) (SAMA); 15 Oct 1973, J. J. H. Szent-Ivany, 2♂ (UNSW_ENT 00045753, UNSW_ENT 00045894), 1♂ (UNSW_ENT 00045882), 1♀ (UNSW_ENT 00045884) (SAMA); 18 Oct 1973, J. J. H. Szent-Ivany, 1♂ (UNSW_ENT 00045883) (SAMA); 22 Oct 1973, J. J. H. Szent-Ivany, 1♀ (UNSW_ENT 00045885) (SAMA); 30 Oct 1973, J. J. H. Szent-Ivany, 1♂ (UNSW_ENT 00045754) (SAMA); 08 Jan 1974, J. J. H. Szent-Ivany, 1♀ (UNSW_ENT 00045756) (SAMA); 12 Jan 1974, J. J. H. Szent-Ivany, 1♀ (UNSW_ENT 00045755) (SAMA); 13 May 1975, J. J. H. Szent-Ivany, 1♂ (UNSW_ENT 00045892) (SAMA). Cadelga Homestead, 26.08949°S 140.4106°E, 150 m, 04 Nov 1998, Schuh, Cassis, Silveira, 3♀ (UNSW_ENT 00044950, UNSW_ENT 00044951, UNSW_ENT 00044954), 1♂ (UNSW_ENT 00044955) (AM). Coopers Creek Ferry Crossing, 26.94072°S 140.29608°E, 30 Nov 1974, J. A. Herridge, 1♂ (UNSW_ENT 00045918) (SAMA). Lagoon WH nr Mabel Ck., 29.16667°S 134.25°E, 25 Oct 1984, S.A. Mus CRA survey, 1♀ (UNSW_ENT 00044976) (SAMA). Scorpion Springs C.P., Western Part of Park, 35.532°S 140.204°E, 16 Jan 1983, Unknown, 1♀ (UNSW_ENT 00044980) (SAMA). Simpson Desert, Kallakoopah Creek, 27.55831°S 137.37018°E, 23 Aug 1977, P.J.K. Greenslade, 1♂ (UNSW_ENT 00045889) (SAMA). Simpson Desert, Terrachi Waterhole, Eyre Creek, 26.67987°S 138.98848°E, 27 Aug 1977, P. J. M. Greenslade, 1♂ (UNSW_ENT 00045776) (SAMA). Witchelina Nature Reserve, Bushy Yowie Track, 30.15146°S 137.89828°E, 133 m, 19 Oct 2010, M. Elias, 1♂ (AMNH_PBI 00400364) (UNSW). Witchelina Nature Reserve, Tea Tree Swamp, 30.0726°S 137.07688°E, 98 m, 21 Oct 2010, M. Elias, 4♂ (AMNH_PBI 00041238, AMNH_PBI 00400346, AMNH_PBI 00400360, AMNH_PBI 00400361), 8♀ (AMNH_PBI 00041239, AMNH_PBI 00041240, AMNH_PBI 00400350-AMNH_PBI 00400353, AMNH_PBI 00400369, AMNH_PBI 00400370), 1;u (AMNH_PBI 00400359) (SAMA), 9♀ (AMNH_PBI 00400354-AMNH_PBI 00400357, AMNH_PBI 00400366, AMNH_PBI 00400367, AMNH_PBI 00400371-AMNH_PBI 00400373), 1;u (AMNH_PBI 00400358), 3♂ (AMNH_PBI 00400362, AMNH_PBI 00400363, AMNH_PBI 00400365) (UNSW). Witchelina Nature Reserve, Witchelina Homestead, 30.0207°S 138.0446°E, 166 m, 19 Oct 2010, M. Elias, 1♀ (AMNH_PBI 00400368) (UNSW). Witchelina Nature Reserve, ~40 km NW of Lyndhurst, 29.9768°S 138.08716°E, 149 m, 11 Oct 2010, A. Namyatova, 1♂ (AMNH_PBI 00400349) (SAMA). Witchelina Nature Reserve, ~40 km NW of Lyndhurst, 30.15165°S 137.89847°E, 129 m, 12 Oct 2010, A. Namyatova, 1♀ (AMNH_PBI 00400374) (UNSW). Tasmania: Flinders Island Co.: North East River (mouth of river) Beach, 43.714°S 147.96225°E, 27 Mar 2014, G. Cassis and J. Karras, *Atriplex cinerea* Poir. (Amaranthaceae), det. Miguel de Salas TMAG, 3♀ (UNSW_ENT 00044565, UNSW_ENT 00044567, UNSW_ENT 00044568) (TMAG). Paloma Blyth Bay, 39.75543°S 147.87085°E, 12 m, 24 Mar 2014, G. Cassis and J. Karras, *Senecio linearifolius* A.Rich. var. *linearifolius* (Asteraceae), det. Miguel de Salas TMAG, 2♂ (UNSW_ENT 00045829, UNSW_ENT 00045830), 1♀ (UNSW_ENT 00045831) (UNSW). Devonport,

Stoney Rise, 41.17801°S 146.35871°E, 70 m, 04 Apr 1997, L. Hill, 1♂ (UNSW_ENT 00045780) (AM). Lune River Road, 0.5 km NW of Southport Lagoon, 43.47877°S 146.9043°E, 53 m, 02 Feb 2016, R. Shofner & C. Byrne, 1♀ (AMNH_PBI 00051835) (UNSW). Macquarie Head, 16 km E Strahan, 42.15064°S 145.51385°E, 02 Mar 1990, G. Cassis, *Senecio* sp. (Asteraceae), 1♂ (UNSW_ENT 00045781) (AM). Montagu Bay, 42.86495°S 147.35386°E, 5 m, 22 Jan 1992, T.D. Semmens, 1♂ (UNSW_ENT 00045095) (DPIPWE). Victoria: Allambie IPA, 38.0357°S 141.84228°E, 28 Mar 2011, M. Cheng & A. Namyatova, *Acacia mearnsii* De Wild. (Fabaceae), 1 sex unknown (UNSW_ENT 00027681), 3♀ (UNSW_ENT 00044996-UNSW_ENT 00044998) (UNSW); 28 Mar 2011, M. Cheng & A. Namyatova, 2♂ (UNSW_ENT 00044981, UNSW_ENT 00044982), 13♀ (UNSW_ENT 00044983-UNSW_ENT 00044995) (UNSW). Allambie IPA, 38.03605°S 141.82683°E, 58 m, 24 Mar 2011, M. Cheng & A. Namyatova, 1♂ (UNSW_ENT 00045033), 3♀ (UNSW_ENT 00045034-UNSW_ENT 00045036) (UNSW); 24 Mar 2011, M. Cheng & A. Namyatova, *Cassinia longifolia* R.Br. (Asteraceae), det. RBGM, 4♂ (UNSW_ENT 00045037-UNSW_ENT 00045040), 4♀ (UNSW_ENT 00045041-UNSW_ENT 00045044) (UNSW). Darlot Creek near Tyrendarra off highway, 38.21948°S 141.77017°E, 23 Mar 2011, M. Cheng & A. Namyatova, *Lycopus australis* R. Br. (Lamiaceae), 2♀ (UNSW_ENT 00045010, UNSW_ENT 00045011) (UNSW); 31 Mar 2011, M. Cheng & A. Namyatova, 1♀ (UNSW_ENT 00045048) (UNSW); 31 Mar 2011, M. Cheng & A. Namyatova, *Persicaria minor* Mill. (Polygonaceae), 3♀ (UNSW_ENT 00045007-UNSW_ENT 00045009), 1 sex unknown (UNSW_ENT 00027528) (UNSW). Lake Condah, 38.067°S 141.82902°E, 27 Mar 2011, M. Cheng & A. Namyatova, 1♂ (UNSW_ENT 00045820) *Senecio pinnatifolius* A.Rich. var. *lanceolatus* (Asteraceae), 1♂ (UNSW_ENT 00045002) (UNSW); 27 Mar 2011, M. Cheng & A. Namyatova, *Senecio pinnatifolius* A.Rich. var. *lanceolatus* (Asteraceae), 1♂ (UNSW_ENT 00045000) (NZAC), *Senecio pinnatifolius* A.Rich. var. *lanceolatus* (Asteraceae), 1♀ (UNSW_ENT 00045003), 1♂ (UNSW_ENT 00044999) *Senecio pinnatifolius* A.Rich. var. *lanceolatus* (Asteraceae), 1♂ (UNSW_ENT 00045001) (UNSW). Merbein CSIRO Dept. Hort. Res. Farm, 34.15905°S 142.04048°E, 02 May 1976, J. J. H. Szent-Ivany, *Pisum sativum* (Fabaceae), 1♂ (UNSW_ENT 00045914), 1♀ (UNSW_ENT 00045915) (SAMA). Muldoons IPA, 38.08°S 141.8°E, 26 Mar 2011, M. Cheng & A. Namyatova, 1♂ (UNSW_ENT 00045045) (UNSW). Muldoons IPA, 38.07358°S 141.81335°E, 26 Mar 2011, M. Cheng & A. Namyatova, 1♀ (UNSW_ENT 00045046) (UNSW). Muldoons IPA, 38.07846°S 141.80332°E, 26 Mar 2011, M. Cheng & A. Namyatova, 1♀ (UNSW_ENT 00045047) (UNSW). Neds Corner, 500m N from major intersection past homestead–nr Pitfall Traps 11+12, 34.13566°S 141.30888°E, 28 Nov 2011, M. Cheng & L. Durber, 1♀ (UNSW_ENT 00403024), 5♂ (UNSW_ENT 00403026, UNSW_ENT 00403028-UNSW_ENT 00403031) (MVMA), 1♀ (AMNH_PBI 00403025), 1♂ (AMNH_PBI 00403027) (NZAC), 6♂ (UNSW_ENT 00403032-UNSW_ENT 00403037), 3♀ (UNSW_ENT 00403038-UNSW_ENT 00403040) (UNSW). Tyrendarra IPA, 38.19711°S 141.77505°E, 23 Mar 2011, M. Cheng & A. Namyatova, *Ozothamnus ferrugineus* (Labill.) Sweet (Asteraceae), 1♂ (UNSW_ENT 00045004) (UNSW); 23 Mar 2011, M. Cheng & A. Namyatova, 1♀ (UNSW_ENT 00045014) (NZAC), *Conyza albida* Spreng. (Asteraceae), 2♂ (UNSW_ENT 00045005, UNSW_ENT 00045006), 2♀ (UNSW_ENT 00045012, UNSW_ENT 00045013) (UNSW). Western Australia: 5 km N of Badgingerra, 30.43488°S 115.2469°E, 82 m, 07 Nov 2004, Cassis, Weirauch, Tatarnic, Symonds, *Kunzea glabrescens* Toelken (Myrtaceae), det. PERTH staff PERTH6988040, 2♂ (UNSW_ENT 00045027, UNSW_ENT 00045028), 3♀ (UNSW_ENT 00045030-UNSW_ENT 00045032) (AM). 7 km N Wongawol HS, 26.07°S 121.56°E, 29 Jul 1983–30 Jul 1983, T. F. Houston & R. P. McMillan, *Calotis multicaulis* (Turcz.) Druce (Asteraceae), 2♀ (UNSW_ENT 00045055, UNSW_ENT 00045056) (WAMP). Clover Dale, 32.45°S 116.41°E, 11 Jun 1979, J.R. Hanley, 1♂ (UNSW_ENT 00045761) (NTM). Clover Dale Hmsd, 32.15°S 116.41°E, 03 Jun 1979, J.R. Hanley, 1♂ (UNSW_ENT 00045778) (NTM). Mosman Park, Perth, trail b/w Minum Cove Park and Chidley Point Reserve, 32.01573°S 115.7626°E, 15 m, 01 Aug 2005–03 Aug 2005, G. Cassis, 1♀ (UNSW_ENT 00045211) (WAMP).

Table S1. List of species used in the analysis with GenBank accession numbers

Species with only single marker available are marked with an asterisk (*)

Subfamily	Tribe	Species	COI (3' fragment)	COI (5' fragment)	16S	18S	28S	Specimen USI (if known)	Institution (if known)
Bryocorinae	Bryocorini	<i>Monalocoris americanus</i> Wagner & Slater, 1952	AY252978.1	AY252978.1	AY252978.1	AY252978.1	AY252484.1	Unknown	Refer to Schuh et al. 2009
Bryocorinae	Dicyphini	<i>Dicyphus pallicornis</i> (Fieber, 1861)	N/A	AY253120.1	EU683091.1	EU683134.1	EU683193.1	Unknown	Refer to Schuh et al. 2009
Cylapinae	Cylapini	<i>Amapacylapus</i> sp.	N/A	MH016566	MH156851	MH179102	MH190427	UNSW_ENT 00046064	UCR
Cylapinae	Fulviini	<i>Peritropis armillarius</i> Schmitz, 1970	MH368647	MH359354	MH407330	MH426831	MH432239	UNSW_ENT 00046075	UCR
Debraeocorinae	Clivinemini	<i>Bothynotus pilosus</i> (Boheman, 1852)	N/A	GU194771.1	GU194540.1	GU194618.1	GU194693.1	Unknown	Refer to Jung and Lee 2012
Deraeocorinae	Clivinemini	<i>Clivinema</i> sp.	AY253051.1	AY253051.1	N/A	EU683123.1	AY252566.1	Unknown	Refer to Schuh et al. 2009
Deraeocorinae	Deraeocorini	<i>Cimidaeorus hasegawai</i> Nakatani, Yasunaga, and Takai, 2000	N/A	GU194777.1	GU194546.1	GU194622.1	GU194699.1	Unknown	Refer to Jung and Lee 2012
Deraeocorinae	Deraeocorini	<i>Deraeocoris ater</i> (Jakovlev, 1889)	N/A	GU194779.1	GU194548.1	GU194624.1	GU194701.1	Unknown	Refer to Jung and Lee 2012
Deraeocorinae	Deraeocorini	<i>Deraeocoris flavinea</i> (Costa, A., 1862)	N/A	MH359333	MH407289	MH426807	MH432213	UNSW_ENT 00027661	UNSW
Deraeocorinae	Deraeocorini	<i>Deraeocoris mutatus</i> Knight, 1921	AY253080.1	AY253080.1	AY252852.1	AY252376.1	AY252578.1	Unknown	Refer to Schuh et al. 2009
Deraeocorinae	Deraeocorini	<i>Deraeocoris olivaceus</i> (Fabricius, 1777)	N/A	GU194782.1	GU194551.1	GU194627.1	GU194704.1	Unknown	Refer to Jung and Lee 2012

Subfamily	Tribe	Species	COI (3' fragment)	COI (5' fragment)	16S	18S	28S	Specimen USI (if known)	Institution (if known)
Deraeocorinae	Deraeocorini	Deraeocorinae sp. Papua New Guinea	MH368643	MH359351	MH407326	MH426829	MH432236	UNSW_ENT 00027654	UNSW
Deraeocorinae	Deraeocorini	<i>Alloeotomus simplus</i> (Uhler, 1897)	N/A	GU194762.1	GU194531.1	GU194609.1	GU194684.1	Unknown	Refer to Jung and Lee 2012
Isometopinae	Myiommini	<i>Myiomma nr mexicanum</i>	MH368641	MH359349	MH407323	MH426828	MH432234	UNSW_ENT 00029280	UCR
Mirinae	Herdoniini	<i>Cyphopelta modesta</i> Van Duzee, 1910	N/A	AY253089.1	AY252863.1	EU683132.1	AY252605.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Mirini	<i>Adelphocoris suturalis</i> (Jakovlev, 1882)	N/A	GU194760.1	GU194529.1	GU194607.1	GU194682.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Adelphocoris triannulatus</i> (Stål, 1858)	N/A	GU194761.1	GU194530.1	GU194608.1	GU194683.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Brachycoleus decolour</i> Reuter, 1887	N/A	MH359328	N/A	MH426803	MH432209	UNSW_ENT 00027657	ZISP
Mirinae	Mirini	<i>Capsodes gothicus</i> (Linnaeus, 1758)	N/A	GU194772.1	GU194541.1	GU194619.1	GU194694.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Capsus ater</i> (Linnaeus, 1758)	AY252977.1	AY252977.1	AY252712.1	EU683117.1	AY252483.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Mirini	<i>Capsus wagneri</i> Remane, 1950	N/A	GU194773.1	GU194542.1	GU194620.1	GU194695.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Castanopsides kerzhneri</i> (Josifov, 1985)	N/A	GU194774.1	GU194543.1	N/A	GU194696.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Castanopsides potanini</i> (Reuter, 1906)	N/A	GU194775.1	GU194544.1	N/A	GU194697.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Charagochilus angusticollis</i> Linnavuori, 1961	N/A	GU194776.1	GU194545.1	GU194621.1	GU194698.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Chimsunchartella schwartzi</i> Cherót and	MH368619	MH359330	MH407287	MH432211	To submit	AMNH_PBI 00404944	SAMA

Subfamily	Tribe	Species	COI (3' fragment)	COI (5' fragment)	16S	18S	28S	Specimen USI (if known)	Institution (if known)
Mirinae	Mirini	Pauwels, 2000 <i>Closterotomus</i> sp.	N/A	MH359331	To submit	MH426805	To submit	UNSW_ENT 00027649	UNSW
Mirinae	Mirini	<i>Creontiades dilutes</i> (Stål, 1859)	N/A	MH359332	MH407288	MH426806	MH432212	UNSW_ENT 00027611	QM
Mirinae	Mirini	<i>Ectopiocerus anthracinus</i> Uhler, 1890	EU683230.1	EU683230.1	AY252830.1	EU683138.1	AY252599.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Mirini	<i>Eurystylus coelestialium</i> (Kirkaldy, 1902)	N/A	GU194788.1	GU194558.1	GU194633.1	GU194710.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Eurystylus luteus</i> Hsiao, 1941	N/A	GU194789.1	GU194559.1	GU194711.1	GU194711.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Lincolnia</i> sp.*	N/A	N/A	MH407318	N/A	N/A	UNSW_ENT 00008145	AM
Mirinae	Mirini	<i>Liocoris tripustulatus</i> (Fabricius, 1781)	MH368638	MH359345	MH407319	MH426825	MH432231	UNSW_ENT 00027656	ZISP
Mirinae	Mirini	<i>Loristes decoratus</i> (Reuter, 1908)	N/A	GU194792.1	GU194562.1	GU194637.1	GU194714.1	N/A	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Ommatodema</i> sp.	MH368644	To submit	MH407327	To submit	To submit	UNSW_ENT 00027595	UNSW
Mirinae	Mirini	<i>Oncerometopus</i> sp.	AY253036.1	AY253036.1	AY252787.1	EU683165.1	AY252553.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Mirini	<i>Philostephanus rubripes</i> (Jakovlev, 1876)	N/A	GU194770.1	GU194539.1	GU194617.1	GU194692.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Phytocoris intricatus</i> Flor, 1861	N/A	GU194812.1	GU194581.1	GU194657.1	GU194734.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Pinalitus approximatus</i> (Stål, 1858)	N/A	KU875904.1	N/A	N/A	N/A	Unknown	Refer to Sikes et al. 2017
Mirinae	Mirini	<i>Pinalitus rubeolus</i> (Kulik, 1965)	N/A	GU194818.1	GU194587.1	N/A	GU194740.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Polymerus cognatus</i> (Fieber,	N/A	GU194823.1	GU194592.1	GU194667.1	GU194745.1	Unknown	Refer to Jung and Lee 2012

Subfamily	Tribe	Species	COI (3' fragment)	COI (5' fragment)	16S	18S	28S	Specimen USI (if known)	Institution (if known)
Mirinae	Mirini	1858) <i>Proba</i> sp.	AY253054.1	AY253054.1	AY252804.1	AY252329.1	AY252569.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Mirini	<i>Probosciodocoris varicornis</i> (Jakovlev, 1904)	N/A	GU194824.1	GU194593.1	GU194668.1	GU194746.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Pseudopantilius australis</i> (Walker, 1873)	N/A	MH359355	MH407331	MH426832	MH432240	AMNH_PBI 00403074	UNSW
Mirinae	Mirini	<i>Rhabdomiris striatellus</i> (Fabricius, 1794)	N/A	MH359329	MH407286	MH426804	MH432210	UNSW_ENT 00027648	UNSW
Mirinae	Mirini	<i>Sidnia kinbergi</i> Stål, 1859	MH368649	MH359357	MH407333	To submit	MH432242	UNSW_ENT 00027597	UNSW
Mirinae	Mirini	<i>Stenotus binotatus</i> (Fabricius, 1794)	N/A	KM023095.1	AY252715.1	AY252242.1	AY252486.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Mirini	<i>Stenotus rubrovittatus</i> (Matsumura, 1913)	N/A	GU194834.1	GU194605.1	GU194680.1	GU194758.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini	<i>Stenotus witchelinae</i> Namyatova, Schwartz & Cassis, 2013	MH368650	To submit	MH407334	MH426833	MH432243	AMNH_PBI 00400415	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Agnocoris rubicundus</i> (Fallén, 1807)	N/A	MH359326	MH407284	MH426801	MH432207	UNSW_ENT 00027653	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Apolygus hilaris</i> (Horváth, 1905)	N/A	GU194764.1	GU194533.1	GU194611.1	GU194686.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Apolygus lucorum</i> (Meyer-Dür, 1843)	N/A	GU194765.1	GU194534.1	GU194612.1	GU194687.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Apolygus nigrovirens</i> (Kerzhner, 1988)	N/A	GU194766.1	GU194535.1	GU194613.1	GU194688.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Apolygus roseofemoralis</i> (Yasunaga, 1992)	N/A	GU194767.1	GU194536.1	GU194614.1	GU194689.1	Unknown	Refer to Jung and Lee 2012

Subfamily	Tribe	Species	COI (3' fragment)	COI (5' fragment)	16S	18S	28S	Specimen USI (if known)	Institution (if known)
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Apolygus spinolae</i> (Meyer-Dür, 1841) Bulgaria	MH368618	MH359327	MH407285	MH426802	MH432208	UNSW_ENT 00027651	ZISP
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Apolygus spinolae</i>	N/A	GU194768.1	GU194537.1	GU194615.1	GU194690.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Apolygus subpulchellus</i> (Kerzhner, 1988)	N/A	GU194769.1	GU194538.1	GU194616.1	GU194691.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus</i> (Poppius, 1914) VIC_Lake_Condah_Tyrrendara	MH368628	N/A	MH407300	MH426813	MH432220	UNSW_ENT 00044659	MVMA
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_VIC_Lake_Condah_Vaughans</i>	MH368629	N/A	MH407301	MH426814	MH432221	UNSW_ENT 00044675	MVMA
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_WA_Augusta*</i>	N/A	N/A	MH407302	N/A	N/A	AMNH_PBI 000404572	AM
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_WA_Esperance*</i>	N/A	N/A	MH407303	N/A	N/A	UNSW_ENT 00008476	AM
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_WA_Lake_Magenta_Rd*</i>	N/A	N/A	MH407304	N/A	N/A	UNSW_ENT 00044113	AM
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_WA_W of Albany*</i>	N/A	N/A	MH407305	N/A	N/A	AMNH_PBI 00404598	AM
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_WA_Walpole Nornalup_NP*</i>	MH368630	N/A	MH407306	N/A	N/A	UNSW_ENT 00044065	AM
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_NSW_Salt water Res*</i>	N/A	N/A	MH407292	N/A	N/A	UNSW_ENT 00044713	AM
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_TAS_Brun</i>	MH368621	N/A	MH407293	MH426809	MH432215	UNSW_ENT 00027574	UNSW

Subfamily	Tribe	Species	COI (3' fragment)	COI (5' fragment)	16S	18S	28S	Specimen USI (if known)	Institution (if known)
Mirinae	Mirini: <i>Lygus</i> -complex	y_Is_27574 <i>Diomocoris nebulosus_TAS_Bruny_Is_27575 (m)</i>	MH368622	N/A	MH407294	MH426810	MH432216	UNSW_ENT 00027575	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_TAS_Flinders_Is_NE_river</i>	MH368623	MH359335	MH407295	MH426811	MH432217	UNSW_ENT 00044566	TMAG
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_TAS_Flinders_Is_Patriarch_Conservation</i>	MH368624	N/A	MH407296	N/A	N/A	UNSW_ENT 00044612	TMAG
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_TAS_Mile Plain</i>	MH368625	N/A	MH407297	N/A	N/A	UNSW_ENT 00044727	TMAG
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_TAS_South-west</i>	MH368626	MH359336	MH407298	MH426812	MH432218	UNSW_ENT 00027680	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris nebulosus_TAS_Tarkine</i>	MH368627	N/A	MH407299	N/A	MH432219	UNSW_ENT 00044641	TMAG
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Filicicoris viridis Namyatova & Cassis, 2016</i>	MH368636	MH359341	MH407314	MH426821	To submit	AMNH_PBI 00400427	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Henrylygus nubilus (Van Duzee, 1914)</i>	N/A	MH359342	MH407315	MH426822	MH432228	UNSW_ENT 00051839	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Knightomiris distinctus</i> (Knight, 1917)	AY253052.1	AY253052.1	AY252802.1	AY252327.1	AY252567.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Liocoris trisputulatus</i> (Fabricius, 1781)*	KM022535.1	N/A	N/A	N/A	N/A	N/A	Refer to Raupach et al. 2014
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Lygidea annexa</i> (Uhler, 1872)*	N/A	KR030935.1	N/A	N/A	N/A	N/A	Refer to Gwiazdowski et al. 2015
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Lygocoris pabulinus</i> (Linnaeus, 1761) Canada	MH368639	MH359346	MH407320	MH426826	To submit	UNSW_ENT 00027652	UNSW

Subfamily	Tribe	Species	COI (3' fragment)	COI (5' fragment)	16S	18S	28S	Specimen USI (if known)	Institution (if known)
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Lygocoris pabulinus</i> Korea	N/A	GU194794.1	GU194564.1	GU194639.1	GU194716.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Lygus elisus</i> Van Duzee, 1914	N/A	KR030967.1	AY252785.1	AY252310.1	AY252554.1	Unknown	Refer to Schuh et al. 2009 and Gwiazdowski et al. 2015
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Lygus gemellatus</i> (Herrich-Schaeffer, 1835)	MH368640	MH359347	MH407321	N/A	MH432232	UNSW_ENT 00027650	ZISP
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Lygus lineolaris</i> (Palisot de Beauvois, 1818)	N/A	N/A	AY252649.1	KT231835.1	KT231875.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Lygus pratensis</i> (Linnaeus, 1758)	N/A	MH359348	MH407322	MH426827	MH432233	UNSW_ENT 00027643	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Lygus rugulipennis</i> Poppius, 1911	N/A	GU194796.1	GU194565.1	GU194640.1	GU194718.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Micromimetes celiae</i> sp. nov.	MH368620	MH359334	MH407290	N/A	N/A	UNSW_ENT 00025814	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Micromimetes hannahae</i> sp. nov.	N/A	N/A	MH407291	MH426808	MH432214	UNSW_ENT 00027506	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Micromimetes nikolayi</i> sp. nov. Chimneys Road	MH368631	MH359337	MH407307	MH426815	MH432222	UNSW_ENT 00027577	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Micromimetes nikolayi</i> NI Troys House	MH368632	N/A	MH407308	MH426816	MH432223	UNSW_ENT 00027576	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Micromimetes shofneri</i> sp. nov. 51644	MH368633	MH359338	MH407310	MH426817	MH432224	UNSW_ENT 00051644	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Micromimetes shofneri</i> sp. nov. 51677	MH368634	MH359339	MH407311	MH426818	MH432225	UNSW_ENT 00051677	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Micromimetes</i> sp. Tahiti	N/A	N/A	MH407312	MH426819	MH432226	UNSW_ENT 00027660	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Neolygus communis</i> (Knight, 1916)	MH368642	N/A	MH407324	N/A	MH432235	UNSW_ENT 00027596	UNSW

Subfamily	Tribe	Species	COI (3' fragment)	COI (5' fragment)	16S	18S	28S	Specimen USI (if known)	Institution (if known)
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Neolygus viticollis</i> (Reuter, 1876)*	N/A	MG165321.1	N/A	N/A	N/A	Unknown	Unknown
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Nonlygus nubilatus</i> (Knight, 1917)	N/A	MH359350	MH407325	N/A	N/A	UNSW_ENT 00027599	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Orthops kalmii</i> (Linnaeus, 1758)	MH368645	MH359352	MH407328	N/A	MH432237	UNSW_ENT 00027642	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Orthops scutellatus</i> Uhler, 1877	MH368646	MH359353	MH407329	MH426830	MH432238	UNSW_ENT 00051838	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Salignus tahoensis</i> (Knight, 1917)	MH368648	MH359356	MH407332	N/A	MH432241	UNSW_ENT 00051840	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> (Fieber, 1861) VIC Lake Condah, Vaughns	N/A	N/A	MH407340	MH426839	MH432249	UNSW_ENT 00027681	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> India*	N/A	LN879023.1	N/A	N/A	N/A	Unknown	Refer to Yadav et al. 2015
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> Korea	N/A	GU194835.1	GU194606.1	GU194681.1	GU194759.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> Norfolk Island	N/A	N/A	MH407335	MH426834	MH432244	UNSW_ENT 00027514	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> NSW Oxley Wild Rivers	MH368651	MH359358	MH407336	MH426835	MH432245	UNSW_ENT 00027682	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> NT Henbury	N/A	MH359359	MH407337	MH426836	MH432246	UNSW_ENT 00045198	NTM
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> Pakistan*	N/A	KY840873.1	N/A	N/A	N/A	Unknown	Unknown
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> Reunion*	N/A	KT201354.2	N/A	N/A	N/A	Unknown	Refer to Atiama et al. 2017
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygis apicalis</i> SA	MH368652	N/A	MH407338	MH426837	MH432247	AMNH_PBI 00400371	UNSW

Subfamily	Tribe	Species	<i>COI</i> (3' fragment)	<i>COI</i> (5' fragment)	<i>16S</i>	<i>18S</i>	<i>28S</i>	Specimen USI (if known)	Institution (if known)
Mirinae	Mirini: <i>Lygus</i> -complex	Witchelina NR <i>Taylorilygus apicalis</i> TAS Flinders Island	N/A	MH359360	MH407339	MH426838	MH432248	UNSW_ENT 00045831	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Taylorilygus apicalis</i> USA*	N/A	KJ190447.1	N/A	N/A	N/A	Unknown	Refer to Fleming et al. 2015
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Tingitopsis tuberculatus</i> Eyles, 2000	N/A	MH359361	MH407341	MH426840	MH432250	UNSW_ENT 00051837	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Tingitotum minutum</i> Eyles, 2000	N/A	To submit	MH407342	MH426841	MH432251	AMNH_PBI 00403110	UNSW
Mirinae	Stenodemini	<i>Dolichomiris linearis</i> Reuter, 1882	MH368635	MH359340	MH407313	MH426820	MH432227	UNSW_ENT 00027637	UNSW
Mirinae	Stenodemini	<i>Stenodema calcarata</i> (Fallén, 1807)	N/A	GU194831.1	GU194602.1	GU194677.1	GU194755.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Stenodemini	<i>Stenodema rubrinervis</i> Horváth, 1905	N/A	GU194832.1	GU194603.1	GU194678.1	GU194756.1	Unknown	Refer to Jung and Lee 2012
Mirinae	Stenodemini	<i>Stenodema sibirica</i> Bergroth, 1914	N/A	GU194833.1	GU194604.1	GU194679.1	GU194757.1	Unknown	Refer to Jung and Lee 2012
Mirini	Mecistoscelini	<i>Mecistoscelini</i> sp.	EU683237.1	EU683237.1	EU683099.1	EU683154.1	AY252495.1	Unknown	Refer to Schuh et al. 2009
Mirini	Stenodemini	<i>Trigonotylus</i> sp.	N/A	N/A	AY252710.1	AY252238.1	AY252481.1	Unknown	Refer to Schuh et al. 2009
Mirinae	Hyalopeplini	<i>Hyalopeplinus</i> sp. Tahiti	N/A	MH359343	MH407316	MH426823	MH432229	UNSW_ENT 00027659	UNSW
Mirinae	Hyalopeplini	<i>Hyalopeplus lineifer</i> (Walker, 1873)	MH368637	MH359344	MH407317	MH426824	MH432230	UNSW_ENT 00027638	UNSW
Mirinae	Mirini: <i>Lygus</i> -complex	<i>Diomocoris ostiolum</i> Eyles, 1999*	N/A	N/A	MH407309	N/A	N/A	UNSW_ENT 00044849	AM
Orthotylinae	Coridromini	<i>Coridromius chenopoderis</i>	N/A	KF036248.1	KF005581.1	N/A	KF036267.1	Unknown	Refer to Tataric and

Subfamily	Tribe	Species	<i>COI</i> (3' fragment)	<i>COI</i> (5' fragment)	<i>16S</i>	<i>18S</i>	<i>28S</i>	Specimen USI (if known)	Institution (if known)
		Tatarnic and Cassis, 2008							Cassis 2013
Orthotylinae	Coridromini	<i>Coridromius tahitiensis</i> Tatarnic & Cassis, 2008	N/A	KF036253.1	KF005583.1	N/A	KF036270.1	Unknown	Refer to Tatarnic and Cassis 2013
Orthotylinae	Halticini	<i>Ectmetopterus comitans</i> (Josifov & Kerzhner, 1972)	GU194790.1	N/A	GU194560.1	GU194635.1	N/A	Unknown	Refer to Jung and Lee 2012
Orthotylinae	Orthotylini	<i>Orthotylus flavosparsus</i> (Sahlberg, 1841)	N/A	GU194803.1	GU194572.1	GU194648.1	GU194725.1	Unknown	Refer to Jung and Lee 2012
Phylinae	Phylini	<i>Europiella artemisiae</i> (Becker, 1864)	N/A	GU194786.1	GU194556.1	GU194631.1	GU194708.1	Unknown	Refer to Jung and Lee 2012
Phylinae	Pilophorini	<i>Pilophorus typicus</i> (Distant, 1909)	N/A	GU194817.1	GU194586.1	GU194662.1	GU194739.1	Unknown	Refer to Jung and Lee 2012

Table S2. List of plants records in Australia for species described or redescribed in the present work

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
<i>Diomocoris nebulosus</i>	<i>Atriplex cinerea</i> Poir.	Amaranthaceae	Caryophyllales	core asterids	1
	<i>Chenopodium pumilio</i> R. Br.				4
	<i>Chenopodium baccatum</i> Labill.				1
	<i>Chenopodium preissii</i> (Moq.) Diels				1
	<i>Chenopodium</i> sp.				1
	<i>Tecticornia pergranulata</i> (J. M. Black) K. A. Sheph. & Paul G. Wilson				4
	<i>Euroschinus falcata</i> Hook. fil.	Anacardiaceae	Sapindales	rosid II/Malvidae	5
	<i>Conium maculatum</i> L.	Apiaceae	Apiales	asterid II	1
	<i>Cassinia aculeata</i> (Labill.) R. Br.	Asteraceae	Asterales	asterid II	2
	<i>Helichrysum</i> sp.				1
	<i>Olearia axillaris</i> (DC.) F. Müll.				4
	<i>Olearia ramulosa</i> (Labill.) Benth.				4
	<i>Olearia</i> sp.				1
	<i>Ozothamnus diosmifolius</i> (Vent.) DC.				3
	<i>Pyrethrum</i> sp.				1
	<i>Senecio linearifolius</i> A. Rich.				16
<i>Senecio</i> sp.				3	

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
	<i>Rorippa officinale</i> W.T. Aiton	Brassicaceae	Brassicales	rosid II/Malvidae	1
	<i>Allocasuarina littoralis</i> (Salisb.) L. A. S. Johnson	Casuarinaceae	Fagales	rosid I/Fabidae	1
	<i>Allocasuarina monilifera</i> (L. A. S. Johnson) L. A. S. Johnson				3
	<i>Calystegia sepium</i> (L.) R. Br.	Convolvulacea	Solanales	asterid I	4
	<i>Schizomeria ovata</i> D. Don	Cunoniaceae	Oxalidales	rosid I/Fabidae	6
	<i>Actinostrobus arenarius</i> C. A. Gardner	Cupressaceae	Pinales		1
	<i>Callitris roei</i> (Endl.) F. Muell.				1
	<i>Elaeocarpus obovatus</i> G. Don	Elaeocarpaceae	Oxalidales	rosid I/Fabidae	2
	<i>Monotoca elliptica</i> (Smith) R. Br.	Ericaceae	Ericales	asterids	1
	<i>Monotoca glauca</i> (Labill.) Druce				2
	<i>Ricinocarpos tuberculatus</i> Müll. Arg.	Euphorbiaceae	Malpighiales	rosid I/Fabidae	8
	<i>Acacia decurrens</i> Willd.	Fabaceae	Fabales	rosid I/Fabidae	2
	<i>Acacia longifolia</i> (Andrews) Willd.				3
	<i>Acacia</i> sp.				4
	<i>Cassia</i> sp.				1
	<i>Callistachys lanceolata</i> Vent.				3
	<i>Hardenbergia comptoniana</i> (Andrews) Benth.				1
	<i>Jacksonia horrida</i> DC.				3

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
	<i>Viminaria juncea</i> (Schrad.) Hoffmanns.				41
	<i>Scaevola crassifolia</i> Labill.	Goodeniaceae	Asterales	asterid II	2
	<i>Cassytha racemosa</i> Nees	Lauraceae	Laurales	magnoliids	37
	<i>Cassytha</i> sp.				2
	<i>Nuytsia floribunda</i> (Labill.) R. Br.	Lorantaceae	Santalales	core asterid	5
	<i>Androcalva luteiflora</i> (E. Pritz.) C. F. Wilkins & Whitlock	Malvaceae	Malvales	rosid II/Malvidae	1
	<i>Brachychiton</i> sp.				6
	<i>Eremophila</i> sp.	Myoporaceae	Lamiales	asterid I	1
	<i>Syzygium smithii</i> (Poir.) Nied.	Myrtaceae	Myrtales	rosid II/Malvidae	24
	<i>Agonis flexuosa</i> (Muhl. ex Willd.) Sweet				51
	<i>Agonis theiformis</i> Schauer				2
	<i>Backhousia myrtifolia</i> Hook. & Harv.				2
	<i>Baeckea pachyphylla</i> Benth.				2
	<i>Baeckea uncinella</i> Benth.				8
	<i>Calytrix acutifolia</i> (Lindley) L. A. Craven				1
	<i>Calytrix tetragona</i> Labill.				1
	<i>Chamaelaucium uncinatum</i> Schau.				1
	<i>Darwinia vestita</i> (Endl.) Benth.				52

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
	<i>Eucalyptus</i> prob. <i>delegatensis</i> F. Müll. ex R. T. Baker				1
	<i>Eucalyptus moluccana</i> Roxb.				1
	<i>Eucalyptus</i> sp.				2
	<i>Kunzea ambigua</i> (Smith) Druce				11
	<i>Kunzea glabrescens</i> H. R. Toelken				1
	<i>Leptospermum</i> sp.				69
	<i>Leptospermum coriaceum</i> (Miq.) Cheel				1
	<i>Leptospermum glaucescens</i> S. Schauer				60
	<i>Leptospermum laevigatum</i> (Gaertner) F. Müll.				3
	<i>Leptospermum polygalifolium</i> Salisb.				1
	<i>Leptospermum scoparium</i> Forst.				7
	<i>Leptospermum squarrosus</i> Gaertn.				2
	<i>Malleostemon tuberculatus</i> (E. Pritzel) J. W. Green				1
	<i>Melaleuca brevifolia</i> Turcz.				2
	<i>Melaleuca cuticularis</i> Labill.				2
	<i>Melaleuca ericifolia</i> Sm.				4
	<i>Melaleuca hamulosa</i> Turcz.				40
	<i>Melaleuca huegelii</i> Endl.				85

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	<i>Melaleuca micrantha</i> (Schauer) Craven & R. D. Edwards				1
	<i>Melaleuca nodosa</i> (Gaertn.) Sm.				1
	<i>Melaleuca quadrifida</i> (R. Br.) Craven & R. D. Edwards				2
	<i>Melaleuca raphiophyla</i> Schau.				169
	<i>Melaleuca spathulata</i> Schau.				1
	<i>Melaleuca systema</i> L. A. Craven				6
	<i>Melaleuca viminea</i> Lindl.				14
	<i>Melaleuca</i> sp.				3
	<i>Metrosideros sclerocarpa</i> Dawson ex P. S. Green				1
	<i>Rhodomyrtus psidioides</i> (G. Don) Benth.				3
	<i>Scholtzia capitata</i> F. Müll. ex Benth.				3
	<i>Scholtzia drummondii</i> Benth.				3
	<i>Scholtzia parviflora</i> F. Müll.				7
	<i>Taxandria linearifolia</i> (DC.) J. R. Wheeler & N. G. Marchant				22
	<i>Notelaea microcarpa</i> R.Br.	Oleaceae	Lamiales	asterid I	1
	<i>Billardiera heterophylla</i> (Lindl.) L. W. Cayzer & Crisp	Pittosporaceae	Apiales	asterid II	2
	<i>Bursaria spinosa</i> Cav.				4
	<i>Bursaria</i> sp.				1

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
	<i>Persicaria</i> sp.	Polygonaceae	Caryophyllales	core asterid	2
	<i>Adenanthos cuneatus</i> Labill.	Proteaceae	Proteales	eudicots	1
	<i>Adenanthos cygnorum</i> Diels.				1
	<i>Banksia attenuata</i> R.Br.				4
	<i>Banksia sessilis</i> (Knight) A. R. Mast & K. R. Thiele				1
	<i>Conospermum distichum</i> R.Br.				1
	<i>Grevillia polybothria</i> Meissn.				34
	<i>Hakea mitchellii</i> Meissn.				1
	<i>Hakea oleifolia</i> (Sm.) R. Br.				2
	<i>Hakea preissii</i> Meissn.				4
	<i>Hakea prostrata</i> R. Br.				1
	<i>Lambertia inermis</i> R. Br.				8
	<i>Alphitonia excelsa</i> (Fenzl) Benth.	Rhamnaceae	Rosales	rosid I/Fabidae	2
	<i>Pomaderris apetala</i> Labill.				2
	<i>Acradenia euodiiformis</i> (F. Müll.) T. G. Hartley	Rutaceae	Sapindales	rosid II/Malvidae	4
	<i>Chorilaena quercifolia</i> Endl.				1
	<i>Correa alba</i> Andr.				39
	<i>Scolopia braunii</i> (Klotzsch) Sleum.	Salicaceae	Malpighiales	rosid I/Fabidae	1

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
	<i>Exocarpos aphyllus</i> R. Br.	Santalaceae	Santalales	core asterid	1
	<i>Dodonaea viscosa</i> (L.) Jacq.	Sapindaceae	Sapindales	rosid II/Malvidae	2
	<i>Guioa semiglauc</i> (F. Müll.) Radlk.				3
	<i>Myoporum insulare</i> R.Br.	Scrophulariaceae	Lamiales	asterid I	1
	<i>Myoporum platycarpum</i> R.Br.				1
	<i>Pimelea clavata</i> Labill.	Thymelaeaceae	Malvales	rosid II/Malvidae	40
	<i>Pimelea ferruginea</i> Labill.				3
	<i>Pimelea rosea</i> R.Br.				4
	<i>Pimelea</i> sp.				14
<i>Micromimetes pictipes</i>	<i>Mangifera indica</i> L.	Anacardiaceae	Sapindales	rosid II/Malvidae	11
	<i>Celtis pacifica</i> Planch.	Cannabaceae	Rosales	rosid I/Fabidae	4
	<i>Calophyllum</i> sp.	Calophyllaceae	Malpighiales	rosid I/Fabidae	34
	<i>Chamaesyce fosbergii</i> J.Florence	Euphorbiaceae	Malpighiales	rosid I/Fabidae	6
	<i>Euphorbia atoto</i> G.Forst.				4
	<i>Euphorbia taitensis</i> Boiss.				1
	<i>Crotalaria</i> sp.	Fabaceae	Fabales	rosid I/Fabidae	12
	<i>Tephrosia purpurea</i> (L.)Pers.				1
	<i>Xylosma suaveolens</i> G.Forst.	Flacourtiaceae	Salicaceae	rosid I/Fabidae	3

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
	<i>Dicranopteris</i> sp.	Gleicheniaceae	Gleicheniales		1
	<i>Basilicum polystachyon</i> (L.) Moench	Lamiaceae	Lamiales	asterid I	10
	<i>Ocimum gratissimum</i> L.				7
	<i>Talipariti tiliaceum</i> (L.) Fryxell	Malvaceae	Malvales	rosid II/Malvidae	1
	<i>Melochia umbellata</i> (Houtt.) Stapf				2
	<i>Sida rhombifolia</i> L.				2
	<i>Metrosideros</i> sp.	Myrtaceae	Myrtales	rosid II/Malvidae	1
	<i>Glochidion</i> sp.	Phyllantaceae	Malpighiales	rosid I/Fabidae	1
	<i>Coprosma</i> sp.	Rubiaceae	Gentianales	asterid I	1
	<i>Santalum</i> sp.	Santalaceae	Santalales	core asterids	2
	<i>Dodonaea viscosa</i> (L.) Jacq.	Sapindaceae	Sapindales	rosid II/Malvidae	1
	<i>Solanum</i> sp.	Solanaceae	Solanales	asterid I	2
	<i>Waltheria lophanthus</i> Forst. fil.	Malvaceae	Malvales	rosid II/Malvidae	7
	<i>Pipturus argenteus</i> (G. Forster) Wedd.	Urticaceae	Rosales	rosid I/Fabidae	26
	<i>Pipturus</i> sp.				5
	<i>Premna</i> sp.	Lamiaceae	Lamiales	asterid I	2
	<i>Premna tahitensis</i> Schauer				1
<i>Micromimetes shofneri</i>	<i>Heliotropium foertherianum</i> Diane & Hilger	Heliotropiaceae	Boraginales	asterid I	38

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
<i>Tayloilygus apicalis</i>	<i>Atriplex cinerea</i> Poir.	Amaranthaceae	Caryophyllales	core asterids	1
	<i>Astrotricha latifolia</i> Benth.	Araliaceae	Apiales	asterid II	1
	<i>Calotis multicaulis</i> (Turcz.) Druce	Asteraceae	Asterales	asterid II	2
	<i>Cassinia longifolia</i> R. Br.				8
	<i>Chrysocephalum apiculatum</i> (Labill.) Steetz				4
	<i>Erigeron sumatrensis</i> Retz.				4
	<i>Erigeron</i> sp.				11
	<i>Osteospermum moniliferum</i> L.				6
	<i>Helianthus</i> sp.				1
	<i>Helichrysum</i> sp.				2
	<i>Ozothamnus argophyllus</i> (A. Cunn. ex DC.) A. A. Anderberg				1
	<i>Ozothamnus diosmifolius</i> (Vent.) DC.				3
	<i>Rutidosis helichrysoides</i> DC.				6
	<i>Senecio</i> sp.				1
	<i>Senecio linearifolius</i> A.Rich.				3
	<i>Senecio pinnatifolius</i> A.Rich.				4
<i>Casuarina equisetifolia</i> L.	Fagales	rosid I/Fabidae	Fagales	2	
<i>Casuarina pauper</i> F. Müll. ex Miq.				2	

Species name	Host plant species	Host plant family	Host plant order	Clade in APG IV system	Number of specimens collected
	<i>Casuarina</i> sp.				1
	<i>Acacia mearnsii</i> De Wild.	Fabaceae	Fabales	rosid I/Fabidae	1
	<i>Acacia</i> sp.				1
	<i>Phyllota phyllicoides</i> (DC.)Benth.				2
	<i>Pisum sativum</i> L.				2
	<i>Lycopus australis</i> R.Br.	Lamiaceae	Lamiales	asterid I	2
	<i>Calytrix tetragona</i> Labill.	Myrtaceae	Myrtales	rosid II/Malvidae	1
	<i>Kunzea glabrescens</i> H. R. Toelken				5
	<i>Leptospermum laevigatum</i> (Gaertner) F. Müll.				3
	<i>Melaleuca glomerata</i> F. Müll.				1
	<i>Persicaria minor</i> (Hudson) Opiz	Polygonaceae	Caryophyllales	core asterid	4
	<i>Hakea leucoptera</i> R.Br.	Proteaceae	Proteales	eudicots	1
	<i>Psydrax odorata</i> (G.Forst.) A.C.Sm. & S.P.Darwin	Rubiaceae	Gentianales	asterid I	1
	<i>Guioa semiglauca</i> (F. Müll.) Radlk.	Sapindaceae	Sapindales	rosid II/Malvidae	1

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