

# Checklist of the Fossil Mammal Species of Australia and New Guinea

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**Committee:** 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.

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## 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 ramsayi* Owen, 1884
- *Echidna gigantea* Roger, 1887

*Megalibgwilia robusta* (Dun, 1896)

- *Echidna (Proechidna) robusta* Dun, 1896
- *Ornithorhynchus maximus* Dun, 1896
- *Zaglossus harrissoni* Scott & Lord, 1922

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

**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 ziegleri* 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 Owen, 1839

**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 Malleodectidae** Archer et al., 2016

*Malleodectes mirabilis* Arena et al., 2011

*Malleodectes moenia* Arena et al., 2011

**Family Thylacinidae** Bonaparte, 1832

*Maximucinus muirheadae* Wroe, 2001

*Muribacinus gadiyuli* Wroe, 1996

*Ngamalacinus timmulvaneyi* Muirhead, 1997

*Nimbacinus dicksoni* Muirhead & Archer, 1990

*Nimbacinus richi* Murray & Megirian, 2000

*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

**Family ?Thylacinidae** Bonaparte, 1832

*Badjcinus turnbulli* Muirhead & Wroe, 1998

**Dasyuromorphia incertae sedis**

**Subfamily Barinyainae** Wroe, 1999

*Barinya kutjamarpenssis* 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 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 speciosus* Travouillon et al., 2010

*Galadi adversus* Travouillon et al., 2013

*Galadi amplus* Travouillon et al., 2013

*Galadi grandis* Travouillon et al., 2013

*Kutjamarcoot brevirostrum* Chamberlain et al., 2015

*Madju varia* Travouillon et al., 2015

*Madju encorensis* 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 muirheadae* Travouillon et al., 2013

*Bulungu palara* Gurovich et al., 2013

*Bulungu minkinaensis* Travouillon et al., 2021

*Bulungu westermani* Travouillon et al., 2021

*Bulungu pinpaensis* 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 kutjamarpensis* Stirton et al., 1967

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

*Madakoala wellsi* Woodburne et al., 1987

*Madakoala devisi* Woodburne et al., 1987

*Nimiokoala greystanesi* Black & Archer, 1997

*Perikoala palankarinnica* Stirton, 1957

*Perikoala robustus* Woodburne et al., 1987

*Phascolarctos cinereus* (Goldfuss, 1817) (extant)

- *Phascolarctos maris* Pledge, 1987

*Phascolarctos stirtoni* Bartholomai, 1968

*Phascolarctos yorkensis* (Pledge, 1992)

- *Cundokoala yorkensis* Pledge, 1992

*Priscakoala lucyturnbullae* Black et al., 2012

*Stelakoala riversleighensis* Black, 2016

**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

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

*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 keanei* 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 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
- *Prochaerus celer* de Vis, 1886
- *Thylacoleo oweni* McCoy, 1876
- *Thylacoleo robustus* Krefft, 1872
- *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 kutjampensis* 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

**Petauroidea incertae sedis**

*Djaludjangi yadjana* Brammall, 1998

**Superfamily Phalangoidea** Thomas, 1888 sensu Aplin & Archer, 1987

**Family Phalangeridae** Thomas, 1888

*Eocuscus sarastamppi* Case et al., 2009

*Oniroscuscus inversus* Crosby, 2007

*Oniroscuscus notialis* (Flannery et al., 1987) Crosby, 2007

- *Strigocuscus notialis* Flannery et al., 1987

*Oniroscuscus reidi* (Flannery & Archer, 1987) Crosby, 2007

- *Strigocuscus reidi* Flannery & Archer, 1987

*Oniroscuscus rupina* Crosby, 2007

*Oniroscuscus silvicultrix* Crosby, 2007

*Phalanger proscuscus* de Vis, 1889

*Trichosurus dicksoni* Flannery & Archer, 1987

*Trichosurus hamiltonensis* Flannery et al., 1987

*Wyulda asherjoeli* Crosby, 2001

**Phalangeridae nomina dubia**

*Phalangista sicca* Owen, 1877

*Phalangista planifrons* Owen, 1877

**Family Ektopodontidae** Stirton et al., 1967

*Chunia illuminata* Woodburne & Clemens, 1986

*Chunia omega* Woodburne & Clemens, 1986

*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

**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

**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

**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

**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

**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

*Wururoo dayamayi* Cooke, 1997

**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

*Wabularoo naughtoni* Archer, 1979

*Wabularoo prideauxi* Travouillon et al., 2015

### **Subfamily Lagostrophinae Prideaux & Warburton, 2010**

*Tjukuru wellsi* 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

*Prionotemnus palankarinnicus* Stirton, 1955

*Silvaroo bandharr* (Dawson, 1999)

- *Protemnodon bandharr* Dawson, 1999

*Silvaroo bila* Dawson, 2004

*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 illuminata* Prideaux & Warburton, 2008

*Bohra nullarbora* Prideaux & Warburton, 2009

*Bohra paulae* Flannery & Szalay, 1982

*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

*Nombe nombe* (Flannery et al., 1983) Kerr & Prideaux, 2022

*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

### **Superfamily Macropodoidea incertae sedis**

*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

*Wakiewakie lawsoni* Woodburne, 1984

### **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 Proboscidea** Illiger, 1811

**Family incertae sedis**

*Mastodon australis* Owen, 1844

*Notelephas australis* Owen, 1882

**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

*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

*Archerops annectens* Hand & Kirsch, 2003

*Hipposideros bernardsigei* Hand, 1997

*Hipposideros winsburyorum* Hand & Godthelp, 1999

*Riversleigha williamsi* Hand, 1998

**Family Rhinonycteridae** Gray, 1866

*Brachipposideros nooraleebus* Sigé et al., 1982

*Brachipposideros watsoni* Hand, 1997

*Brevipalatus mcculloughi* Hand & Archer, 2005

*Miophyllorhina riversleighensis* Hand, 1997

*Rhinioncteris tedfordi* Hand, 1997

*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* MacCoy True, 1909
- *Zalophus williamsi* McCoy Kellogg, 1922

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

**Suborder Cetacea Brisson, 1762**

**Suborder Cetacea incertae sedis**

*Cetotolites leggei* McCoy, 1879 [Nomen Dubium]

- *Cetotolites Leggei* M'Coy Johnston, 1888

*Cetotolites pricei* McCoy, 1879 [Nomen Dubium]

- *Cetotolites Pricei* M'Coy Johnston, 1888

'*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
- *Zeuglodon Harwoodii*, Sanger Tate, 1885
- *Zeuglodon Hardwoodii* [sic] Johnston, 1888
- *Zeuglodon Harwoodi* Sawyer Trouessart, 1899
- *Zeuglodon Harwoodi* Sanger Stromer, 1908
- *Metasqualodon harwoodi* (Sanger) Hall, 1911
- *Microzeuglodon? Harwoodi* (Sanger) Abel, 1913

- *Zeuglodon harwoodi* Sanger Abel, 1913
- *P. harwoodi* Sanger sp. Chapman, 1918
  - *S. harwoodii* Sanger Winge, 1918
  - *Zeuglodon harwoodi* Pritchard, 1939
- *Metasqualodon (Zeuglodon) harwoodi* David, 1950
- *Metasqualodon (= "Zeuglodon") harwoodi* Thenius, 1959
- *Metasqualodon harwoodi* (Sanger 1881) Rothausen, 1965
  - *Metasqualodon harwoodi* Sanger Climo & Baker, 1972
  - *Metasqualodon harwoodi* Mahoney & Ride, 1975
- *Zeuglodon harwoodii* Sanger, 1881 Mahoney & Ride, 1975
- *Metasqualodon harwoodi* (Sanger 1881) Pledge & Rothausen, 1977
  - *Metasqualodon harwoodii* (Sanger) Pledge, 2020

### **Family Kekenodontidae Mitchell, 1989**

#### *'Squalodon' gambierensis* Glaessner, 1955

- *Squalodon gambierense* Glaessner, 1955
- *Squalodon gambierensis* Glaessner, 1972
- *Squalodon? gambierensis* Glaessner 1955 Pledge & Rothausen, 1977
  - *'Squalodon' gambierensis* Glaessner, 1955 Fordyce, 1982
  - *"Squalodon" gambierense* Glaessner Pledge, 2020

### **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* M'Coy Johnston, 1888

#### *Cetotolites nelsoni rugosa* McCoy, 1879 [Nomen Dubium]

#### *Janjucetus hunderi* Fitzgerald, 2006

#### *Mammalodon colliveri* Pritchard, 1939

- *'Mammalodon' colliveri* Hills, 1958
- *Mammalodon pritchardi* Pledge & Rothausen, 1977

## **Infraorder Odontoceti Flower, 1867**

### **Infraorder Odontoceti incertae sedis**

#### *Prosqualodon davidis* Flynn, 1923

- *Zeuglodon brevicuspidatus* Tate in Hall, 1911 (Nomen Nudum)
  - *Prosqualodon davidi* Dart, 1923
  - *Prosqualodon davidi* Flynn, 1932

#### *Parasqualodon wilkinsoni* (McCoy, 1866)

- *Phocodon Wilkinsoni* McCoy, 1866
- *Squalodon Wilkinsoni* (M'Coy) McCoy, 1867
  - *Squalodon Ckinsoni* M'Coy Brandt, 1873
- *Squalodon Wilkinsoni* (McCoy) McCoy, 1875
  - *Squalodon Wilkinsonii* Murray, 1877
- *Squalodon Wilkensoni* Beneden & Gervais, 1880
  - *S. Ckinsonii* Zittel, 1894
- *Squalodon Wilkensonii* McCoy Trouessart, 1898–1899
  - *Parasqualodon wilkinsoni* M'Coy Hall, 1911
- "*Squalodon*" (= *Parasqualodon*) *wilkinsoni* Chapman, 1917
  - *Metasqualodon wilkinsoni* Chapman, 1917
  - *Parasqualodon wilkinsoni* (McCoy) Kellogg, 1923
- *Parasqualodon?* *wilkinsoni* McCoy 1867 Pledge & Rothausen, 1977
- "*Prosqualodon wilkinsoni* (McCoy 1867)" Pledge & Rothausen, 1977
  - *Prosqualodon wilkinsoni* Fordyce, 1984

## **Superfamily Physeteroidea Gray, 1821 sensu Bianucci & Landini, 2006**

### **Superfamily Physeteroidea incertae sedis**

#### *Physetodon baileyi* McCoy, 1879

- *Physetodon*, species (*Baileyi*) Bailey 1882
  - *Cetotolites baileyi* McCoy, 1883
- *Physetodon Bayleyi* (McCoy) Murray, 1887
- *Physetodon baileyana* Hall & Pritchard, 1897
- *Physetodon baileyana*, McCoy Dennant & Kitson, 1903
  - "*Physetodon baileyi*" Hampe, 2006

#### *Scaldicetus lodgei* Chapman, 1917

- "*Scaldicetus*" *lodgei* Hampe, 2006

#### *Scaldicetus macgeei* Chapman, 1912

*Scaptodon lodderi* Chapman, 1918

**Superfamily Delphinoidea** Gray, 1821 sensu Rice, 2009

*'Steno' cudmorei* Chapman, 1917

- *Steno cudmorei* Chapman, 1917
- *'Steno' cudmorei* Fordyce, 1982

**Clade Eutheria incertae sedis**

*Tingamarra porterorum* Godthelp et al., 1992

*Chronozoon austral* de Vis, 1883