

Checklist of the Fossil Mammal Species of Australia and New Guinea

Last updated: 31st January 2024

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How to Cite: Kenny J. Travouillon, Stephen Jackson, Robin M.D. Beck, Julien Louys, Jonathan Cramb, Anna Gillespie, Karen Black, Suzanne Hand, Michael Archer, Benjamin Kear, Scott Hocknull, Matthew Phillips, Matthew McDowell, Erich M. G. Fitzgerald, Phillipa Brewer and Gilbert J. Price (2024).

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<https://www.australasianpalaeontologists.org/databases>

Class Mammalia sensu Sereno 2006

Subclass incertae sedis

Family Ausktribosphenidae Rich et al., 1997

Ausktribosphenos nyktos Rich et al., 1997

Kryoparvus gerriti Rich et al., 2020

Family Bishopidae Flannery et al. 2022

Bishops whitmorei Rich et al., 2001

Subclass Prototheria Gill, 1872 sensu Sereno, 2006

Order Monotremata Bonaparte, 1832 sensu Bonaparte, 1838

Family Ornithorhynchidae Gray, 1825: 343 sensu Burnett, 1830

Obdurodon dicksoni Archer et al., 1992

Obdurodon insignis Woodburne & Tedford, 1975

Obdurodon tharalkooschild Pian et al., 2013

Ornithorhynchus anatinus Shaw, 1799 (extant)

- *Ornithorhynchus agilis* de Vis, 1885

Family Steropodontidae Flannery et al., 1995

Steropodon galmani Archer et al., 1985

Family Tachyglossidae Gill, 1872

Megalibgwilia owenii Krefft, 1868

- *Echidna owenii* Krefft, 1868
- *Echidna ramsayi* Owen, 1884
- *Echidna gigantea* Roger, 1887
- *Zaglossus harrissoni* Scott & Lord, 1922

Megalibgwilia robusta (Dun, 1896)

- *Echidna (Proechidna) robusta* Dun, 1896
- *Ornithorhynchus maximus* Dun, 1896

Murrayglossus hacketti (Glauert, 1914) Flannery et al. 2022

- *Zaglossus hacketti* Glauert, 1914

Family Tachyglossidae nomen nudum

Echidna amplor Weber, 1904

Family Teinolophidae Flannery et al., 2022

Teinolophos trusleri Rich et al., 1999

Family ?Teinolophidae Flannery et al., 2022

Stirtodon elizabethae Rich et al., 2020

Order ?Monotremata Bonaparte, 1832 sensu Bonaparte, 1838

Family Kollikodontidae Flannery et al., 1995

Kollikodon ritchiei Flannery et al., 1995

Sundrius zieglerei Rich et al., 2020

Family incertae sedis

Kryoryctes cadburyi Pridmore et al., 2005

Subclass Theriiformes Rowe, 1988

Infraclass Allotheria March, 1880

Order Multituberculata Cope, 1883

Family Corriebaataridae Rich et al., 2009

Corriebaatar marywaltersae Rich et al., 2009

Subclass Theria

Clade Metatheria Huxley 1881 sensu Sereno 2006

Clade Marsupialiformes incertae sedis

Archaeonothos henkgodthelpi Beck, 2015

Subfamily Chulpasiinae Sigé et al., 2009

Chulpasia jimthorselli Sigé et al. 2009

Thylacotinga bartholomaii Archer et al., 1993

Family Numbigilgidae Beck et al., 2008

Numbigilga ernielundeliusi Beck et al., 2008

Infraclass Marsupialia Illiger, 1811 sensu Beck et al., 2014

Marsupialia incertae sedis

Archizonurus securus de Vis, 1889

Order Yalkaparidontia Archer et al., 1988

Family Yalkaparidontidae Archer et al., 1988

Yalkaparidon coheni Archer et al., 1988

Yalkaparidon jonesi Archer et al., 1988

Family Yingabalanaridae Archer et al., 1990

Yingabalanara richardsoni Archer et al., 1990

Clade Australidephia

Family incertae sedis

Ankotarinja tirarensis Archer, 1976

Djarthia murgonensis Godthelp et al., 1999

Keeuna woodburnei Archer, 1976

Clade Agreodontia Beck et al., 2014

Order Dasyuromorphia Gill, 1872 sensu Aplin & Archer, 1987

Superfamily Dasyuroidea Goldfuss, 1820 sensu Kealy & Beck, 2017

Family Dasyuridae Goldfuss, 1820 sensu Kealy & Beck, 2017

Subfamily Dasyurinae Goldfuss, 1820 sensu Kealy & Beck, 2017

Archerium chinchillaensis Wroe & Mackness, 2000

Dasyuroides achilpatna Archer, 1982

Dasyuroides worboysi Dawson et al., 1999

Dasyurus dunmalli Bartholomai, 1971

Dasyurus maculatus (Kerr, 1792) (extant)

- *Dasyurus affinis* McCoy, 1865
- *Dasyurus bowlingi* Spencer & Kershaw, 1910

Dasyurus mordax Owen, 1877

Ganbulanyi djadjinguli Wroe, 1998

Glaucodon ballaratensis Stirton, 1957

Sarcophilus harrisii dixonae Werdelin, 1987

Sarcophilus lanarius (Owen, 1838)

- *Dasyurus lanarius* Owen, 1838

Sarcophilus moornaensis Crabb, 1982

Whollydooleya tomnpatrichorum Archer et al., 2016

Subfamily Phascogalinae Gill, 1872 sensu Kealy & Beck, 2017

Antechinus puteus Van Dyck, 1982

Antechinus yammal Cramb & Hocknull, 2010

Antechinus yuna Cramb & Hocknull, 2010

Subfamily Sminthopsinae Archer, 1982 sensu Kealy & Beck, 2017

Sminthopsis floravillensis Archer, 1982

Family cf. Dasyuridae Goldfuss, 1820 sensu Kealy & Beck, 2017

Urrayira whitei Cramb et al., 2023

Family Malleodectidae Archer et al., 2016

Malleodectes mirabilis Arena et al., 2011

Malleodectes moenia Arena et al., 2011

Malleodectes wentworthi Churchill et al., 2023

Family Thylacinidae Bonaparte, 1832

Badjcinus turnbulli Muirhead & Wroe, 1998 (Rovinsky et al., 2019; Churchill et al., 2023)

Maximucinus muirheadae Wroe, 2001

Muribacinus gadiyuli Wroe, 1996

Ngamalacinus timmulvaneyi Muirhead, 1997

Nimbacinus dicksoni Muirhead & Archer, 1990

- *Nimbacinus richi* Murray & Megirian, 2000 (Rovinsky et al., 2019)

Thylacinus cynocephalus (Harris, 1808) (recently extinct)

- *Didelphis cynocephala* Harris, 1808
- *Thylacinus spelaeus* Owen, 1845
- *Thylacinus major* Owen, 1877
- *Thylacinus rostralis* de Vis, 1893

Thylacinus macknessi Muirhead, 1992

Thylacinus megiriani Murray, 1997

Thylacinus potens Woodburne, 1967

Thylacinus yorkellus Yates, 2015

Tyarrpecinus rothi Murray & Megirian, 2000

Wabulacinus ridei Muirhead, 1997

Dasyuromorphia incertae sedis

Subfamily Barinyainae Wroe, 1999

Barinya kutjamarpensis Binfield et al., 2017

Barinya wangala Wroe, 1999

Family incertae sedis

Apoktesis cuspis Campbell, 1976

Dasylurinja kokuminola Archer, 1982

Joculusium muizoni Wroe, 2001

Mayigriphus orbus Wroe, 1997

Mutpuracinus archibaldi Murray & Megirian, 2000

Wakamatha tasselli Archer & Rich, 1979

Order Notoryctemorphia Kirsch, 1977 sensu Aplin & Archer, 1987

Family Notoryctidae Ogilby, 1892

Naraboryctes philcreaseri Archer et al., 2011.

Order Peramelemorphia Ameghino, 1889 sensu Aplin & Archer, 1987

Superfamily Perameloidea Gray, 1825 sensu Van Dyck & Strahan, 2008

Family Chaeropodidae Gill, 1872 sensu Groves, 2005

Chaeropus baynesi Travouillon, 2016

Family Peroryctidae Groves & Flannery, 1990

Peroryctes aruensis (Kear et al., 2016)

- *Lemdubuoryctes aruensis* Kear et al., 2016

Family Peramelidae Gray, 1825 sensu Van Dyck & Strahan, 2008

Crash bandicoot Travouillon et al., 2014

Isoodon macrourus (Gould, 1842) (extant)

- *Perameles wombeyensis* Broom, 1896

Perameles allinghamensis Archer & Wade, 1976

Perameles bowensis Muirhead et al., 1997

Perameles nasuta Geoffroy, 1804 (extant)

- *Perameles tenuirostris* Owen, 1877

Perameles fasciata Gray, 1841 (recently extinct) Travouillon, 2023

- *Perameles sobbei* Price, 2002

Perameles wilkinsonorum Travouillon et al., 2017

Family Thylacomyidae Bensley, 1903 sensu Archer & Kirsch, 1977

Ischnodon australis Stirton, 1955

Liyamayi dayi Travouillon et al., 2014

Bulbadon warbutonae Travouillon et al., 2021

Perameloidea incertae sedis

Galadi adversus Travouillon et al., 2013

Galadi amplus Travouillon et al., 2013

Galadi grandis Travouillon et al., 2013

Galadi speciosus Travouillon et al., 2010

Kutjamarcoot brevirostrum Chamberlain et al., 2015

Madju encorensis Travouillon et al., 2015

Madju varia Travouillon et al., 2015

Silvicultor karae Travouillon et al., 2017

Silvicultor hamiltonensis Travouillon et al., 2017

Silvicultor tedfordi (Turnbull et al., 2003) Travouillon et al., 2017

- *Peroryctes tedfordi* Turnbull et al., 2003)

Superfamily Yaraloidea Muirhead, 2000

Family Yaralidae Muirhead, 2000

Yarala burchfieldi Muirhead & Filan, 1995

Yarala kida Schwartz, 2006

Family incertae sedis

Bulungu campbelli Travouillon et al., 2013

Bulungu minkinaensis Travouillon et al., 2021

Bulungu muirheadae Travouillon et al., 2013

Bulungu palara Gurovich et al., 2013

Bulungu pinpaensis Travouillon et al., 2021

Bulungu westermani Travouillon et al., 2021

Order Diprotodontia Owen, 1877

Suborder Vombatiformes Woodburne, 1984

Infraorder Phascolarctomorpha Aplin & Archer, 1987

Family Phascolarctidae Owen, 1839

Invictokoala monticola Price & Hocknull, 2011

Litokoala dicksmithi Black et al., 2014

Litokoala garyjohnstoni Louys et al., 2007

Litokoala kutjamarpensisi Stirton et al., 1967

- *Litokoala kanunkaensis* Springer, 1987
- *Litokoala dicktedfordi* Pledge, 2010

Madakoala devisi Woodburne et al., 1987

Madakoala wellsi Woodburne et al., 1987
Nimiokoala greystanesi Black & Archer, 1997
Perikoala palankarinnica Stirton, 1957
Perikoala robustus Woodburne et al., 1987
Phascolarctos stirtoni Bartholomai, 1968

- *Phascolarctos maris* Pledge, 1987

Phascolarctos yorkensis (Pledge, 1992)

- *Cundokoala yorkensis* Pledge, 1992

Priscakoala lucyturnbullae Black et al., 2012
Stelakoala riversleighensis Black, 2016

Family ?Phascolarctidae Owen, 1839

Lumakoala blackae Crichton et al., 2023

Family Phascolarctidae nomen dubium

Litokoala thurmerae Pledge, 2010

Infraorder Vombatomorpha Aplin & Archer, 1987

Superfamily Diprotodontoidea Gill, 1872 sensu Archer & Bartholomai, 1978

Family Diprotodontidae Gill, 1872

Subfamily Diprotodontinae Gill, 1872 sensu Black & Mackness, 1999

Diprotodon optatum Owen, 1838

- *Dinotherium australe* Owen, 1843
- *Diprotodon australis* Owen, 1844
- *Diprotodon annextans* McCoy, 1861
- *Diprotodon minor* Huxley, 1862
- *Diprotodon longiceps* McCoy, 1865
- *Diprotodon bennettii* Krefft, 1873
- *Diprotodon loderi* Krefft, 1873

- *Diprotodon bennettii* Owen, 1877
- *Diarcodon parvus* Stephenson, 1963

Euowenia grata (de Vis, 1887)

- *Owenia grata* de Vis, 1887

Euryzygoma dunense (de Vis, 1888)

- *Nototherium dunense* de Vis, 1888

Meniscolophus mawsoni Stirton, 1955

Ngapakaldia bonythoni Stirton, 1967

- *Bematherium angulum* Tedford, 1967

Ngapakaldia tedfordi Stirton, 1967

Nototherium mitchelli Owen, 1845

- *Nototherium inerme* Owen, 1845

Nototherium watutense Anderson, 1937 sensu Mackness, 2012

- *Kolopsis watutense* Flannery, 1994
- *Zygomaturus nimborensia* Hardjasasmita, 1985

Pitikantia dailyi Stirton, 1967

Pyramios alcootense Woodburne, 1967

Subfamily Zygomaturinae Stirton et al., 1967

Alkwertatherium webbi Murray, 1990

Ambulator keanei (Stirton, 1967) van Zoelen et al., 2023

- *Zygomaturus keanei* Stirton, 1967

Hulitherium tomasetti Flannery & Plane, 1986

Kolopsis rotundus Plane, 1967

Kolopsis torus Woodburne, 1967

Kolopsis yperus Murray, Megirian & Wells, 1993

Kolopsoides cultridens Plane, 1967

Kukaodonta robusta (de Vis, 1891)

- *Euowenia robusta* de Vis, 1891

Maokopia ronaldi Flannery, 1992

Neohelos davidridei Black et al., 2013

Neohelos solus Black et al., 2013

Neohelos stirtoni Murray et al., 2000

Neohelos tirarensis Stirton, 1967

- *Nimbadon scottorum* Hand et al., 1993

Nimbadon lavarackorum Hand et al., 1993

- *Nimbadon whitelawi* Hand et al., 1993

Plaisiodon centralis Woodburne, 1967

Raemeotherium yatkolai Rich et al., 1978

Silvabestius johnnilandi Black & Archer, 1997

Silvabestius michaelbirti Black & Archer, 1997

Zygomaturus gilli Stirton, 1967

Zygomaturus trilobus Macleay, 1858

- *Nototherium mitchelli* Owen, 1845
- *Nototherium tasmanicum* Scott, 1911
- *Nototherium tasmaniense* Noetling, 1912
- *Nototherium victoriae* Owen, 1872
- *Zygomaturus macleayi* Krefft, 1921
- *Zygomaturus creedii* Krefft, 1873

Family Diprotodontidae incertae sedis

Sthenomerus charon de Vis, 1883

Family Palorchestidae Tate, 1948 sensu Archer & Bartholomai, 1978

Palorchestes anulus Black, 1997

Palorchestes azael Owen, 1873

- *Palorchestes crassus* Owen, 1880

- *Palorchestes rephaim* Ramsay, 1885
- Palorchestes painei* Woodburne, 1967
- Palorchestes parvus* de Vis, 1895
- Palorchestes pickeringi* Piper, 2006
- Palorchestes selestiae* Mackness, 1995
- Propalorchestes novaculacephalus* Murray, 1986
- Propalorchestes ponticulus* Murray, 1990

Superfamily Vombatoidea Kirsch, 1968 sensu Beck et al., 2020

Family Mukupirnidae Beck et al., 2020

- Mukupirna fortidentata* Crichton et al., 2023
- Mukupirna nambensis* Beck et al., 2020

Family Vombatidae Burnett, 1830

Lasiorhinus angustidens (de Vis, 1891)

- *Phascolomys angustidens* de Vis, 1891

Lasiorhinus krefftii (Owen, 1872) (extant)

- *Phascolomys krefftii* Owen, 1872
- *Phascolomys gillespiei* de Vis, 1900
- *Lasiorhinus latifrons barnardi* Longman, 1939
- *Lasiorhinus kershawi* Scott & Richardson, in Scott, 1988: iii, 38.

Lasiorhinus latifrons (Owen, 1845) (extant)

- *Lasiorhinus mungoensis* Scott & Richardson, in Scott, 1988: iii, 55

Nimbavombatus boodjamullensis Brewer et al., 2015

Phascolonus gigas (Owen, 1858)

- *Phascolomys gigas* Owen, 1858
- *Sceparnodon ramsayi* Owen, 1883

Ramsayia lemleyi (Archer, 1976)

- *Phascolonus lemleyi* Archer, 1976

Ramsayia magna (Owen, 1872)

- *Phascolomys magnus* Owen, 1872
- *Phascolonus curvirostris* Owen, 1885

Rhizophascolonus crowcrofti Stirton, Tedford & Woodburne, 1967

Rhizophascolonus ngangaba Brewer et al., 2018

Sedophascolomys medius (Owen, 1872)

- *Phascolomys medius* Owen, 1872

Vombatus hacketti (Glauert, 1910)

- *Phascolomys hacketti* Glauert, 1910

Vombatus mitchellii (Owen, 1838)

- *Phascolomys mitchellii* Owen, 1838

Vombatus ursinus (Shaw, 1800) (extant)

- ?*Vombatus prior* (de Vis, 1883)
- *Sarcophilus prior* de Vis, 1883

Vombatus ursinus platyrhinus (Owen, 1853)

- *Phascolomys platyrhinus* Owen, 1853
- *Phascolomys pliocenus* McCoy, 1866
- *Phascolomys parvus* Owen, 1871
- *Phascolomys thomsoni* Owen, 1872

Warendja encorensis Brewer et al., 2007

Warendja wakefieldi Hope & Wilkinson, 1982

Family Vombatidae nomen dubium

Phascolomys magnus Murie, 1866 sensu Louys et al. (2022)

Infraorder Vombatomorpha incertae sedis

Family Ilariidae Tedford & Woodburne, 1987

Ilaria illumidens Tedford & Woodburne, 1987

Ilaria lawsoni Tedford & Woodburne, 1987

Kuterintja ngama Pledge, 1987

Family Maradidae Black, 2007

Marada arcanum Black, 2007

Family Wynyardiidae Osgood, 1921

Ayekaye jaredi Megirian et al., 2004

Muramura pinpensis Pledge, 2003

Muramura williamsi Pledge, 1987

Namilamadeta albivenator Pledge, 2005

Namilamadeta crassirostrum Pledge, 2005

Namilamadeta snideri Rich & Archer, 1979

Namilamadeta superior Pledge, 2005

Wynyardia bassiana Spencer, 1901

Suborder Vombatiformes incertae sedis

Family Thylacoleonidae Gill, 1872

Subfamily Thylacoleoninae Murray et al., 1987

Thylacoleo carnifex Owen, 1858

- *Mylodon australis* Krefft, 1870
- *Thylacoleo robustus* Krefft, 1872
- *Thylacoleo oweni* McCoy, 1876
- *Prochaerus celer* de Vis, 1886
- *Thylacopardus australis* Owen, 1888

Thylacoleo crassidentatus Bartholomai, 1962

Thylacoleo hilli Pledge, 1977

Subfamily Wakaleoninae Murray et al., 1987

Wakaleo alcootaensis Archer & Rich, 1982

Wakaleo oldfieldi Clemens & Plane, 1974

Wakaleo pitikantensis (Rauscher, 1987)

- *Priscileo pitikantensis* Rauscher, 1987

Wakaleo schouteni Gillespie et al., 2017

Wakaleo vanderleueri Clemens & Plane, 1974

Subfamily incertae sedis

Enigmaleo archeri Gillespie, 2023

Lekaneleo myersi Gillespie, 2023

Lekaneleo roskellyae (Gillespie, 1997) Gillespie et al., 2019

- *Priscileo roskellyae* Gillespie, 1997

Microleo attenboroughi Gillespie et al., 2016

Family incertae sedis

Koobor jimbarrati Archer, 1976

Koobor notabilis (de Vis, 1889)

- *Pseudochirus(?) notabilis* de Vis, 1889

Suborder Phalangerida Aplin & Archer, 1987

Superfamily Burramyoidea Broom, 1898 sensu Aplin & Archer, 1987

Family Burramyidae Broom, 1898

Burramys brutyi Brammall & Archer, 1997

Burramys triradiatus Turnbull et al., 1987

Burramys wakefieldi Pledge, 1987

Superfamily Petauroidea Bonaparte, 1832 sensu Aplin & Archer, 1987

Family Petauridae Bonaparte, 1832 sensu Kirsch et al., 1997

Subfamily Dactylopsilinae Kirsch, 1977 sensu Marshall, 1990

Gymnobelideus leadbeateri McCoy, 1867 (extant)

- *Palaeopetaurus elegans* Broom, 1896

Family Pseudocheiridae Winge, 1893 sensu Archer, 1984

Subfamily Hemibelideinae Kirsch et al., 1997

Petauroides ayamaruensis Aplin, 1999

Petauroides marshalli (Turnbull & Lundelius, 1970)

- *Pseudocheirus marshalli* Turnbull & Lundelius, 1970

Petauroides stirtoni (Turnbull & Lundelius, 1970)

- *Pseudocheirus stirtoni* Turnbull & Lundelius, 1970

Subfamily Pseudocheirinae Winge, 1893

Pseudocheirus peregrinus (Boddaert, 1785) (extant)

- *Pseudochirus antiquus* Broom, 1896

Pseudochirops winteri Mackness & Archer, 2001

Pseudocheiridae incertae sedis

Gawinga aranaea Roberts et al., 2007

Marlu ampelos Roberts et al., 2009

Marlu karya Roberts et al., 2009

Marlu kutjamarpensis Woodburne et al., 1987

Marlu praecursor Woodburne et al., 1987

Marlu syke Roberts et al., 2009

Paljara hushae Roberts et al., 2008

Paljara maxbourkei Bassarova et al., 2001

Paljara nancyhawardae Bassarova et al., 2001

Paljara tirarensae Woodburne et al., 1987

Pildra antiquus Woodburne et al., 1987

Pildra magnus Pledge, 1987

Pildra secundus Woodburne et al., 1987

Pildra tertius Woodburne et al., 1987

Pseudokoala cathysantamaria Archer et al., 1997

Pseudokoala curramulkensis (Pledge, 1992)

- *Corracheirus curramulkensis* Pledge, 1992

Pseudokoala erlita Turnbull & Lundelius, 1970

Family Pilkipildridae Archer et al., 1987

Djilgaringa gillespieae Archer et al., 1987

Djilgaringa thompsonae Archer et al., 1987

Pilkipildra handae Archer et al., 1987

Pilkipildra taylorae Archer et al., 1987

Family Acrobatidae Aplin, 1987

Acrobates magicus Fabian et al., 2023

Acrobates pettitorum Fabian et al., 2023

Distoechurus georginae Fabian et al., 2023

Distoechurus jeansorum Fabian et al., 2023

Petauroidea incertae sedis

Djaludjangi yadjana Brammall, 1998

Superfamily Phalangoidea Thomas, 1888 sensu Aplin & Archer, 1987

Family Phalangeridae Thomas, 1888

Archerus johnstoniae Myers & Crosby, 2023

Onirocuscus inversus Crosby, 2007

Onirocuscus notialis (Flannery et al., 1987) Crosby, 2007

- *Strigocuscus notialis* Flannery et al., 1987

Onirocuscus reidi (Flannery & Archer, 1987) Crosby, 2007

- *Strigocuscus reidi* Flannery & Archer, 1987

Onirocuscus rupina Crosby, 2007

Onirocuscus silvicultrix Crosby, 2007

Phalanger proscus de Vis, 1889

Trichosurus dicksoni Flannery & Archer, 1987

Trichosurus hamiltonensis Flannery et al., 1987

Wyulda asherjoeli Crosby, 2001

Phalangeridae nomina dubia

Phalangista planifrons Owen, 1877

Phalangista sicca Owen, 1877

Family Ektopodontidae Stirton et al., 1967

Chunia faciaintermedius Case, 2023

Chunia illuminata Woodburne & Clemens, 1986

Chunia minkinensis Case, 2023

Chunia pledgei Crichton et al., 2023

Darcus duggani Rich, 1986

Ektopodon litolophus Pledge et al., 1999

Ektopodon paucicristata Rich et al., 2006

Ektopodon serratus Stirton et al., 1967

Ektopodon stirtoni Pledge, 1986

Ektopodon tommosi Pledge, 2016

Ektopodon ulta Megirian et al., 2004

Ngathachunia omega (Woodburne & Clemens, 1986) Case, 2023

- *Chunia omega* Woodburne & Clemens, 1986

Family Miralinidae Woodburne et al., 1987

Subfamily Durudawirinae Crosby & Archer, 2000

Durudawiri anfractus Crosby & Archer, 2002

Durudawiri inusitatus Crosby & Archer, 2002

Subfamily Miralininae Woodburne et al., 1987 sensu Crosby & Archer, 2000

Barguru kayir Schwartz, 2006

Barguru kula Schwartz, 2006

Barguru maru Schwartz, 2006

Miralina doylei Woodburne et al., 1987

Miralina minor Woodburne et al., 1987

Miralina sarastamppi (Case et al., 2009) Crichton et al., 2023

- *Eocuscus sarastamppi* Case et al., 2009

Suborder Phalangerida incertae sedis

Family Miminipossumidae Archer et al., 2018

Miminipossum notioplanetes Archer et al., 2018

Suborder Macropodiformes Kirsch et al., 1997

Superfamily Macropodoidea Gray, 1821 sensu Archer & Bartholomai, 1987

Family Hypsiprymnodontidae Collett, 1887 sensu Ride, 1993

Subfamily Hypsiprymnodontinae Collett, 1887 sensu Ride, 1993

Hypsiprymnodon bartholomaii Flannery & Archer, 1987

Hypsiprymnodon dennisi Bates et al., 2014

Hypsiprymnodon karenblackae Bates et al., 2014

Hypsiprymnodon philcreaseri Bates et al., 2014

Family Balbaridae Cooke & Kear, 1999 sensu Kear & Cooke, 2001

Subfamily Balbarinae Flannery et al., 1983 sensu Kear & Cooke, 2001

Balbaroo camfieldensis Flannery et al., 1983

- *Nambaroo bullockensis* Schwartz & Megirian, 2004

Balbaroo fangaroo Cooke, 2000

Balbaroo gregoriensis Flannery et al., 1983

Balbaroo nalima Black et al, 2014

Wururoo dayamayi Cooke, 1997

Subfamily Nambarinae Kear & Cooke, 2001

Ganawamaya acris Cooke, 1992

- *Ganawamaya ornata* Cooke, 1992

Ganawamaya aediculis Cooke, 1992

Ganawamaya couperi (Cooke, 1997)

- *Nambaroo couperi* Cooke, 1997

Ganawamaya gillespieae (Kear et al., 2007)

- *Nambaroo gillespieae* Kear et al., 2007

Nambaroo novus Flannery & Rich, 1986

Nambaroo saltavus Flannery & Rich, 1986

Nambaroo tarrinyeri Flannery & Rich, 1986

Subfamily Propleopinae Archer & Flannery, 1985

Ekaltadeta ima Archer & Flannery, 1985

Ekaltadeta jamiemulvaneyi Wroe, 1996

Jackmahoneya toxoniensis Ride, 1993

Propleopus chillagoensis Archer et al., 1978

Propleopus oscillans (de Vis, 1888)

- *Triclis oscillans* de Vis, 1888

Propleopus wellingtonensis Archer & Flannery, 1985

Subfamily insertae sedis

Galanarla tessellata Flannery et al., 1983

Clade Macropodia Westerman et al., 2022

Family Potoroidae Gray, 1821

Subfamily Potoroinae Gray, 1821

Potorous platyops (Gould, 1844) (extant)

- *Potorous morgani* Finlayson, 1938

Potorous tridactylus tridactylus (Kerr, 1792) (extant)

- *Potorous tridactylus var. antiquus* Broom, 1896

Potorous tridactylus trisulcatus (McCoy, 1865)

Subfamily Bettonginae Flannery & Archer, 1987 sensu Westerman et al., 2022

Bettongia cuniculoides McCoy, 1868

Bettongia moyesi Flannery & Archer, 1987

Borongaboodie hatcheri Prideaux, 1999

Milliyowi bunganditj Flannery et al., 1992

Family Potoroidae nomina dubia

Bettongia cuneata Owen, 1877

Hypsiprymnus spelaeus Waterhouse, 1846

Family Macropodidae Gray, 1821

Subfamily insertae sedis

Bulungamaya delicata Flannery et al., 1983

- *Nowidgee matrix* Cooke, 1997

Cookeroo bulwidarri Butler et al., 2016

Cookeroo hortusensis Butler et al., 2016

Ganguroo bilamina Cooke, 1997

Ganguroo bites Travouillon et al., 2014

Ganguroo robustiter Cooke et al., 2015

Gumardee keari Travouillon et al., 2022

Gumardee pascuali Flannery et al., 1983

Gumardee richi Travouillon et al., 2016

Gumardee springae Travouillon et al., 2016

Gumardee webbi Travouillon et al., 2022

Ngamaroo archeri Kear & Pledge, 2007

Purtia mosaicus Case, 1984

Wabularoo naughtoni Archer, 1979

Wabularoo prideauxi Travouillon et al., 2015

Wakiewakie lawsoni Woodburne, 1984

Subfamily Lagostrophinae Prideaux & Warburton, 2010

Tjukuru wellsii Prideaux & Tedford, 2012

Troposodon bluffensis Bartholomai, 1978

Troposodon bowensis Flannery & Archer, 1983

Troposodon gurar Flannery & Archer, 1983

Troposodon kenti Campbell, 1973

Troposodon minor (Owen, 1877)

- *Sthenurus minor* Owen, 1877
- *Halmaturus vinceus* de Vis, 1895

Subfamily Sthenurinae Glauert, 1926

Tribe indet.

Hadronomas puckridgi Woodburne, 1967

Rhizosthenurus flanneryi Kear, 2002

Wanburoo hilarus Cooke, 1999

Tribe Sthenurini Glauert, 1926

Metasthenurus newtonae (Prideaux, 2000)

- *Simosthenurus newtonae* Prideaux, 2000

Procoptodon browneorum (Merrilees, 1968)

- *Sthenurus brownei* Merrilees, 1968

Procoptodon gilli (Merrilees, 1965)

- *Sthenurus gilli* Merrilees, 1965

Procoptodon goliah (Owen, 1845)

- *Macropus goliah* Owen, 1845

Procoptodon mccoysi (Turnbull et al., 1992)

- *Simosthenurus mccoysi* Turnbull et al., 1992

Procoptodon oreas (de Vis, 1895)

- *Sthenurus oreas* de Vis, 1895

Procoptodon pusio (Owen, 1874)

- *Halmaturus thomsonii* Krefft, 1870
- *Halmatutherium thomsonii* Krefft, 1882
- *Pachysiagon otuel* Owen, 1874

Procoptodon rapha Owen, 1874

- *Halmaturus scottii* Krefft, 1870
- *Halmatutherium scottii* Krefft, 1882
- *Procoptodon texasensis* Archer, 1978

Procoptodon williamsi Prideaux, 2004

Sthenurus andersoni Marcus, 1962

Sthenurus atlas (Owen, 1838)

- *Macropus atlas* Owen, 1838

Sthenurus murrayi Prideaux, 2004

Sthenurus notabilis Bartholomai, 1963

Sthenurus stirlingi Wells & Tedford, 1995

Sthenurus tindalei Tedford, 1966

Tribe Simosthenurini Prideaux, 2004

Archaeosimos cegsai (Pledge, 1992)

- *Simosthenurus cegsai* Pledge, 1992

Archaeosimos correllii Prideaux, 2004

Simosthenurus antiquus (Bartholomai, 1963)

- *Sthenurus antiquus* Bartholomai, 1963

Simosthenurus baileyi (Prideaux & Wells, 1998)

- *Sthenurus baileyi* Prideaux & Wells, 1998

Simosthenurus brachyselenis (Prideaux & Wells, 1997)

- *Sthenurus brachyselenis* Prideaux & Wells, 1997

Simosthenurus eurykaphus (Prideaux & Wells, 1997)

- *Sthenurus (Simosthenurus) eurykaphus* Prideaux & Wells, 1997

Simosthenurus maddocki (Wells & Murray, 1979)

- *Simosthenurus maddocki nullarborensis* Prideaux, 1994

Simosthenurus occidentalis (Glauert, 1910)

- *Sthenurus occidentalis* Glauert, 1910
- *Sthenurus atlas hacketti* Le Souef, 1910
- *Sthenurus (Simosthenurus) orientalis* Tedford, 1966

Simosthenurus pales (de Vis, 1895)

- *Sthenurus pales* (de Vis, 1895)

Simosthenurus tirarensis Prideaux, 2004

Subfamily Macropodinae Gray, 1821

Tribe indet.

Brachalletes palmeri de Vis, 1883

Congruus congrus McNamara, 1994

Congruus kitcheneri (Flannery, 1989)

- *Wallabia kitcheneri* Flannery, 1989

Nombe nombe (Flannery et al. 1983) Kerr & Prideaux, 2023

- *Protemnodon nombe* Flannery et al., 1983

Prionotemnus palankarinnicus Stirton, 1955

Silvaroo buloloensis (Plane, 1967)

- *Protemnodon buloloensis* Plane, 1967

Watutia novaeguinae Flannery et al., 1989

Tribe Dorcopsini Prideaux & Warburton, 2010

Dorcopsis wintercookorum Flannery et al., 1992

Dorcopsoides fossilis Woodburne, 1967

Tribe Dendrolagini Flannery, 1989

Bohra bandharr (Dawson, 1999) Prideaux & Warburton, 2023

- *Protemnodon bandharr* Dawson, 1999
- *Silvaroo bandharr* Dawson, 2004

Bohra bila (Dawson, 2004) Prideaux & Warburton, 2023

- *Silvaroo bila* Dawson, 2004

Bohra illuminata Prideaux & Warburton, 2008

Bohra nullarbora Prideaux & Warburton, 2009

Bohra paulae Flannery & Szalay, 1982

Bohra planei Prideaux & Warburton, 2023

Bohra wilkinsonorum Dawson, 2004

Dendrolagus noibano Flannery et al., 1983

Tribe Macropodini Flannery, 1989

Baringa nelsonensis Flannery & Hann, 1984

Kurrabi mahoneyi Flannery & Archer, 1984

Kurrabi merriwaensis Flannery & Archer, 1984

Kurrabi pelchenorum Flannery et al., 1992

Macropus dryas (de Vis, 1895)

- *Halmaturus dryas* de Vis, 1895

Macropus ferragus Owen, 1874

- *Macropus (Leptosiagon) gracilis* Owen, 1874
- *Pachysiagon ferragus* Owen, 1874

Macropus mundjabus Flannery, 1980

Macropus narada Bartholomai, 1978

Macropus pan de Vis, 1895

Macropus pearsoni (Bartholomai, 1973)

- *Fissuridon pearsoni* Bartholomai, 1973

Macropus piltonensis Bartholomai, 1975

Macropus rama Bartholomai, 1975

Macropus titan Owen, 1838

- *Macropus magister* de Vis, 1895
- *Macropus faunus* de Vis, 1895

Notamacropus agilis agilis (Gould, 1842) (extant)

- *Osphranter stirtoni* Marcus, 1976

Notamacropus agilis siva (de Vis, 1895)

- *Halmaturus siva* de Vis, 1895

Notamacropus thor (de Vis, 1895)

- *Halmaturus thor* de Vis, 1895

Notamacropus wombeyensis Broom, 1896

Osphranter pavana Bartholomai, 1978

Osphranter robustus altus (Owen, 1874)

- *Phascolagus altus* Owen, 1874
- *Macropus (Macropus) birdsellii* Tedford, 1967a
- *Osphranter cooperi* Owen, 1874b

Osphranter woodsi Bartholomai, 1975

Protemnodon anak Owen, 1874

- *Protemnodon og* Owen, 1874

Protemnodon brehus (Owen, 1874)

- *Sthenurus brehus* Owen, 1874
- *Protemnodon mimas* Owen, 1874

Protemnodon chinchillaensis Bartholomai, 1973

Protemnodon devisi Bartholomai, 1973

Protemnodon hopei Flannery, 1992

Protemnodon otibandus Plane, 1967

Protemnodon roechus Owen, 1874

- *Protemnodon antaeus* Owen, 1877

Protemnodon snewini Bartholomai, 1978

Protemnodon tumbuna Flannery et al., 1983

Thylogale christenseni Hope, 1981

Thylogale ignis Flannery et al., 1992

Wallabia indra (de Vis, 1895)

- *Halmaturus indra* de Vis, 1895
- *Halmaturus vishnu* de Vis, 1895

Subfamily Macropodinae nomina dubia

Halmaturus odin de Vis, 1895

Macropus affinis Owen, 1845

Osphranter gouldi Owen, 1874

Pachygnathus Krefft, 1872

Synaptodon aevorum de Vis, 1888

Subfamily Macropodinae nomina nuda

Macropus rankeni Dawson, 1985

Macropus wellingtonensis Dawson, 1985

Family Macropodiformes nomen nudum

Kyeema mahoneyi Woodburne et al., 1994

Suborder Macropodiformes incertae sedis

Superfamily incertae sedis sensu den Boer & Kear, 2018

Palaeopotorous priscus Flannery & Rich, 1986

Order Diprotodontia incertae sedis

Koalemus ingens de Vis, 1889

Clade Eutheria Huxley, 1881

Infraclass Placentalia Owen, 1849

Cohort Afrotheria Stanhope et al., 1998

Superorder Paenungulata Simpson, 1945

Order Sirenia Illiger, 1811

Family Dugongidae Gray, 1821

Subfamily Dugonginae Gray, 1821

Dugong dugong (Müller, 1776) (extant)

- *Halicore brevirostris* de Vis, 1905

Cohort Euarchontoglires Murphy et al., 2001

Superorder Glires Linnaeus, 1758

Order Rodentia Bowdich, 1821

Suborder Myomorpha Brandt, 1855

Superfamily Muroidea Illiger, 1811

Family Muridae Illiger, 1811

Conilurus capricornensis Cramb & Hocknull, 2010

Leggadina gregoriensis Klinkhamer & Godthelp, 2015

Leggadina irvini Cramb et al., 2018

Leggadina macrodonta Klinkhamer & Godthelp, 2015

Leggadina webbi Cramb et al., 2018

Mastacomys fuscus mordicus Thomas, 1922

- *Mastacomys mordicus* Thomas, 1922
- *Mastacomys wombeyensis* Ride, 1956

Notomys magnus Vakil et al., 2023

Pseudomys australis Gray, 1832 (extant)

- *Paraleporillus stirtoni* Martinez & Lidicker, 1971

Pseudomys vandycki Godthelp, 1990

Uromys aplini Cramb et al., 2020

Zyzomys rackhami Godthelp, 1997

Cohort Laurasiatheria Waddell et al., 1999

Clade Scrotifera Waddell et al., 1999

Order Chiroptera Blumenbach, 1779

Family incertae sedis

Australonycteris clarkae Hand et al., 1994

Suborder Yinpterochiroptera Springer et al., 2001

Family Megadermatidae Allen, 1864

Macroderma godthelpi Hand, 1985

Macroderma handae Aplin & Armstrong, 2020

Macroderma koppa Hand et al., 1988

Macroderma malugara Hand, 1996

Megaderma richardsi Hand, 1995

Superfamily Rhinolophoidea Gray, 1825

Family Hipposideridae Lydekker, 1891

Hipposideros bernardsigei Hand, 1997

Hipposideros winsburyorum Hand & Godthelp, 1999

Riversleigha williamsi Hand, 1998

Family Rhinonycteridae Gray, 1866

Archerops annectens Hand & Kirsch, 2003

Brachhipposideros nooraleebus Sigé et al., 1982

Brachhipposideros watsoni Hand, 1997

Brevipalatus mcculloughi Hand & Archer, 2005

Miophyllorhina riversleighensis Hand, 1997

Rhinonictoris tedfordi Hand, 1997

Xenorhinos bhatnagari Hand et al., 2023

Xenorhinos halli Hand, 1998

Suborder Yangochiroptera Koopman, 1985

Family Molossidae Gill, 1872

Hydromops riversleighensis Hand et al., 1997

Petramops creaseri Hand, 1990

Family Mystacinidae Gray, 1843

Icarops aenae Hand et al., 1998

Icarops breviceps Hand et al., 1998

Icarops paradox Hand et al., 1998

Family Vespertilionidae Gray, 1821

Nyctophilus howensis McKean, 1975

Order Carnivora Bowdich, 1821

Family Otariidae Gray, 1825

Neophoca cinerea (Péron, 1816) (extant)

- *Arctocephalus williamsi* McCoy, 1877
- *A. Williamsi*, M'Coy Etheridge, 1878
- *Arctocephalus williamsi*, sp. nov. Allen, 1880
- *Arctocephalus Williamsi* M'Coy Johnston, 1888
- *Arctocephalus williamsi* McCoy True, 1909
- *Zalophus williamsi* McCoy Kellogg, 1922

Order Artiodactyla Owen, 1848 sensu Montgelard et al., 1997

Suborder Whippomorpha Waddell, Okada, Hasegawa, 1999

Infraorder Cetacea Brisson, 1762

Infraorder Cetacea incertae sedis

Cetotolites leggei McCoy, 1879 [Nomen Dubium]

Cetotolites pricei McCoy, 1879 [Nomen Dubium]

'*Ziphius*' (*Dolichodon*) *geelongensis* McCoy, 1882 [Nomen Dubium]

- *Ziphius (Dolichodon) Geelongensis*, McCoy Hall & Pritchard, 1895
- *Mesoplodon geelongensis*, McCoy sp. Chapman, 1917

Clade Pelagiceti Uhen, 2008

Clade Pelagiceti incertae sedis

Metasqualodon harwoodii (Sanger, 1881)

- *Zeuglodon harwoodi* Sanger, 1881

Family Kekenodontidae Mitchell, 1989

'*Squalodon*' *gambierensis* Glaessner, 1955

- *Squalodon gambierense* Glaessner, 1955
- *Squalodon gambierensis* Glaessner, 1972

Clade Neoceti Fordyce & Muizon, 2001

Infraorder Mysticeti Gray, 1864

Infraorder Mysticeti incertae sedis

Willungacetus aldingensis Pledge, 2005

Family Mammalodontidae Mitchell, 1989

Cetotolites nelsoni nelsoni McCoy, 1879 [Nomen Dubium]

Cetotolites nelsoni rugosa McCoy, 1879 [Nomen Dubium]

Janjucetus hunderi Fitzgerald, 2006

Mammalodon colliveri Pritchard, 1939

- *Mammalodon pritchardi* Pledge & Rothausen, 1977

Infraorder Odontoceti Flower, 1867

Infraorder Odontoceti incertae sedis

Parasqualodon wilkinsoni (McCoy, 1866)

- *Phocodon wilkinsoni* McCoy, 1866
- *Squalodon wilkinsoni* McCoy, 1867
- *Parasqualodon wilkinsoni* Hall, 1911

Prosqualodon davidis Flynn, 1923

- *Zeuglodon brevicuspidatus* Tate in Hall, 1911 (Nomen Nudum)
- *Prosqualodon davidi* Dart, 1923

Superfamily Physeteroidea Gray, 1821 sensu Bianucci & Landini, 2006

Superfamily Physeteroidea incertae sedis

Physetodon baileyi McCoy, 1879

Scaldicetus lodgei Chapman, 1917

Scaldicetus macgeei Chapman, 1912

Scaptodon lodderi Chapman, 1918

Superfamily Delphinoidea Gray, 1821 sensu Rice, 2009

Steno cudmorei Chapman, 1917

Clade Eutheria incertae sedis

Chronozoon austral de Vis, 1883

Tingamarra porterorum Godthelp et al., 1992