

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

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## **Infraclass Australosphenida Rich et al., 1997**

### **Family Ausktribosphenidae Rich et al., 1997**

*Ausktribosphenos nyktos* Rich et al., 1997

*Bishops whitmorei* Rich et al., 2001

*Kryoparvus gerriti* Rich et al., 2020

## **Subclass Prototheria Gill, 1872**

**Order ?Monotremata** Bonaparte, 1832 sensu Bonaparte, 1838

### **Family incertae sedis**

*Kryoryctes cadburyi* Pridmore et al., 2005

**Family Kollikodontidae** Flannery et al., 1995

*Kollikodon ritchiei* Flannery et al., 1995

**Order Monotremata** Bonaparte, 1832 sensu Bonaparte, 1838

**Family Ornithorhynchidae** Gray, 1825: 343 sensu Burnett, 1830

*Obdurodon dicksoni* Archer et al., 1992

*Obdurodon insignis* Woodburne and Tedford, 1975

*Obdurodon tharalkooschild* Pian et al., 2013

**Family Steropodontidae** Flannery et al., 1995

*Steropodon galmani* Archer et al., 1985

*Teinolophos trusleri* Rich et al., 1999

**Family Tachyglossidae** Gill, 1872

*Megalibgwilia ramsayi* (Owen, 1884)

- *Echidna ramsayi* Owen, 1884

*Zaglossus hacketti* Glauert, 1914

*Zaglossus robustus* (Dun, 1896)

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

**Family Tachyglossidae incertae sedis**

*Echidna amplor* Weber, 1904

*Echidna owenii* Krefft, 1868

*Echidna gigantea* Roger, 1887

**Family incertae sedis**

*Stirtodon elizabethae* Rich et al., 2020

**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**

### **Theria incertae sedis**

**Family Yingabalanaridae**

*Yingabalanara richardsoni* Archer et al., 1990

### **Clade Marsupialiformes incertae sedis**

*Archaeonothos henkgodthelpi* Beck, 2015

*Thylacotinga bartholomaii* Archer et al., 1993

**Subfamily Chulpasiinae** Sigé et al., 2009

*Chulpasia jimthorselli* Sigé et al. 2009

**Family Numbigilgidae**

*Numbigilga ernielundeliusi* Beck et al., 2008

## **Subclass Marsupialia** Illiger, 1811 sensu Cuvier, 1816

### **Marsupialia incertae sedis**

*Ankotarinja tirarensis* Archer, 1976

*Archizonurus securus* de Vis, 1889

*Djarthia murgonensis* Godthelp et al. 1999

*Keeuna woodburnei* Archer, 1976

**Order Dasyuromorphia** Gill, 1872 sensu Aplin & Archer, 1987

**Family Dasyuridae** Goldfuss, 1820 sensu Owen, 1839

**Subfamily Dasyurinae** Goldfuss, 1820 sensu Wroe, 1999 or Marshall et al., 1990

*Archerium chinchillaensis* Wroe and Mackness, 2000

*Dasyuroides achilpatna* Archer, 1982

*Dasyuroides worboysi* Dawson et al. 1999

*Dasyurus dunmalli* Bartholomai, 1971

*Dasyurus mordax* Owen, 1877

*Dasyurus maculatus* (Kerr, 1792) (extant)

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

*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 Wroe, 1999

*Antechinus puteus* Van Dyck, 1982

*Antechinus yammal* Cramb and Hocknull, 2010

*Antechinus yuna* Cramb and Hocknull, 2010

**Subfamily Sminthopsinae** Archer, 1982 sensu Wroe, 1999 or Marshall et al., 1990

*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

*Badjcinus turnbulli* Muirhead and Wroe, 1998

**Family Thylacinidae** Bonaparte, 1832

*Maximucinus muirheadae* Wroe, 2001

*Muribacinus gadiyuli* Wroe, 1996

*Ngamalacinus timmulvaneyi* Muirhead, 1997

*Nimbacinus dicksoni* Muirhead and Archer, 1990

*Nimbacinus richi* Murray and Megirian, 2000

*Thylacinus macknessi* Muirhead, 1992

*Thylacinus megiriani* Murray, 1997

*Thylacinus potens* Woodburne, 1967

*Thylacinus yorkellus* Yates, 2015

*Tyarrpecinus rothi* Murray and Megirian, 2000

*Wabulacinus ridei* Muirhead, 1997

**Dasyuromorphia incertae sedis**

*Apoktesis cuspis* Campbell, 1976

*Dasylyrinja kokuminola* Archer, 1982

*Joculusium muizoni* Wroe, 2001

*Mayigriphus orbus* Wroe, 1997

*Mutpuracinus archibaldi* Murray and Megirian, 2000

*Wakamatha tasselli* Archer and Rich, 1979

**Subfamily Barinyainae** Wroe, 1999

*Barinya kutjamparpenis* Binfield et al., 2017

*Barinya wangala* Wroe, 1999

**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 and 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

**Perameloidea incertae sedis**

*Bulungu campbelli* Travouillon et al., 2013

*Bulungu muirheadae* Travouillon et al., 2013

*Bulungu palara* Gurovich et al., 2013

*Galadi speciosus* Travouillon et al., 2010

*Galadi adversus* Travouillon et al., 2013

*Galadi amplus* Travouillon et al., 2013

*Galadi grandis* Travouillon et al., 2013

*Madju varia* Travouillon et al., 2015

*Madju encorensis* Travouillon et al., 2015

*Kutjamarcoot brevirostrum* Chamberlain 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 and Filan, 1995

*Yarala kida* Schwartz, 2006

**Order Diprotodontia** Owen, 1877

**Family incertae sedis**

*Koobor jimbarrati* Archer, 1976

*Koobor notabilis* (de Vis, 1889)

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

**Suborder Vombatiformes** Woodburne, 1984

**Infraorder Phascolarctomorpha** Aplin & Archer, 1987

**Family Phascolarctidae** Owen, 1839

*Invictokoala monticola* Price and Hocknull, 2011

*Litokoala dicksmithi* Black, Louys and Price 2014

*Litokoala garyjohnstoni* Louys et al., 2007

*Litokoala kutjamarpensis* Stirton et al., 1967

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

*Madakoala wellsii* Woodburne et al., 1987

*Madakoala devisi* Woodburne et al., 1987

*Nimiokoala greystanesi* Black and 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 inerme* Owen, 1845

*Pitikantia dailyi* Stirton, 1967

*Pyramios alcootense* Woodburne, 1967

**Subfamily Zygomaturinae** Stirton et al., 1967

*Alkwertatherium webbi* Murray, 1990

*Hulitherium tomasetti* Flannery and Plane, 1986

*Kolopsis rotundus* Plane 1967

*Kolopsis torus* Woodburne, 1967

*Nototherium watutense* Anderson, 1937 sensu Mackness, 2012

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

*Kolopsis yperus* Murray, Megirian and 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

*Raemetherium yatkolai* Rich et al., 1978

*Silvabestius johnnilandi* Black and Archer, 1997

*Silvabestius michaelbirti* Black and 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 Ilariidae** Tedford & Woodburne, 1987

*Ilaria illumidens* Tedford and Woodburne, 1987

*Ilaria lawsoni* Tedford and Woodburne, 1987

*Kuterintja ngama* Pledge, 1987

#### **Family Palorchestidae** Tate, 1948 sensu Archer & Bartholomai, 1978

*Palorchestes anulus* Black, 1997

*Palorchestes azael* Owen, 1873

- *Palorchestes rephaim* Ramsay, 1885

*Palorchestes painei* Woodburne, 1967

*Palorchestes parvus* de Vis, 1895

*Palorchestes pickeringi* Piper, 2006

*Palorchestes selestiae* Mackness, 1995

*Propalorchestes ponticulus* Murray, 1990

*Propalorchestes novaculacephalus* Murray, 1986

**Palorchestes incertae sedis**

*Palorchestes crassus* Owen, 1880

**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 and Rich, 1982

*Wakaleo oldfieldi* Clemens and Plane, 1974

*Wakaleo pitikantensis* (Rauscher, 1987)

- *Priscileo pitikantensis* Rauscher, 1987

*Wakaleo schouteni* Gillespie et al., 2017

*Wakaleo vanderleueri* Clemens and Plane, 1974

**Subfamily incertae sedis**

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

- *Priscileo roskellyae* Gillespie, 1997

*Microleo attenboroughi* Gillespie et al., 2016

**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 and Archer, 1979

*Namilamadeta superior* Pledge, 2005

*Wynyardia bassiana* Spencer, 1901

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

**Family Maradidae** Black, 2007

*Marada arcanum* Black, 2007

**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 and Richardson, in Scott, 1988: iii, 38.

*Lasiorhinus latifrons* (Owen, 1845) (extant)

- *Lasiorhinus mungoensis* Scott and 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 and 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
- *Phascolomys magnus* Murie, 1866

*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 and Wilkinson, 1982

**Suborder Phalangerida** Aplin & Archer, 1987

**Superfamily Burramyoidea** Broom, 1898 *sensu* Aplin & Archer, 1987

**Family Burramyidae** Broom, 1898

*Burramys brutyi* Brammall and Archer, 1997

*Burramys triradiatus* Turnbull et al., 1987

*Burramys wakefieldi* Pledge, 1987

**Superfamily Petauroidea** Bonaparte, 1832 *sensu* Aplin & Archer, 1987

**Family Pseudocheiridae** Winge, 1893 *sensu* Archer, 1984

**Subfamily Dactylopsilinae** Kirsch, 1977 *sensu* Marshall, 1990

*Dactylopsila kambuayi* Aplin 1999

*Gymnobelideus leadbeateri* McCoy, 1867 (extant)

- *Palaeopetaurus elegans* Broom, 1896

**Subfamily Hemibelideinae** Kirsch et al., 1997

*Petauroides ayamaruensis* Aplin 1999

*Petauroides marshalli* (Turnbull and Lundelius, 1970)

- *Pseudocheirus marshalli* Turnbull and Lundelius, 1970

*Petauroides stirtoni* (Turnbull and Lundelius, 1970)

- *Pseudocheirus stirtoni* Turnbull and Lundelius, 1970

**Subfamily Pseudocheirinae** Winge, 1893

*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

*Pseudocheirus peregrinus* (Boddaert, 1785) (extant)

- *Pseudochirus antiquus* Broom, 1896

*Pseudochirops winteri* Mackness and Archer, 2001

*Pseudokoala erlita* Turnbull and Lundelius, 1970

*Pseudokoala cathysantamaria* Archer et al., 1997

*Pseudokoala curramulkensis* (Pledge, 1992)

- *Corracheirus curramulkensis* Pledge, 1992

**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

*Onirocuscus inversus* Crosby, 2007

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

- *Strigocuscus notialis* Flannery et al., 1987

*Onirocuscus reidi* (Flannery and Archer, 1987) Crosby, 2007

- *Strigocuscus reidi* Flannery and Archer, 1987

*Onirocuscus rupina* Crosby, 2007

*Onirocuscus silvicultrix* Crosby, 2007

*Phalanger procuscus* de Vis, 1889

*Trichosurus dicksoni* Flannery and Archer, 1987

*Trichosurus hamiltonensis* Flannery et al., 1987

*Wyulda asherjoeli* Crosby, 2001

**Phalangeridae incertae sedis**

*Phalangista sicca* Owen, 1877

*Phalangista planifrons* Owen, 1877

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

*Chunia illuminata* Woodburne and Clemens, 1986

*Chunia omega* Woodburne and 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 and Archer, 2002

*Durudawiri inusitatus* Crosby and 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 incertae sedis**

*Palaeopotorous priscus* Flannery and Rich 1986

**Superfamily Macropodoidea** Gray, 1821 sensu Archer & Bartholomai, 1987

### **Macropodoidae incertae sedis**

*Gumardee pascuali* Flannery et al., 1983

*Gumardee richi* Travouillon et al. 2016

*Gumardee springae* Travouillon et al. 2016

*Ngamaroo archeri* Kear and Pledge, 2007

*Purtia mosaicus* Case, 1984

*Wakiewakie lawsoni* Woodburne, 1984

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

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

*Balbaroo camfieldensis* Flannery, Archer and Plane, 1983

- *Nambaroo bullockensis* Schwartz and Megirian, 2004

*Balbaroo fangaroo* Cooke, 2000

*Balbaroo gregoriensis* Flannery, Archer and Plane, 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 and Rich, 1986

*Nambaroo saltavus* Flannery and Rich, 1986

*Nambaroo tarrinyeri* Flannery and Rich, 1986

*Wururoo dayamayi* Cooke, 1997

**Subfamily insertae sedis**

*Galanarla tessellata* Flannery et al., 1983

**Family Hypsiprymnodontidae** Collett, 1887 sensu Ride, 1993

**Subfamily Hypsiprymnodontinae** Collett, 1887 sensu Ride, 1993

*Hypsiprymnodon bartholomaii* Flannery and Archer, 1987

*Hypsiprymnodon dennisi* Bates et al., 2014

*Hypsiprymnodon philcreaseri* Bates et al., 2014

*Hypsiprymnodon karenblackae* Bates et al., 2014

**Subfamily Propleopinae Archer & Flannery, 1985**

*Ekaltadeta ima* Archer and 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 and Flannery, 1985

**Family Potoroidae** Gray, 1821

**Subfamily Potoroinae** Gray, 1821

**Tribe Potoroini** Trouessart, 1898

*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)

**Tribe Bettongini** Flannery & Archer, 1987

*Bettongia cuniculoides* McCoy, 1868

*Bettongia moyesi* Flannery and Archer, 1987

*Borongaboodie hatcheri* Prideaux, 1999

*Milliyowi bunganditj* Flannery et al., 1992

**Family Potoroidae nomen nudum**

*Kyeema mahoneyi* Woodburne et al., 1994

**Family Potoroidae nomen dubium**

*Bettongia cuneata* Owen, 1877

*Hypsiprymnus spelaeus* Waterhouse, 1846

**Family Macropodidae** Gray, 1821

**Family Macropodidae insertae sedis**

*Bulungamaya delicata* Flannery et al., 1983

- *Nowidgee matrix* Cooke, 1997

*Ganguroo bilamina* Cooke, 1997

*Ganguroo bites* Travouillon et al. 2014

*Ganguroo robustiter* Cooke et al., 2015

**Subfamily Lagostrophinae** Prideaux & Warburton, 2010

*Tjukuru wellsi* Prideaux and Tedford, 2012

*Troposodon bluffensis* Bartholomai, 1978

*Troposodon bowensis* Flannery and Archer, 1983

*Troposodon gurar* Flannery and Archer, 1983

*Troposodon kenti* Campbell, 1973

*Troposodon minor* (Owen, 1877)

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

### **Subfamily Sthenurinae**

#### **Tribe indet.**

*Hadronomas puckridgi* Woodburne, 1967

*Rhizosthenurus flanneryi* Kear, 2002

*Wabularoo naughtoni* Archer, 1979

*Wabularoo prideauxi* Travouillon et al. 2015

*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 and 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 and Wells, 1998)

- *Sthenurus baileyi* Prideaux and Wells, 1998

*Simosthenurus brachyselenis* (Prideaux and Wells, 1997)

- *Sthenurus brachyselenis* Prideaux and Wells, 1997

*Simosthenurus eurykaphus* (Prideaux and Wells, 1997)

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

*Simosthenurus maddocki* (Wells and 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

*Cookeroo bulwidarri* Butler et al., 2016

*Cookeroo hortusensis* Butler et al., 2016

*Dorcopsis wintercookorum* Flannery et al., 1992

*Dorcopsoides fossilis* Woodburne, 1967

*Prionotemnus palankarinnicus* Stirton, 1955

*Protemnodon anak* Owen, 1874

- *Protemnodon og* Owen, 1874

*Protemnodon brehus* (Owen, 1874)



- *Sthenurus brehus* Owen, 1874

*Protemnodon chinchillaensis* Bartholomai, 1973

*Protemnodon devisi* Bartholomai, 1973

*Protemnodon hopei* Flannery, 1992

*Protemnodon mimas* Owen, 1874

*Protemnodon nombe* Flannery et al., 1983

*Protemnodon otibandus* Plane, 1967

*Protemnodon roechus* Owen, 1874

- *Protemnodon antaeus* Owen, 1877

*Protemnodon snewini* Bartholomai, 1978

*Protemnodon tumbuna* Flannery et al., 1983

*Silvaroo bandharr* (Dawson, 1999)

- *Protemnodon bandharr* Dawson, 1999

*Silvaroo bila* Dawson, 2004

*Silvaroo buloloensis* (Plane, 1967)

- *Protemnodon buloloensis* Plane, 1967

*Watutia novaeguinae* Flannery, Hoch and Aplin, 1989

**Tribe Dendrolagini** Flannery, 1989

*Bohra illuminata* Prideaux and Warburton, 2008

*Bohra nullarbora* Prideaux and Warburton, 2009

*Bohra paulae* Flannery and Szalay, 1982

*Bohra wilkinsonorum* Dawson 2004

*Dendrolagus noibano* Flannery et al., 1983

**Tribe Macropodini** Flannery, 1989

*Baringa nelsonensis* Flannery and Hann, 1984

*Kurrabi mahoneyi* Flannery and Archer, 1984

*Kurrabi merriwaensis* Flannery and 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

*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 rankeni* Dawson, 1985

*Macropus titan* Owen, 1838

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

*Macropus wellingtonensis* Dawson, 1985

*Notamacropus agilis* (Gould, 1842) (extant)

- *Halmaturus siva* De Vis, 1895
- *Osphranter stirtoni* Marcus, 1976

*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

*Thylogale christensenii* 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 numen dubia**

*Halmaturus odin* De Vis, 1895

*Macropus affinis* Owen, 1845

*Macropus (?Prionotemnus) piltonensis* Bartholomai, 1975

*Osphranter gouldi* Owen, 1874

*Pachygnathus* Krefft, 1872

*Synaptodon aevorum* de Vis, 1888

### **Diprotodontia incertae sedis**

*Koalemus ingens* 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

**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 brevirostris* (De Vis, 1905)

- *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 and Hocknull, 2010

*Leggadina gregoriensis* Klinkhamer and Godthelp, 2015

*Leggadina irvini* Cramb, Price and Hocknull, 2018

*Leggadina macrodonta* Klinkhamer and Godthelp, 2015

*Leggadina webbi* Cramb, Price and Hocknull, 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

**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 and 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 and Kirsch, 2003

*Hipposideros bernardsigei* Hand, 1997

*Hipposideros winsburyorum* Hand and Godthelp, 1999

*Riversleigha williamsi* Hand, 1998

**Family Rhinonycteridae** Gray, 1866

*Brachhipposideros nooraleebus* Sigé et al., 1982

*Brachipposideros watsoni* Hand, 1997

*Brevipalatus mcculloughi* Hand and Archer, 2005

*Miophyllorhina riversleighensis* Hand, 1997

*Rhinonictoris 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

*Arctocephalus williamsi* McCoy, 1877

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

**Suborder Cetacea** Brisson, 1762

**Superfamily Squalodontoidea** Brandt, 1873

**Family Squalodontidae Brandt, 1873**

*Prosqualodon davidis* Flynn, 1923

*'Squalodon' gambierense* Glaessner, 1955

**Family Squalodontidae nomen dubium**

*Parasqualodon wilkinsoni* (McCoy, 1866)

- *Squalodon wilkinsoni* McCoy, 1866
- *Zeuglodon brevicuspidatus* Tate, 1911

**Suborder Cetacea incertae sedis**

*Cetotolites baileyi* McCoy, 1883

*Cetotolites leggei* McCoy, 1879

*Cetotolites nelsoni nelsoni* McCoy, 1879

*Cetotolites nelsoni rugosa* McCoy, 1879

*Cetotolites pricei* McCoy, 1879

*Ziphius (Dolichodon) geelongensis* McCoy, 1882

**Infraorder Mysticeti Flower, 1864**

*Metasqualodon harwoodii* (Sanger, 1881)

- *Zeuglodon Harwoodi* Sanger, 1881

**Family Mammalodontidae Mitchell, 1989**

*Janjucetus hunderi* Fitzgerald, 2006

*Mammalodon colliveri* Pritchard, 1939

- *Mammalodon pritchardi* Pledge & Rothausen, 1977

**Infraorder Odontoceti Flower, 1864**

**Superfamily Physeteroidea** Gray, 1821 sensu McKenna and Bell, 1997

**Family Physeteridae**

**Subfamily Physeterine** Gray, 1821

*Physetodon baileyi* McCoy, 1879

**Subfamily Hoplocetinae** Cabrera, 1926

*Scaldicetus lodgei* Chapman, 1917

*Scaldicetus macgeei* Chapman, 1912

*Scaptodon lodderi* Chapman, 1918

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

*Steno cudmorei* Chapman, 1917

**Clade Eutheria incertae sedis**

*Tingamarra porterorum* Godthelp et al., 1992

*Chronozoon australe* de Vis, 1883