

Appendix 1. The database

This database was developed by A. Baynes (Western Australian Museum), R. N. Breerton (Parks and Wildlife Service, Tasmania), A. A. Burbidge (Department of Environment and Conservation, Western Australia), C. R. Dickman (University of Sydney), G. Gordon (Queensland Parks and Wildlife Service), N. L. McKenzie (Department of Environment and Conservation, Western Australia), P. W. Menkhorst (Department of Sustainability and Environment, Victoria), A. C. Robinson (Department of Environment and Heritage, South Australia), and J. C. Z. Woinarski (Department of Natural Resources, Environment and the Arts, Northern Territory)

Terrestrial mammal species	IBRA region																											
	AA	ARC	ARP	AW	BBN	BBS	BEL	BHC	BRT	CA	CAR	CHC	CK	CMC	COO	CP	CR	CYP	DAB	DAC	DEU	DL	DMR	DRP	EIU	ESP	EYB	FIN
<i>Tachyglossus aculeatus</i> (Shaw, 1792) Echidna	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
<i>Ornithorhynchus anatinus</i> (Shaw, 1799) Platypus	P																											
<i>Dasyercus cristicauda</i> (Kreffl, 1867) Mulgara					P	P	P	P	P																			
<i>Dasyercus blythi</i> (Waite, 1904) Ampurra								EX	D	P	D					EX	D									EX	EX	D
<i>Dasykaluta rosamondae</i> (Ride, 1964) Little red kaluta, Little red antechinus												SD																
<i>Dasyuroides byrnei</i> Spencer, 1896 Kowari																												
<i>Dasyurus geoffroyi</i> Gould, 1841 Chuditch					EX	EX	EX	EX	EX	SD	EX					SD	EX	EX			EX	EX	EX	EX	SD	EX	EX	EX
<i>Dasyurus maculatus</i> (Kerr, 1792) Spotted-tailed quoll	D				SD	SD	P																					
<i>Dasyurus viverrinus</i> (Shaw, 1800) Eastern quoll	EX						P																					
<i>Dasyurus hallucatus</i> Gould, 1842 Northern quoll		P	P	P	P	D				P	EX	D	P					D	P	P	EX	EX					D	EX
<i>Parantechinus apicalis</i> (Gray, 1842) Dibbler				EX								EX																
<i>Pseudantechinus bilarai</i> (Johnson, 1954) Sandstone antechinus	P	P	P					P									P		P	P								P
<i>Pseudantechinus macdonnellensis</i> (Spencer, 1895) Fat-tailed antechinus																												
<i>Pseudantechinus mimulus</i> (Thomas, 1906) Carpenterian antechinus																												
<i>Pseudantechinus ningbingi</i> Kitchener, 1988 Ningbing antechinus																												
<i>Pseudantechinus woolleyae</i> Kitchener & Caputi, 1988 Woolley's antechinus																												
<i>Pseudantechinus roryi</i> Cooper, Aplin & Adams, 2000 Tan antechinus																												
<i>Sarcophilus harrisi</i> (Boitard, 1841) Tasmanian devil							P																					
<i>Antechinus adustus</i> (Thomas 1923) Rusty antechinus																												
<i>Antechinus agilis</i> Dickman, Parnaby, Crowther & King, 1998 Agile antechinus	P									P										P								
<i>Antechinus bellus</i> (Thomas, 1904) Fawn antechinus																												
<i>Antechinus flavipes</i> (Waterhouse, 1838) Mardo Yellow-footed antechinus		P	P	EX	D									P			D							D			SD	
<i>Antechinus godmani</i> (Thomas, 1923) Atherton antechinus																												
<i>Antechinus leo</i> Van Dyck, 1980 Cinnamon antechinus																												
<i>Antechinus minimus</i> (Geoffroy, 1803) Swamp antechinus																												
<i>Antechinus stuartii</i> Macleay, 1841 Brown antechinus																												
<i>Antechinus subropicus</i> Van Dyck & Crowther 2000 Subtropical antechinus																												
<i>Antechinus swainsonii</i> (Waterhouse, 1840) Dusky antechinus	P						P				EX					EX	EX									D	EX	EX
<i>Phascogale calura</i> Gould, 1844 Red-tailed phascogale																												
<i>Phascogale</i> sp. (southwest WA) Wambenger					SD																							
<i>Phascogale tapoataga</i> (Meyer, 1893) Brush-tailed phascogale	P			D	D																							
<i>Phascogale pirata</i> (Thomas, 1904) Northern phascogale										D								D	D	D	EX							
<i>Planigale gilesi</i> Aitken, 1972 Paucident planigale, Giles' planigale																												P
<i>Planigale ingrami</i> (Thomas, 1906) Long-tailed planigale				P	P	D																					P	
<i>Planigale</i> cf. <i>ingrami</i> (Channel Country SA, Qld, ? NSW)																												
<i>Planigale maculata</i> (Gould, 1851) Common planigale				P	P	P																					P	
<i>Planigale tenuirostris</i> Troughton, 1928 Narrow-nosed planigale				P	P	P																					P	
<i>Planigale</i> 'species 1' (Pilbara WA)																												SD
<i>Planigale</i> 'Mt Tom Price' (Pilbara WA)																												
<i>Ningau ridiei</i> Archer, 1975 Wongai ningau																												P
<i>Ningau timealevi</i> Archer, 1975 Pilbara ningau																												
<i>Ningau yvonneae</i> Kitchener, Stoddart & Henry, 1983 Southern ningau																												
<i>Antechinomys laniger</i> (Gould, 1856) Kultarr																												
<i>Sminthopsis atkinsi</i> Kitchener, Stoddart & Henry, 1984 Sooty dunnart																												
<i>Sminthopsis archeri</i> Van Dyck, 1986 Chestnut dunnart																												
<i>Sminthopsis bindi</i> Van Dyck, Woinarski & Press, 1994 Kakadu dunnart																												
<i>Sminthopsis bulteri</i> Archer, 1979 Carpenterian dunnart																												
<i>Sminthopsis erassicaudata</i> (Gould, 1844) Fat-tailed dunnart																												
<i>Sminthopsis dolichura</i> Kitchener, Stoddart & Henry, 1984 Little long-tailed dunnart																												
<i>Sminthopsis donglassi</i> Archer, 1979 Julia Creek dunnart																												
<i>Sminthopsis gilberti</i> Kitchener, Stoddart & Henry, 1984 Gilbert's dunnart																												
<i>Sminthopsis grandilopes</i> Troughton, 1932 White-tailed dunnart																												
<i>Sminthopsis eriseovenier</i> Kitchener, Stoddart & Henry, 1984 Grey-bellied dunnart																												
<i>Sminthopsis hirtipes</i> Thomas, 1898 Hairy-footed dunnart																												
<i>Sminthopsis leucopus</i> (Gray, 1842) White-footed dunnart																												

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region															
	AA	ARC	ARP	AW	BBN	BBS	BEL	BHC	BRT	CA	CHC	CK	CMC	COO	CP	CR
<i>Sminthopsis longicaudata</i> Spencer, 1909																
<i>Sminthopsis macroura</i> (Gould, 1845)																
<i>Sminthopsis murina</i> (Waterhouse, 1838)																
<i>Sminthopsis ooldea</i> Troughton, 1965																
<i>Sminthopsis psammophila</i> Spencer, 1895																
<i>Sminthopsis virginiae</i> (Tarragon, 1847)																
<i>Sminthopsis youngsoni</i> McKenzie & Archer, 1982																
<i>Myrmecobius fasciatus</i> Waterhouse, 1836																
<i>Thylacinus cynocephalus</i> Harris, 1808																
<i>Echymipera rufescens</i> (Peters & Doria, 1875)																
<i>Isodon auratus</i> (Ramsay, 1887)																
<i>Isodon macrourus</i> (Gould, 1842)																
<i>Isodon obesulus</i> (Shaw, 1797)																
<i>Perameles bougainville</i> Quoy & Gaimard, 1824																
<i>Perameles eremiana</i> Spencer, 1897																
<i>Perameles gunni</i> Gray, 1838																
<i>Perameles nasuta</i> Geoffroy, 1804																
<i>Chaeropus acandatus</i> (Ogilby, 1838)																
<i>Macrotis lagotis</i> (Reid, 1837)																
<i>Macrotis leucura</i> (Thomas, 1887)																
<i>Phascogaleus cinereus</i> (Goldfuss, 1817)																
<i>Lasiorchinus kreffti</i> (Owen, 1872)																
<i>Lasiorchinus laifrons</i> (Owen, 1845)																
<i>Vombatus ursinus</i> (Shaw, 1800)																
<i>Burrumys parvus</i> Broom, 1896																
<i>Cercartetus caudatus</i> (Milne-Edwards, 1877)																
<i>Cercartetus concinnus</i> Gould, 1845																
<i>Cercartetus lepidus</i> (Thomas, 1888)																
<i>Cercartetus nanus</i> (Desmarest, 1818)																
<i>Dactylopsila trivirgata</i> Gray, 1858																
<i>Gymnobelideus leadbeateri</i> McCoy, 1867																
<i>Petaurus australis</i> Shaw, 1791																
<i>Petaurus breviceps</i> Waterhouse, 1839																
<i>Petaurus gracilis</i> (De Vis, 1883)																
<i>Petaurus norfolcensis</i> (Kerr, 1792)																
<i>Hemibelideus lemuroides</i> (Collett, 1884)																
<i>Petaurideus volans</i> (Kerr, 1792)																
<i>Petaurideus dalhi</i> (Collett, 1895)																
<i>Pseudochelone occidentalis</i> (Thomas, 1888)																
<i>Pseudochelone peregrinus</i> (Boddart, 1785)																
<i>Pseudochelone archeri</i> (Collett, 1884)																
<i>Pseudochelone cinereus</i> (Tate, 1945)																
<i>Pseudochelone herbertensis</i> (Collett, 1884)																
<i>Tarsipes rostratus</i> Gervais & Verreaux, 1842																
<i>Acrobates pygmaeus</i> (Shaw, 1794)																
<i>Phalanger mimicus</i> (Thomas, 1922)																
<i>Spilocuscus maculatus</i> (Desmarest, 1818)																
<i>Trichosurus caninus</i> (Ogilby, 1836)																
<i>Trichosurus vulpecula</i> (Kerr, 1792)																
<i>Wyddia squameicaudata</i> Alexander, 1919																
<i>Hypsiprymnodon moschatus</i> Ramsay, 1876																
<i>Aepyprymnus rufescens</i> (Gray, 1837)																
<i>Betongia gaimardi</i> (Desmarest, 1822)																
<i>Betongia lesueur</i> (Quoy & Gaimard, 1824)																
<i>Betongia penicillata</i> Gray, 1837																
<i>Betongia pisilla</i> McNamara, 1997																
<i>Betongia tropica</i> Wakefield, 1967																
<i>Caloprymnus campestris</i> (Gould, 1843)																
<i>Potorous gilbertii</i> Gould, 1841																
<i>Potorous longipes</i> Seebeck & Johnston, 1980																

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region															
	AA	ARC	ARP	AW	IBN	BBS	BEL	BHC	BRT	CA	CAR	CHC	CK	CMC	COO	CP
	EX															
<i>Potorous platypus</i> (Gould, 1844)																
<i>Potorous tridactylus</i> (Kerr, 1792)																
<i>Dendrolagus bennettianus</i> De Vis, 1887																
<i>Dendrolagus limholzi</i> Collett, 1884																
<i>Lagorchestes asomatus</i> Finlayson, 1943																
<i>Lagorchestes conspicillatus</i> Gould, 1842																
<i>Lagorchestes hirsutus</i> Gould, 1844																
<i>Lagorchestes leporides</i> (Gould, 1841)																
<i>Macropus agilis</i> (Gould, 1842)																
<i>Macropus antilopinus</i> (Gould, 1842)																
<i>Macropus bernardus</i> Rothschild, 1904																
<i>Macropus dorsalis</i> (Gray, 1837)																
<i>Macropus eugenii</i> (Desmarest, 1817)																
<i>Macropus fuliginosus</i> (Desmarest, 1817)																
<i>Macropus giganteus</i> Shaw, 1790																
<i>Macropus greyi</i> Waterhouse, 1845																
<i>Macropus irma</i> (Lourdan, 1937)																
<i>Macropus parma</i> Waterhouse, 1845																
<i>Macropus parryi</i> Bennett, 1835																
<i>Macropus robustus</i> Gould, 1841																
<i>Macropus rufogriseus</i> (Desmarest, 1817)																
<i>Macropus rufus</i> (Desmarest, 1822)																
<i>Onychogalea fraenata</i> (Gould, 1841)																
<i>Onychogalea lunata</i> (Gould, 1841)																
<i>Onychogalea unguifera</i> (Gould, 1841)																
<i>Petrogale assimilis</i> Ramsay, 1877																
<i>Petrogale brachyotis</i> (Gould, 1841)																
<i>Petrogale burbidgei</i> Kitchener & Sanson, 1978																
<i>Petrogale coenensis</i> Eldridge & Close, 1992																
<i>Petrogale concinna</i> Gould, 1842																
<i>Petrogale godmani</i> Thomas, 1923																
<i>Petrogale herberti</i> Thomas, 1923																
<i>Petrogale inornata</i> Gould, 1842																
<i>Petrogale lateralis</i> Gould, 1842																
<i>Petrogale mareeba</i> Eldridge & Close, 1992																
<i>Petrogale penicillata</i> (Gray, 1842)																
<i>Petrogale persphone</i> Maynes, 1982																
<i>Petrogale purpureicollis</i> Le Souef, 1924																
<i>Petrogale rothschildi</i> Thomas, 1904																
<i>Petrogale sharmani</i> Eldridge & Close, 1992																
<i>Petrogale xanthopus</i> Gray, 1855																
<i>Setonix brachyurus</i> (Quoy & Gaimard, 1830)																
<i>Thylagale billardieri</i> (Desmarest, 1822)																
<i>Thylagale stigmatica</i> (Gould, 1860)																
<i>Thylagale thetis</i> (Lesson, 1827)																
<i>Wallabia bicolor</i> (Desmarest, 1804)																
<i>Lagostrophus fasciatus</i> (Peron & Lesueur, 1807)																
<i>Notoryctes caurinus</i> Thomas, 1920																
<i>Notoryctes typhlops</i> (Stirling, 1889)																
<i>Pteropus poliocephalus</i> Temminck, 1885																
<i>Pteropus scapulatus</i> Peters, 1862																
<i>Pteropus alecto</i> Temminck, 1837																
<i>Pteropus bandicri</i> Richards & Hall, 2001																
<i>Pteropus brunneus</i> Dobson, 1878																
<i>Pteropus conspicillatus</i> Gould, 1850																
<i>Pteropus macrotis</i> Peters, 1867																
<i>Dobsonia moluccensis</i> (Quoy & Gaimard, 1830)																
<i>Nyctimene robinsoni</i> Thomas, 1904																
<i>Nyctimene cephalotes</i> Pallas, 1767																
<i>Syconcycteris australis</i> (Peters, 1867)																

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Appendix 1. (continued)

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region																
	AA	ARC	ARP	AW	BBN	BBS	BEL	BHC	BRT	CA	CAR	CHC	CK	CMC	COO	CP	CR
<i>Ispadidelus punillus</i> (Thomas, 1906)																	
<i>Ispadidelus regillus</i> (Thomas, 1906)																	
<i>Ispadidelus trouhoni</i> Kitchener, Jones & Caputi, 1987																	
<i>Ispadidelus vittatus</i> (Thomas, 1914)																	
<i>Conilurus alpinus</i> (Liechtenstein, 1829)																	
<i>Conilurus penicillatus</i> (Gould, 1842)																	
<i>Leggadina forresti</i> (Thomas, 1906)																	
<i>Leggadina lakadownensis</i> Watts, 1976																	
<i>Leporillus apicalis</i> (Gould, 1853)																	
<i>Leporillus conditor</i> (Sturt, 1848)																	
<i>Mastacomys fuscus</i> Thomas, 1882																	
<i>Mesembriomys gouldii</i> (Gray, 1843)																	
<i>Mesembriomys macrurus</i> (Peters, 1876)																	
<i>Notomys alexis</i> Thomas, 1922																	
<i>Notomys amplius</i> Brazeal, 1936																	
<i>Notomys aquilo</i> Thomas, 1921																	
<i>Notomys cervinus</i> (Gould, 1853)																	
<i>Notomys fasciatus</i> (Jones, 1925)																	
<i>Notomys longicaudatus</i> (Gould, 1844)																	
<i>Notomys macrotis</i> Thomas, 1921																	
<i>Notomys mitchelli</i> (Ogilby, 1838)																	
<i>Notomys mordax</i> Thomas, 1922																	
<i>Notomys robustus</i> Mahoney, Smith & Medlin, 2008																	
<i>Pseudomys albocinctus</i> (Gould, 1845)																	
<i>Pseudomys apodemoides</i> Finlayson, 1932																	
<i>Pseudomys auritus</i> Thomas, 1910																	
<i>Pseudomys australis</i> Gray, 1832																	
<i>Pseudomys bolami</i> Troughton, 1932																	
<i>Pseudomys calabyi</i> Kitchener & Humphreys, 1987																	
<i>Pseudomys chapmani</i> Kitchener, 1980																	
<i>Pseudomys delicatulus</i> (Gould, 1842)																	
<i>Pseudomys desertor</i> Troughton, 1932																	
<i>Pseudomys fieldi</i> (Waite, 1896)																	
<i>Pseudomys fumeus</i> Brazeal, 1934																	
<i>Pseudomys glaucus</i> Thomas, 1910																	
<i>Pseudomys gouldii</i> (Waterhouse, 1839)																	
<i>Pseudomys gracilicaudatus</i> (Gould, 1845)																	
<i>Pseudomys harrisi</i> (Troughton, 1932)																	
<i>Pseudomys higginsii</i> (Troughton, 1932)																	
<i>Pseudomys johnsoni</i> Kitchener, 1985																	
<i>Pseudomys laborifer</i> Kitchener & Humphreys, 1986																	
<i>Pseudomys nanus</i> (Gould, 1858)																	
<i>Pseudomys novaehollandiae</i> (Waterhouse, 1843)																	
<i>Pseudomys occidentalis</i> Tate, 1951																	
<i>Pseudomys ordis</i> Thomas, 1921																	
<i>Pseudomys patrius</i> (Thomas and Dollman, 1909)																	
<i>Pseudomys pilligaensis</i> Fox & Briscoe, 1980																	
<i>Pseudomys shorridgei</i> (Thomas, 1907)																	
<i>Pseudomys</i> sp. (undescribed pebble-mound mouse, Qld)																	
<i>Zyzomys argurus</i> (Thomas, 1889)																	
<i>Zyzomys maini</i> Kitchener, 1989																	
<i>Zyzomys palatilis</i> Kitchener, 1989																	
<i>Zyzomys pedunculatus</i> (Waite, 1896)																	
<i>Zyzomys woodwardi</i> (Thomas, 1909)																	
<i>Hydromys chrysogaster</i> Geoffroy, 1804																	
<i>Xeromys myoides</i> Thomas, 1889																	
<i>Melomys burtoni</i> (Ramsay, 1887)																	
<i>Melomys capensis</i> Tate, 1951																	
<i>Melomys cervinipes</i> (Gould, 1852)																	
<i>Uromys caudimaculatus</i> (Krefft, 1867)																	

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region																			
	AA	ARC	ARP	AW	BBN	BBS	BEL	BHC	BRT	CA	CAR	CHC	CK	CMC	COO	CP	CR	CYP	DAB	DAC
<i>Uromys hadronus</i> (Winter, 1984)																				
<i>Pogonomys multiplisus</i> Peters & Doria, 1881																				
<i>Rattus colletti</i> (Thomas, 1904)																				
<i>Rattus fuscipes</i> (Waterhouse, 1839)																				
<i>Rattus leucopus</i> (Gray, 1867)																				
<i>Rattus turechus</i> (Gray, 1841)																				
<i>Rattus sordidus</i> (Gould, 1858)																				
<i>Rattus tunneyi</i> (Thomas, 1904)																				
<i>Rattus villosissimus</i> (Waite, 1898)																				
<i>Rattus</i> sp. (central Qld)																				
No. of indigenous species	39	55	59	53	80	89	31	39	46	50	61	51	39	70	49	38	41	79	51	58
No. of 'P'	35	51	55	26	65	58	29	15	28	46	33	31	34	67	28	17	21	71	49	56
No. of 'D'	3	3	1	2	8	16	1	5	2	2	0	6	4	0	0	10	3	7	1	1
No. of 'SD'	0	1	2	5	5	4	0	3	2	1	11	4	0	2	1	2	1	1	0	1
No. of 'EX'	1	0	1	20	2	11	1	16	14	1	17	10	1	1	20	9	16	0	1	0
No. of 'EX', 'SD' and 'D'	4	4	4	27	15	31	2	24	18	4	28	20	5	3	21	21	20	8	2	2
<i>Mus domesticus</i> Hinton, 1916																				
<i>Rattus exilans</i> (Peale, 1848)																				
<i>Rattus norvegicus</i> (Berkenhout, 1769)																				
<i>Rattus rattus</i> (Linnaeus, 1758)																				
<i>Funambulus pennanti</i> Wroughton, 1905																				
<i>Canis lupus dingo</i> (Meyer, 1793)																				
<i>Vulpes vulpes</i> Linnaeus, 1758																				
<i>Felis catus</i> Linnaeus, 1758																				
<i>Mustela putorius furo</i> Linnaeus, 1758																				
<i>Oryctolagus cuniculus</i> (Linnaeus, 1758)																				
<i>Lepus capensis</i> Linnaeus, 1758																				
<i>Equus caballus</i> Linnaeus, 1758																				
<i>Equus asinus</i> Linnaeus, 1758																				
<i>Sus scrofa</i> Linnaeus, 1758																				
<i>Camelus dromedarius</i> Linnaeus, 1758																				
<i>Bubalis bubalis</i> (Linnaeus, 1758)																				
<i>Bos javanicus</i> D'Alton, 1823																				
<i>Bos taurus</i> Linnaeus, 1758																				
<i>Capra hircus</i> Linnaeus, 1758																				
<i>Ovis aries</i> Linnaeus, 1758																				
<i>Dama dama</i> (Linnaeus, 1758)																				
<i>Cervus elaphus</i> Linnaeus, 1758																				
<i>Cervus timorensis</i> de Blainville, 1822																				
<i>Cervus unicolor</i> Kerr, 1792																				
<i>Axis axis</i> (Erxleben, 1777)																				
<i>Axis porcinus</i> (Zimmermann, 1780)																				
No. of exotic species	13	11	8	9	12	14	9	8	9	8	10	12	5	10	9	11	7	9	9	12

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region															
	FLB	FLI	GAS	GAW	GD	GFU	GS	GSD	GUC	GUP	GVD	HAM	JF	KAN	KIN	LSD
	MAC	MAL	MDD	MGD	MII	ML	MUR	NAN	NCP	NET	NK	NNC				
<i>Tachyglossus aculeatus</i> (Shaw, 1792) Echidna	D	P	P	D	P	P	P	P	P	P	P	P	P	P	P	P
<i>Onithorhynchus anatinus</i> (Shaw, 1799) Platypus	EX	P														P
<i>Dasyurus cristicauda</i> (Krefft, 1867) Mulgara	EX		D				D	EX								P
<i>Dasyurus blythi</i> (Waite, 1904) Amputia				EX			EX									P
<i>Dasykaluta rosamondae</i> (Ride, 1964) Little red kaluta, Little red antechinus																
<i>Dasyuroides byrnei</i> Spencer, 1896 Kowari	EX															
<i>Dasyurus geoffroyi</i> Gould, 1841 Chuditch	EX		EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	P
<i>Dasyurus maculatus</i> (Kerr, 1792) Spotted-tailed quoll	P															P
<i>Dasyurus viverrinus</i> (Shaw, 1800) Eastern quoll	EX	P														EX
<i>Dasyurus hallucatus</i> Gould, 1842 Northern quoll																P
<i>Parantechinus apicalis</i> (Gray, 1842) Dibbler																
<i>Pseudantechinus bilarni</i> (Johnson, 1954) Sandstone antechinus																
<i>Pseudantechinus macdonnellensis</i> (Spencer, 1895) Fat-tailed antechinus																P
<i>Pseudantechinus mimulus</i> (Thomas, 1906) Carpenterian antechinus																EX
<i>Pseudantechinus ningbingi</i> Kitchener, 1988 Ningbing antechinus																P
<i>Pseudantechinus woolleyae</i> Kitchener & Caputi, 1988 Woolley's antechinus																EX
<i>Pseudantechinus roryi</i> Cooper, Aplin & Adams, 2000 Tan antechinus																EX
<i>Sarcophilus harrisii</i> (Boitard, 1841) Tasmanian devil	P															P
<i>Antechinus adustus</i> (Thomas, 1923) Rusty antechinus																
<i>Antechinus agilis</i> Dickman, Parnaby, Crowther & King, 1998 Agile antechinus	P															D
<i>Antechinus bellus</i> (Thomas, 1904) Fawn antechinus																
<i>Antechinus flavipes</i> (Waterhouse, 1838) Marbo, Yellow-footed antechinus	D															P
<i>Antechinus godmani</i> (Thomas, 1923) Atherton antechinus																
<i>Antechinus leo</i> Van Dyck, 1980 Cinnamon antechinus																
<i>Antechinus minimus</i> (Geoffroy, 1803) Swamp antechinus	D															D
<i>Antechinus stuartii</i> Macleay, 1841 Brown antechinus																
<i>Antechinus subrotundus</i> Van Dyck & Crowther 2000 Subtropical antechinus																
<i>Antechinus swainsonii</i> (Waterhouse, 1840) Dusky antechinus																
<i>Phascogale calura</i> Gould, 1844 Red-tailed phascogale	EX		EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	P
<i>Phascogale</i> sp. (southwest WA) Wambenger	EX															
<i>Phascogale tapoatafa</i> (Meyer, 1893) Brush-tailed phascogale																
<i>Phascogale pirata</i> (Thomas, 1904) Northern phascogale																
<i>Planigale gilesi</i> Aitken, 1972 Paucident planigale, Giles' planigale	D		D													P
<i>Planigale ingrami</i> (Thomas, 1906) Long-tailed planigale																
<i>Planigale cf. ingrami</i> (Chamel Country SA, Qld, ? NSW)																
<i>Planigale maculata</i> (Gould, 1851) Common planigale																P
<i>Planigale tenuirostris</i> Troughton, 1928 Narrow-nosed planigale	D		D													D
<i>Planigale</i> 'species 1' (Pilbara WA)																
<i>Planigale</i> 'Mt Tom Price' (Pilbara WA)																
<i>Ningauia ridei</i> Archer, 1975 Wongai ningauia	P		P													P
<i>Ningauia timealeyi</i> Archer, 1975 Pilbara ningauia	P															P
<i>Ningauia yvonneae</i> Kitchener, Stoddart & Henry, 1983 Southern ningauia																
<i>Antechinus langeri</i> (Gould, 1856) Kullarr																
<i>Sminthopsis aikeni</i> Kitchener, Stoddart & Henry, 1984 Sooty dunnart	D		P	P	EX	P	EX	P	EX	P	EX	SD				P
<i>Sminthopsis archeri</i> Van Dyck, 1986 Chestnut dunnart																
<i>Sminthopsis bindi</i> Van Dyck, Woinarski & Press, 1994 Kakadu dunnart																
<i>Sminthopsis butleri</i> Archer, 1979 Carpenterian dunnart																
<i>Sminthopsis erassicauda</i> (Gould, 1844) Fat-tailed dunnart	D		D													P
<i>Sminthopsis dolichura</i> Kitchener, Stoddart & Henry, 1984 Little long-tailed dunnart	D															
<i>Sminthopsis douglasi</i> Archer, 1979 Julia Creek dunnart																
<i>Sminthopsis gilberti</i> Kitchener, Stoddart & Henry, 1984 Gilbert's dunnart																
<i>Sminthopsis granulipes</i> Troughton, 1932 White-tailed dunnart																
<i>Sminthopsis griseovenator</i> Kitchener, Stoddart & Henry, 1984 Grey-bellied dunnart																
<i>Sminthopsis hirtipes</i> Thomas, 1898 Harry-footed dunnart																
<i>Sminthopsis leucopus</i> (Gray, 1842) White-footed dunnart																D
<i>Sminthopsis longicauda</i> Spencer, 1909 Long-tailed dunnart																
<i>Sminthopsis macroura</i> (Gould, 1845) Stripe-faced dunnart	P		P	D	P	P	P	P	P	P	P	P	SD	P	P	P
<i>Sminthopsis murina</i> (Waterhouse, 1838) Common dunnart	D															P
<i>Sminthopsis ooldlea</i> Troughton, 1965 Ooldlea dunnart																
<i>Sminthopsis psammophila</i> Spencer, 1895 Sandhill dunnart																EX

(continued next page)

Appendix 1. (continued)

Terrestrial mammal species	IBRA region													
	FLB	FLI	GAS	GAW	GD	GFU	GS	GSD	GUC	GUP	GVD	HAM	JF	KAN
<i>Sminthopsis virginiae</i> (Tarnagon, 1847)														
<i>Sminthopsis youngsoni</i> McKenzie & Archer, 1982														
<i>Myrmecobius fasciatus</i> Waterhouse, 1836														
<i>Thylacinus cynocephalus</i> Harris, 1808														
<i>Echymipera rufescens</i> (Peters & Doria, 1875)														
<i>Isodon auratus</i> (Ramsay, 1887)														
<i>Isodon macrourus</i> (Gould, 1842)														
<i>Isodon obesulus</i> (Shaw, 1797)														
<i>Perameles boagvillei</i> Quoy & Gaimard, 1824														
<i>Perameles eremiana</i> Spencer, 1897														
<i>Perameles gunii</i> Gray, 1838														
<i>Perameles nasuta</i> Geoffroy, 1804														
<i>Chaeropus ecaudatus</i> (Ogilby, 1838)														
<i>Macrotis lagotis</i> (Reid, 1837)														
<i>Macrotis leucura</i> (Thomas, 1887)														
<i>Phascogalea cinerea</i> (Goldfuss, 1817)														
<i>Lasiorchinus krefftii</i> (Owen, 1872)														
<i>Lasiorchinus latifrons</i> (Owen, 1845)														
<i>Vombatus ursinus</i> (Shaw, 1800)														
<i>Burrhus parvus</i> Broom, 1896														
<i>Cercartetus caudatus</i> (Milne-Edwards, 1877)														
<i>Cercartetus concinnus</i> Gould, 1845														
<i>Cercartetus lepidus</i> (Thomas, 1888)														
<i>Cercartetus nanus</i> (Desmarest, 1818)														
<i>Dactylopsila trivirgata</i> Gray, 1858														
<i>Gymnobelideus leadbeateri</i> McCoy, 1867														
<i>Petaurus australis</i> Shaw, 1791														
<i>Petaurus brevipes</i> Waterhouse, 1839														
<i>Petaurus gracilis</i> (De Vis, 1883)														
<i>Petaurus norfolcensis</i> (Kerr, 1792)														
<i>Hemibelideus lemuroides</i> (Collett, 1884)														
<i>Petauroides volans</i> (Kerr, 1792)														
<i>Peiropseudes dalli</i> (Collett, 1895)														
<i>Pseudochirus occidentalis</i> (Thomas, 1888)														
<i>Pseudochirus peregrinus</i> (Boddart, 1785)														
<i>Pseudochirus archeri</i> (Collett, 1884)														
<i>Pseudochirus cinereus</i> (Tate, 1945)														
<i>Pseudochirus herbertensis</i> (Collett, 1884)														
<i>Tarsipes rostratus</i> Gervais & Verreaux, 1842														
<i>Acrobates pygmaeus</i> (Shaw, 1794)														
<i>Phalanger mimicus</i> (Thomas, 1922)														
<i>Spilascus maculatus</i> (Desmarest, 1818)														
<i>Trichosurus caninus</i> (Ogilby, 1836)														
<i>Trichosurus vulpecula</i> (Kerr, 1792)														
<i>Wyulda squamicaudata</i> Alexander, 1919														
<i>Hypsiprymnodon moschatus</i> Ramsay, 1876														
<i>Aepyprymnus rufescens</i> (Gray, 1837)														
<i>Betongia gaimardi</i> (Desmarest, 1822)														
<i>Betongia lesueur</i> (Quoy & Gaimard, 1824)														
<i>Betongia penicillata</i> Gray, 1837														
<i>Betongia pusilla</i> McNamara, 1997														
<i>Betongia tropica</i> Wakefield, 1967														
<i>Caloprymnus campestris</i> (Gould, 1843)														
<i>Potorous gilbertii</i> Gould, 1841														
<i>Potorous longipes</i> Seebeck & Johnston, 1980														
<i>Potorous platyops</i> (Gould, 1844)														
<i>Potorous tridactylus</i> (Kerr, 1792)														
<i>Dendrolagus bennettianus</i> De Vis, 1887														
<i>Dendrolagus lumholzi</i> Collett, 1884														
<i>Lagorchestes asomatus</i> Finlayson, 1943														

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region																
	FLB	FLI	GAS	GAW	GD	GFU	GS	GSD	GUC	GUP	GVD	HAM	JF	KAN	KIN	LSD	MAC
<i>Lagorchestes conspicillatus</i> Gould, 1842 Spectacled hare-wallaby					EX	P		SD	D	D	EX					EX	EX
<i>Lagorchestes hirsutus</i> Gould, 1844 Rufous hare-wallaby					EX			EX								EX	EX
<i>Lagorchestes leporides</i> (Gould, 1841) Eastern hare-wallaby	EX																
<i>Macropus agilis</i> (Gould, 1842) Agile wallaby						P		P	P							P	P
<i>Macropus antilopinus</i> (Gould, 1842) Antilopine wallaroo						P		P	P								
<i>Macropus bernardus</i> Rothschild, 1904 Black wallaroo																	
<i>Macropus dorsalis</i> (Gray, 1837) Black-striped wallaby																	
<i>Macropus engleri</i> (Desmarest, 1817) Tammar wallaby																	
<i>Macropus fuliginosus</i> (Desmarest, 1817) Western grey kangaroo																	
<i>Macropus giganteus</i> Shaw, 1790 Eastern grey kangaroo																	
<i>Macropus greyi</i> Waterhouse, 1845 Toolache wallaby																	
<i>Macropus irma</i> (Lourdan, 1937) Western brush wallaby																	
<i>Macropus parma</i> Waterhouse, 1845 Parma wallaby																	
<i>Macropus parryi</i> Bennett, 1835 Whiptail wallaby																	
<i>Macropus robustus</i> Gould, 1841 Euro																	
<i>Macropus rufogriseus</i> (Desmarest, 1817) Red-necked wallaby, Bennett's wallaby																	
<i>Macropus rufus</i> (Desmarest, 1822) Red kangaroo, Marloo																	
<i>Onychogalea fraenata</i> (Gould, 1841) Bridled nailtail wallaby																	
<i>Onychogalea lunata</i> (Gould, 1841) Djawolpa, Crescent nailtail wallaby																	
<i>Onychogalea unguifera</i> (Gould, 1841) Wootoo-wootoo, Northern nailtail wallaby																	
<i>Petrogale assimilis</i> Ramsay, 1877 Allied rock-wallaby	EX				EX			EX	EX							EX	EX
<i>Petrogale brachyotis</i> (Gould, 1841) Bagei, Short-eared rock-wallaby						P		P	P								
<i>Petrogale burbridgei</i> Kitchener & Sanson, 1978 Monjon																	
<i>Petrogale coenensis</i> Eldridge & Close, 1992 Cape York rock-wallaby																	
<i>Petrogale concinna</i> Gould, 1842 Nabarlek																	
<i>Petrogale godmani</i> Thomas, 1923 Godman's rock-wallaby																	
<i>Petrogale herberti</i> Thomas, 1923 Herbert's rock-wallaby																	
<i>Petrogale inornata</i> Gould, 1842 Unadorned rock-wallaby																	
<i>Petrogale lateralis</i> Gould, 1842 Waru, Black-footed rock-wallaby																	
<i>Petrogale mareauba</i> Eldridge & Close 1992 Mareeba rock-wallaby																	
<i>Petrogale penicillata</i> (Gray, 1842) Brush-tailed rock-wallaby																	
<i>Petrogale persphone</i> Maynes, 1982 Prosperpine rock-wallaby																	
<i>Petrogale purpureicollis</i> Le Souef, 1924 Purple-necked rock-wallaby																	
<i>Petrogale rothschildi</i> Thomas, 1904 Rothschild's rock-wallaby																	
<i>Petrogale sharami</i> Eldridge & Close, 1992 Mount Claro rock-wallaby																	
<i>Petrogale xanthopus</i> Gray, 1855 Yellow-footed rock-wallaby																	
<i>Setonix brachyurus</i> (Quoy & Gaimard, 1830) Quokka																	
<i>Thylagale billardieri</i> (Desmarest, 1822) Tasmanian pademelon																	
<i>Thylagale stigmatica</i> (Gould, 1860) Red-legged pademelon																	
<i>Thylagale thetis</i> (Lesson, 1827) Red-necked pademelon																	
<i>Wallabia bicolor</i> (Desmarest, 1804) Swamp wallaby																	
<i>Lagostrophus fasciatus</i> (Peron & Lesueur, 1807) Banded hare-wallaby																	
<i>Notoryctes caurinus</i> Thomas, 1920 Kakarratui, Northern marsupial mole																	
<i>Notoryctes typhlops</i> (Stirling, 1889) Idjardjard, Southern marsupial mole																	
<i>Pteropus poliocephalus</i> Temminck, 1885 Grey-headed flying-fox																	
<i>Pteropus scapulatus</i> Peters, 1862 Little red flying-fox																	
<i>Pteropus alecto</i> Temminck, 1837 Black flying-fox																	
<i>Pteropus banakrisi</i> Richards & Hall, 2001 Torresian flying-fox																	
<i>Pteropus brunneus</i> Dobson, 1878 Percy Island flying-fox																	
<i>Pteropus conspicillatus</i> Gould, 1850 Spectacled flying-fox																	
<i>Pteropus macrotis</i> Peters, 1867 Large-eared flying-fox																	
<i>Dobsonia moluccensis</i> (Quoy & Gaimard, 1830) Bare-backed fruit bat																	
<i>Nyctimene robinsoni</i> Thomas, 1904 Eastern tube-nosed bat																	
<i>Nyctimene cephalotes</i> Pallas, 1767 Torresian tube-nosed bat																	
<i>Synonycteris australis</i> (Peters, 1867) Eastern blossom bat																	
<i>Macroglossus minimus</i> (Geoffroy, 1810) Northern blossom-bat																	
<i>Macrodarma gigas</i> (Dobson, 1880) Ghost bat																	
<i>Rhinolophus megaphyllus</i> Gray, 1834 Eastern horseshoe-bat																	
<i>Rhinolophus affinis philippinensis</i> Waterhouse, 1843 (small form)																	
<i>Rhinolophus affinis philippinensis</i> Waterhouse, 1843 (large form)																	
Lesser large-eared horseshoe bat																	
Greater large-eared horseshoe-bat																	

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region													
	FLB	FLI	GAS	GAW	GD	GFU	GS	GUC	GUP	GVD	HAM	JF	KAN	KIN
<i>Hipposideros ater</i> Templeton, 1848														
<i>Hipposideros cervinus</i> (Gould, 1854)														
<i>Hipposideros diadema</i> (Geoffroy, 1813)														
<i>Hipposideros semoni</i> Maisch, 1903														
<i>Hipposideros stenotis</i> Thomas, 1913														
<i>Rhinonicteris aurantius</i> Gray, 1845														
<i>Taphozous australis</i> Gould, 1854														
<i>Taphozous georgianus</i> Thomas, 1915														
<i>Taphozous hilli</i> Kitchener, 1980														
<i>Taphozous kapalgensis</i> McKean & Friend, 1979														
<i>Taphozous troughtoni</i> Tate, 1952														
<i>Saccolaimus flaviventris</i> (Peters, 1867)														
<i>Saccolaimus nixtus</i> Troughton, 1925														
<i>Saccolaimus saccolaimus</i> (Temminck, 1838)														
<i>Tadarida australis</i> (Gray, 1838)														
<i>Chiroreptophis jenkinsi</i> (Miller, 1902)														
<i>Mormopterus beccarii</i> Peters, 1881														
<i>Mormopterus lorinae</i> Thomas, 1897														
<i>Mormopterus norfolkensis</i> (Gray, 1839)														
<i>Mormopterus</i> sp. 4 Pops P, Q, R														
<i>Mormopterus</i> sp. 3														
<i>Mormopterus</i> sp. 4														
<i>Mormopterus</i> sp. 2														
<i>Mormopterus</i> sp. 6														
<i>Kerivoula papuensis</i> Dobson, 1878														
<i>Miniopterus australis</i> (Tomes, 1858)														
<i>Miniopterus schreibersii</i> (Kuhl, 1817)														
<i>Murina florium</i> Thomas, 1908														
<i>Nyctophilus arnhemensis</i> Johnson, 1959														
<i>Nyctophilus bifax</i> Thomas, 1915														
<i>Nyctophilus geoffroyi</i> Leach, 1821														
<i>Nyctophilus gouldi</i> Tomes, 1858														
<i>Nyctophilus timorensis</i> (Geoffroy, 1806)														
<i>Nyctophilus walkeri</i> Thomas, 1892														
<i>Chalinolobus dyeri</i> Ryan, 1966														
<i>Chalinolobus gouldi</i> (Gray, 1841)														
<i>Chalinolobus morio</i> (Gray, 1841)														
<i>Chalinolobus nigrogriseus</i> (Gould, 1856)														
<i>Chalinolobus pictatus</i> (Gould, 1842)														
<i>Falsistrellus mackenziei</i> Kitchener, Caputi & Jones, 1986														
<i>Falsistrellus tasmaniensis</i> Gould, 1858														
<i>Myotis macropus</i> Gould, 1855														
<i>Pipistrellus adamsi</i> Kitchener, Caputi & Jones, 1986														
<i>Pipistrellus westralis</i> Koopman, 1984														
<i>Scoteanax rueppellii</i> (Peters, 1866)														
<i>Scotorepens baldoni</i> (Thomas, 1906)														
<i>Scotorepens greyii</i> (Gray, 1843)														
<i>Scotorepens orion</i> (Troughton, 1937)														
<i>Scotorepens sanborni</i> (Troughton, 1937)														
<i>Scotorepens</i> sp.														
<i>Vespadelus baverstocki</i> Kitchener, Jones & Caputi, 1987														
<i>Vespadelus caurinus</i> (Thomas, 1914)														
<i>Vespadelus darlingtoni</i> (Allen, 1933)														
<i>Vespadelus douglasorum</i> (Kitchener, 1976)														
<i>Vespadelus finlaysoni</i> (Kitchener, Jones & Caputi, 1987)														
<i>Vespadelus pumilus</i> (Thomas, 1906)														
<i>Vespadelus regulus</i> (Thomas, 1906)														
<i>Vespadelus troughtoni</i> Kitchener, Jones & Caputi, 1987														
<i>Vespadelus vulturnus</i> (Thomas, 1914)														
<i>Conilurus albigipes</i> (Liechtenstein, 1829)														

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region													
	FLB	FLI	GAS	GAW	GD	GFU	GS	GSD	GUC	GUP	GVD	HAM	JF	KAN
<i>Conilurus penicillatus</i> (Gould, 1842)														
<i>Leggadina forresti</i> (Thomas, 1906)														
<i>Leggadina lakelandensis</i> Watts, 1976														
<i>Leporillus apicalis</i> (Gould, 1853)														
<i>Leporillus conditor</i> (Sturt, 1848)														
<i>Mastacomys fuscus</i> Thomas, 1882														
<i>Mesembriomys gouldi</i> (Gray, 1843)														
<i>Mesembriomys macrurus</i> (Peters, 1876)														
<i>Notomys alexis</i> Thomas, 1922														
<i>Notomys amplius</i> Brazeal, 1936														
<i>Notomys aquila</i> Thomas, 1921														
<i>Notomys cervinus</i> (Gould, 1853)														
<i>Notomys fuscus</i> (Jones, 1925)														
<i>Notomys longicaudatus</i> (Gould, 1844)														
<i>Notomys macrotis</i> Thomas, 1921														
<i>Notomys mitchelli</i> (Ogilby, 1838)														
<i>Notomys mordax</i> Thomas, 1922														
<i>Notomys robustus</i> Mahoney, Smith & Medlin, 2008														
<i>Pseudomys albocinctus</i> (Gould, 1845)														
<i>Pseudomys apodemoides</i> Finlayson, 1932														
<i>Pseudomys auritus</i> Thomas, 1910														
<i>Pseudomys australis</i> Gray, 1832														
<i>Pseudomys bolami</i> Troughton, 1932														
<i>Pseudomys calabyi</i> Kitchener & Humphreys, 1987														
<i>Pseudomys chapmani</i> Kitchener, 1980														
<i>Pseudomys delicatulus</i> (Gould, 1842)														
<i>Pseudomys deserti</i> Troughton, 1932														
<i>Pseudomys fieldi</i> (Waite, 1896)														
<i>Pseudomys fuscus</i> Brazeal, 1936														
<i>Pseudomys glaucus</i> Thomas, 1910														
<i>Pseudomys gouldi</i> (Waterhouse, 1839)														
<i>Pseudomys gracilicaudatus</i> (Gould, 1845)														
<i>Pseudomys harrismburghensis</i> (Waite, 1896)														
<i>Pseudomys higginsii</i> (Touessart, 1897)														
<i>Pseudomys johnsoni</i> Kitchener, 1985														
<i>Pseudomys laborifer</i> Kitchener & Humphreys, 1986														
<i>Pseudomys nanus</i> (Gould, 1858)														
<i>Pseudomys novaehollandiae</i> (Waterhouse, 1843)														
<i>Pseudomys occidentalis</i> Tate, 1951														
<i>Pseudomys orals</i> (Thomas and Dollman, 1909)														
<i>Pseudomys parvus</i> (Thomas, 1921)														
<i>Pseudomys pilligaensis</i> Fox & Briscoe, 1980														
<i>Pseudomys shortridgei</i> (Thomas, 1907)														
<i>Pseudomys sp.</i> (undescribed pebble-mound mouse, Old)														
<i>Zyzomys argurus</i> (Thomas, 1889)														
<i>Zyzomys mairi</i> Kitchener, 1989														
<i>Zyzomys palatialis</i> Kitchener, 1989														
<i>Zyzomys pedunculatus</i> (Waite, 1896)														
<i>Zyzomys woodwardi</i> (Thomas, 1909)														
<i>Hydromys chrysogaster</i> Geoffroy, 1804														
<i>Xeromys myoides</i> Thomas, 1889														
<i>Melomys burtoni</i> (Ramsay, 1887)														
<i>Melomys capensis</i> Tate, 1951														
<i>Melomys cervinus</i> (Gould, 1852)														
<i>Uromys caudimaculatus</i> (Krefft, 1867)														
<i>Uromys hadronurus</i> (Winter, 1984)														
<i>Pogonomys mullipilus</i> Peters & Doria, 1881														
<i>Rattus colletti</i> (Thomas, 1904)														
<i>Rattus fuscipes</i> (Waterhouse, 1839)														
<i>Rattus leucopus</i> (Gray, 1867)														

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Appendix 1. (continued)

Terrestrial mammal species	IBRA region																												
	FLB	FLI	GAS	GAW	GD	GFU	GS	GSD	GUC	GUP	GVD	HAM	JF	SD	P	MAC	MAL	MDD	MGM	ML	MUR	NAN	NCP	NET	NK	NNC			
<i>Rattus laureolus</i> (Gray, 1841)																									P	D	P		
<i>Rattus sordidus</i> (Gould, 1858)																													
<i>Rattus tunneyi</i> (Thomas, 1904)																													
<i>Rattus villosissimus</i> (Watte, 1898)																													
<i>Rattus</i> sp. (central Qld)																													
No. of indigenous species	68	41	48	48	50	52	44	62	50	41	50	36	38	38	29	55	46	46	60	41	44	41	47	64	67	69	57	78	
No. of 'P'	14	36	30	14	26	45	22	35	38	38	29	13	28	10	26	31	30	23	22	33	43	29	25	31	14	46	57	62	
No. of 'D'	16	3	3	14	1	3	1	4	8	3	1	0	5	8	2	1	3	3	11	5	1	10	2	19	23	22	0	13	
No. of 'SD'	8	1	1	4	0	2	2	2	1	0	0	0	1	8	0	1	1	2	11	1	0	0	0	7	8	0	0	1	
No. of 'EX'	30	1	14	16	23	2	19	21	3	0	20	23	4	12	1	22	12	18	16	2	0	2	20	7	22	1	0	2	
No. of 'EX', 'SD' and 'D'	54	5	18	34	24	7	22	27	12	3	21	23	10	28	3	24	16	23	38	8	1	12	22	33	53	23	0	16	
* <i>Mus domesticus</i> Hinton, 1916	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
* <i>Rattus exulans</i> (Peale, 1848)																													
* <i>Rattus norvegicus</i> (Berkenhout, 1769)	P	P																											
* <i>Rattus rattus</i> (Linnaeus, 1758)	P	P																											
* <i>Funambulus pennanti</i> Wroughton, 1905																													
* <i>Canis lupus dingo</i> (Meyer, 1793)	SD	P	P	D	P	P	SD	P	P	P	P	P	SD																
* <i>Vulpes vulpes</i> Linnaeus, 1758	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
* <i>Felis canis</i> Linnaeus, 1758	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
* <i>Mustela putorius furo</i> Linnaeus, 1758	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
* <i>Oryctolagus cuniculus</i> (Linnaeus, 1758)	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
* <i>Lepus capensis</i> Linnaeus, 1758	P																												
* <i>Equus caballus</i> Linnaeus, 1758			P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
* <i>Equus asinus</i> Linnaeus, 1758	P		P																										
* <i>Sus scrofa</i> Linnaeus, 1758																													
* <i>Camelus dromedarius</i> Linnaeus, 1758																													
* <i>Bubalis bubalis</i> (Linnaeus, 1758)																													
* <i>Bos javanicus</i> D'Alton, 1823																													
* <i>Bos taurus</i> Linnaeus, 1758																													
* <i>Capra hircus</i> Linnaeus, 1758																													
* <i>Ovis aries</i> Linnaeus, 1758																													
* <i>Dama dama</i> (Linnaeus, 1758)																													
* <i>Cervus elaphus</i> Linnaeus, 1758																													
* <i>Cervus timorensis</i> de Blainville, 1822																													
* <i>Cervus unicorn</i> Kerr, 1792																													
* <i>Axis axis</i> (Erxleben, 1777)																													
* <i>Axis porcinus</i> (Zimmermann, 1780)																													
No. of exotic species	11	11	11	8	6	9	10	8	8	7	8	7	8	11	9	8	9	12	7	9	13	9	11	10	15	9	13	7	16

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Appendix 1. (continued)

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Appendix 1. (continued)

Terrestrial mammal species	NBS											IBRA region																	
	NSS	NUL	OV	P	P	CK	PIL	RIV	SB	SCP	SEH	SEQ	SSD	STP	STU	SWA	TAN	TCH	TIW	TNS	TSE	TSR	TWE	VB	VM	VVP	WAR	WT	VAL
<i>Hipposideros ater</i> Templeton, 1848 Dusky leaf-nosed bat																P									P				P
<i>Hipposideros cervinus</i> (Gould, 1854) Fawn leaf-nosed bat																													P
<i>Hipposideros diadema</i> (Geoffroy, 1813) Diadem leaf-nosed bat																													P
<i>Hipposideros semoni</i> Matschie, 1903 Semon's leaf-nosed bat																													
<i>Hipposideros stenotis</i> Thomas, 1913 Northern leaf-nosed bat																													
<i>Rhinonicteris aurantius</i> Gray, 1845 Orange leaf-nosed bat																													
<i>Taphozous australis</i> Gould, 1854 Coastal sheathail bat																													
<i>Taphozous georgianus</i> Thomas, 1915 Common sheathail bat																													
<i>Taphozous hilli</i> Kitchener, 1980 Hill's sheathail bat																													
<i>Taphozous kapalgensis</i> McKean & Friend, 1979 Arnhem sheathail bat																													
<i>Taphozous troughtoni</i> Tate, 1952 Troughton's sheathail bat																													
<i>Saccolaimus flaviventris</i> (Peters, 1867) Yellow-bellied sheathail bat																													
<i>Saccolaimus mixtus</i> Troughton, 1925 Papuan sheathail bat																													
<i>Saccolaimus saccolaimus</i> (Temminck, 1838) Bare-rumped sheathail bat																													
<i>Tadarida australis</i> (Gray, 1838) White-striped freetail bat																													
<i>Chaerophon jobensis</i> (Miller, 1902) Northern freetail bat																													
<i>Mormopterus beccarii</i> Peters, 1881 Beccari's freetail bat																													
<i>Mormopterus lorata</i> Thomas, 1897 Little northern freetail bat																													
<i>Mormopterus nofolkensis</i> (Gray, 1839) East coast freetail bat																													
<i>Mormopterus</i> sp. 4 Pops P, Q, R Southeastern freetail bat																													
<i>Mormopterus</i> sp. 3 Inland freetail bat																													
<i>Mormopterus</i> sp. 4 Pop O Southwestern freetail bat																													
<i>Mormopterus</i> sp. 2 Eastern freetail bat																													
<i>Mormopterus</i> sp. 6 Hairy rostrum freetail bat																													
<i>Kerivoula papuensis</i> Dobson, 1878 Golden-tipped bat																													
<i>Miniopterus australis</i> (Tomes, 1858) Little bent-wing bat																													
<i>Miniopterus schreibersii</i> (Kühl, 1817) Common bent-wing bat																													
<i>Murina florium</i> Thomas, 1908 Tube-nosed insectivorous bat																													
<i>Nyctophilus arnhemensis</i> Johnson, 1959 Arnhem long-eared bat																													
<i>Nyctophilus bifax</i> Thomas, 1915 Northern long-eared bat																													
<i>Nyctophilus geoffroyi</i> Leach, 1821 Lesser long-eared bat																													
<i>Nyctophilus gouldi</i> Tomes, 1858 Gould's long-eared bat																													
<i>Nyctophilus timorensis</i> (Geoffroy, 1806) Greater long-eared bat																													
<i>Nyctophilus walkeri</i> Thomas, 1892 Pygmy long-eared bat																													
<i>Chalinolobus dyeri</i> Ryan, 1966 Large-eared pied bat																	</												

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Appendix 2. Adjusted R^2 values from partitioning of the variation in mammal faunas across IBRA regions using four subsets of explanatory variables

The environmental variables related to temperature and precipitation (Env.), trend surface analysis using a third-order polynomial of the spatial position of each bioregion with respect to latitude and longitude (Spatial), the area of each bioregion (Area); and the richness of species in each bioregion (No.Spp). Also shown are F ratios and P values after 999 permutations for testable model fractions (i.e. unique contributions). Letters denoting partitions in the first column correspond to those identified in Fig. 3. The symbol '|' denotes 'after removing the effect of'. Individual partitions identified on Fig. 3 as contributing >1% of the variation are shown in bold font. +, $P < 0.10$; **, $P < 0.01$; NS, not significant

Regions on Fig. 3	Partitions	d.f.	Adjusted R^2	Testable (True/False)	F
[aeghklno]	Env.	8, 76	0.489	T	11.027**
[befiklmo]	Spatial	9, 75	0.575	T	13.633**
[cfgjlmno]	Area	1, 83	0.099	T	10.194**
[dhijkmno]	No.Spp.	1, 83	0.050	T	5.384**
[abefghiklmno]	Env. + Spatial	17, 67	0.620	T	9.069**
[acefghiklmno]	Env. + Area	9, 75	0.492	T	10.041**
[adehghiklmno]	Env. + No.Spp.	9, 75	0.506	T	10.543**
[bcefgijklmno]	Spatial + Area	10, 74	0.578	T	12.516**
[bdefhijklmno]	Spatial + No.Spp.	10, 74	0.583	T	12.735**
[cdfghijklmno]	Area + No.Spp.	2, 82	0.160	T	8.996**
[abcefgghijklmno]	Env. + Spatial + Area	18, 66	0.622	T	8.670**
[abdefghijklmno]	Env. + Spatial + No.Spp.	18, 66	0.629	T	8.895**
[acdefghijklmno]	Env. + Area + No.Spp.	10, 74	0.508	T	9.688**
[bcdefghijklmno]	Spatial + Area + No.Spp.	11, 73	0.590	T	11.975**
[abcdefghijklmno]	All	19, 65	0.631	T	8.5557**
[a]	Env. Spatial + Area + No.Spp.	8, 65	0.041	T	2.0177**
[b]	Spatial Env. + Area + No.Spp.	9, 65	0.123	T	3.728**
[c]	Area Env. + Spatial + No.Spp.	1, 65	0.002	T	1.4217 ^{NS}
[d]	No.Spp. Env. + Spatial + Area	1, 65	0.009	T	2.6345**
[e]		0	0.307	F	—
[f]		0	0.001	F	—
[g]		0	0.005	F	—
[h]		0	0.002	F	—
[i]		0	0.007	F	—
[j]		0	-0.001	F	—
[k]		0	0.043	F	—
[l]		0	0.103	F	—
[m]		0	0.002	F	—
[n]		0	-0.003	F	—
[o]		0	-0.010	F	—
Residuals		0	0.369	F	—
[ae]	Env. Area+No.Spp.	8, 74	0.349	T	8.266**
[ag]	Env. Spatial+No.Spp.	8, 66	0.046	T	2.138**
[ah]	Env. Spatial+Area	8, 66	0.044	T	2.064**
[be]	Spatial Area+No.Spp.	9, 73	0.430	T	10.543**
[bf]	Spatial Env.+No.Spp.	9, 66	0.123	T	3.758**
[bi]	Spatial Env.+Area	9, 66	0.130	T	3.857**
[cf]	Area Env.+No.Spp.	1, 74	0.003	T	1.437 ^{NS}
[cg]	Area Spatial+No.Spp.	1, 73	0.007	T	2.241**
[cj]	Area Env.+Spatial	1, 66	0.002	T	1.268 ^{NS}
[dh]	No.Spp. Spatial+Area	1, 73	0.012	T	3.067**
[di]	No.Spp. Env.+Area	1, 74	0.016	T	3.497**
[dj]	No.Spp. Env.+Spatial	1, 66	0.008	T	2.496**
[aghn]	Env. Spatial	8, 67	0.045	T	2.113**
[aehk]	Env. Area	8, 75	0.393	T	9.035**
[aegl]	Env. No.Spp.	8, 75	0.456	T	10.567**
[bfim]	Spatial Env.	9, 67	0.132	T	3.929**
[beik]	Spatial Area	9, 74	0.480	T	11.486**
[befl]	Spatial No.Spp.	9, 74	0.533	T	12.787**
[cfjm]	Area Env.	1, 75	0.004	T	1.534 ⁺
[cgjn]	Area Spatial	1, 74	0.003	T	1.554 ⁺
[cfgl]	Area No.Spp.	1, 82	0.110	T	11.901**
[dijm]	No.Spp. Env.	1, 75	0.017	T	3.624**
[dhjn]	No.Spp. Spatial	1, 74	0.008	T	2.385**
[dhik]	No.Spp. Area	1, 82	0.061	T	7.055**