

CHAPTER 5

The Pleistocene

5.1 PLEISTOCENE MAMMALS

More families, genera and species have been recorded from the Pleistocene than any other epoch in southern Africa (see Table 7.1). Proportions of extinct taxa vary at different levels. Thus, all 15 extant Orders are represented, and all of the 38 families are extant, but the situation is different at the generic and specific levels. Here there is a clear diversification in certain Orders, combined with high proportions of extinct taxa. For instance, in the Artiodactyla, 32 per cent of the genera and 49 per cent of the species are now extinct, while the numbers are 23 per cent and 43 per cent respectively in the Carnivora. On the other hand, the Rodentia contain only 8 per cent extinct genera and 17 per cent extinct species, while all the Chiroptera are extant.

ORDER: AFROSORICIDA
Suborder: Chrysochloridea
FAMILY: CHRYSOCHLORIDAE
Subfamily: Chrysochlorinae

Chlorotalpa duthiae Broom, 1907. *Trans. S. Afr. Philos. Soc.* 18: 292.

Duthie's golden mole.

Type locality: Knysna.

Additional references: Bronner (1995a, 1995b).



Chlorotalpa sclateri Broom, 1907. *Ann. Mag. Nat. Hist., Series 7*, 19: 263.

Sclater's golden mole.

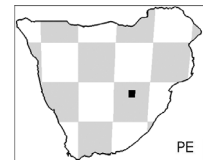
Type locality: Beaufort West.

Additional references: Bronner (1995a, 1995b); Broom (1907b, 1946, 1950).



†*Chlorotalpa spelea* Broom, 1941. *Ann. Transvaal Mus.* 20: 214.

Type locality: Sterkfontein.



Chrysochloris asiatica Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 53. Cape golden mole.

Type locality: usually taken as Cape of Good Hope.

Additional references: Broom (1907b, 1909c, 1910, 1946, 1950); Petter (1981); Roberts (1919).



Chrysofalax Gill, 1884. *Stand. Nat. Hist.* 5 (Mamm): 137.

Type locality: None given.

Additional references: Petter (1981).



Chrysofalax villosus Smith, 1833. *S. Afr. Quart. J., Series 2*, 2: 81.

Rough-haired golden mole.

Synonyms: *Chrysochloris villosa*.

Type locality: near Durban.

Additional references: Broom (1909c, 1913a); Gray (1865a); Meester (1953b); Smith (1849).



Subfamily: Amblyosomyinae

Amblysomus hottentotus Smith, 1829. *Zool. J.* 4: 436. Hottentot golden mole.

Synonyms: *iris*.

Type locality: Grahamstown.

Additional references: Bronner (1996); Broom (1908, 1909c); Capanna *et al.* (1989); Mynhardt *et al.* (2015); Petter (1981); Roberts (1946).



Neamblysomus gunningi Broom, 1908. *Ann. Transvaal Mus.* 1: 14.

Gunning's golden mole.

Synonyms: *Amblysomus*.

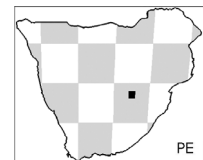
Type locality: Woodbush.

Additional references: Bronner (1995b, 2013); Bronner and Jenkins (2005).



†***Proamblysomus antiquus*** Broom, 1941 *Ann. Transvaal Mus.* 20: 214.

Type locality: Sterkfontein



ORDER: MACROSCELIDEA

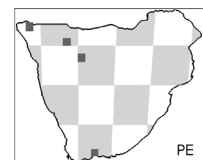
FAMILY: MACROSCELIDIDAE

Subfamily: Macroscelidinae

Elephantulus Thomas and Schwann, 1906. *Abstr. Proc. Zool. Soc. Lond.*

33: 10.

Additional references: Corbet and Hanks (1968); Evans (1942); Holroyd (2010a); Patterson (1965); Van der Horst (1944).



†***Elephantulus antiquus*** Broom, 1948. *Ann. Transvaal Mus.* 21(1): 5.

Type locality: Bolt's Farm.

Additional references: Patterson (1965).



Elephantulus brachyrhynchus Smith, 1836. *Report of the Expedition for Exploring Central Africa*: 42. Short-snouted elephant shrew.

Synonyms: *Macroscelides*.

Type locality: Kuruman to southern Botswana.

Additional references: Smith (1849).



†*Elephantulus broomi* Corbet and Hanks, 1968. *Bull. Brit. Mus. Nat. Hist. Zool.* 16: 54.

Synonyms: *Elephantomys langi*.

Type locality: Schurveberg.



Elephantulus edwardii Smith, 1839. *Illustrations of the Zoology of South Africa*: pl. 14. Cape elephant shrew.

Synonyms: *Macroscelides*.

Type locality: Oliphants River.

Additional references: Roberts (1924); Smith (1849).



Elephantulus fuscus Peters, 1851. *Reise nach Mossambique, Säugethiere*: 87. Dusky elephant shrew.

Type locality: Boror.



Elephantulus intufi Smith, 1836. *Report of the Expedition for Exploring Central Africa*: 42. Bushveld elephant shrew.

Synonyms: *Macroscelides*.

Type locality: flats beyond Kurrichaine.

Additional references: Smith (1849).



Elephantulus myurus Thomas and Schwann, 1906. *Proc. Zool. Soc. Lond.* 1906: 586. Eastern rock elephant shrew.

Type locality: Woodbush.



Elephantulus rupestris Smith, 1830. *Proc. Committee. Sci. Corr. Zool. Soc. Lond.* 1: 11. Western rock elephant shrew.

Synonyms: *Macroscelides*.

Type locality: mountains near mouth of Orange River.

Additional references: Broom (1938b); Roberts (1938, 1946); Smith (1849).

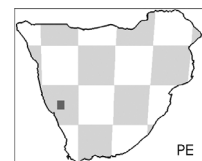


Macroscelides Smith, 1829. *Zool. J. Lond.* 4: 435.

Type locality: none given.

Additional references: Corbet and Hanks (1968); Evans (1942); Patterson (1965); Smith (1849).

Comments: this genus is considered to be monospecific, so this material should almost certainly be assigned to *M. proboscideus*.



Macroscelides proboscideus Shaw, 1800. *Gen. Zool. Syst. Nat. Hist.* 1(2)

Mammalia: 536. Short-eared elephant shrew.

Synonyms: *typicus*.

Type locality: Roodeval.

Additional references: Roberts (1933, 1938).



Subfamily: †Mylomygalinae

†*Mylomygale spiersi* Broom, 1948. *Ann. Transvaal Mus.* 21(1): 8.

Type locality: Taung.

Additional references: Holroyd (2010a); Patterson (1965).



ORDER: TUBULIDENTATA

FAMILY: ORYCTOPODIDAE

Orycteropus Cuvier, 1798. *Tableau Élémentaire de l'Histoire Naturelle des Animaux* 1798: 144.

Additional references: Holroyd (2010b); Kitching (1963); Lehmann (2007); Pickford (2008a).



Orycteropus afer Pallas, 1766. *P.S. Pallas Medicinae Doctoris Miscellanea Zoologica*: 64. Aardvark.

Type locality: Cape of Good Hope.

Additional references: Kitching (1963); Lehmann (2004, 2007); Pickford (2005b); Shoshani *et al.* (1988).



ORDER: HYRACOIDEA

FAMILY: PROCAVIIDAE

Dendrohyrax arboreus Smith, 1827. *Trans. Linn. Soc. Lond.* 14: 468.

Southern tree hyrax.

Type locality: Cape of Good Hope.

Additional references: Gray (1873); Thomas (1892).



Procavia Storr, 1780. *Prodromus Methodi Mammalium*: 40.



†*Procavia antiqua* Broom, 1934. *S. Afr. J. Sci.* 31: 472.

Synonyms: *Prohyrax*; *robertsi*.

Type locality: Taung.

Additional references: Broom (1948a); Churcher (1956); McMahon and Thackeray (1994); Rasmussen and Gutiérrez (2010); Schwartz (1997).

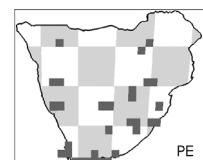


Procavia capensis Pallas, 1766. *P.S. Pallas Medicinae Doctoris Miscellanea Zoologica*: 30. Rock hyrax.

Synonyms: *Heterohyrax*; *coombsi*; *syriacus*; *welwitschii*.

Type locality: Cape of Good Hope.

Additional references: Maswanganye *et al.* (2017); McMahon and Thackeray (1994); Thomas (1892).



†*Procavia transvaalensis* Shaw, 1937. *J. Dental Res.* 16: 40.

Synonyms: *obermeyerae*.

Type locality: Taung.

Additional references: Churcher (1956); McMahon and Thackeray (1994).



ORDER: PROBOSCIDEA

FAMILY: ELEPHANTIDAE

Subfamily: Elephantinae

Elephas Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 33.

Synonyms: *Archidiskodon*; *Palaeoloxodon*.

Additional references: Cooke (1961); Todd (2010).



†*Elephas iolensis* Pomel, 1895. *Les éléphants Quaternaires: Carte Géologique de l'Algérie*: 32.

Synonyms: *Archidiskodon*; *Mammuthus*; *Palaeoloxodon*; *pilgrimia*; *archidiskodontoides*; *broomi*; *hanekomii*; *kuhni*; *sheppardi*; *transvaalensis*; *wilmani*; *yorki*.

Additional references: Cooke (1993b); Dart (1927, 1929b); Haughton (1932b); Hendey (1967); Osborn (1942); Sanders *et al.* (2010a); Todd (2010).

Comments: Pomel (1895) named this species *E. iolensis*.



†*Elephas recki* Dietrich, 1915. *Arch. Biontol.* 4(1): 22.

Synonyms: *Archidiskodon*; *Mammuthus*; *Palaeoloxodon*; *griqua*; *antiquus recki*.

Additional references: Arambourg (1942); Cooke (1993b); Dart (1929b); Haughton (1921); Osborn (1942); Sanders *et al.* (2010a); Todd (2005, 2010).



Loxodonta, Anonymous, 1827. *Zool. J.* 3: 140.

Synonyms: *Tetralophodon*?



Loxodonta africana Blumenbach, 1797. *D. Joh. Fr. Blumenbach's Handbuch der Naturgeschichte.*, 5th edition: 125. African bush elephant.

Synonyms: *Archidiskodon*; *Palaeoloxodon*; *Elephas*; *Mammuthus*; *loxodontoides*; *zulu*.

Type locality: Orange River, South Africa.

Additional references: Brook *et al.* (2014); Burmeister (1837); Dart (1929b); Sanders *et al.* (2010b); Todd (2010).



†*Loxodonta atlantica* Pomel, 1879. *Bull. Soc. Géol. France, Series 3*, 7: 51.

Synonyms: *Archidiskodon*; *Palaeoloxodon*; *zulu*.

Additional references: Sanders *et al.* (2010b); Scott (1907).



†*Loxodonta cookei* Sanders, 2007. *Trans. R. Soc. S. Afr.* 62(1): 7.

Synonyms: *Lukeino Stage*.

Type locality: Langebaanweg.

Additional references: Pickford and Senut (1997); Sanders *et al.* (2010a); Todd (2010).



†*Mammuthus subplanifrons* Osborn, 1928. *Nature* 121: 672–673.

Synonyms: *Archidiskodon*; *Elephas*; *Mastodon*; *Stegodon*; *andrewsi*; *milletti*; *proplanifrons*; *scotti*; *vanalpheni*.

Type locality: Sydney-on-Vaal.

Additional references: Dart (1929b); Maglio and Hendeby (1970); Meiring (1955); Osborn (1934, 1942); Sanders (2007); Sanders *et al.* (2010a); Todd (2010).



ORDER: PRIMATES

Suborder: Haplorrhini

FAMILY: CERCOPITHECIDAE

Subfamily: Cercopithecinae

Cercopithecus Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 26.

Additional references: Jablonsky and Frost (2010).

Comments: material originally identified as *Cercopithecus* sp. is not mapped because it may be assigned to this genus or to *Chlorocebus* as currently understood (Wilson and Reeder 2005).

Cercopithecus albogularis Sykes, 1831. *Proc. Committee Sci. Corr. Zool. Soc. Lond.* 1L. Sykes' monkey.

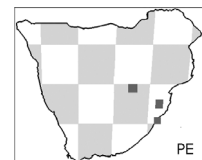
Synonyms: *mitis*.

Additional references: Dalton *et al.* (2015); Lawes (1990).



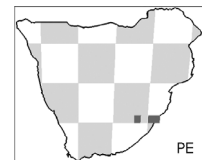
Chlorocebus aethiops Linnaeus, 1758, *Systema Naturae Regnum Animale*, 10th edition, 1: 28. Grivet.

Synonyms: *Cercopithecus*.



Chlorocebus pygerythrus Cuvier, 1821. *Hist. Nat. Mamm.* 24: 2. Vervet monkey.

Synonyms: *aethiops*.



†*Dinopithecus ingens* Broom, 1937. *S. Afr. J. Sci.* 33: 753.

Synonyms: *Papio*.

Type locality: Schurveberg.

Additional references: Freedman and Brain (1977); Gilbert (2013); Jablonsky and Frost (2010).



†*Gorgopithecus major* Broom and Robinson, 1949. *Proc. Zool. Soc. Lond.* 119: 386.

Synonyms: *Parapapio*

Type locality: Kromdraai.

Additional references: Gilbert (2013); Gilbert *et al.* (2016a); Gommery and Bento da Costa (2016); Jablonsky and Frost (2010).



Papio Erxleben, 1777. *Systema Regni Animalia per Classes* : Mammalia: xxx, 15.

Additional references: Williams *et al.* (2012).



†*Papio izodi* Gear, 1926. *S. Afr. J. Sci.* 23: 746.

Synonyms: *Gorgopithecus*; *Parapapio*; *angusticeps*; *wellsi*.

Type locality: Taung.

Additional references: Adams *et al.* (2013); Cooke (1990); Freedman (1965); Gilbert (2013); Gilbert *et al.* (2015); Gilbert *et al.* (2016b); Gommery and Bento da Costa (2016); Heaton (2006); Jablonsky and Frost (2010); McKee (1993b); McKee and Keyser (1994).



Comments: known material from Kromdraai is referred to *Papio* (*hamadryas*) *angusticeps* and a new specimen to *Papio hamadryas* spp. indet. by Singleton *et al.* (2016).

†*Papio robinsoni* Freedman, 1957. *Ann. Transvaal Mus.* 23(2): 183.

Synonyms: *Dinopithecus*; *Parapapio*; *hamadryas robinsoni*.

Type locality: Swartkrans.

Additional references: Gommery and Bento da Costa (2016); Gommery *et al.* (2008b); Freedman (1965); Freedman and Brain (1977); Jablonsky and Frost (2010).

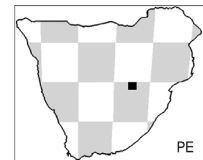


Comments: Gommery and Bento da Costa (2016) consider this taxon to be a subspecies of *Papio hamadryas*.

†*Papio spelaeus* Broom, 1936. *Ann. Transvaal Mus.* 18: 396.

Type locality: Pretoria.

Additional references: Freedman (1957).

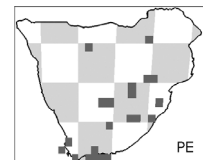


Papio ursinus Kerr, 1792. *The Animal Kingdom, or Zoological System of the Celebrated Sir Charles Linnaeus*: 63. Chacma baboon.

Synonyms: *cynocephalus*; *comatus*; *hamadryas*; *porcarius*; *rhodesiae*.

Type locality: Cape of Good Hope.

Additional references: Freedman (1954, 1965); Jablonsky and Frost (2010); Roberts (1932); Williams *et al.* (2012).



Comments: material from the Koanaka Hills in Botswana is assigned to *P. hamadryas* by Williams *et al.* (2012), probably because some authors (e.g. Singleton *et al.* 2016) consider *ursinus* to be a subspecies of *P. hamadryas*. Here, Wilson and Reeder (2005) are followed in considering *ursinus* to be a full species.

†*Parapapio* Jones, 1937. *S. Afr. J. Sci.* 33: 726.

Type locality: Sterkfontein.

Additional references: Grine and Hensley (1981); Jablonsky and Frost (2010).



†*Parapapio broomi* Jones, 1937. *S. Afr. J. Sci.* 33: 727.

Synonyms: *Brachygnathopithecus peppercorni*; *Gorgopithecus*; *makapani*.

Type locality: Sterkfontein.

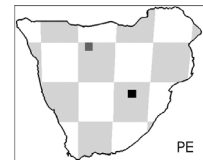
Additional references: Freedman (1965); Freedman and Stenhouse (1972); Gilbert (2013); Gommery and Bento da Costa (2016); Heaton (2006); Jablonsky and Frost (2010); Maier (1970); Thackeray and Myer (2004).



†*Parapapio jonesi* Broom, 1940. *Ann. Transvaal Mus.* 20: 93.

Type locality: Sterkfontein.

Additional references: Freedman and Brain (1977); Freedman and Stenhouse (1972); Gilbert (2013); Gommery and Bento da Costa (2016); Heaton (2006); Jablonsky and Frost (2010); Maier (1970); Thackeray and Myer (2004).



†*Parapapio whitei* Broom, 1940. *Ann. Transvaal Mus.* 20: 90.

Type locality: Sterkfontein.

Additional references: Freedman (1965); Freedman and Stenhouse (1972); Gilbert (2013); Gommery and Bento da Costa (2016); Heaton (2006); Jablonsky and Frost (2010); Maier (1970).



†*Theropithecus oswaldi* Andrews, 1916. *Ann. Mag. Nat. Hist.*, Series 8, 18: 417.

Synonyms: *Parapapio coronatus?*; *Simopithecus*; *danieli*; *leakeyi*.

Additional references: Broom and Robinson (1948); Dechow and Singer (1984); Freedman (1957, 1976); Freedman and Brain (1977); Frost *et al.* (2017); Gilbert (2007b, 2013); Heaton (2006); Jablonsky and Frost (2010); Leakey (1943a).



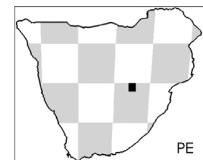
Subfamily: Colobinae

†*Cercopithecoides haasgati* McKee, Von Mayer and Kuykendall, 2011.

J. Human Evol. 60: 90.

Type locality: Haasgat.

Additional references: Adams *et al.* (2013); Kegley *et al.* (2011); Von Mayer (1998).

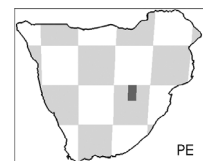


†*Cercopithecoides williamsi* Mollett, 1947. *S. Afr. J. Sci.* 43: 298.

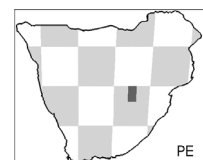
Synonyms: *molletti*.

Type locality: Limeworks Makapansgat.

Additional references: Freedman (1961, 1965); Freedman and Brain (1977); Jablonsky and Frost (2010); Kuykendall and Rae (2008); Maier (1970); Von Mayer (1998).



†*Microcolobus* Benefit and Pickford 1986. *Amer. Phys. Anthrop.* 69: 446.



FAMILY: HOMINIDAE
Subfamily: Homininae

†*Australopithecus africanus* Dart, 1925. *Nature* 114: 198.

Synonyms: *Plesianthropus*; *prometheus*; *transvaalensis*.

Type locality: Taung.

Additional references: Broom (1929, 1939a); Broom and Robinson (1949a, 1949c); Clarke and Tobias (1995); Dart (1929a, 1948a, 1954, 1959); Häusler and Berger (2001); Lockwood and Tobias (1999, 2002); MacLatchy *et al.* (2010); Toussaint *et al.* (2003).



†*Australopithecus sediba* Berger, De Ruiter, Churchill, Schmid, Carlson, Dirks and Kibii, 2010. *Science* 328: 195.

Type locality: Malapa.

Additional references: Carlson *et al.* (2016); De Ruiter *et al.* (2013); Pickering *et al.* (2011).



Homo Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 20.

Additional references: Clarke *et al.* (1970); Curnoe (2001); Curnoe and Tobias (2006); Grine (1993, 2005); Smith and Grine (2008).



†*Homo erectus* Dubois, 1894. *Pithecanthropus erectus: ein meschenähnliche Übergangsform aus Java*.

Synonyms: *ergaster*.

Additional references: MacLatchy *et al.* (2010); Susman (1993).

Comments: Dubois (1894) not seen.



†*Homo gautengensis* Curnoe, 2010. *Homo- J. Comp. Human Biol.* 61: 172.

Synonyms: *habilis*.

Type locality: Sterkfontein.

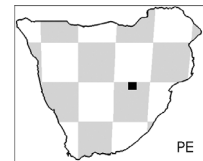
Additional references: Curnoe and Tobias (2006).



†*Homo naledi* Berger, Hawks, de Ruiter, Churchill *et al.* 2015. *eLIFE* 2015, 4: e09560: 1.

Type locality: Dinaledi Chamber.

Additional references: Dembo *et al.* (2016); Holloway *et al.* (2018).



†*Homo rhodesiensis* Woodward, 1921. *Nature* 108 (2716): 371–372.

Synonyms: *heidelbergensis*.

Additional references: Dart (1948a, 1948b); MacLatchy *et al.* (2010); Singer (1956).

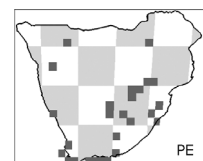
Comments: there is disagreement among specialists as to whether the African material should be assigned to *H. heidelbergensis* or to *H. rhodesiensis* (MacLatchy *et al.* 2010).



Homo sapiens Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 20. Modern human.

Synonyms: *capensis*; *helmei*.

Additional references: Ackermann *et al.* (2016); Beaumont *et al.* (1978);



Bräuer *et al.* (1992); Bräuer and Singer (1996); Broom (1918); Churchill *et al.* (1996); Dart (1940); De Villers (1973, 1974, 1976a, 1976b); Drennan (1937, 1953, 1955); Dreyer (1935); Galloway (1937a, 1937b); Grine (1998, 2000, 2012); Grine *et al.* (1995, 2007, 2010); Haughton *et al.* (1917); Hughes (1990); L'Abbé *et al.* (2008); Pycraft (1925); Keith (1933); MacLatchy *et al.* (2010); Pearson and Grine (1996); Pickford and Senut (1998); Rightmire (1978, 1979b); Rightmire and Deacon (1991); Rightmire *et al.* (2006); Singer (1954); Smith *et al.* (2012); Stynder *et al.* (2001); Trinkaus *et al.* (1999).

†*Paranthropus robustus* Broom, 1938. *Nature* 142: 379.

Synonyms: *Australopithecus*; *crassidens*.

Type locality: Kromdraai.

Additional references: Broom (1939a, 1939d, 1939e, 1949a); Broom and Robinson (1950a, 1950b, 1952); Clarke (1988); Clarke *et al.* (1970); De Ruiter *et al.* (2006); Gommery (2000); Grine (1981, 1982, 1993); Grine and Daegling (1993); Grine and Klein (1985); Grine and Susman (1991); Grine *et al.* (2012); Keyser (2000); Kuykendall and Conroy (1999); MacLatchy *et al.* (2010); Prat and Gommery (2012); Prat *et al.* (2014); Robinson (1970); Steininger *et al.* (2008).



ORDER: RODENTIA

Suborder: Sciuromorpha

FAMILY: SCIURIDAE

Subfamily: Xerinae

Paraxerus palliatus Peters, 1852. *Bericht Verhandl. K. Preuss. Akad. Wiss. Berlin* 17: 273. Red bush squirrel.

Type locality: Quintangonha.



Xerus inauris Zimmermann, 1780. *Geographische Geschichte des Menschen und der Allgemein Verbreiteten Vierfüssigen Thiere* 2: 344. South African ground squirrel.

Synonyms: *Geosciurus capensis*.

Type locality: Kaffirland, 100 miles (160 km) north of Cape of Good Hope.

Additional references: Skurski and Waterman (2005).



Suborder: Myomorpha

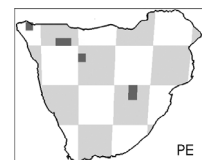
FAMILY: GLIRIDAE

Subfamily: Graphiurinae

Graphiurus Smuts, 1832. *Dissertation Zoologica, Enumerationem Mammalium Capensium*: 32–33.

Synonyms: *Claviglis*; *Gliriscus*; *Myoxus*.

Additional references: Daams and De Bruijn (1995); Holden (1996); Montgelard *et al.* (2003); Webb and Skinner (1995).



Graphiurus microtis Noack, 1887. *Zool. Jahrb.* 2: 248. Large savanna African dormouse.

Synonyms: *griselda*; *littoralis*; *schneideri*; *streeteri*.

Additional references: Roberts (1938).



Graphiurus murinus Desmarest, 1822. *Mammalogie ou descriptions des espèces de mammifères*, Part 2 (suppl.): 542. Forest African dormouse.

Synonyms: *alticola*; *tasmani*; *woosnami*; *vandami*; *zuluensis*.

Type locality: Cape of Good Hope.

Additional references: Holden (1996); Kryštufek *et al.* (2004); Roberts (1931, 1938).



Graphiurus ocellaris Smith, 1829. *Zool. J.* 4: 439. Spectacled African dormouse.

Synonyms: *Myoxus*; *capensis*.

Type locality: near Plettenberg Bay.

Additional references: De Winton (1898); Holden (1996); Smith (1849).



FAMILY: NESOMYIDAE
Subfamily: Cricetomyinae

Cricetomys ansorgei Thomas, 1904. *Ann. Mag. Nat. Hist.*, Series 7, 13: 412. Southern giant pouched rat.

Synonyms: *gambianus*.



Saccostomus Peters, 1846. *Bericht Verhandl. K. Preuss. Akad. Wiss. Berlin* 11: 258.

Comments: the Holocene material should almost certainly be assigned to *S. campestris* since this is the only species currently understood to occur in southern Africa (Wilson and Reeder 2005).



Saccostomus campestris Peters, 1846. *Bericht Verhandl. K. Preuss. Akad. Wiss. Berlin* 11: 258. Southern African pouched mouse.

Synonyms: *anderssoni*; *hildae*; *limpopoensis*; *mashonae*; *pagei*; *streeteri*.

Type locality: Tete.

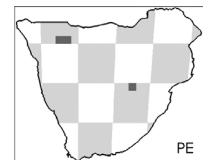
Additional references: Denys (1988b); Roberts (1914).



Subfamily: Delanymyinae

†***Stenodontomys*** Pocock, 1987. *Palaeontol. Afr.* 26(7): 86.

Type locality: Limeworks Makapansgat.



Subfamily: Dendromurinae

Dendromus Smith, 1829. *Zool. J.* 4: 438.

Synonyms: *Poemys*.



Dendromus melanotis Smith, 1834. *S. Afr. Quart. J.*, Series 2, 2: 148. Grey African climbing mouse.

Synonyms: *arenarius*; *concinus*; *nigrifrons*.

Type locality: near Port Natal: Durban.

Additional references: Roberts (1931); Smith (1849).



Dendromus mesomelas Brants, 1827. *Het Geslacht der Muizen door Linnaeus Opgesteld*: 122. Brants' African climbing mouse.

Synonyms: *ayresi*; *typica*.

Type locality: Sunday's River, east of Port Elizabeth.

Additional references: Smith (1849).



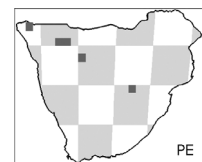
Dendromus mystacalis Heuglin, 1863. *Nov. Act. Acad. Caes. Leop.-Carol.* 30: 2 suppl.: 5. Chestnut African climbing mouse



Dendromus nyikae Wroughton, 1909. *Ann. Mag. Nat. Hist.*, Series 8, 3: 248. Nyika African climbing mouse.



Malacothrix Wagner, 1843. In: Schreber, *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen*, Suppl. 3: 496.



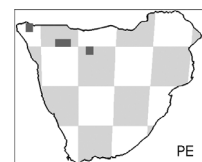
Malacothrix typica Smith, 1834. *S. Afr. Quart. J.*, Series 2, 2: 148. Large-eared African desert mouse.

Type locality: Graaff Reinet District.

Additional references: Roberts (1932).



Steatomys Peters, 1846. *Bericht Verhandl. K. Preuss. Akad. Wiss. Berlin* 11: 258.



Steatomys krebsii Peters, 1852. *Reise nach Mossambique, Säugethiere:*

165. Krebs's African fat mouse.

Synonyms: *chiversi*; *pentonyx*; *pratensis*.

Type locality: Kaffraria.

Additional references: Roberts (1931).



Steatomys pratensis Peters, 1846. *Bericht Verhandl. K. Preuss. Akad. Wiss.*

Berlin 11: 258. Common African fat mouse.

Synonyms: *natalensis*; *opimus*.

Type locality: Tete.

Comments: material from Botswana was identified as *Steatomys opimus* but, as currently understood, this species is almost entirely confined to West Africa (Musser and Carleton 2005).



Subfamily: *Mystromyinae*

Mystromys Wagner, 1841. *Gelehrte Anz. I. K. Bayer. Akad. Wiss. München* 12(54): col. 434.



Mystromys albicaudatus Smith, 1834. *S. Afr. Quart. J., Series 2, 2:* 148.

African white-tailed rat.

Synonyms: *Otomys*; *antiquus*.

Type locality: Albany District.

Additional references: De Winton (1898); Grubb (2004); Smith (1849).



†***Mystromys hausleitneri*** Broom, 1937. *S. Afr. J. Sci.* 33: 766.

Synonyms: *hauslichtneri*.

Type locality: Schurveberg.

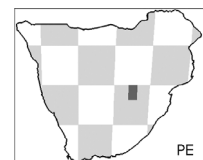
Additional references: Broom (1948a).

Comments: there is disagreement about the identity of some Pleistocene samples, which have been variously assigned to this species or to *M. albicaudatus*. See Avery (1998) for further discussion.



†***Proodontomys cookei*** Pocock, 1987. *Palaeontol. Afr.* 26(7): 82.

Type locality: Limeworks Makapansgat



Subfamily: *Petromyscinae*

Petromyscus Thomas, 1926. *Ann. Mag. Nat. Hist., Series 9, 17:* 179.

Additional references: Petter (1967).



FAMILY: MURIDAE

Subfamily: Deomyinae

Acomys Geoffroy Saint-Hilaire, 1838. *Ann. Sci. Nat. Zool. Paris*, Series 2: 10: 126.

Additional references: Chevret *et al.* (1993a); Dippenaar and Rautenbach (1986).



Acomys spinosissimus Peters, 1852. *Reise nach Mossambique, Säugethiere*: 160. Southern African spiny mouse.

Synonyms: *cahirinus selousi*; *transvaalensis*.

Type locality: Tete and Buio.

Additional references: Dippenaar and Rautenbach (1986).



Acomys subspinosus Waterhouse, 1837. *Proc. Zool. Soc. Lond.* 1837: 104. Cape spiny mouse.

Type locality: Cape of Good Hope.

Additional references: Dippenaar and Rautenbach (1986).



Subfamily: Gerbillinae

Desmodillus Thomas and Schwann, 1904. *Abstr. Proc. Zool. Soc. Lond.* 2: 6.

Synonyms: *Gerbillus*; *Pachyuromys*.

Additional references: Pavlinov (2001).

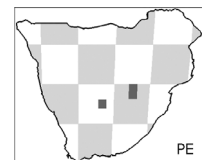


Desmodillus auricularis Smith, 1834. *S. Afr. Quart. J.*, Series 2, 2: 160. Short-eared gerbil.

Synonyms: *Gerbillus*; *brevicaudatus*.

Type locality: Kamiesberg.

Additional references: Griffin (1990); Qumsiyeh (1986); Smith (1849).



Gerbilliscus Thomas, 1897. *Proc. Zool. Soc. Lond.* 1897: 433.

Synonyms: *Gerbillus*; *Tatera*.



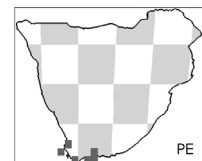
Gerbilliscus afra Gray, 1830. *Spicil. Zool.* 2: 10. Cape gerbil.

Synonyms: *Gerbillus*; *Meriones*; *Tatera*; *africanus*.

Type locality: vicinity of Cape Town.

Additional references: Chacornac (1999); Cuvier (1841); Davis (1949, 1965); Qumsiyeh (1986); Smith (1849); Smuts (1832).

Comments: Gray, 1830 not seen. Citation according to Wilson and Reeder (2005).



Gerbilliscus brantsii Smith, 1836. *Report of the Expedition for Exploring Central Africa*: 43. Highveld gerbil.

Synonyms: *Gerbillus*; *Tatera*; *montanus*.

Type locality: Ladybrand.

Additional references: Davis (1949, 1965); Griffin (1990); Qumsiyeh (1986); Roberts (1926); Smith (1849).



Gerbilliscus leucogaster Peters, 1852. *Bericht Verhandl. K. Preuss., Akad. Wiss. Berlin* 17: 274. Bushveld gerbil.

Synonyms: *Gerbillus*; *Tatera*.

Type locality: Boror.

Additional references: Davis (1949, 1965); Griffin (1990); Qumsiyeh (1986).



Gerbillurus Shortridge, 1942. *Ann. S. Afr. Mus.* 36(1): 52.

Additional references: Qumsiyeh *et al.* (1991).



Gerbillurus paeba Smith, 1836. *Report of the Expedition for Exploring Central Africa*: 43. Paeba hairy-footed gerbil.

Synonyms: *Gerbillus*; *tenuis*.

Type locality: Vryberg.

Additional references: Chacornac (1999); De Winton (1898); Griffin (1990); Perrin *et al.* (1999); Qumsiyeh (1986); Taylor (2000).



FAMILY: MURIDAE

Subfamily: Murinae

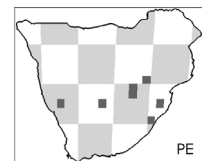
Aethomys Thomas, 1915. *Ann. Mag. Nat. Hist., Series 8*, 16: 477.

Additional references: Chimimba (1997, 1998, 2005); Chimimba and Dippenaar (1994); Chimimba *et al.* (1999); Visser and Robinson (1986).

Comments: many specimens were identified as *Aethomys* sp. at a time when *Micaelamys* was not recognised as a separate genus. For this reason, distributions that rely on material not identified to species have not been mapped, pending re-identification.

Aethomys chrysophilus De Winton, 1896. *Proc. Zool. Soc. Lond.* 1896: 801. Red veld aethomys.

Additional references: Chimimba (2000); Chimimba and Dippenaar (1994); Roberts (1926, 1946).



Arvicanthis Lesson, 1842. *Nouveau Tableau du Règne Animal*: 147.

Additional references: Grubb (2004).



Dasymys Peters, 1875. *Monatsb. K. Preuss. Akad. Wiss. Berlin* 1875: 12.

Additional references: Verheyen *et al.* (2003).



†*Dasymys 'boliti'* Broom, unpublished.

Type locality: Bolt's Farm.

Additional references: Denys (1990a).

Comments: *Nomen nudum*.



†*Dasymys 'broomi'* Broom, unpublished.

Synonyms: *brevirostris*.

Type locality: Sterkfontein.

Comments: *Nomen nudum*.



Dasymys incomtus Sundevall, 1846. *Ofv. K. Svenska Vet.-Akad. Forhandl.*, 3: 120. Common dasymys.

Type locality: Durban.

Additional references: Gordon (1991); Mullin *et al.* (2004).

Comments: much of the material identified as *D. incomtus* was identified at a time when this species was the only one recognised in southern Africa. For this reason, this material should be considered as *D. incomtus sensu lato* until such time as it is re-examined.



†*Dasymys 'lavocati'* Broom, unpublished.

Type locality: Bolt's Farm.

Comments: *Nomen nudum*.



Grammomys Thomas, 1915. *Ann. Mag. Nat. Hist.* (8)16: 150.

Synonyms: *Thamnomys*.



Grammomys dolichurus Smuts, 1832. *Dissertation Zoologica,*

Enumerationem Mammalium Capensium: 38. Common grammomys.

Type locality: near Cape Town.

Additional references: Roberts (1931).



Lemniscomys rosalia Thomas, 1904. *Ann. Mag. Nat. Hist.*, Series 7, 13: 414. Single-striped lemniscomys.

Synonyms: *dorsalis*; *griselda*.

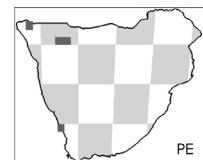
Additional references: Smith (1849).



Mastomys Thomas, 1915. *Ann. Mag. Nat. Hist.*, Series 8, 16: 477.

Synonyms: *Praomys*.

Additional references: Britton-Davidian *et al.* (1995); Granjon *et al.* (1997); Grubb (2004); Taylor (2000).



Mastomys coucha Smith, 1834. *Report of the Expedition for Exploring Central Africa*: 43. Southern African mastomys.

Synonyms: *Praomys*; *natalensis*.

Type locality: between Orange River and Tropic of Capricorn.

Additional references: Bronner *et al.* (2007); Dippenaar *et al.* (1993); Smit and Van der Bank (2001).

Comments: this material was originally identified as *M. natalensis* at a time when *M. coucha* was not recognised as a separate species.



Mastomys natalensis Smith, 1834. *S. Afr. Quart. J.*, Series 2, 2: 146. Natal mastomys.

Synonyms: *Praomys*.

Type locality: Port Natal = Durban.

Additional references: Bronner *et al.* (2007); Dippenaar *et al.* (1993); Green *et al.* (1980); Smit and Van der Bank (2001); Smith (1849).

Comments: see comment under *M. coucha* above.



Micaelamys Ellerman, 1941. *Families and Genera of Living Rodents* 2: 170. Synonyms: *Aethomys*.

Type locality: not given by Ellerman (1941) but presumably Deelfontein since this is the type locality of the type species *M. granti*.



Micaelamys namaquensis Smith, 1834. *S. Afr. Quart. J.*, Series 2, 2: 160. *Namaqua micaelamys*.

Synonyms: *Aethomys*; *lehocla*.

Type locality: Cape of Good Hope: restricted to Witwater.

Additional references: Chimimba (2001); Chimimba and Dippenaar (1994); Roberts (1926, 1946); Russo (2009); Smith (1849); Visser and Robinson (1986).



Mus Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 59.

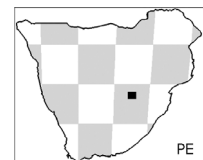
Additional references: Britton-Davidian *et al.* (2012); Veyrunes *et al.* (2005).



†***Mus major*** Broom, ?unpublished.

Type locality: Bolt's Farm.

Comments: *Nomen nudum*?



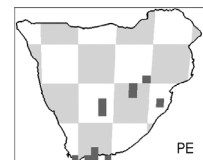
Mus minutoides Smith, 1834. *S. Afr. Quart. J.*, Series 2, 2: 147. Southern African pygmy mouse.

Synonyms: *Leggada*.

Type locality: Cape Town.

Additional references: Britton-Davidian *et al.* (2012).

Comments: some of the specimens from the more arid areas may be *M. indutus*, but see comment under that species.



Mus triton Thomas, 1909. *Ann. Mag. Nat. Hist.*, Series 8, 4: 548. Grey-bellied mouse.

Additional references: Britton-Davidian *et al.* (2012).



Myomyscus verreauxii Smith, 1834. *S. Afr. Quart. J.*, Series 2, 2: 146.

Verreaux's white-footed rat.

Synonyms: *Praomys*; *Myomys*; *colonus*.

Type locality: near Cape Town.

Additional references: Grubb (2004); Smith (1849).



Pelomys fallax Peters, 1852. *Bericht Verhandl. K. Preuss. Akad. Wiss. Berlin* 17: 275. East African pelomys.

Type locality: Caia District.



Rhabdomys Thomas, 1916. *Ann. Mag. Nat. Hist.*, Series 8, 18: 69.



Rhabdomys dilectus De Winton, 1896. *Proc. Zool. Soc. Lond.* 1896: 803. Mesic four-striped grass rat.

Type locality: Mazoe.

Comments: *Rhabdomys dilectus* is again regarded (Wilson and Reeder 2005) as a separate species from *R. pumilio*, but at the time that most of the fossil material was identified only *R. pumilio* was recognised as a full species. No fossil material has yet been identified as *R. dilectus*, but see comments under *R. pumilio* below.

Rhabdomys pumilio Sparrman, 1784. *K. Svenska Vet.-Akad. Handl.*: 236. Xeric four-striped grass rat.

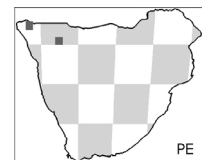
Type locality: Slangrivier: east of Knysna.

Additional references: Castiglia *et al.* (2012); Le Grange *et al.* (2015); Roberts (1946); Smith (1849); Wroughton (1905).

Comments: samples recorded here should be regarded as belonging to *Rhabdomys pumilio sensu lato* and are very likely to include some material that would currently be regarded as *R. dilectus*.

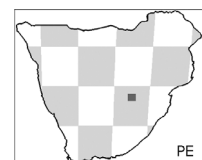


Thallomys Thomas, 1920. *Ann. Mag. Nat. Hist.*, Series 9, 5: 141.



†***Thallomys debruyni*** Broom, 1948. *Ann. Transvaal Mus.* 21: 35.

Type locality: Taung Hrdlicka's Cave.



Thallomys paedulus Sundevall, 1846. *Ofv. K. Svenska Vet.-Akad. Forhandl.* 3: 120.

Synonyms: *Acacia thallomys*.

Type locality: provisionally fixed as Crocodile Drift, Brits.

Additional references: Taylor (2000); Taylor *et al.* (1995).

Comments: this material was identified as *T. paedulus* at a time when only the one species was recognised, but some would now almost certainly be identified as *T. nigricauda*.

Zelotomys Osgood, 1910. *Field Mus. Nat. Hist. Publ., Zool. Series* 10: 7.



Zelotomys woosnami Schwann, 1906. *Proc. Zool. Soc. Lond.* 1906: 108.

Woosnam's zelotomys.

Type locality: Molopo River.



Subfamily: †Myocricetodontinae

†***Myocricetodon*** Lavocat, 1952. *C. R. Acad. Sci. Paris*, 235: 190.



Subfamily: Otomyinae

†***Myotomys campbelli*** Broom and Schepers, 1946. *Transvaal Mus. Mem.* 2: 29.

Type locality: Taung.



Myotomys sloggetti Thomas, 1902. *Ann. Mag. Nat. Hist., Series* 7, 10: 311. Rock karoo rat.

Synonyms: *Otomys*.

Type locality: Deelfontein.

Additional references: Taylor *et al.* (2004).

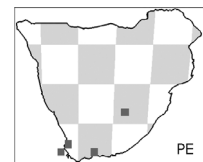


Myotomys unisulcatus Cuvier, 1829. In: Geoffroy Saint-Hilaire and Cuvier, *Histoire Naturelle des Mammifères*: 6 LX *Otomys cafre*. Bush karoo rat.

Synonyms: *Euryotis*; *Otomys*.

Type locality: Matjiesfontein.

Additional references: Edwards (2009); Edwards *et al.* (2011); Smith (1849); Taylor *et al.* (1989, 2004).



Otomys Cuvier, 1825. *Des Dents des Mammifères Considérées comme Caractères Zoologiques*: 168.

Additional references: Chevret *et al.* (1993b); Maree (2002); Meester *et al.* (1992).

Comments: many specimens identified as *Otomys* sp. were identified at a time when *Myotomys* was not recognised as a separate genus. For this reason, distributions that rely on material not identified to species have not been mapped, pending further identification.

Otomys angoniensis Wroughton, 1906. *Ann. Mag. Nat. Hist., Series 7*, 18: 274. Angoni vlei rat.

Additional references: Bronner and Meester (1988); Taylor *et al.* (2004).



†***Otomys gracilis*** Broom, 1937. *S. Afr. J. Sci.* 33: 761.

Synonyms: *Palaeotomys*.

Type locality: Schurveberg.

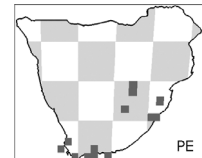


Otomys irroratus Brants, 1827. *Het Geslacht der Muizen door Linnaeus Opgesteld*: 94. Southern African vlei rat.

Synonyms: *Euryotis*; *Mus*.

Type locality: Cape Town District.

Additional references: Bronner *et al.* (1988); Engelbrecht *et al.* (2011); Smith (1849); Taylor (2000); Taylor *et al.* (1989, 2009).



Otomys laminatus Thomas and Schwann, 1905. *Abst. Proc. Zool. Soc. Lond.* 1905(j)(18): 23. KwaZulu vlei rat.

Type locality: Sibudeni.

Additional references: Roberts (1919, 1932).

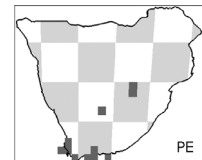


Otomys saundersiae Roberts, 1929. *Ann. Transvaal Mus.* 13: 114. Saunders' vlei rat.

Synonyms: *karoensis*.

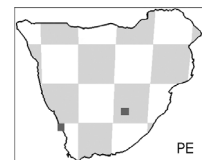
Type locality: Grahamstown.

Additional references: Roberts (1931); Taylor *et al.* (1993, 2009).



Parotomys Thomas, 1918. *Ann. Mag. Nat. Hist., Series 9*, 2: 205.

Additional references: Maree (2002); Meester *et al.* (1992).



Parotomys brantsii Smith, 1834. *S. Afr. Quart. J., Series 2*, 2: 150. Brants' whistling rat.

Synonyms: *Euryotis*.

Type locality: 'towards the mouth of the Orange River'.

Additional references: Rookmaker and Meester (1988); Smith (1849); Taylor *et al.* (1989, 2004).



Parotomys littledalei Thomas, 1918. *Ann. Mag. Nat. Hist., Series 9*, 2: 205. Littledale's whistling rat.

Type locality: Tuin Kenhardt.

Additional references: Roberts (1933); Taylor *et al.* (1989, 2004).



Suborder: Anomaluomorpha

FAMILY: PEDETIDAE

Pedetes Illiger, 1811. *Prodromus Systematis Mammalium et Avium*: 81.

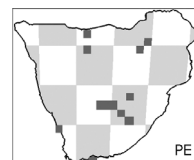


Pedetes capensis Forster, 1778. *K. Svenska Vet.-Akad. Handl.* 39: 109.

South African spring hare.

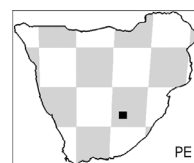
Type locality: Cape of Good Hope.

Additional references: Roberts (1946).



†*Pedetes hagenstadtii* Dreyer and Lyle, 1931. *New Fossil Mammals and Man from South Africa*: 40.

Type locality: Florisbad.

**Suborder: Hystricomorpha**

FAMILY: BATHYERGIDAE

Subfamily: Bathyerginae

Bathyergus Illiger, 1811. *Prodromus Systematis Mammalium et Avium*: 86.

Additional references: De Graaff (1965); Faulkes *et al.* (2004).



Bathyergus janetta Thomas and Schwann, 1904, *Abstr. Proc. Zool. Soc. Lond.* 2: 6. Namaqua dune mole-rat.

Type locality: Port Nolloth.

Additional references: Thomas and Schwann (1904b).



Bathyergus suillus Schreber, 1782. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* 4: 714. Cape dune mole-rat.

Type locality: Cape of Good Hope.

Comments: volume 4 was published in 1792 according to the version reproduced in the Biodiversity Heritage Library (www.biodiversitylibrary.org/item/135004#page/137/mode/1up; accessed 19 May 2017) and 'Der Sandmoll' is discussed on pp. 715–716, not 714, and *Mus suillus* is listed on p. 932. Plate 204B appears in an undated volume containing plates 166–280 (www.biodiversitylibrary.org/item/97330#page/125/mode/1up). Bennett *et al.* (2009) give the reference for this species as Schreber, J.C.D. 1782. *Die Säugthiere in Abbildungen nach der Natur, mit Beschreibungen. Supplementband III [Dritte Abtheilung: Die Beutelthiere und Rage]*. Wolfgang Walther, Erlangen, Germany. This publication was not seen.



Cryptomys Gray, 1864. *Proc. Zool. Soc. Lond.* 1864: 124.

Additional references: De Graaff (1965); Faulkes *et al.* (2004); Ingram *et al.* (2004); Kock *et al.* (2006); Thomas (1917).

Comments: some specimens previously identified as *Cryptomys* sp. may be referable to *Fukomys* sp. as currently understood.



Cryptomys hottentotus Lesson, 1826. *Zool.* 1: 166. Southern African mole-rat.

Type locality: near Paarl.

Additional references: Avery (2004); Denys (1988a); Roberts (1913, 1946).

Comments: it is possible that some of the material may be referable to *Fukomys damarensis*, which was not recognised as a separate species when many of the samples were identified.



†***Cryptomys robertsi*** Broom, 1937. *S. Afr. J. Sci.* 33: 760.

Type locality: Schurveberg.

Comments: it has been suggested that this taxon is inseparable from *Georychus capensis* (Avery, 1998).



Georychus Illiger, 1811. *Prodromus Systematis Mammalium et Avium*: 87.

Additional references: De Graaff (1965); De Winton (1898); Faulkes *et al.* (2004); Gray (1864a); Thomas (1895b, 1917).

Comments: these should almost certainly be assigned to *G. capensis*.



Georychus capensis Pallas, 1778. *Njova. Spec. Quad. Glir. Ord.* 76: 172. Cape mole-rat.

Type locality: Cape of Good Hope.

Additional references: Bennett *et al.* (2006, 2016).

Comments: the Holocene occurrence in 2032 may be considered unlikely: this taxon is currently endemic to South Africa (Maree *et al.* 2017), whereas *Cryptomys hottentotus* occurs in southern Zimbabwe (Maree and Faulkes 2016).

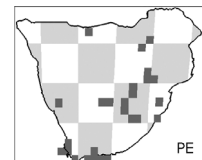


FAMILY: HYSTRICIDAE

Subfamily: Hystricinae

Hystrix africae australis Peters, 1852. *Reise nach Mossambique, Säugethiere*: 170. Cape porcupine.

Additional references: Maguire (1976).



Hystrix cristata Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 56. Crested porcupine.

Additional references: Maguire (1976).

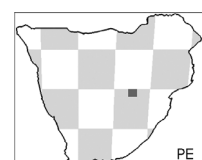


†***Hystrix makapanensis*** Greenwood, 1958. *Ann. Mag. Nat. Hist.*, Series 13, 1: 365.

Synonyms: *major*.

Type locality: Limeworks Makapansgat.

Additional references: Adams (2012a); Greenwood (1955).



FAMILY: PETROMURIDAE

Petromus Smith, 1831. *S. Afr. Quart. J.* 1(5): 10



Petromus typicus Smith, 1831. *S. Afr. Quart. J.* 1(5): 11. Dassie rat.
Type locality: 'Mountains towards mouth of Orange River'.
Additional references: Roberts (1938, 1946); Smith (1849).



FAMILY THRYONOMYIDAE

Thryonomys Fitzinger, 1867. *Sitzb. Akad. Wiss. Wien* 56(1): 141.



Thryonomys swinderianus Temminck, 1827. *Monographies de Mammalogie* 1: 248. Greater cane rat.
Additional references: Van der Merwe (2007).



ORDER: LAGOMORPHA

FAMILY: LEPORIDAE

Bunolagus monticularis Thomas, 1903. *Ann. Mag. Nat. Hist., Series 7*, 11: 78. Riverine rabbit.

Synonyms: *Lepus*.

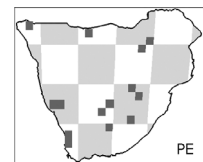
Type locality: Deelfontein.

Additional references: Robinson and Dippenaar (1987); Robinson and Matthee (2005); Robinson and Skinner (1983).



Lepus Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 57.

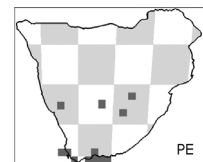
Additional references: Robinson and Dippenaar (1987); Robinson and Matthee (2005).



Lepus capensis Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 58. Cape hare.

Type locality: Cape of Good Hope.

Additional references: Roberts (1932).



Lepus saxatilis Cuvier, 1823. *Dict. Sci. Nat.* 26: 309. Scrub hare.

Type locality: 'à trois journées au nord du cap de Bonne-Espérance' (north of Cape of Good Hope).

Additional references: Kolbe (1948); Roberts (1932); Robinson and Dippenaar (1983).



Pronolagus Lyon, 1904. *Smithson. Misc. Coll.* 45: 416.

Additional references: Robinson and Matthee (2005).



Pronolagus crassicaudatus Geoffroy Saint-Hilaire, 1832. *Mag. Zool. Paris* 2: cl. 1, pl. 9 and text. Natal red rock hare.

Synonyms: *Oryctolagus*.

Type locality: 'Port Natal' (Durban).



Pronolagus randensis Jameson, 1907. *Ann. Mag. Nat. Hist., Series 7*, 20: 404. Jameson's red rock hare.

Type locality: 'Observatory Kopje Johannesburg'.



Pronolagus rupestris Smith, 1834. *S. Afr. Quart. J., Series 2*, 2: 174.

Smith's red rock hare.

Synonyms: *crassicaudatus*.

Type locality: Probably Van Rhynsdorp District.

Additional references: Roberts (1938).



ORDER: ERINACEOMORPHA

FAMILY: ERINACEIDAE

Subfamily: Erinaceinae

Atelerix frontalis Smith, 1831. *S. Afr. Quart. J.* 1(5): 10, 29. Southern African hedgehog.

Synonyms: *Erinaceus capensis*.

Type locality: northern parts of the Graaff Reinet district.

Additional references: Smith (1830, 1838, 1849).



†***Erinaceus broomi*** Butler and Greenwood, 1973. *Foss. Vert. Afr.* 3: 7–42.

Synonyms: *Atelerix major*.

Type locality: Bolt's Farm (*A. major*).

Additional references: Broom (1937b, 1948a).



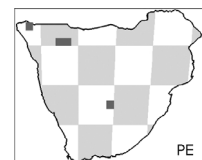
ORDER: SORICOMORPHA

FAMILY: SORICIDAE

Subfamily: Crocidurinae

Crocidura Wagler, 1832. *Isis von Oken* 25: 275.

Additional references: Butler *et al.* (1989); Jenkins *et al.* (1998); Meester (1953a, 1961b, 1963); Meester *et al.* (1985).



Crocidura cyanea Duvernoy, 1838. *Mem. Soc. Hist. Nat. Strasbourg* 2: 2. Reddish-grey musk shrew.

Type locality: Citrusdal Citrusdal *vide* Shortridge (1942: 27).



Crocidura flavescens Geoffroy Saint-Hilaire, 1827. *Dict. Class. Hist. Nat.*

11: 324. Greater red musk shrew.

Synonyms: *Sorex*; *capensis*.

Type locality: King William's Town.

Additional references: Smith (1849).



Crocidura fuscomurina Heuglin, 1865. *Nov. Acta Acad. Caes. Leop.-Carol.*

32: 36. Bicolored musk shrew.

Synonyms: *bicolor*.

Additional references: Hutterer (1983).



Crocidura hirta Peters, 1852. *Reise nach Mossambique, Säugethiere*: 78.

Lesser red musk shrew.

Type locality: Tete.



Crocidura mariquensis Smith, 1844. *Illustrations of the Zoology of South Africa*: pl. 44, fig. 1. Swamp musk shrew.

Synonyms: *Sorex*.

Type locality: near Marico River.

Additional references: Dippenaar (1977, 1979); Meester (1964b); Smith (1849).



Comments: citation as given in Wilson and Reeder (2005). There is clearly considerable uncertainty surrounding the publication dates of Smith's *Illustrations of South African Zoology* (Low and Evenhuis 2014).

Crocidura silacea Thomas, 1895. *Ann. Mag. Nat. Hist.*, Series 6, 16: 53.

Lesser grey-brown musk shrew.

Type locality: Figtree Creek.



†***Crocidura taungensis*** Broom, 1948. *Ann. Transvaal Mus.* 21: 10.

Synonyms: *Suncus*.

Type locality: Taung.

Additional references: Meester (1954).



Suncus Ehrenberg, 1832. In Hemprich and Ehrenberg, *Symbolae Physicae, seu, Icones et Descriptiones* 2: k.

Additional references: Jenkins *et al.* (1998); Meester (1953a); Meester and Lambrechts (1971); Meester and Meyer (1972); Quérrouil *et al.* (2001).

Comments: there is doubt about authorship of this series of publications.

See discussion on www.zoonomen.net/mamntax/cit/jours.html.



Suncus infinitesimus Heller, 1912. *Smithson. Misc. Coll.* 60(12): 5. Least dwarf shrew.



Suncus lixus Thomas, 1897. *Proc. Zool. Soc. Lond.* 1897: 930. Greater dwarf shrew.

Synonyms: *Crocidura*.



Suncus varilla Thomas, 1895. *Ann. Mag. Nat. Hist., Series 6*, 16: 54. Lesser dwarf shrew.

Type locality: East London.

Additional references: Roberts (1946).



Subfamily: Myosoricinae

Myosorex Gray, 1837. *Proc. Zool. Soc. Lond.* 1837: 124.

Additional references: Matthews and Stynder (2011b); Meester (1953a, 1958); Quérroul *et al.* (2001); Willows-Munro and Matthee (2009).



Myosorex cafer Sundevall, 1846. *Ofv. K. Svenska Vet.-Akad. Forhandl.* 3: 119. Dark-footed mouse shrew.

Synonyms: *tenuis*.

Type locality: 'E Caffraria interiore et Port-Natal'.

Additional references: Avery (1998).



†***Myosorex robinsoni*** Meester, 1954. *Ann. Transvaal Mus.* 22: 272.

Type locality: Swartkrans.

Additional references: Butler (2010); Butler and Greenwood (1979).



Myosorex varius Smuts, 1832. *Dissertation Zoologica, Ennumerationem Mammalium Capensium*: 108. Forest shrew.

Synonyms: *Sorex*.

Type locality: Algoa Bay, Port Elizabeth.

Additional references: Roberts (1924); Smith (1849).



ORDER: CHIROPTERA

Suborder: Microchiroptera

FAMILY: RHINOLOPHIDAE

Rhinolophus Lacépède, 1799. *Tableau des Divisions, Sous-divisions, Ordres, et Genres des Mammifères*: 15.

Additional references: Andersen (1905); Taylor *et al.* (2012).

Comments: Lacépède, 1799 not seen. Citation according to Wilson and Reeder (2005).



Rhinolophus blasii Peters, 1866. *Monatsb. K. Preuss. Akad. Wiss. Berlin* 1866: 17. Blasius' horseshoe bat.



Rhinolophus capensis Lichtenstein, 1823. *Verzeichniss der Doubletten des zoologischen Museums der Königl. Universität zu Berlin*: 4. Cape horseshoe bat.

Type locality: Cape of Good Hope.



Rhinolophus clivosus Cretzschmar, 1826. In: Rüppell, *Atlas zu der Reise im nördlichen Afrika Zoologie*: 47. Geoffroy Saint-Hilaire's horseshoe bat.
Synonyms: *geoffroyi*.



Rhinolophus darlingi Andersen, 1905. *Ann. Mag. Nat. Hist., Series 7*, 15: 70. Darling's horseshoe.

Type locality: Mazoe.



Rhinolophus hildebrandtii Peters, 1878. *Monatsb. K. Preuss. Akad. Wiss. Berlin* 1878: 195. Hildebrandt's horseshoe bat.

Additional references: Taylor *et al.* (2012).



FAMILY: HIPPOSIDERIDAE

Hipposideros Gray, 1831. *Zoological Miscellany* 1: 37.



Hipposideros caffer Sundevall, 1846. *Ofv. K. Svenska Vet.-Akad. Forhandl.* 3: 118. Sundevall's leaf-nosed bat.



Hipposideros gigas Wagner, 1845. *Arch. Naturgesch.* 11(1): 148. Giant leaf-nosed bat.



Hipposideros vittatus Peters, 1852. *Naturwissenschaftliche Reise nach Mossambique*: 32. Striped leaf-nosed bat.

Synonyms: *Rhinolophus*; *commersoni*.

Additional references: Geoffroy Saint-Hilaire (1813); Thomas (1904a).



FAMILY: NYCTERIDAE

Nycteris Geoffroy Saint-Hilaire and Cuvier, 1795. *Mag. Encyclop.* 2: 186.



Nycteris thebaica Geoffroy Saint-Hilaire, 1818. *Description des Mammifères qui se trouvent en Egypte* 2: 119. Egyptian slit-faced bat.
Additional references: Gray *et al.* (1999).



FAMILY: EMBALLONURIDAE

Taphozous Geoffroy Saint-Hilaire, 1818. *Description des Mammifères qui se trouvent en Egypte* 2: 113.



FAMILY: MOLOSSIDAE

Subfamily: Molossinae

Tadarida Rafinesque, 1814. *Précis des découvertes et travaux somnologiques*: 55.



Tadarida aegyptiaca Geoffroy Saint-Hilaire, 1818. *Description des Mammifères qui se trouvent en Egypte* 2: 128. Egyptian free-tailed bat.



FAMILY: VESPERTILIONIDAE

Subfamily: Vespertilioninae

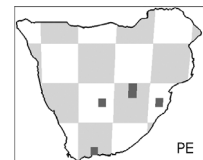
Eptesicus Rafinesque, 1820. *Ann. Nature* 1: 2.

Comments: distribution of material assigned only to genus has been disregarded because it may well belong to *Neoromicia* as presently understood.

Eptesicus hottentotus Smith, 1833. *S. Afr. Quart. J.*, Series 2, 1: 59. Long-tailed serotine.

Type locality: Uitenhage.

Additional references: Hill and Harrison (1987); Kearney *et al.* (2002).



Glauconycteris variegata Tomes, 1861. *Proc. Zool. Soc. Lond.* 1861: 36. Variegated butterfly bat.



Neoromicia capensis Smith, 1829. *Zool. J.* 4: 435. Cape serotine.

Additional references: Riccucci and Lanza (2008).



Scotophilus nigrita Schreber, 1775. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* 1: 171. Giant house bat.

Synonyms: *dinganii*.

Additional references: Robbins (1978); Robbins *et al.* (1985).

Comments: volume 1 was published in 1775 (not 1774) according to the version obtained from the University of Heidelberg (<http://digi.ub.uni-heidelberg.de/schreber1875textbd>) and *Vespertilio nigrita* is listed on p. 190. Plate 58 appears in an undated volume containing plates 1–80 (www.biodiversitylibrary.org/item/97331#page/279/mode/1up).



Subfamily: Myotinae

Cistugo lesueurii Roberts, 1919. *Ann. Transvaal Mus.* 6: 112. Lesueur's wing-gland bat.

Synonyms: *Myotis*.

Type locality: Lormarins.

Additional references: Kearney and Van Schalkwyk (2009).



Myotis Kaup, 1829. *Skizz. Entwickel.-Gesch. Nat. Syst. Europ. Thierwelt* 1: 106.

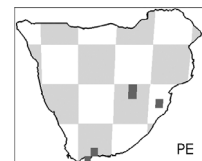
Additional references: Gray (1842).



Myotis tricolor Temminck, 1832. In: Smuts, *Dissertation Zoologica, Enumerationem Mammalium Capensium*: 106. Temminck's myotis.

Type locality: Cape Town.

Additional references: Kearney *et al.* (2002).



Myotis welwitschii Gray, 1866. *Proc. Zool. Soc. Lond.* 1866: 211.

Welwitsch's myotis.

Synonyms: *Scotophilus*.

Additional references: Gray (1866); Ratcliffe (2002).



Subfamily: Miniopterinae

Miniopterus Bonaparte, 1837. *Iconografia della Fauna Italica* 1: fasc. 20.

Additional references: Miller-Butterworth *et al.* (2007).



Miniopterus schreibersii Kuhl, 1817. *Die Deutschen Fledermäuse*: 14.

Schreibers's long-fingered bat.

Additional references: Miller-Butterworth *et al.* (2005); Smith (1849).

Comments: some of the material would perhaps now be assigned to *Miniopterus natalensis*, which was previously considered to be a subspecies of *M. schreibersii*.



ORDER: PHOLIDOTA

FAMILY: MANIDAE

Subfamily: Smutsiinae

Smutsia Gray, 1865. *Proc. Zool. Soc. Lond.* 1865: 360.

Synonyms: *Manis*.

Additional references: Gaudin *et al.* (2009).



Smutsia temminckii Smuts, 1832. *Dissertation Zoologica, Enumerationem Mammalium Capensium*: 54. Ground pangolin.

Synonyms: *Manis*.

Type locality: Latakou = Litakun.

Additional references: Gaudin (2010); Gaudin *et al.* (2009); Gray (1865b); Smith (1849); Sundevall (1842).



ORDER: CARNIVORA

Suborder: Feliformia

FAMILY: FELIDAE

Subfamily: Felinae

Acinonyx jubatus Schreber, 1775. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* 2(14): pl. 105 [1775], also see text 3 (22): 392 [1777]. Cheetah.

Type locality: Cape of Good Hope.

Additional references: Krausman and Morales (2005).

Comments: citation according to Wilson and Reeder (2005). Volume 3 was published in 1778 according to the version reproduced in the Biodiversity Heritage Library (www.biodiversitylibrary.org/item/135003#page/120/mode/1up) and *Felis jubata* is listed on p. 586. Plate 105 appears in an undated volume containing plates 81–165 (www.biodiversitylibrary.org/item/97341#page/107/mode/1up).



Caracal caracal Schreber, 1776. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* 3(16): pl. 110 [1776], see also text 3(24): 413, 587 [1777]. Caracal.

Synonyms: *Felis*.

Type locality: Table Mountain, near Cape Town.

Additional references: Roberts (1926); Werdelin and Peigné (2010).

Comments: citation according to Wilson and Reeder (2005). Volume 3 was published in 1778 according to the version reproduced in the Biodiversity Heritage Library (www.biodiversitylibrary.org/item/135003#page/141/mode/1up) and *Felis caracal* is listed on p. 587.

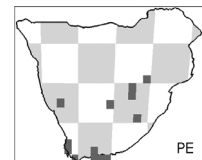


Plate 110 appears in an undated volume containing plates 81–165 (www.biodiversitylibrary.org/item/97341#page/131/mode/1up).

†*Dinofelis aronoki* Werdelin and Lewis, 2001. *Zool. J. Linn. Soc.* 132: 239, 250.

Synonyms: *Therailurus*.

Additional references: Hemmer (1965); Lacruz *et al.* (2006); O'Regan and Menter (2009); O'Regan and Steininger (2017).

Comments: the material from Cooper's was originally assigned to *D. piveteaui* (Ewer 1955c) by O'Regan and Menter (2009).



Dinofelis barlowi Broom, 1937. *S. Afr. J. Sci.* 33: 757.

Synonyms: *Machaerodus*; *Megatereon*; *Therailurus*; *darti*; *transvaalensis*.

Type locality: Sterkfontein.

Additional references: Collings (1973); Collings *et al.* (1976); Cooke (1991); Ewer (1955c, 1957a); Hemmer (1965); Lacruz *et al.* (2006).



†*Dinofelis piveteaui* Ewer, 1955. *Proc. Zool. Soc. Lond.* 125: 588.

Synonyms: *Therailurus*.

Additional references: Piveteau (1948).



Felis Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 41.

Comments: material identified as *Felis* sp. has not been mapped because, in many cases, this identification included what are currently ascribed to other genera such as *Leptailurus* and *Caracal*.

†*Felis crassidens* Broom, 1948. *Ann. Transvaal Mus.* 21: 14.

Type locality: Kromdraai.



Felis nigripes Burchell, 1824. *Travels in the Interior of Southern Africa* 2: 592. Black-footed cat.

Type locality: implied country of the 'Bachapins', presumably in the capital Litákun: Letárkoon.

Additional references: Renard *et al.* (2015); Roberts (1926).

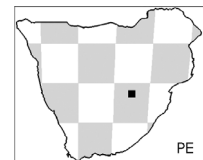


†*Felis shawi* Broom, 1948. *Ann. Transvaal Mus.* 21(1): 14.

Synonyms: *Panthera*.

Type locality: Sterkfontein.

Additional references: Ewer (1956a).

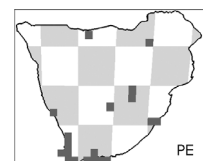


Felis silvestris Schreber, 1777. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* 3(23): 397. Wild cat.

Synonyms: *libyca*.

Additional references: Grubb (2004).

Comments: volume 3 was published in 1778 according to the version reproduced in the Biodiversity Heritage Library (www.biodiversitylibrary.org/item/135003#page/125/mode/1up)



and *Felis catus* is listed on p. 587. Plate 107 appears in an undated volume containing plates 81–165 (www.biodiversitylibrary.org/item/97341#page/115/mode/1up).

†*Homotherium crenatidens* Weithofer, 1889. *Jahrbuch der Kaiserlich Königlich Geologischen Reichsanstalt* 39(1): 65.

Synonyms: *Machairodus*; *latidens*.

Comments: there appears to be disagreement as to which species of *Homotherium* is represented at Sterkfontein: Turner (1987a) considers the material to be *H. crenatidens*, whereas Reynolds (2010b) assigns it to *H. latidens*.



Leptailurus serval Schreber, 1776. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* 3(16): pl. 108 [1776], see also text 3 (23): 407[1777]. Serval.

Synonyms: *Felis*; *spelaeus*.

Type locality: restricted to the 'Cape region of South Africa'.

Additional references: Werdelin and Peigné (2010).

Comments: citation according to Wilson and Reeder (2005). Volume 3 was published in 1778 according to the version reproduced in the Biodiversity Heritage Library (www.biodiversitylibrary.org/item/135003#page/135/mode/1up) and *Felis serval* is listed on p. 587. Plate 107 appears in an undated volume containing plates 81–165 (www.biodiversitylibrary.org/item/97341#page/125/mode/1up).



Subfamily: †Machairodontinae

†*Megantereon gracile* Broom, 1948. *Ann. Transvaal Mus.* 21: 11.

Type locality: Sterkfontein.



†*Megantereon whitei* Broom, 1937. *S. Afr. J. Sci.* 33: 756.

Synonyms: *Felis*; *cultridens*.

Type locality: Schurveberg.

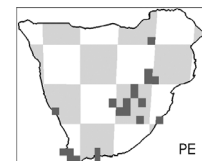
Additional references: Broom (1939c, 1946); Hartstone-Rose *et al.* (2007); Turner (1987b); Werdelin and Peigné (2010).



Subfamily: Pantherinae

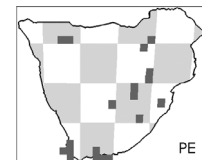
Panthera leo Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 41. Lion.

Additional references: Haas *et al.* (2005); Lacruz (2009).



Panthera pardus Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 41. Leopard.

Additional references: Ewer (1956a).



FAMILY: HERPESTIDAE

†*Atilax mesotes* Ewer, 1956. *Proc. Zool. Soc. Lond.* 126: 259–274.
Synonyms: *Herpestes*.



Atilax paludinosus Cuvier, 1829. *Le Règne Animal distribué d'après son Organisation*, Nouvelle édition, 1: 158. Marsh mongoose.

Synonyms: *Herpestes*.

Type locality: Cape of Good Hope.

Additional references: Baker (1992); Cuvier (1824).



†*Crossarchus transvaalensis* Broom, 1937. *Ann. Mag. Nat. Hist.*, Series 10, 20: 512.

Type locality: Bolt's Farm.

Additional references: Broom (1939c); Werdelin and Peigné (2010).



Cynictis penicillata Cuvier, 1829. *Le Règne Animal distribué d'après son Organisation*, Nouvelle édition 1: 158. Yellow mongoose.

Synonyms: *lepturus*; *ogilbyii*.

Type locality: restricted to 'Uitenhage, CP'.

Additional references: Ewer (1956a, 1957a); Lundholm (1954); Roberts (1932); Smith (1849); Taylor and Meester (1993).



Galerella pulverulenta Wagner, 1839. *Gelehrte. Anz. I. K. Bayer. Akad. Wiss. München* 9: 426. Cape grey mongoose.

Type locality: Cape of Good Hope.

Additional references: Cavallini (1992); Lynch (1981).



Galerella sanguinea Rüppell, 1835. *Neue Wirbelthiere zu der Fauna von Abyssinien gehörig.* 1: 27. Slender mongoose.

Synonyms: *Herpestes sanguineus*; *punctulatus*.

Additional references: Gray (1849); Roberts (1932); Taylor (1975).



Herpestes Illiger, 1811. *Prodromus Systematis Mammalium et Avium*: 135.

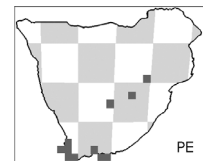
Additional references: Hendey (1973a); Werdelin and Peigné (2010).

Comments: this genus has not been mapped because material was identified at a time when *Galerella*, as currently understood, was not recognised as a separate genus.

Herpestes ichneumon Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 43. Egyptian mongoose.

Synonyms: *Ichneumon ratlamuchi*; *Herpestes badius*.

Additional references: Smith (1838, 1849).



Ichneumia albicauda Cuvier, 1829. *Le Règne Animal distribué d'après son Organisation*, Nouvelle édition, 1: 158. White-tailed mongoose.

Additional references: Geoffroy Saint-Hilaire (1837); Taylor (1972).



Mungos mungo Gmelin, 1788. In: Linnaeus, *Systema Naturae*, 13th edition, 1: 84. Banded mongoose.

Type locality: believed to be eastern part of South Africa, (former) Cape Province.



Rhynchogale Thomas, 1894. *Proc. Zool. Soc. Lond.* 1894: 139



†***Suricata major*** Hendeby, 1974. *Ann. S. Afr. Mus.* 63: 267.

Type locality: Elandsfontein.



Suricata suricatta Schreber, 1776. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen*: pl. 117 [1776]. Meerkat.

Type locality: restricted to 'Deelfontein'.

Additional references: Van Staaden (1994).

Comments: citation according to Wilson and Reeder (2005). Version of text volume 3 at (www.biodiversitylibrary.org/item/135003#page/5/mode/1up) is dated 1778, while the volume in which the plate appears is undated (www.biodiversitylibrary.org/item/97341#page/1/mode/1up).



FAMILY: HYAENIDAE

†***Lycyaenops silberbergi*** Broom and Schepers, 1946. *Transvaal Mem. Mus.* 2: 83.

Synonyms: *Chasmaporthetes*; *Lycyaena*.

Type locality: Sterkfontein.

Additional references: Broom (1948a); Werdelin and Peigné (2010).



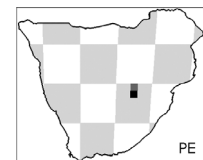
Subfamily: Hyaeninae

†***Chasmaporthetes nitidula*** Ewer, 1955. *Proc. Zool. Soc. Lond.* 124: 842.

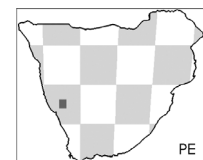
Synonyms: *Euryboas*; *Lycyaeon*.

Type locality: Sterkfontein.

Additional references: Hendeby (1978a).



Crocota Kaup, 1828. *Oken's Isis. Encyclop. Zeit.* 21(11): col. 1145



Crocota crocota Erxleben, 1777. *Systema Regni Animalia per Classes* 1: 578. Spotted hyaena.

Synonyms: *spelaea*; *venustula*.

Additional references: Broom (1939c); Ewer (1955a); Turner (1984); Werdelin and Solounias (1991).



†*Crocota ultra* Ewer, 1954. *Proc. Zool. Soc. Lond.* 124: 570.

Type locality: Kromdraai.



Hyaena hyaena Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 40. Striped hyaena.

Synonyms: *striata*.

Additional references: Turner (1988).



†*Pachycrocota brevisrostris* Gervais, 1850. *Zool. Paléontol. Françaises* 1: 122.

Synonyms: *Hyaena bellax*.

Additional references: Alba *et al.* (2015); Ewer (1954, 1956b); Mutter *et al.* (2001); Turner and Antón (1996); Werdelin and Peigné (2010).

Comments: according to Alba *et al.* (2015), this taxon has long been incorrectly attributed to Aymard since his 1846 paper neither describes nor names the taxon.



Parahyaena brunnea Thunberg, 1820. *K. Svenska Vet.-Akad. Handl.*, Series 3, 8: 59. Brown hyaena.

Synonyms: *Hyaena*.

Type locality: Cape of Good Hope.

Additional references: Grubb (2004); Hendey (1973a); Mills (1982); Werdelin and Peigné (2010).



Subfamily: Protelinae

Proteles cristata Sparrman, 1783. *Resa Goda-Hopps-Udden, Soedra Polkretsen Och Omkring Jordklotet*: 581. Aardwolf.

Synonyms: *cristatus*; *lalandii*.

Type locality: listed as 'Near Little Fish River, Somerset East'.



†*Proteles transvaalensis* Hendey, 1974. *Ann. Transvaal Mus.* 29(3): 35.

Type locality: Swartkrans.

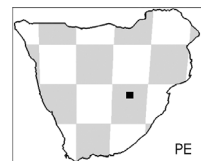


FAMILY: VIVERRIDAE

Subfamily: Viverrinae

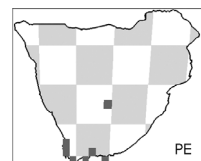
†*Civettictis braini* Fourvel, 2018. *C. R. Palevol.* 17: 369.

Type locality: Kromdraai.



Genetta Cuvier, 1817. *Le Règne Animal distribué d'après son Organisation* 1: 156.

Additional references: De Meneses Cabral (1966); Gaubert *et al.* (2005).



Genetta genetta Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 45. Common genet.

Additional references: Gaubert *et al.* (2005); Larivière and Calzada (2001).



Genetta maculata Gray, 1830. *Spicil. Zool.* 2: 9. Rusty-spotted genet.

Additional references: Crawford-Cabral and Fernandes (2001); Gaubert *et al.* (2003a, 2003b, 2005); Grubb (2004).



Genetta tigrina Schreber, 1776. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* (3)17: pl. 114 [1776]; see also text, 3(25): 425 [1777]. Cape genet.

Type locality: Cape of Good Hope.

Additional references: Gaubert *et al.* (2005); Grubb (2004).



Comments: citation according to Wilson and Reeder (2005). Volume 3 was published in 1778 according to the version reproduced in the Biodiversity Heritage Library (www.biodiversitylibrary.org/item/135003#page/153/mode/1up) and *Viverra tigrina* is listed on p. 587. Plate 114 appears in an undated volume containing plates 81–165 (www.biodiversitylibrary.org/item/97341#page/147/mode/1up).

Suborder: Caniformia

FAMILY: CANIDAE

Subfamily: Caninae

Canis Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 38.

Additional references: Werdelin and Peigné (2010).



Canis adustus Sundevall, 1846. *Ofv. K. Vet.-Akad. Forhandl.* 3: 121. Side-striped jackal.

Type locality: 'Magaliesberg'.



†***Canis antiquus*** Broom, 1937. *Ann. Mag. Nat. Hist.*, Series 10, 20: 511.

Synonyms: *Thos*.

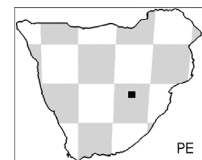
Type locality: Sterkfontein.

Additional references: Broom (1939c); Ewer (1956b).



†***Canis atrox*** Broom, 1948. *Ann. Transvaal Mus.* 21: 19.

Type locality: Kromdraai.



Canis mesomelas Schreber, 1775. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* 2(14): pl. 95 [1775]; text 3(21): 370 [1776], 586 [1777]. Black-backed jackal.

Type locality: Cape of Good Hope.

Comments: citation according to Wilson and Reeder (2005). Volume 3 was published in 1778 according to the version reproduced in the Biodiversity Heritage Library (www.biodiversitylibrary.org/item/135003#page/98/mode/1up) and *Canis mesomelas* is listed on p. 586. Plate 95 appears in an undated volume containing plates 81–165 (www.biodiversitylibrary.org/item/97341#page/57/mode/1up).



Lycaon Brookes, 1827. In Griffiths *et al.*, *The Animal Kingdom Arranged in Conformity with its Organization by the Baron Cuvier* 5: 151.

Additional references: Brookes (1828).

Comments: Griffiths *et al.* attribute this identification to Brookes, whose name they spell Brooks. There appears to be no formal description by Brookes himself.



Lycaon pictus Temminck, 1820. *Ann. Gen. Sci. Phys.* 3: p. 46, pl. 35. African wild dog.

Type locality: 'à la côte de Mosambique'.



†***Lycaon sekowei*** Hartstone-Rose, Werdelin, De Ruiter, Berger and Churchill, 2010. *J. Paleontol.* 84(2): 301.

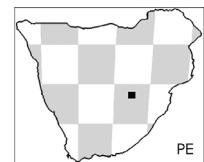
Type locality: Cooper's.



†***Nyctereutes terblanchei*** Broom, 1948. *Ann. Transvaal Mus.* 21(1): 21. Synonyms: *Canis*; *Thos*.

Type locality: Kromdraai.

Additional references: Ficcarelli *et al.* (1984); Reynolds (2012).



Otocyon megalotis Desmarest, 1822. *Mammalogie ou descriptions des espèces de mammifères*, Part 2 (suppl.): 538. Bat-eared fox.

Type locality: Cape of Good Hope.

Additional references: Clark (2005).



†***Otocyon recki*** Pohle, 1928. *Wiss. Ergebnisse Oldoway-Exped, 1913* (N.F.): 45–54



Vulpes chama Smith, 1833. *S. Afr. Quart. J.*, Series 2, 1: 89. Cape fox. Type locality: fixed as 'Port Nolloth'.



†*Vulpes pulcher* Broom, 1939. *Ann. Transvaal Mus.* 19: 336.

Type locality: Kromdraai.

Additional references: Ewer (1956b).



†*Vulpes skinneri* Hartstone-Rose, Kuhn, Nalla, Werdelin and Berger (2013). *Trans. R. Soc. S. Afr.* 68(1): 3.

Type locality: Malapa.



FAMILY: MUSTELIDAE

Subfamily: Lutrinae

Aonyx Lesson, 1827. *Manuel de Mammalogie ou l'Histoire Naturelle des Mammifères*: 147.

Additional references: Werdelin and Peigné (2010).

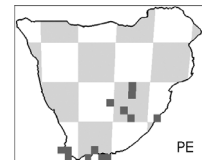


Aonyx capensis Schinz, 1821. In: Cuvier, *Das Thierreich eingetheilt nach dem Bau der Thiere* 1: 211. African clawless otter.

Synonyms: *robustus*.

Type locality: (former) Cape Province.

Additional references: Brink (1987); Dreyer and Lyle (1931); Ewer (1958c); Larivière (2001a).



Subfamily: Mellivorinae

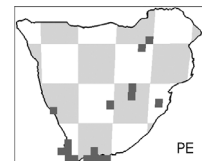
Mellivora capensis Schreber, 1776. *Die Säugethiere in Abbildungen nach der Natur, mit Beschreibungen* 3(18): pl. 125 [1776], see also text 3 (26): 450 [1777]. Honey badger.

Synonyms: *sivalensis*.

Type locality: Cape of Good Hope.

Additional references: O'Regan *et al.* (2013).

Comments: citation according to Wilson and Reeder (2005). Volume 3 was published in 1778 according to the version reproduced in the Biodiversity Heritage Library (www.biodiversitylibrary.org/item/135003#page/178/mode/1up) and *Viverra capensis* is listed on p. 588. Plate 125 appears in an undated volume containing plates 81–165 (www.biodiversitylibrary.org/item/97341#page/191/mode/1up).

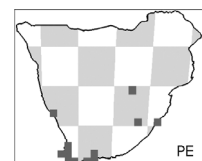


Subfamily: Mustelinae

Ictonyx striatus Perry, 1811. *Arcana, or, the Museum of Natural History: Containing the Most Recent Discovered Objects*, Signature Y: Fig. 41 [1810]. Striped polecat.

Type locality: fixed as 'Cape of Good Hope'.

Additional references: Larivière (2002); Roberts (1932).



Poecilogale albinucha Gray, 1864. *Proc. Zool. Soc. Lond.* 1864: 69, pl.

X. African striped weasel.

Synonyms: *Ictonyx*.

Type locality: fixed as 'Cape Colony'.

Additional references: Larivière (2001b); Roberts (1931); Thomas (1883).



†***Prepoecilogale bolti*** Cooke, 1985. *S. Afr. J. Sci.* 81: 618–619.

Synonyms: *Ictonyx*; *Propoecilogale*.

Type locality: Bolt's Farm.

Additional references: O'Regan *et al.* (2013); Petter (1987).



ORDER: PERISSODACTYLA

FAMILY: EQUIDAE

Equus Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 73.

Additional references: Eisenmann and Baylac (2000); Thackeray (2010); Wells (1959a).

Comments: Brink (1994) assigned some equid material from Florisbad and Vlakkraal Thermal Springs to the subgenus *Equus* (*Asinus*).



Equus burchellii Gray, 1824. *Zool. J.* 1: 247. Burchell's zebra.

Synonyms: *lylei*; *platyconus*; *simplicissimus*.

Type locality: now identified as Little Klibbolikhonni Fontein.

Additional references: Churcher (1970); Churcher and Watson (1993); Grubb (1981); Mendrez (1966); Reynolds and Bishop (2006); Van Hoepen (1930a).

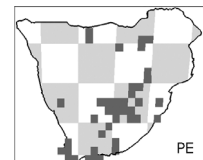


†***Equus capensis*** Broom, 1909. *Ann. S. Afr. Mus.* 7: 281.

Synonyms: *Kolpohippus*; *cawoodi*; *fowleri?*; *gigas?*; *harrisi*; *helmei*; *kuhni*; *plicatus*; *poweri*; *zietsmani*.

Type locality: Ysterplaat.

Additional references: Bernor *et al.* (2010); Broom (1913b); Churcher (1970, 2000, 2006); Churcher and Watson (1993); Eisenmann (2000); Haughton (1932a); Orlando *et al.* (2009); Van Hoepen (1930a); Wells (1940).

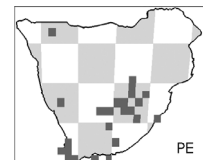


†***Equus quagga*** Boddaert, 1785. *Elenchus Animalium* 1: 160.

Quagga.

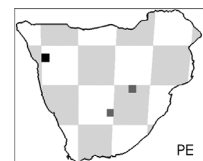
Type locality: locality of paralectotype now identified as Seekoei River.

Additional references: Bernor *et al.* (2010); Churcher (1970); Eisenmann and Brink (2000); Haughton (1932a); Klein and Cruz-Urbe (1999); Lundholm (1951).



†***Equus sandwichi*** Haughton, 1932. *Ann. S. Afr. Mus.* 28: 419.

Type locality: Usakos.



Equus zebra Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 74. Mountain zebra.

Synonyms: *Hippotigris*.

Type locality: since restricted to Perdekop.

Additional references: Bernor *et al.* (2010); Fraas (1907); Hooijer (1945); Lundholm (1952); Penzhorn (1988).



†***Eurygnathohippus*** Van Hoepen, 1930. *Paleontol. Nav. Nas. Mus. Bloemfontein* 2(2): 23.

Synonyms: *Hipparion*; *Stylohipparion*.

Additional references: Boné and Singer (1965); Hooijer (1975, 1976).



†***Eurygnathohippus cornelianus*** Van Hoepen, 1930. *Paleontol. Nav. Nas. Mus. Bloemfontein* 2(2): 23.

Synonyms: *Hipparion*; *Stylohipparion*; *hipkini*; *libycum*; *sitifense* in part?; *steyleri*.

Type locality: Cornelia.

Additional references: Bernor *et al.* (2010); Churcher (1970, 2000); Churcher and Watson (1993); Franz-Odenaal *et al.* (2003); Pomel (1897); Van Hoepen (1932a).

Comments: the material from Hondeklip Bay was doubtfully ascribed by Pickford and Senut (1997) to *Hipparion sitifense*, which Bernor *et al.* (2010) consider a *nomen dubium*. See also the comment under *Hipparion* below.



†***Eurygnathohippus hooijeri*** Bernor and Kaiser, 2006. *Mitt. Hamb. Zool. Mus. Inst.* 103: 148.

Synonyms: *Hipparion baardi* cf.

Type locality: Langebaanweg.

Additional references: Bernor *et al.* (2010); Franz-Odenaal *et al.* (2003); Hooijer (1976); Pickford and Senut (1997).



FAMILY: RHINOCEROTIDAE

Subfamily: Rhinocerotinae

Ceratotherium simum Burchell, 1817. *Bull. Sci. Soc. Philom. Paris* 1817–1819: 97. White rhinoceros.

Synonyms: *Diceros*; *Rhinoceros*; *simus*.

Type locality: since identified as Chue Spring = Heuningvlei.

Additional references: Geraads (2010a); Gray (1867); Groves (1972); Hooijer (1959, 1973); Hooijer and Singer (1960); Smith (1849).



Diceros bicornis Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 56. Black rhinoceros.

Synonyms: *Opsiceros simplicidens*.

Type locality: now identified as Cape of Good Hope.

Additional references: Gray (1867); Hillman-Smith and Groves (1994); Hooijer (1959, 1973); Hooijer and Singer (1960); Scott (1907).



ORDER: ARTIODACTYLA**FAMILY: SUIDAE****Subfamily: Suinae**

†*Kolpochoerus heseloni* Leakey, 1943. *J. E. Afr. Nat. Hist. Soc.* 17: 55.

Synonyms: *Mesochoerus*.

Additional references: Bender (1992); Bishop (2010); Cooke (1997); Keen and Singer (1956); Pickford (2012).



†*Kolpochoerus paiceae* Broom, 1931. *Rec. Albany Mus.* 4: 168.

Synonyms: *Notochoerus*.

Type locality: Windsorton.

Additional references: Hendey and Cooke (1985); Pickford (2012).



†*Mesochoerus lategani* Singer and Keen, 1955. *Ann. S. Afr. Mus.* 42: 170.

Type locality: Elandsfontein.



†*Metridiochoerus* Hopwood, 1926. *Ann. Mag. Nat. Hist., Series 9*, 18: 266–272.

Additional references: Cooke (2005).



†*Metridiochoerus andrewsi* Hopwood, 1926. *Ann. Mag. Nat. Hist., Series 9*, 18: 266–272.

Synonyms: *Notochoerus*; *Tapinochoerus*; *capensis*; *meadowsi*.

Additional references: Bender (1990); Bishop (2010); Broom (1948a); Cooke (1993a); Ewer (1956b); Harris and White (1979); Herries *et al.* (2006); Hopwood (1926); Keen and Singer (1956); Pickford (2012, 2013a, 2013b); Shaw (1938).



†*Metridiochoerus compactus* Van Hoepen and Van Hoepen, 1932.

Paleontol. Nav. Nas. Mus. Bloemfontein 2(4): 53.

Synonyms: *Phacochoerus*; *Stylochoerus*.

Type locality: Cornelia.

Additional references: Bishop (2010); Harris and White (1979); Hopwood (1926).



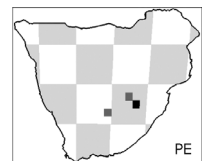
†*Metridiochoerus modestus* Van Hoepen and Van Hoepen, 1932.

Paleontol. Nav. Nas. Mus. Bloemfontein 2(4): 58.

Synonyms: *Tapinochoerus*.

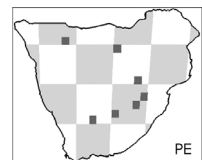
Type locality: Cornelia.

Additional references: Bishop (2010); Cooke (1993a, 1994); Harris and White (1979); Hopwood (1926).



Phacochoerus Cuvier, 1826. *Dict. Sci. Nat.* 39: 383.

Comments: the Holocene material is likely to be *P. africanus* since this is the only species currently recognised in the sub-region.



Phacochoerus africanus Gmelin, 1788. In *Linnaeus, C. Systema Naturae*, 13th edition, 1: 220. Common warthog.

Synonyms: *aethiopicus*; *dreyeri*?; *helmei*; *laticolumnatus*; *venteri*.

Additional references: Cooke (1949b); Ewer (1956b, 1957b); Grubb and d'Huart (2010); Pia (1930).



†***Phacochoerus altidens*** Shaw and Cooke, 1940. *Trans. R. Soc. S. Afr.* 28(4): 296.

Type locality: Pneil.



†***Phacochoerus antiquus*** Broom, 1948. *Ann. Transvaal Mus.* 21: 31.

Type locality: Sterkfontein.

Additional references: Harris and White (1979).



†***Potamochoeroides hypsodon*** Dale, 1948. *S. Afr. Sci.* 2(5): 116.

Synonyms: *Metridiochoerus*; *Pronotochoerus*; *shawi*.

Additional references: Cooke (1993a, 2005); Ewer (1956b, 1958d); Pickford (2013a); Pickford and Gommery (2016).



Potamochoerus larvatus Cuvier, 1822. *Mem. Mus. Hist. Nat. Paris* 8: 447.

Bush-pig.

Synonyms: *Koiropotamus*; *porcus*.

Additional references: Grubb (2004); Hopwood (1934); Leakey (1942).



Subfamily: †Tetraconodontinae

†***Notochoerus capensis*** Broom, 1925. *Rec. Albany Mus.* 3(4): 308.

Synonyms: *scotti*.

Type locality: Longlands.

Additional references: Harris and White (1979); Shaw (1938).



FAMILY: HIPPOPOTAMIDAE

Hippopotamus Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 74.

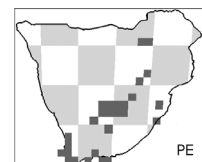
Additional references: Boisserie (2005).



Hippopotamus amphibius Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 74. Common hippopotamus.

Synonyms: *capensis*; *poderosus*.

Additional references: Fraas (1907); Hooijer and Singer (1961); Scott (1907); Smith (1849).



†*Hippopotamus gorgops* Dietrich, 1926. *Forsch. und Fortsch.* 2: 121.
Additional references: Dietrich (1928); Hooijer (1958); Weston and Boisserie (2010).



FAMILY: GIRAFFIDAE

Subfamily: Giraffinae

Giraffa Brisson, 1762. *Regnum animale in classes IX. Distributum, sive Synopsis Methodica*, 2nd edition: 12, 37



Giraffa camelopardalis Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 66. Giraffe.

Additional references: Dagg (1971); Harris *et al.* (2010); Singer and Boné (1960).

Comments: Cooke (1955) lists this taxon from Bloembosch (3318), but R.G. Klein (personal communication, 2016) is of the opinion that the specimen is probably referable to *Giraffa stillei*, which occurs at Langebaanweg. Recently, Helm *et al.* (2018) have reported giraffe tracks from near Still Bay (3421), but this occurrence has not been plotted, pending the collection of physical remains of this taxon.



Subfamily: Sivatheriinae

†*Sivatherium maurisium* Pomel, 1892. *C.R. Hebd. Acad. Sci. Paris* 114: 100.
Synonyms: *Griquaetherium*, *Libytherium*; *cingulatum*.

Additional references: Churcher (1974); Haughton (1921); Harris *et al.* (2010); Singer and Boné (1960).



FAMILY: BOVIDAE

Subfamily: Aepycerotinae

†*Aepyceros helmoedi* Van Hoepen, 1932. *Palentol. Nav. Nas. Mus. Bloemfontein* 2(5): 65.

Synonyms: *Gazella*.

Type locality: Cornelia.



Aepyceros melampus Lichtenstein, 1812. *Reisen im südlichen Africa in en Jahren 1803, 1804, 1805 und 1806* 2: pl. 4 opp. p. 544. Impala.

Type locality: now identified as Khosis.

Additional references: Reynolds (2010a).



Subfamily: Alcelaphinae

Alcelaphus De Blainville, 1816. *Bull. Sci. Soc. Philom. Paris* 1816: 75.



Alcelaphus buselaphus Pallas, 1766. *P.S. Pallas Medicinae Doctoris Miscellanea Zoologica*: 7. Hartebeest.



Alcelaphus caama Geoffroy Saint-Hilaire, 1803. *Catalogue des Mammifères du Muséum National d'Histoire Naturelle*: 269. Red hartebeest.
Synonyms: *Antilope*; *Bubalus*; *bubalis*; *buselaphus caama*.
Type locality: since restricted to syntype locality Steynsburg.
Additional references: Gray (1850a, 1850b); Grubb (2004); Hoffman (1953); Smith (1849).



†*Alcelaphus robustus* Cooke, 1949. *Mem. Geol. Surv. S. Afr.* 35: 20.
Type locality: Larsen's Main Workings.
Comments: see *Parmularius braini* below.



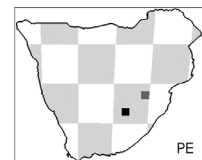
Beatragus Heller, 1912. *Smithson. Misc. Coll.* 60(8): 8.
Additional references: Gentry (2010); Vrba (1974b, 1997).



Connochaetes Lichtenstein, 1812. *Mag. Ges. Naturf. Fr. Berlin* 6: 152.
Synonyms: *Gorgon*.



†*Connochaetes antiquus* Broom, 1913. *Ann. S. Afr. Mus.* 12: 14.
Type locality: Florisbad (Hagenstad).



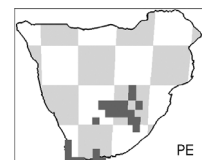
Connochaetes gnou Zimmermann, 1780. *Geographische Geschichte des Menschen und der Allgemein Verbreiteten Vierfüssigen Thiere* 2: 102.
Black wildebeest.

Synonyms: *laticornutus*.

Type locality: since selected as Agterbruintjieshoogte.


Additional references: Brink (1993, 2005); Gentry (2010); Gray (1850a, 1850b); Von Richter (1974).

Comments: Gentry (2010) proposes that *Connochaetes laticornutus* should be retained as a distinct species.




Connochaetes taurinus Burchell, 1824. *Travels in the Interior of Southern Africa* 2: 278 (footnote). Blue wildebeest.

Synonyms: *Catoblepas*.

Type locality: Apparently 'Kosi Fountain', but lectotype came from 'Chue Spring, Maadji Mtn [Klein Heuningvlei]'.


Additional references: Smith (1849).


Damaliscus Sclater and Thomas, 1894. *The Book of Antelopes* 1: 51.

Additional references: Fraas (1907).


Damaliscus lunatus Burchell, 1824. *Travels in the Interior of Southern Africa* 2: 334. Common tsessebe.


Synonyms: *Acronotus*; *Bubalus*.

Type locality: 'Makkwarin' (Matlhwareng) River.

Additional references: Cotterill (2003); Gray (1850a, 1850b); Groves and Grubb (2011); Smith (1849).


†***Damaliscus niro*** Hopwood, 1936. *Ann. Mag. Nat. Hist.*, Series 10, 17: 640.


Synonyms: *Hippotragus*.

Additional references: Gentry (1965); Thackeray and Brink (2004).



Damaliscus pygargus Pallas, 1767. *Spicil. Zool.* 1: 10. Bontebok.

Synonyms: *albifrons*; *dorcas phillipsi*; *dorcas*; 'hipkini'.

Type locality: since restricted to Swart River.

Additional references: Faith *et al.* (2012); Gentry (2010); Gray (1850a, 1850b); Groves and Grubb (2011); Grubb (2004); Vrba (1997).



Comments: according to Vrba (1997), Wells intended to name *Damaliscus 'hipkini'*, but never did. Groves and Grubb (2011) propose that *Damaliscus phillipsi* (blesbok) be a full species separate from *D. pygargus* (bontebok).

†***Megalotragus*** Van Hoepen, 1932. *Paleontol. Nav. Nas. Mus. Bloemfontein* 2(5): 63.


†***Megalotragus priscus*** Broom, 1909. *Ann. S. Afr. Mus.* 7: 279.

Synonyms: *Bubalis*; *Connochaetes*; *Lunatoceras*; *Peleoroceras*; *broomi*; *elegans*; *eucornutus*; *grandis*; *helmei*; *kattwinkeli*; *mirum*.

Type locality: Modder River.

Additional references: Brink *et al.* (2015a); Gentry *et al.* (1995); Hoffman (1953); Seeley (1891); Van Hoepen (1932b, 1947); Wells (1959b, 1964).


†*Parmularius* Hopwood, 1934. *Ann. Mag. Nat. Hist.*, Series 10, 14: 550.



†*Parmularius parvus* Vrba, 1978. *Ann. Transvaal Mus.* 31(3): 23.
Type locality: Kromdraai.



Subfamily: Antilopinae

Antidorcas Sundevall, 1845. *K. Svenska Vet.-Akad. Handl.* 1845: 271.



†*Antidorcas australis* Hendeby and Hendeby, 1968. *Ann. S. Afr. Mus.* 52(2): 56.

Synonyms: *marsupialis australis*.

Type locality: Swartklip.

Additional references: Gentry (2010); Peters and Brink (1992); Vrba (1973).

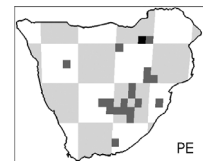


†*Antidorcas bondi* Cooke and Wells, 1951. *S. Afr. J. Sci.* 47: 207.

Synonyms: *Gazella*.

Type locality: Chelmer.

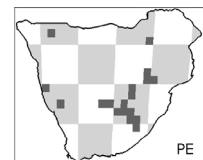
Additional references: Gentry (2010); Plug and Peters (1991); Vrba (1973).



Antidorcas marsupialis Zimmermann, 1780. *Geographische Geschichte des Menschen und der Allgemein Verbreiteten Vierfüssigen Thiere* 2: 427. Springbok

Type locality: since restricted to 'Cape Colony [Cape Province]'.

Additional references: Cain *et al.* (2004); Gentry (2010); Gray (1850a, 1850b); Plug and Peters (1991); Vrba, (1970).



†*Antidorcas recki* Schwarz, 1932. *Zentr. Mineral., Geol. Paläontol. B* 1932: 1.

Synonyms: *Gazella*; *wellsi*.

Additional references: Gentry (2010).



Gazella De Blainville, 1816. *Bull. Sci. Soc. Philom. Paris* 1816: 75.

Additional references: Gentry (2010).



†*Gazella praethomsoni* Arambourg, 1947. *Mission Scient. Omo* 1. Géol. Anthropol. 3: 237.



†*Gazella vanhoepeni* Wells and Cooke, 1957. *Palaeontol. Afr.* 4: 43.
Synonyms: *gracilior?*
Type locality: Limeworks Makapansgat.



Oreotragus oreotragus Zimmermann, 1783. *Geographische Geschichte des Menschen und der Allgemein Verbreiteten Vierfüßigen Thiere* 3: 269. Klipspringer.

Synonyms: *Palaeotragiscus longiceps*; *major*.

Type locality: now known to be False Bay.

Additional references: Broom (1934); Gentry (2010); Gray (1850a, 1850b); Watson and Plug (1995); Wells (1951).



Ourebia Laurillard, 1842. In: d'Orbigny, *Dictionnaire Universel d'Histoire Naturelle* 1: 622.

Type locality: none given.



Ourebia ourebi Zimmermann, 1783. *Geographische Geschichte des Menschen und der Allgemein Verbreiteten Vierfüßigen Thiere* 3: 268. Oripi.

Type locality: since restricted to Bruintjieshoogte.

Additional references: Gray (1850a 1850b).



Raphicerus Smith, 1827. In: Griffith *et al.*, *The Animal Kingdom Arranged in Conformity with its Organization by the Baron Cuvier* 5: 342.

Additional references: Klein (1976c).



Raphicerus campestris Thunberg, 1811. *Mem. Acad. Imp. Sci. St. Petersbourg* 3: 313. Steenbok.

Type locality: since selected as Malmesbury District.

Additional references: Gray (1850a 1850b).



Raphicerus melanotis Thunberg, 1811. *Mem. Acad. Imp. Sci. St. Petersbourg* 3: 312. Cape grysbok.

Type locality: since selected as Cape Peninsula.

Additional references: Gray (1850a, 1850b).



Raphicerus sharpei Thomas, 1896. *Proc. Zool. Soc. Lond.* 1896: 795, pl. 34. Sharpe's grysbok.
Synonyms: *melanotis sharpei*



Subfamily: Bovinae

†***Bos' makapani*** Broom, 1937. *S. Afr. J. Sci.* 33: 510.

Type locality: Buffalo Cave.

Additional references: Gentry (2010).



†***Miotragoceros acrae*** Gentry, 1974. *Ann. S. Afr. Mus.* 65(5): 146.

Synonyms: *Mesembriportax*; *Tragoportax*.

Type locality: Langebaanweg.

Additional references: Gentry (1980, 2010).



†***Simatherium kohllarseni*** Dietrich, 1942. *Palaeontographica A* 94: 43–133.

Additional references: Gentry (2010).



Syncerus Hodgson, 1847. *J. Asiatic Soc. Bengal, Series 2*, 16: 709.

Synonyms: *Bos*; *Bubalis*; *Pelorovis*.

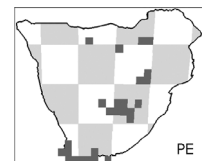
Additional references: Martínez-Navarro *et al.* (2007).



†***Syncerus antiquus*** Duvernoy, 1851. *C. R. Hebdom. Scé. Acad. Sci. Paris* 33: 597.

Synonyms: *Bubalis*; *Homoioceras*; *Pelorovis*; *Syncerus*; *baini*.

Additional references: Bate (1949); Gentry (2010); Geraads (1992); Klein (1994a); Martínez-Navarro *et al.* (2007); Pomel (1893); Reck (1928).

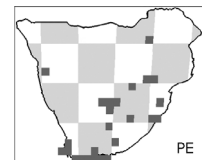


Syncerus caffer Sparrman, 1779. *K. Svenska Vet.-Akad. Handl.* 40: 79.
African buffalo.

Synonyms: *Bubalis*; *andersoni*.

Type locality: now restricted to Sundays River.

Additional references: Geraads (1992); Scott (1907).

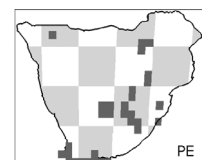


Taurotragus oryx Pallas, 1766. *P.S. Pallas Medicinae Doctoris Miscellanea Zoologica*: 9. Common eland.

Synonyms: *Antilope*; *Boselaphus*; *Tragelaphus*; *oreas*.

Type locality: restricted to near Cape Town.

Additional references: Gray (1850a, 1850b); Pappas (2002); Smith (1849); Willows-Munro *et al.* (2005).



Tragelaphus De Blainville, 1816. *Bull. Sci. Soc. Philom. Paris* 1816: 75.



Tragelaphus angasii Angas, 1848. *Proc. Zool. Soc. Lond.* 1848: 89.
Nyala.

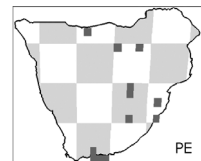
Type locality: 'Hills that border: upon the northern shores of St Lucia Bay'.

Additional references: Gray (1850a, 1850b); Grubb (2004); Willows-Munro *et al.* (2005).



Tragelaphus scriptus Pallas, 1766. *P.S. Pallas Medecinae Doctoris Miscellanea Zoologica*: 8. Bushbuck.

Additional references: Gray (1850a, 1850b); Willows-Munro *et al.* (2005).



Tragelaphus spekeii Speke, 1863. *Journal of the Discovery of the Source of the Nile*: 223 (footnote). Sitatunga.

Additional references: Grubb (2004); Willows-Munro *et al.* (2005).



Tragelaphus strepsiceros Pallas, 1766. *P.S. Pallas Medecinae Doctoris Miscellanea Zoologica*: 9. Greater kudu.

Synonyms: *Damalis*; *Strepsiceros*; *capensis*.

Type locality: restricted to eastern part of western Cape Province.

Additional references: Smith (1849); Willows-Munro *et al.* (2005).



Subfamily: Caprinae

†*'Makapania'* Wells and Cooke, 1957. *Palaeontol. Afr.* 4: 26.

Type locality: Limeworks Makapansgat.

Additional references: Gentry (1970).



†*'Makapania' broomi* Wells and Cooke, 1957. *Palaeontol. Afr.* 4: 26.

Synonyms: *Bos*; *Hippotragus*; *Hippotragoides*; *makapaani*.

Type locality: Limeworks Makapansgat.

Additional references: Gentry (1970, 2010).



†*Numidocapra arambourgi* Ennouchi, 1953. *C.R. Somm. Séanc. Soc. Geol. Fr., Paris*, 8: 126.

Synonyms: *Rabaticeras*.

Additional references: Arambourg (1949).

Comments: Ennouchi (1953) not seen.

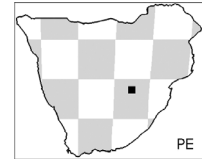


†*Numidocapra porrocornutus* Vrba, 1971. *Ann. Transvaal Mus.* 27(5): 59.

Synonyms: *Damaliscus*; *Rabaticeras*.

Type locality: Swartkrans.

Additional references: Laubscher *et al.* (1972); Vrba (1974b).



Subfamily: Cephalophinae

Cephalophus Smith, 1827. In: Griffith *et al.*, *The Animal Kingdom*

Arranged in Conformity with its Organization by the Baron Cuvier 5: 344.

Comments: material only identified to genus level has not been mapped because this could include specimens assignable to *Philantomba* as currently understood.

Cephalophus natalensis Smith, 1834. *S. Afr. Quart. J.*, Series 2, 2: 217.

Red duiker.

Type locality: 'Port Natal' = Durban.

Additional references: Gray (1850a, 1850b); Smith (1849).



Philantomba monticola Thunberg, 1789. *Resa uti Europa Africa, Asia, forrattad aren 1770–1779* 2: 66. Blue duiker.

Synonyms: *Cephalophus*; *bicolor*; *caeruleus*.

Type locality: since identified as Langkloof.

Additional references: Gray (1850a, 1850b, 1862a, 1862b); Jansen van Vuuren (1999).



Sylvicapra Ogilby, 1836. *Proc. Zool. Soc. Lond.* 1836: 138.



Sylvicapra grimmia Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 70. Bush duiker.

Type locality: now known to be Cape Town.

Additional references: Gentry (2010); Gray (1850a, 1850b).



Subfamily: Hippotraginae

Hippotragus Sundevall, 1845. *Ofv. K. Svenska Vet.-Akad. Förhand.*

1845: 31.

Additional references: Commission on Zoological Nomenclature (2003); Grubb (2004).



†*Hippotragus cookei* Vrba, 1987. *Palaeontol. Afr.* 26(5): 49.

Type locality: Limeworks Makapansgat.



Hippotragus equinus Geoffroy Saint-Hilaire, 1803. *Catalogue des Mammifères du Muséum National d'Histoire Naturelle*: 259. Roan antelope.

Synonyms: *Aigoceros*; *Antilope*; *osanne*.

Type locality: now thought to be Plettenberg Bay.

Additional references: Gray (1850a, 1850b); Grubb (2004); Smith (1849).



†***Hippotragus gigas*** Leakey, 1965. *Olduvai Gorge* 1: 49.

Additional references: Gentry (2010).



†***Hippotragus leucophaeus*** Pallas, 1766. *P.S. Pallas Medecinae Doctoris Miscellanea Zoologica*: 4. Blaaubok, blue antelope.

Synonyms: *problematicus*.

Type locality: since restricted to Swellendam Dist.

Additional references: Broom (1949b); Cooke (1947); Gentry (2010); Klein (1974a).



Hippotragus niger Harris, 1838. *Proc. Zool. Soc. Lond.* 1838: 2. Sable antelope.

Synonyms: *harrisi*.

Type locality: since specified as Magaliesberg near Krugersdorp and Rustenburg.

Additional references: Gray (1850a 1850b); Harris (1838a).



Oryx De Blainville, 1816. *Bull. Sci. Soc. Philom. Paris* 1816: 75.

Type locality: understood to be South Africa.

Comments: this material is likely to be *O. gazella* since only one species has so far been recognised in the sub-region.



Oryx gazella Linnaeus, 1758. *Systema Naturae Regnum Animale*, 10th edition, 1: 69. Gemsbok.

Type locality: understood to be South Africa.

Additional references: Gray (1850a, 1850b).



Subfamily: Reduncinae

Kobus Smith, 1840. *Illustrations of the Zoology of South Africa*, Part 12: pl. 28 plus text.

Synonyms: *Aigoceros*; *Onotragus*.

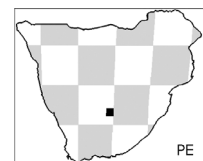
Additional references: Birungi and Arctander (2001).



†***Kobus' altidens*** Cooke, 1949. *Mem. Geol. Surv.* 35(3): 29.

Type locality: Keeble's Paddock.

Comments: according to Wells (1965), this taxon is a 'myth', being a bovine not a reduncine, although he did not reassign the specimen.



Kobus ellipsiprymnus Ogilby, 1833. *Proc. Zool. Soc. Lond.* 1833: 47.
Waterbuck.

Synonyms: *Aigoceros*.

Type locality: since restricted to Gaborone.

Additional references: Birungi and Arctander (2001); Gray (1850a, 1850b); Smith (1849).



Kobus leche Gray, 1850. *Gleanings from the Menagerie and Aviary at Knowsley Hall* 2: 23. Lechwe.

Synonyms: *Onotragus*; *venterae*.

Type locality: since identified as Botletle River, near Lake Ngami.

Additional references: Birungi and Arctander (2001).



Pelea capreolus Forster, 1790. *Le Vaillant's Reise in das Innere von Afrika* 1: 71. Vaal rhebok.

Type locality: now specified as Houhoek Pass.

Additional references: Birungi and Arctander (2001); Gray (1850a, 1850b).



Redunca Smith, 1827. In: Griffith *et al.*, *The Animal Kingdom Arranged in Conformity with its Organization by the Baron Cuvier* 5: 337.



Redunca arundinum Boddaert, 1785. *Elenchus Animalium* 1: 141.
Southern reedbuck.

Type locality: since selected as Bethulie.

Additional references: Gentry (2010); Gray (1850a, 1850b).



†***Redunca darti*** Wells and Cooke, 1957. *Palaeontol. Afr.* 4: 17.

Type locality: Limeworks Makapansgat.



Redunca fulvorufula Afzelius, 1815. *Nova Acta Reg. Soc. Sci. Upsala* 7: 250. Mountain reedbuck.

Synonyms: *Cervicapra*.

Type locality: restricted to eastern North Cape Province.



5.2 PLEISTOCENE SITES

So far, 201 sites have yielded Pleistocene material, ranging from individual specimens to the major collections. The latter include the Early Pleistocene sites in the Cradle of Humankind and Later Pleistocene ones such as Border Cave, Elandsfontein, Florisbad, Klasies River and Wonderwerk. During this epoch, sites, especially the later ones, increasingly constitute former human habitations. Although the distribution of sites is much broader than it was previously, there remains a large area from which evidence is not yet forthcoming (Figure 5.1). The gap may be real, arising, for instance, from a lack of suitable sites for bone preservation and/or human habitation, or may simply result from a lack of attention to the region by workers.

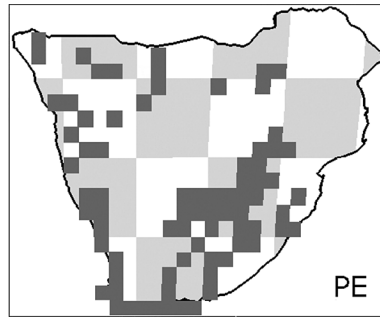


Figure 5.1 Location of Pleistocene sites.

!Ncumtsha Hills (2021). Other names: Koanaka. Taxa: *Papio ursinus*; *Parapapio jonesi* cf.; *Pedetes capensis*. References: Pickford (1990); Pickford and Mein (2011); Pickford *et al.* (1994); Senut (1996); Williams *et al.* (2012).

≠Gi (1938:2100). Taxa: *Alcelaphus caama* cf.; *Ceratotherium simum*; *Connochaetes taurinus*; *Equus capensis*; *Giraffa camelopardalis*?; *Megalotragus priscus*; *Phacochoerus africanus*; *Raphicerus*; *Syncerus antiquus*. References: Brooks *et al.* (1980); Brooks and Yellen (1977); Wadley (2015).

Abenab (1917:1838). Taxa: *Phacochoerus*. References: Pia (1930); Pickford and Senut (2010).

Abrahamskraal (2826). Taxa: *Megalotragus priscus*. References: Hoffman (1953).

Aigamas I and II (1929:1713; 1927:1717). Taxa: *Acomys*; *Crocidura*; *Desmodillus*; *Gerbilliscus*; *Gerbillurus*; *Graphiurus*; *Malacothrix*; *Miniopterus*; *Mus*; *Rhabdomys*; *Saccostomus*; *Steatomys*; *Stenodontomys*; *Thallomys*; *Zelotomys*. References: Pickford and Senut (2010).

Aloes Bone Deposit (3349:2538). Taxa: *Antidorcas marsupialis*; *Connochaetes*; *Crocota crocuta*; *Equus capensis* cf.; *Phacochoerus africanus*; *Potamochoerus larvatus*. References: Wells (1970a).

Amis (2110:1430). Taxa: *Pronolagus randensis*; *Suricata suricatta*. References: Van Neer and Breunig (1999).

Andriesgrond (3218BB). Taxa: *Crocidura flavescens*; *Cryptomys hottentotus*; *Elephantulus edwardii*; *Gerbilliscus afra*; *Gerbillurus paeba*; *Micaelamys namaquensis*; *Myosorex varius*; *Myotomys unisulcatus*; *Mystromys albicaudatus*; *Otomys saundersiae*; *Rhabdomys pumilio*; *Steatomys krebsii*. References: Avery (unpublished); Pfeiffer (2013).

Anyskop Blowout (3358:1809). Taxa: *Bathyergus suillus*; *Equus capensis*; *Diceros bicornis*; *Taurotragus oryx*. References: Kandel and Conard (2012).

Apollo 11 (2745:1706). Taxa: *Aethomys chrysophilus*; *Antidorcas marsupialis*; *Canis*; *Caracal caracal* cf.; *Crocota*; *Equus capensis*; *Equus quagga* cf.; *Equus zebra*; *Hystrix africae australis*; *Lepus*; *Macroscolides*; *Oreotragus oreotragus*; *Oryx gazella*; *Petromus typicus* cf.; *Phacochoerus africanus*; *Procapra capensis*; *Pronolagus*; *Raphicerus*; *Saccostomus campestris*. References: Cruz-Urbe and Klein (1981–1983); Dewar and Stewart (2016); Thackeray (1979); Vogelsang *et al.* (2010); Wadley (2015).

Asis Ost (1942:1743). Taxa: *Antidorcas*; *Procapra capensis*. References: Pickford and Senut (2002).

Austin's Rush (2824). Taxa: *Equus capensis*; *Equus sandwithi*; *Hippopotamus amphibius*; *Loxodonta africana*. References: Cooke (1949a).

- Baard's Quarry** (3318). Taxa: *Antidorcas*; *Canis?*; *Ceratotherium*; *Diceros bicornis*; *Equus capensis* cf.; *Eurygnathohippus hooijeri*; *Gazella praethomsoni* cf.; *Hippopotamus*; *Hippotragus leucophaeus*; *Mammuthus subplanifrons*; *Mellivora capensis*; *Miotragoceros acrae*; *Orycteropus*; *Pachycrocuta brevirostris* cf.; *Panthera*; *Parahyaena brunnea* aff.; *Raphicerus*; *Sivatherium maurisium?*. References: Hendey (1969, 1978d); Klein (1974b).
- Barkly West** (2824DA). Taxa: *Damaliscus pygargus*; *Equus capensis*; *Equus quagga*; *Hippopotamus amphibius* cf. References: Fraas (1907); Wells (1959c).
- Berg Aukas** (1931:1815). Taxa: *Crocidura*; *Cryptomys*; *Dendromus*; *Elephantulus*; *Gerbilliscus*; *Grammomys*; *Graphiurus*; *Hipposideros*; *Homo sapiens*; *Malacothrix*; *Mastomys*; *Mus*; *Myocricetodon*; *Mystromys*; *Rhinolophus*; *Saccostomus*; *Steatomys*; *Stenodontomys*; *Zelotomys*. References: Conroy *et al.* (1996); Grine *et al.* (1995); Mein *et al.* (2000b); Pickford and Senut (2010); Senut *et al.* (1992).
- Bestpan** (2824). Taxa: *Connochaetes*; *Megalotragus priscus*. References: Cooke (1949a).
- Black Earth Cave** (2737:2437). Taxa: *Aepyceros melampus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Canis adustus*; *Canis mesomelas*; *Connochaetes gnou*; *Crocidura*; *Cryptomys*; *Damaliscus pygargus*; *Equus burchellii*; *Equus capensis*; *Homo sapiens*; *Hystrix*; *Kobus leche*; *Lycaon*; *Panthera leo* cf.; *Parahyaena brunnea*; *Pelea capreolus*; *Phacochoerus africanus*; *Procapra capensis*; *Raphicerus*; *Redunca arundinum*; *Redunca fulvorufula*; *Syncerus caffer*; *Vulpes*. References: Kuhn *et al.* (2016); McKee (1994).
- Bloembos[ch]** (3317:1811). Taxa: *Connochaetes*; *Crocuta crocuta*; *Diceros bicornis*; *Equus capensis*; *Giraffa camelopardalis*; *Hippopotamus amphibius* cf.; *Hippotragus leucophaeus*; *Hippotragus niger* cf.; *Syncerus antiquus*; *Syncerus caffer*. References: Cooke (1947, 1955); Broom (1913c).
- Bloemhof** (2725DA). Taxa: *Connochaetes gnou*; *Elephas iolensis*; *Equus capensis*; *Hippopotamus amphibius*; *Syncerus antiquus*. References: Cooke (1949a); Osborn (1942).
- Bloemhof Site**. See Sheppard Island.
- Blombos Cave** (3425:2113). Taxa: *Acomys subspinosus*; *Alcelaphus buselaphus*; *Antidorcas*; *Aonyx capensis*; *Atelerix frontalis*; *Bathyergus suillus*; *Canis mesomelas*; *Chlorotalpa duthiae*; *Connochaetes*; *Crocidura cyanea*; *Crocidura flavescens*; *Damaliscus pygargus*; *Dasymys incomtus*; *Dendromus melanotis*; *Dendromus mesomelas*; *Diceros bicornis*; *Equus capensis*; *Felis silvestris*; *Galerella pulverulenta*; *Genetta*; *Georychus capensis*; *Gerbilliscus afra*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Homo sapiens*; *Hystrix africae australis*; *Ictonyx striatus*; *Lepus capensis*; *Lepus saxatilis*; *Mellivora capensis*; *Miniopterus natalensis*; *Mus minutoides*; *Myomyscus verreauxii*; *Myosorex varius*; *Oreotragus oreotragus*; *Otomys irroratus*; *Otomys saundersiae*; *Papio ursinus*; *Pelea capreolus*; *Procapra capensis*; *Raphicerus campestris*; *Raphicerus melanotis*; *Redunca arundinum*; *Rhabdomys pumilio*; *Rhinolophus capensis*; *Rhinolophus clivus*; *Steatomys krebsii*; *Suncus varilla*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*. References: Badenhorst *et al.* (2016); Discamps and Henshilwood (2015); Henshilwood (1995, 1996); Henshilwood *et al.* (2001); Hillestad Nel and Henshilwood (2016); Wadley (2015).
- Boegoeberg 1** (2846:1634). Taxa: *Antidorcas marsupialis*; *Bathyergus janetta*; *Canis mesomelas*; *Connochaetes taurinus*; *Diceros bicornis*; *Felis silvestris*; *Galerella pulverulenta*; *Ictonyx striatus*; *Mellivora capensis*; *Oryx gazella*; *Otocyon megalotis*; *Panthera leo?*; *Parahyaena brunnea*; *Raphicerus campestris*; *Redunca arundinum*; *Suricata suricatta*; *Vulpes chama*. References: Klein *et al.* (1999b).
- Bolt's Farm** (2602:2753). Taxa: *Acomys spinosissimus*; *Caracal caracal*; *Cercopithecoides williamsi*; *Crocidura fuscomurina*; *Crossarchus transvaalensis*; *Cryptomys robertsi*; *Dasymys*

'boliti'; *Dasymys 'lavocati'*; *Dendromus melanotis*; *Desmodillus auricularis*; *Dinofelis barlowi*; *Elephantulus antiquus*; *Elephantulus brachyrhynchus* cf.; *Elephantulus broomi*; *Elephas recki* cf.; *Equus burchellii?*; *Equus capensis*; *Erinaceus broomi*; *Eurygnathohippus cornelianus*; *Felis shawi*; *Gerbilliscus*; *Lemniscomys rosalia* cf.; *Leptailurus serval*; *Malacothrix typica* cf.; *Metridiochoerus andrewsi*; *Metridiochoerus modestus*; *Mus major*; *Mus minutoides*; *Myosorex robinsoni*; *Myotis* cf.; *Mystromys hausleitneri*; *Otomys gracilis*; *Otomys irroratus* aff.; *Papio izodi*; *Parapapio broomi*; *Parapapio whitei*; *Potamochoeroides hypsodon*; *Proamblysomus antiquus*; *Proodontomys cookei*; *Proteles cristata*; *Rhodomys pumilio* cf.; *Rhinolophus capensis* cf.; *Steatomys pratensis*; *Thallomys debruyni*; *Theropithecus oswaldi*. References: Broom (1937b, 1939c, 1948a); Churcher (1970); Cooke (1985, 1991, 1993a, 1993b); Davis (1961); Freedman (1965, 1970); Gilbert (2007b); Gingerich (1974); Gommery *et al.* (2012a); Lacruz *et al.* (2006); Meester (1961a); Reynolds (2010b); Thackeray *et al.* (2008).

Boomplaas Cave (3323:2211). Taxa: *Acomys subspinosus*; *Alcelaphus buselaphus*; *Antidorcas marsupialis* cf.; *Bunolagus monticularis*; *Canis mesomelas*; *Caracal caracal* cf.; *Chlorotalpa sclateri*; *Connochaetes gnou* cf.; *Connochaetes taurinus* cf.; *Crocidura cyanea*; *Crocidura flavescens*; *Cryptomys hottentotus*; *Damaliscus pygargus*; *Dasymys incomtus*; *Dendromus melanotis*; *Dendromus mesomelas*; *Elephantulus*; *Equus capensis*; *Felis silvestris*; *Galerella pulverulenta*; *Genetta*; *Gerbilliscus afra*; *Gerbillurus paeba*; *Graphiurus ocellatus*; *Herpestes ichneumon*; *Hippotragus equinus*; *Hippotragus leucophaeus*; *Hystrix africae australis*; *Lepus capensis*; *Lycaon pictus*; *Megalotragus priscus*; *Mellivora capensis*; *Micaelamys namaquensis*; *Mus minutoides*; *Myomyscus verreauxii*; *Myosorex varius*; *Myotomys unisulcatus*; *Mystromys albicaudatus*; *Oreotragus oreotragus*; *Otomys irroratus*; *Otomys laminatus*; *Otomys saundersiae*; *Panthera pardus*; *Papio ursinus*; *Parahyaena brunnea* cf.; *Pelea capreolus*; *Phacochoerus africanus*; *Potamochoerus larvatus*; *Procavia capensis*; *Raphicerus campestris*; *Raphicerus melanotis*; *Redunca arundinum*; *Redunca fulvorufula*; *Rhodomys pumilio*; *Suncus varilla*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus strepsiceros*. References: Avery (1977, 1982b); Brophy *et al.* (2014); Faith (2013); Klein (1978a, 1994b); Von den Driesch and Deacon (1985); Wadley (2015).

Border Cave (2701:3159). Taxa: *Acomys*; *Aepyceros melampus*; *Aethomys chrysophilus*; *Alcelaphus*; *Amblysomus hottentotus*; *Antidorcas bondi*; *Chlorocebus aethiops*; *Connochaetes taurinus*; *Crocidura cyanea*; *Crocidura flavescens*; *Crocidura fuscomurina*; *Crocidura hirta*; *Crocidura mariquensis*; *Cryptomys hottentotus*; *Damaliscus pygargus* cf.; *Dasymys incomtus*; *Dendromus melanotis*; *Dendromus mystacalis*; *Elephantulus myurus*; *Eptesicus hottentotus*; *Equus burchellii*; *Equus capensis*; *Gerbilliscus*; *Gerbilliscus leucogaster* cf.; *Glaucocycteris variegata*; *Grammomys dolichurus*; *Graphiurus murinus*; *Hippopotamus amphibius*; *Hippotragus*; *Homo sapiens*; *Hystrix africae australis*; *Kobus ellipsiprymnus*; *Lemniscomys rosalia*; *Lepus*; *Loxodonta africana?*; *Lycaon pictus*; *Malacothrix typica*; *Mastomys natalensis*; *Mellivora capensis*; *Micaelamys namaquensis*; *Miniopterus natalensis*; *Mus minutoides*; *Mus triton*; *Myosorex cafer*; *Myosorex varius*; *Mystromys albicaudatus*; *Neoromicia capensis*; *Nycteris thebaica*; *Oreotragus oreotragus*; *Otomys angoniensis*; *Otomys irroratus*; *Otomys laminatus*; *Ourebia ourebi*; *Panthera pardus*; *Papio ursinus*; *Paraxerus palliatus*; *Pelomys fallax*; *Phacochoerus africanus*; *Potamochoerus larvatus*; *Procavia capensis*; *Raphicerus campestris* cf.; *Redunca fulvorufula*; *Rhodomys pumilio*; *Rhinolophus clivosus* cf.; *Rhinolophus darlingi?*; *Rhinolophus hildebrandtii* cf.; *Saccostomus campestris*; *Scotophilus nigrita*; *Steatomys pratensis*; *Suncus infinitesimus*; *Suncus varilla*; *Syncerus caffer*; *Tadarida*; *Taurotragus oryx*; *Thallomys paedulus*; *Tragelaphus angasii*; *Tragelaphus*

- scriptus*; *Tragelaphus strepsiceros*. References: Avery (1982a, 1991b, 1992a); Cooke *et al.* (1945); De Villiers (1974, 1976a); Klein (1977); Rightmire (1979b); Wadley (2015).
- Boskop** (2634:2707). Taxa: *Homo sapiens*. References: Broom (1918); Dusseldorp *et al.* (2013).
- Brakfontein** (3149:2301). Taxa: *Diceros bicornis*. References: Cooke (1955).
- Buffalo Cave** (2408:2911). Taxa: 'Bos' *makapani*; *Connochaetes*; *Damaliscus*; *Equus*; *Eurygnathohippus*; *Hippotragus*; *Panthera leo* cf.; *Parmularius* cf.; *Phacochoerus*; *Redunca*; *Syncerus*; *Tragelaphus* cf. References: Kuykendall *et al.* (1995).
- Bulawayo** (2010:2840). Taxa: *Pedetes capensis*. References: Pickford and Mein (2011).
- Bundu Farm** (2945:2212). Taxa: *Antidorcas*; *Connochaetes gnou*; *Damaliscus pygargus*; *Equus capensis*; *Hippopotamus amphibius*; *Megalotragus priscus*; *Papio*; *Phacochoerus*. References: Hutson (2016); Kiberd (2006).
- Bushman Rockshelter** (3038:2435). Taxa: *Aepyceros melampus*; *Alcelaphus*; *Connochaetes taurinus*; *Damaliscus lunatus*; *Equus burchellii*; *Equus capensis*; *Equus quagga*; *Hippotragus equinus*; *Hippotragus niger*; *Hippopotamus amphibius*; *Lepus*; *Megalotragus priscus* cf.; *Oreotragus oreotragus*; *Orycteropus afer*; *Papio ursinus*; *Pelea capreolus* cf.; *Phacochoerus africanus*; *Procavia capensis*; *Raphicerus campestris*; *Redunca arundinum*; *Redunca fulvorufula*; *Sylvicapra grimmia*; *Syncerus caffer* cf.; *Taurotragus oryx*; *Tragelaphus strepsiceros*. References: Badenhorst and Plug (2012); Brain (1969, 1981); Dusseldorp *et al.* (2013); Plug (1981); Wadley (2015).
- Calabria 630** (2808:2656). Taxa: *Antidorcas bondi*; *Connochaetes gnou*; *Equus burchellii*; *Hippopotamus amphibius*; *Phacochoerus africanus*. References: De Ruiter *et al.* (2011).
- Cango Caves** (3324:2212). Taxa: *Connochaetes*; *Procavia capensis*; *Tragelaphus scriptus* cf. References: Cooke (1955).
- Canteen Koppie** (2824DA). Taxa: *Homo sapiens*. References: Smith *et al.* (2012).
- Cave of Hearths** (2409:2904). Taxa: *Acomys*; *Aepyceros melampus*; *Aethomys chrysophilus* cf.; *Alcelaphus buselaphus*; *Alcelaphus caama*; *Alcelaphus robustus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Canis mesomelas*; *Caracal caracal*; *Connochaetes taurinus*; *Crociodura taungensis*; *Crocota crocuta*; *Cryptomys robertsi*; *Damaliscus lunatus*; *Dendromus mesomelas*; *Elephantulus broomi*; *Equus burchellii*; *Equus capensis*; *Gerbilliscus brantsii* cf.; *Herpestes ichneumon*; *Homo sapiens*; *Hystrix africaeaustralis*; *Kobus leche*; *Lepus saxatilis*; *Megalotragus priscus*; *Miniopterus natalensis* cf.; *Mus minutoides* cf.; *Mystromys hausleitneri*; *Oreotragus oreotragus*; *Otomys gracilis*; *Ourebia* cf.; *Panthera leo*; *Panthera pardus*; *Papio ursinus*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Pronolagus randensis*; *Raphicerus campestris*; *Redunca arundinum*; *Rhinolophus capensis* cf.; *Rhinolophus clivus* cf.; *Saccostomus campestris*; *Steatomys pratensis*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*; *Thallomys paedulus* cf.; *Tragelaphus strepsiceros*. References: Brophy *et al.* (2014); Cooke (1962, 1988); De Graaff (1961c, 1988); McKee *et al.* (1995); Tobias (1971); Wadley (2015); Wells (1988).
- Chelmer** (1959:2830). Taxa: *Alcelaphus caama*; *Antidorcas bondi*; *Connochaetes*; *Damaliscus*; *Equus capensis*; *Hippopotamus amphibius*; *Megalotragus priscus*; *Phacochoerus africanus* cf.; *Syncerus antiquus*; *Taurotragus oryx* cf. References: Cooke (1962); Cooke and Wells (1951); Wadley (2015); Wells and Cooke (1955).
- Christiana** (2725CC). Taxa: *Connochaetes gnou*; *Elephas iolensis*; *Equus quagga* cf.; *Eurygnathohippus cornelianus*; *Hippopotamus amphibius*; *Loxodonta africana*. References: Cooke (1949a).

- Cooper's** (2600:2745). Taxa: *Acinonyx jubatus*; *Antidorcas marsupialis*; *Antidorcas recki*; *Australopithecus africanus*; *Canis mesomelas*; *Caracal caracal*; *Cercopithecoides williamsi*; *Chasmaporthetes nitidula*; *Connochaetes taurinus* cf.; *Crocota crocuta*; *Crocota ultra*; *Cynictis penicillata*; *Damaliscus pygargus* cf.; *Dinofelis aronoki* cf.; *Equus burchellii*; *Equus capensis*; *Felis silvestris*; *Herpestes ichneumon*; *Hippotragus*; *Homo*; *Hystrix africae australis*; *Lepus*; *Lycaon sekowei*; *Megalotragus*; *Megantereon whitei*; *Metridiochoerus andrewsi*; *Metridiochoerus modestus*; *Panthera leo*; *Panthera pardus*; *Papio izodi*; *Papio robinsoni*; *Paranthropus robustus*; *Parahyaena brunnea*; *Pedetes*; *Pelea*; *Poecilogale albinucha*; *Procavia antiqua*; *Procavia transvaalensis*; *Proteles cristata*; *Raphicerus*; *Redunca fulvorufula*; *Simatherium kohllarseni*; *Sivatherium maurisium*; *Suricata*; *Syncerus*; *Taurotragus oryx*; *Theropithecus oswaldi*; *Tragelaphus scriptus* cf.; *Tragelaphus strepsiceros* cf. References: Berger *et al.* (1995, 2003); Churcher (1970); De Ruiter *et al.* (2009); Freedman (1970); Kuhn *et al.* (2017); O'Regan and Menter (2009); O'Regan and Steininger (2017); Reynolds (2010b).
- Cornelia-Uitzoek** (2710:2852). Taxa: *Aepyceros helmoedi*; *Antidorcas bondi*; *Antidorcas recki*; *Connochaetes gnou*; *Damaliscus niro*; *Equus burchellii* cf.; *Equus capensis*; *Equus quagga* cf.; *Eurygnathohippus cornelianus*; *Hippopotamus gorgops*; *Homo*; *Kolpochoerus heseloni*; *Kolpochoerus paiceae*; *Megalotragus priscus*; *Metridiochoerus compactus*; *Metridiochoerus modestus*; *Panthera leo*; *Phacochoerus*; *Raphicerus*; *Sivatherium maurisium*; *Sylvicapra grimmia*; *Syncerus antiquus*. References: Bender and Brink (1992); Brink (2004, 2005); Brink *et al.* (2012); Brink and Rossouw (2000); Brophy *et al.* (2014); Cooke (1974); McKee *et al.* (1995).
- David's Drift** (2824). Taxa: *Megalotragus priscus*. References: Cooke (1949a).
- De Hoop 120** (2828:2644). Taxa: *Antidorcas bondi*. References: De Ruiter *et al.* (2011).
- Delport's Hope** (2824). Taxa: *Aepyceros melampus*; *Damaliscus*; *Elephas iolensis*; *Equus capensis* cf.; *Hippopotamus*; *Loxodonta africana*; *Megalotragus priscus*; *Taurotragus*. References: Cooke (1949a).
- Die Kelders** (3432:1922). Taxa: *Acomys subspinosus*; *Alcelaphus buselaphus*; *Antidorcas australis*; *Atelerix frontalis*; *Atilax paludinosus*; *Bathyergus suillus*; *Canis mesomelas*; *Caracal caracal*; *Ceratotherium simum*; *Chrysochloris asiatica*; *Connochaetes gnou*; *Crocidura flavescens*; *Damaliscus niro*; *Damaliscus pygargus*; *Dasymys incomtus*; *Dendromus melanotis*; *Dendromus mesomelas*; *Diceros bicornis*; *Equus capensis*; *Equus quagga*; *Felis silvestris*; *Galerella pulverulenta*; *Genetta*; *Georchus capensis*; *Gerbilliscus afra*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Homo sapiens*; *Hystrix africae australis*; *Ictonyx striatus*; *Lepus capensis*; *Lycaon pictus*; *Mellivora capensis*; *Mus minutoides*; *Myomyscus verreauxii*; *Myosorex varius*; *Mystromys albicaudatus*; *Oreotragus oreotragus*; *Otomys irroratus*; *Otomys saundersiae*; *Panthera leo*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Potamochoerus larvatus*; *Procavia capensis*; *Raphicerus melanotis*; *Redunca arundinum*; *Redunca fulvorufula*; *Rhabdomys pumilio*; *Suncus varilla*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus strepsiceros*. References: Armstrong (2016); Avery (1977, 1979); Avery *et al.* (1997); Brophy *et al.* (2014); Grine *et al.* (1991); Klein (1975b); Klein and Cruz-Urbe (2000); Marean *et al.* (2000); Rightmire (1979a); Schweitzer (1974, 1979); Schweitzer and Scott (1973); Wadley (2015).
- Diepkloof** (3223:1827). Taxa: *Antidorcas*; *Atelerix frontalis*; *Bathyergus suillus*; *Canis mesomelas*; *Connochaetes gnou*; *Equus capensis*; *Felis silvestris*; *Galerella pulverulenta*; *Genetta*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Homo sapiens*; *Hystrix*

africae australis; *Lepus*; *Mellivora capensis*; *Oreotragus oreotragus*; *Orycteropus afer*; *Panthera pardus*; *Papio ursinus*; *Pelea capreolus*; *Procavia capensis*; *Raphicerus campestris*; *Raphicerus melanotis*; *Redunca arundinum*; *Syncerus antiquus*; *Taurotragus oryx*; *Vulpes chama*.

References: Klein and Steele (2008); Steele and Klein (2013); Wadley (2015).

Dikbosch 1 (2839:2354). Taxa: *Aethomys chrysophilus*; *Alcelaphus buselaphus*; *Ceratotherium simum?*; *Crocidura cyanea*; *Crocidura flavescens*; *Crocidura hirta*; *Cryptomys hottentotus*; *Equus quagga* cf.; *Gerbilliscus*; *Gerbillurus paeba*; *Graphiurus ocularis*; *Hippopotamus amphibius*; *Lepus*; *Mystromys natalensis*; *Mus minutoides*; *Mystromys albicaudatus*; *Oreotragus oreotragus*; *Otomys saundersiae*; *Procavia capensis*; *Raphicerus*; *Redunca fulvorufula*; *Rhabdomys pumilio*; *Sylvicapra grimmia?*; *Steatomys*; *Suncus lixus*; *Taurotragus oryx*. References: Avery and Avery (2011); Humphreys (1974); Humphreys and Thackeray (1983); Klein (1979a).

Dinaledi Chamber (2601:2743). Taxa: *Homo naledi*. References: Berger *et al.* (2015).

Doring River (2810:2648). Taxa: *Alcelaphus buselaphus*; *Antidorcas bondi*; *Connochaetes taurinus*; *Damaliscus niro*; *Damaliscus pygargus*; *Megalotragus priscus*; *Syncerus antiquus*. References: Brink *et al.* (1999).

Draaihoek (2824). Taxa: *Diceros bicornis* cf.; *Megalotragus priscus*. References: Cooke (1949a).

Driefontein (3225). Taxa: *Antidorcas bondi*; *Damaliscus niro* cf.; *Equus capensis* cf.; *Equus quagga* cf.; *Megalotragus priscus*; *Oryx gazella* cf.; *Phacochoerus africanus* cf.; *Raphicerus campestris*; *Redunca arundinum* cf.; *Syncerus antiquus*; *Taurotragus oryx*. References: Wells (1970b).

Drimolen (2527). Taxa: *Acomys spinosissimus* aff.; *Antidorcas recki*; *Canis*; *Caracal caracal*; *Cercopithecoides*; *Chasmaporthetes nitidula?*; *Connochaetes*; *Cryptomys hottentotus* cf.; *Damaliscus*; *Dasymys 'bolti'*; *Dendromus melanotis* cf.; *Desmodillus auricularis*; *Dinofelis piveteaui* aff.; *Elephantulus*; *Eurygnathohippus cornelianus* cf.; *Gazella vanhoepeni* aff.; *Gerbilliscus*; *Grammomys dolichurus*; *Graphiurus*; *Hippotragus*; *Homo*; *Malacothrix*; *Mastomys natalensis*; *Megalotragus*; *Metridiochoerus*; *Mus*; *Myosorex*; *Mystromys hausleitneri*; *Oreotragus*; *Otomys gracilis*; *Papio robinsoni*; *Paranthropus robustus*; *Pelea*; *Praomys*; *Proodontomys cookei*; *Redunca* cf.; *Rhabdomys pumilio* aff.; *Steatomys pratensis* cf.; *Suncus*; *Tragelaphus*; *Vulpes chama*. References: Dusseldorp *et al.* (2013); Keyser *et al.* (2000); Moggi-Cecchi *et al.* (2010); O'Regan and Menter (2009); Reynolds (2010b); Rovinsky *et al.* (2015); S negas *et al.* (2005).

Drotsky's Cave (2002:2125). Taxa: *Equus burchellii*; *Gerbilliscus brantsii* cf.; *Gerbillurus paeba*; *Mystromys albicaudatus*; *Otomys angoniensis* cf.; *Pedetes capensis*. References: Robbins *et al.* (1996); Yellen *et al.* (1987).

Duinefontein (3343:1827). Taxa: *Antidorcas australis*; *Bathyergus suillus*; *Canis mesomelas*; *Caracal caracal*; *Ceratotherium simum*; *Crocuta crocuta*; *Damaliscus pygargus*; *Diceros bicornis*; *Equus quagga*; *Felis silvestris*; *Galerella pulverulenta*; *Genetta*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Hystrix africae australis*; *Ictonyx striatus*; *Leptailurus serval*; *Lepus capensis*; *Loxodonta africana*; *Megalotragus priscus*; *Oryx gazella*; *Panthera leo*; *Parahyaena brunnea*; *Raphicerus melanotis*; *Redunca arundinum*; *Syncerus antiquus*; *Taurotragus oryx*; *Tragelaphus strepsiceros*. References: Brophy *et al.* (2014); Cruz-Uribe *et al.* (2003); Klein (1976b); Klein and Cruz-Uribe (1991); Klein *et al.* (1999a).

Elands Bay Cave (3218:1820). Taxa: *Alcelaphus buselaphus*; *Antidorcas*; *Atelerix frontalis*; *Bathyergus suillus*; *Canis mesomelas*; *Caracal caracal*; *Crocidura cyanea*; *Crocidura*

flavescens; *Cryptomys hottentotus*; *Diceros bicornis*; *Elephantulus edwardii*; *Elephantulus rupestris*; *Equus capensis*; *Equus quagga*; *Felis silvestris*; *Gerbilliscus afra*; *Gerbillurus paeba*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Hystrix africaeaustralis*; *Ictonyx striatus*; *Lepus*; *Loxodonta africana*; *Loxodonta cookei*; *Mellivora capensis*; *Micaelamys namaquensis*; *Myosorex varius*; *Mystromys albicaudatus*; *Myotomys unisulcatus*; *Oreotragus oreotragus*; *Orycteropus afer*; *Otomys irroratus*; *Otomys saundersiae*; *Panthera pardus*; *Papio ursinus*; *Potamochoerus larvatus*; *Procapra capensis*; *Raphicerus campestris*; *Raphicerus melanotis*; *Redunca arundinum*; *Rhabdomys pumilio*; *Steatomys krebsii*; *Suncus varilla*; *Sylvicapra grimmia*; *Syncerus caffer*; *Taurotragus oryx*; *Vulpes chama*.
References: Avery (unpublished); Dusseldorp *et al.* (2013); Jerardino *et al.* (2013); Klein and Cruz-Urbe (1987); Klein *et al.* (2007); Pfeiffer (2013).

Elandsfontein (3305:1815). Taxa: *Alcelaphus*; *Antidorcas australis*; *Antidorcas recki*; *Aonyx capensis*; *Atilax paludinosus*; *Bathyergus suillus*; *Canis mesomelas*; *Caracal caracal*; *Ceratotherium simum*; *Connochaetes gnou*; *Crocota crocuta*; *Damaliscus lunatus* cf.; *Damaliscus niro*; *Diceros bicornis*; *Equus capensis*; *Equus quagga*; *Felis silvestris*; *Gazella*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus gigas*; *Hippotragus leucophaeus*; *Homo rhodesiensis*; *Hystrix africaeaustralis*; *Ictonyx striatus*; *Kolpochoerus paiceae*; *Lepus capensis*; *Loxodonta africana*; *Loxodonta atlantica*; *Lycaon pictus*; *Megalotragus priscus*; *Megantereon gracile*; *Mellivora capensis*; *Metridiochoerus andrewsi*; *Numidocapra arambourgi*; *Oryx gazella*; *Panthera leo*; *Panthera pardus*; *Parahyaena brunnea*; *Parmularius?*; *Phacochoerus africanus*; *Raphicerus melanotis*; *Redunca arundinum*; *Sivatherium maurisium*; *Smutsia*; *Suricata major*; *Suricata suricatta*; *Syncerus antiquus*; *Taurotragus oryx*; *Theropithecus oswaldi*; *Tragelaphus strepsiceros*; *Vulpes chama*.
References: Braun *et al.* (2013); Brophy *et al.* (2014); Drennan (1953); Ewer and Singer (1956); Hendey (1969); Klein (1974b, 1978c); Klein and Cruz-Urbe (1991); Klein *et al.* (2007); McKee *et al.* (1995); Singer (1956).

Equus Cave (2737:2438). Taxa: *Acinonyx jubatus*; *Alcelaphus buselaphus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Aonyx capensis*; *Ateleryx frontalis*; *Atilax paludinosus*; *Canis mesomelas*; *Caracal caracal*; *Connochaetes taurinus*; *Crocota crocuta*; *Cynictis penicillata*; *Damaliscus pygargus*; *Diceros bicornis*; *Equus burchellii*; *Equus capensis*; *Felis nigripes*; *Felis silvestris*; *Genetta*; *Giraffa camelopardalis*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus*; *Homo sapiens*; *Hystrix africaeaustralis*; *Kobus leche*; *Lepus*; *Lycaon pictus*; *Megalotragus priscus*; *Mellivora capensis*; *Orycteropus afer*; *Otocyon megalotis*; *Panthera leo*; *Panthera pardus*; *Papio ursinus*; *Parahyaena brunnea*; *Pedetes capensis*; *Pelea capreolus*; *Phacochoerus africanus*; *Procapra capensis*; *Raphicerus campestris*; *Redunca fulvorufula*; *Suricata suricatta*; *Sylvicapra grimmia*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus strepsiceros*; *Vulpes chama*. References: Brophy *et al.* (2014); Cruz-Urbe (1991); Grine and Klein (1985); Klein *et al.* (1991); McKee (1994); McKee *et al.* (1995).

Erfkroon (2852:2536). Taxa: *Alcelaphus buselaphus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Atilax paludinosus*; *Canis mesomelas*; *Connochaetes gnou*; *Crocota crocuta*; *Cynictis penicillata*; *Damaliscus niro*; *Damaliscus pygargus*; *Equus capensis*; *Galerella sanguinea*; *Hippopotamus amphibius*; *Hippotragus*; *Kobus ellipsiprymnus*; *Lycaon pictus* cf.; *Megalotragus priscus*; *Panthera leo*; *Phacochoerus*; *Syncerus antiquus*; *Vulpes chama*.
References: Bousman and Brink (2014); Brophy *et al.* (2014); Churchill *et al.* (2000b).

Etosha Pan (1816CA). Taxa: *Aepyceros melampus*; *Antidorcas marsupialis*; *Damaliscus lunatus*; *Equus quagga*; *Taurotragus oryx*; *Tragelaphus spekeii*. References: Pickford *et al.* (2014).

- Faraoskop Rock Shelter** (3207:1836). Taxa: *Procavia capensis*. References: Manhire (1993); Pfeiffer (2013).
- Femur Dump** (2602:2742). Taxa: *Acomys spinosissimus*; *Aethomys chrysophilus* cf.; *Cercopithecoides williamsi*; *Cryptomys hottentotus* cf.; *Dasymys 'bolti'*; *Dendromus melanotis*; *Dinofelis barlowi*; *Mastomys* cf.; *Micaelamys namaquensis* cf.; *Mus*; *Mystromys hausleitneri*; *Otomys gracilis* cf.; *Pachycrocuta brevirostris*; *Papio robinsoni*; *Proodontomys cookei*; *Rhabdomys pumilio* cf.; *Steatomys pratensis*. References: Gommery *et al.* (2008a); Reynolds (2010b).
- Florisbad** (2846:2604). Taxa: *Alcelaphus buselaphus*; *Alcelaphus caama* cf.; *Antidorcas bondi*; *Antidorcas marsupialis*; *Aonyx capensis*; *Atilax paludinosus*; *Canis mesomelas*; *Cephalophus* cf.; *Ceratotherium simum*; *Connochaetes antiquus*; *Connochaetes gnou*; *Crocota crocuta*; *Cryptomys?*; *Damaliscus niro*; *Damaliscus pygargus*; *Diceros bicornis*; *Equus (Asinus)*; *Equus burchellii*; *Equus capensis*; *Equus quagga*; *Galerella sanguinea*; *Gerbilliscus*; *Giraffa camelopardalis*; *Hippopotamus amphibius*; *Hippotragus*; *Homo sapiens*; *Kobus ellipsiprymnus*; *Kobus leche*; *Lepus capensis*; *Lycaon pictus*; *Megalotragus priscus*; *Metridiochoerus* cf.; *Myotomys sloggetti* cf.; *Myotomys unisulcatus* cf.; *Otomys irroratus* cf.; *Panthera leo*; *Parahyaena brunnea*; *Parotomys*; *Pedetes capensis*; *Pedetes hagenstadti*; *Phacochoerus africanus*; *Raphicerus campestris*; *Redunca arundinum*; *Sivatherium maurisium*; *Sylvicapra grimmia* cf.; *Syncerus antiquus*; *Taurotragus oryx*; *Tragelaphus angasii* cf.; *Xerus inauris*. References: Brink (1988, 1994, 2005); Brophy *et al.* (2014); Churchill *et al.* (2000b); Cooke (1955); Dreyer (1935); Ewer (1957b); Hoffman (1953); Kuman and Clarke (1986); Lewis *et al.* (2011); McKee *et al.* (1995); Scott and Brink (1992); Singer (1956); Wadley (2015).
- Forlorn Hope** (2824). Taxa: *Equus burchellii* cf.; *Equus capensis*; *Hippopotamus*. References: Cooke (1949a).
- Friesenberg Hilltop** (1917:1740). Taxa: *Lycaon* cf. References: Pickford and Senut (2010); S n gas (1996).
- Garage Ravine Cave** (2602:2752). Taxa: *Canis mesomelas*; *Equus capensis*; *Taurotragus oryx*. References: Badenhorst *et al.* (2011b).
- Gcwihaba C Hill** (2121:2001). Taxa: *Dendromus*; *Elephantulus*; *Georchus*; *Gerbilliscus brantsii* cf.; *Gerbillurus*; *Graphiurus*; *Malacothrix*; *Mus*; *Myosorex*; *Myotomys campbelli*; *Otomys gracilis*; *Rhinolophus*; *Steatomys pratensis*; *Suncus*; *Zelotomys woosnami* aff. References: Pickford (1990); Pickford and Mein (1988); Pickford and Senut (2003); Pickford *et al.* (1994).
- Geelbek Dunes** (3311:1810). Taxa: *Bathyergus suillus*; *Connochaetes gnou*; *Crocota crocuta*; *Damaliscus*; *Equus capensis*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Lepus capensis*; *Loxodonta africana*; *Megalotragus priscus*; *Mellivora capensis*; *Raphicerus campestris*; *Sylvicapra grimmia*; *Syncerus antiquus*; *Taurotragus oryx*. References: Conard and Kandel (2006); Kandel and Conard (2012).
- Geelwal Karoo** (3131:1804). Taxa: *Canis mesomelas*. References: Cooke (1955).
- Gladysvale** (2553:2746). Other names: Uitkomst. Taxa: *Acomys spinosissimus*; *Aepyceros melampus* cf.; *Aethomys chrysophilus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Antidorcas recki*; *Alcelaphus buselaphus*; *Australopithecus africanus* cf.; *Canis mesomelas*; *Cercopithecoides williamsi*; *Connochaetes gnou* cf.; *Connochaetes taurinus*; *Crocidura fuscomurina* cf.; *Crocota ultra* cf.; *Cryptomys hottentotus*; *Cryptomys robertsi*; *Damaliscus lunatus*; *Damaliscus pygargus*; *Dasymys incomtus*; *Dendromus melanotis*; *Desmodillus auricularis*; *Diceros bicornis*; *Dinofelis barlowi*; *Dinofelis piveteaui* cf.; *Elephantulus myurus*;

Elephas; *Eptesicus hottentotus*; *Equus burchellii*; *Equus capensis*; *Eurygnathohippus*; *Gerbilliscus*; *Grammomys*; *Hipposideros caffer*; *Hippotragus equinus*; *Hippotragus niger*; *Homo*; *Hystrix africaeaustralis*; *Kobus leche*; *Kolpochoerus paiceae?*; *Lemniscomys rosalia*; 'Makapania' broomi; *Mastomys*; *Megalotragus*; *Miniopterus natalensis*; *Mus minutoides*; *Myosorex robinsoni*; *Myotis tricolor*; *Myotomys sloggetti*; *Mystromys albicaudatus*; *Mystromys hausleitneri*; *Neoromicia capensis*; *Nyctereutes terblanchei* cf.; *Oreotragus oreotragus*; *Oryx gazella* cf.; *Otomys saundersiae*; *Pachycrocuta brevirostris*; *Otomys gracilis*; *Panthera leo*; *Panthera* cf. *pardus*; *Papio izodi* cf.; *Papio robinsoni* cf.; *Pelea capreolus*; *Phacochoerus antiquus* cf.; *Potamochoeroides hypsodon* cf.; *Potamochoerus larvatus*; *Procavia antiqua*; *Procavia capensis*; *Procavia transvaalensis*; *Proodontomys cookei*; *Raphicerus campestris*; *Redunca arundinum*; *Redunca darti*; *Redunca fulvorufula*; *Rhabdomys pumilio*; *Rhinolophus clivosus*; *Saccostomus campestris*; *Scotophilus nigrita*; *Steatomys*; *Stenodontomys*; *Suncus infinitesimus*; *Suncus varilla*; *Syncerus*; *Taurotragus oryx*; *Thallomys debruyni*; *Theropithecus oswaldi*; *Tragelaphus angasii*; *Tragelaphus strepsiceros*. References: Avery (1995a); Berger (1992, 1993); Berger *et al.* (1993); Broom (1937a, 1948a); Churcher (1956); Cooke (1962); Freedman (1970); Lacruz *et al.* (2002, 2003); Meester (1961a); Reynolds (2010b).

Gobabis townlands (2227:1858). Taxa: *Antidorcas bondi*; *Crocota crocuta*; *Damaliscus*; *Equus*; *Megalotragus priscus* cf.; *Phacochoerus africanus*. References: Jacobson (1978).

Gondolin (2549:2750). Taxa: *Antidorcas recki*; *Canis mesomelas*; *Ceratotherium simum*; *Connochaetes*; *Crocota crocuta*; *Damaliscus niro?*; *Damaliscus pygargus*; *Equus capensis* cf.; *Eurygnathohippus cornelianus* cf.; *Hippopotamus*; *Hippotragus equinus*; *Hystrix makapanensis*; *Metridiochoerus andrewsi*; *Oreotragus oreotragus*; *Procavia antiqua*; *Procavia transvaalensis*; *Redunca arundinum*; *Taurotragus oryx*; *Tragelaphus angasii*; *Tragelaphus strepsiceros*. References: Adams and Conroy (2005); Adams *et al.* (2007b); Kuykendall and Conroy (1999); Menter *et al.* (1999); Watson (1993b).

Gong-Gong (2824). Taxa: *Equus capensis*; *Mammuthus subplanifrons*; *Megalotragus priscus*. References: Cooke (1949a).

Groot Kloof (2411:2821). Taxa: *Damaliscus*; *Equus*; *Kobus leche*; *Syncerus antiquus*. References: Curnoe *et al.* (2006).

Haasgat (2551:2750). Taxa: *Alcelaphus buselaphus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Australopithecus?*; *Canis*; *Cercopithecoides haasgati*; *Cercopithecoides williamsi*; *Chasmaporthetes nitidula?*; *Connochaetes gnou*; *Connochaetes taurinus*; *Damaliscus pygargus*; *Dinofelis* cf.; *Equus burchellii*; *Equus capensis*; *Equus quagga* cf.; *Giraffa camelopardalis*; *Hippotragus equinus*; *Homo?*; *Hystrix africaeaustralis*; *Kobus ellipsiprymnus*; *Kobus leche*; *Megalotragus*; *Metridiochoerus* cf.; *Oreotragus oreotragus*; *Ourebia ourebi*; *Papio izodi*; *Parapapio broomi*; *Pelea capreolus*; *Procavia antiqua*; *Procavia capensis*; *Procavia transvaalensis*; *Pronolagus rupestris*; *Raphicerus*; *Redunca arundinum*; *Redunca fulvorufula*; *Sylvicapra grimmia*; *Taurotragus oryx*; *Tragelaphus strepsiceros*. References: Adams (2012b); Brophy *et al.* (2014); Keyser (1991); Keyser and Martini (1991); Leece *et al.* (2016); McKee and Keyser (1994); Plug and Keyser (1993); Reynolds (2010b).

Hadeco. See Minaar's Cave.

Halliwell's Workings (2824). Taxa: *Damaliscus lunatus* cf.; *Connochaetes*; *Equus burchellii* cf.; *Equus capensis*; *Equus quagga* cf.; *Hippopotamus amphibius*; *Loxodonta*; *Megalotragus priscus*; *Metridiochoerus compactus*; *Syncerus antiquus*. References: Cooke (1949a).

Hawston (3419AD). Taxa: *Diceros bicornis*; *Loxodonta africana*. References: Cooke (1955).

Hennops River (2551:2756). Taxa: *Mystromys hausleitneri*. References: Broom (1948a).

- Herolds Bay** (3315:2226). Taxa: *Alcelaphus buselaphus*; *Antidorcas marsupialis*; *Aonyx capensis*; *Canis mesomelas*; *Caracal caracal*; *Connochaetes gnou*; *Damaliscus*; *Equus*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Hystrix africae australis*; *Ictonyx striatus*; *Lepus capensis*; *Lycaon pictus*; *Mellivora capensis*; *Oreotragus oreotragus*; *Panthera leo*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Potamochoerus larvatus*; *Procapra capensis*; *Raphicerus melanotis*; *Redunca arundinum*; *Redunca fulvorufula*; *Sylvicapra grimmia*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*. References: Brink and Deacon (1982).
- Hettie 582** (2808:2658). Taxa: *Antidorcas marsupialis*; *Connochaetes gnou*; *Equus burchellii*; *Megalotragus priscus*; *Phacochoerus africanus*. References: De Ruiter *et al.* (2011).
- Heuningneskrans** (2436:3039). Taxa: *Aepyceros melampus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Equus burchellii*; *Hippotragus*; *Homo sapiens*; *Hystrix africae australis*; *Orycteropus afer*; *Panthera leo*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Phacochoerus africanus*; *Procapra capensis*; *Redunca arundinum*; *Sylvicapra grimmia*; *Syncerus caffer*; *Tragelaphus strepsiceros*. References: Klein (1984a).
- Hoedjiesbaai** (3317BD). Taxa: *Canis mesomelas*; *Procapra capensis*; *Raphicerus campestris*; *Suricata?*. References: Cooke (1955).
- Hoedjiespunt 1** (3303:1758). Taxa: *Acomys subspinosus*; *Antidorcas australis*; *Aonyx capensis*; *Atilax paludinosus*; *Bathyergus suillus*; *Canis mesomelas*; *Ceratotherium simum*; *Crocidura cyanea*; *Crocota crocuta*; *Cryptomys hottentotus*; *Damaliscus pygargus*; *Elephantulus rupestris*; *Equus capensis*; *Equus quagga*; *Felis nigripes*; *Felis silvestris*; *Genetta tigrina*; *Gerbilliscus afra*; *Herpestes ichneumon*; *Homo rhodesiensis*; *Hystrix africae australis*; *Ictonyx striatus*; *Lepus capensis*; *Lepus saxatilis*; *Lycaon pictus*; *Megalotragus priscus*; *Mellivora capensis*; *Micaelamys namaquensis*; *Myomyscus verreauxii*; *Myosorex varius*; *Myotomys sloggetti*; *Myotomys unisulcatus*; *Mystromys albicaudatus*; *Otomys irroratus*; *Otomys saundersiae*; *Panthera leo*; *Panthera pardus*; *Parahyaena brunnea*; *Parotomys brantsii*; *Pelea capreolus*; *Procapra capensis*; *Raphicerus*; *Redunca arundinum*; *Rhabdomys pumilio*; *Rhinolophus clivosus*; *Suricata suricatta*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus strepsiceros*; *Vulpes chama*; *Zelotomys woosnami*. References: Berger and Parkington (1995); Brophy *et al.* (2014); Churchill *et al.* (2000a); Matthews *et al.* (2005, 2006); Stynder (1997).
- Hofmeyr Cave** (3125DB). Taxa: *Homo sapiens*. References: Dusseldorp *et al.* (2013); Grine *et al.* (2007).
- Homestead Area** (2824). Taxa: *Aepyceros melampus*; *Equus capensis*; *Phacochoerus africanus*. References: Cooke (1949a).
- Hoogstede** (3151:2607). Taxa: *Equus burchellii*; *Megalotragus priscus* cf. References: Cooke (1955).
- Jack's Camp** (2033:2512) Other names: SAAN-0036. Taxa: *Hippopotamus*; *Hippotragus*; *Kobus ellipsiprymnus* cf.; *Syncerus antiquus*; *Tragelaphus*. References: Berger and Brink (2001).
- Jägersquelle** (1925:1804). Taxa: *Acomys*; *Crocidura*; *Cryptomys*; *Gerbillurus*; *Malacothrix*; *Micaelamys*; *Miniopterus*; *Mus*; *Mystromys*; *Panthera pardus*; *Parapapio*; *Rhinolophus*; *Steatomys*; *Zelotomys*. References: Pickford and Senut (2010).
- Jakkalsfontein** (3123AC). Taxa: *Equus burchellii*; *Equus capensis*. References: Cooke (1955).
- Kalk Bay** (3418AB). Taxa: *Hippopotamus amphibius*; *Loxodonta africana*. References: Cooke (1955).
- Kalk Plateau** (2417DB). Taxa: *Equus burchellii*. References: Cooke (1955).

Kalkbank (2332:2921). Taxa: *Aepyceros melampus*; *Alcelaphus buselaphus*; *Alcelaphus caama* cf.; *Antidorcas bondi*; *Antidorcas marsupialis*; *Connochaetes taurinus*; *Crocota crocuta*; *Damaliscus lunatus* cf.; *Diceros bicornis*; *Equus burchellii*; *Equus capensis*; *Georychus capensis*; *Giraffa camelopardalis*; *Hippopotamus amphibius*; *Hystrix africae australis*; *Ichneumia albicauda*; *Kobus ellipsiprymnus*; *Loxodonta africana*; *Lycaon pictus*; *Megalotragus priscus*; *Panthera leo*; *Panthera pardus*; *Phacochoerus africanus*; *Redunca fulvorufula*; *Syncerus antiquus*; *Taurotragus oryx*; *Vulpes chama* cf. References: Brown (1988); Cooke (1962); Ewer (1958a, 1962); Hutson (2006); Hutson and Cain (2008); Wadley (2015).

Kalkoenkrans 225 (2810:2645). Taxa: *Antidorcas marsupialis*; *Connochaetes gnou*. References: De Ruiter *et al.* (2011).

Kathu Pan (2740:2301). Taxa: *Alcelaphus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Ceratotherium simum*; *Elephas recki*; *Equus burchellii*; *Equus capensis*; *Giraffa camelopardalis*; *Hippopotamus amphibius*; *Hippotragus* cf.; *Megalotragus priscus*; *Orycteropus afer*; *Pedetes capensis*; *Pelea capreolus*; *Phacochoerus africanus*; *Redunca*; *Syncerus antiquus*; *Syncerus caffer*; *Tragelaphus*. References: Klein (1988); Wadley (2015).

Keeble's Paddock (2824). Taxa: *Connochaetes gnou* cf.; *Equus burchellii*; *Equus capensis*; *Hippopotamus amphibius*; *Hippotragus niger*; 'Kobus' *altidens*; *Phacochoerus*. References: Cooke (1949a).

Klasies River (3406:2424). Taxa: *Acomys subspinosus*; *Alcelaphus buselaphus* cf.; *Amblysomus hottentotus*; *Antidorcas australis*; *Aonyx capensis*; *Atilax paludinosus*; *Bathyergus suillus*; *Canis mesomelas*; *Caracal caracal* cf.; *Chlorotalpa duthiae*; *Connochaetes*; *Crociodura cyanea*; *Crociodura flavescens*; *Cryptomys hottentotus*; *Damaliscus niro*; *Damaliscus pygargus*; *Dasymys incomtus*; *Dendromus melanotis*; *Dendromus mesomelas*; *Diceros bicornis*; *Equus quagga*; *Felis silvestris*; *Galerella pulverulenta*; *Genetta*; *Georychus capensis*; *Grammomys dolichurus*; *Graphiurus ocularis*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Homo sapiens*; *Hystrix africae australis*; *Kobus*; *Lepus capensis*; *Loxodonta africana*; *Macroselides proboscideus*; *Mastomys coucha*; *Megalotragus priscus*; *Mellivora capensis*; *Micaelamys namaquensis*; *Mus minutoides*; *Myomyscus verreauxii*; *Myosorex varius*; *Mystromys albicaudatus*; *Orycteropus afer*; *Otomys irroratus*; *Otomys laminatus*; *Otomys saundersiae*; *Ourebia ourebi*; *Panthera pardus*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Phacochoerus africanus*; *Philantomba monticola*; *Potamochoerus larvatus*; *Procavia capensis*; *Raphicerus melanotis*; *Redunca arundinum*; *Redunca fulvorufula*; *Rhabdomys pumilio*; *Suncus infinitesimus*; *Sylvicapra grimmia*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*; *Thallomys paeudulcus*; *Tragelaphus scriptus*; *Tragelaphus strepsiceros*. References: Avery (1987b, 1995b); Brophy *et al.* (2014); Grine *et al.* (1998); Henderson (1992); Klein (1975b, 1976a); McKee *et al.* (1995); Pearce (2008); Rightmire and Deacon (1991); Van Pletzen (2000); Wadley (2015).

Klipdrift Complex (3427:2044). Taxa: *Alcelaphus buselaphus*; *Antidorcas marsupialis* cf.; *Bathyergus suillus*; *Connochaetes gnou*; *Damaliscus pygargus*; *Diceros bicornis*; *Equus*; *Lepus saxatilis*; *Oreotragus oreotragus*; *Ourebia ourebi*; *Parahyaena brunnea*; *Pelea capreolus*; *Procavia capensis*; *Raphicerus*; *Redunca arundinum*; *Redunca fulvorufula*; *Sylvicapra grimmia*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*. References: Harvati *et al.* (2015); Henshilwood *et al.* (2014); Reynard *et al.* (2016a, 2016b); Wadley (2015).

Koanaka Hills. See !Ncumtsa.

Koffiefontein (2925AC). Taxa: *Equus capensis*. References: Wells (1940).

- Kombat E900** (1942:1743). Taxa: *Antidorcas*; *Procavia*. References: Pickford and Senut (2010).
- Kraanvogelvallei Breakwater** (2824). Taxa: *Hippopotamus amphibius*. References: Cooke (1949a).
- Kramleeg** (3017:1724). Taxa: *Pedetes capensis* cf. References: Pickford and Mein (2011).
- Kranskraal** (2928AB). Taxa: *Megalotragus priscus*. References: Hoffman (1953).
- Kromdraai** (2600:2745). Taxa: *Acomys*; *Arvicanthis*; *Canis antiquus*; *Canis atrox*; *Chrysoxalax*; *Connochaetes taurinus* cf.; *Crocota crocuta*; *Crocota ultra*; *Crossarchus transvaalensis* cf.; *Cryptomys robertsi*; *Dasymys*; *Dendromus*; *Desmodillus*; *Elephantulus antiquus*; *Elephantulus brachyrhynchus*; *Elephantulus broomi*; *Eptesicus hottentotus* cf.; *Equus burchellii*; *Equus capensis*; *Equus quagga*; *Eurygnathohippus cornelianus*; *Felis crassidens*; *Gerbilliscus leucogaster* cf.; *Gorgopithecus major*; *Grammomys dolichurus* cf.; *Graphiurus*; *Hyaena hyaena*; *Lemniscomys*; *Macroscelides proboscideus*; *Malacothrix*; *Mastomys natalensis* cf.; *Mellivora*; *Metridiochoerus andrewsi*; *Metridiochoerus modestus*; *Micaelamys namaquensis* cf.; *Mus*; *Myosorex robinsoni*; *Myotis tricolor* cf.; *Myotis welwitschii* cf.; *Mystromys hausleitneri*; *Nyctereutes terblanchei*; *Otomys gracilis*; *Panthera leo*; *Papio izodi*; *Parahyaena brunnea*; *Paranthropus robustus*; *Parmularius parvus*; *Potamochoeroides hypsodon*; *Proamblysomus antiquus*; *Procavia transvaalensis*; *Proodontomys cookei*; *Rhabdomys pumilio* cf.; *Rhinolophus capensis* cf.; *Steatomys*; *Suncus varilla* cf.; *Taphozous*; *Thallomys paedulus* cf.; *Theropithecus oswaldi*; *Vulpes pulcher*; *Zelotomys*. References: Broom (1939c, 1940, 1948a); Broom and Robinson (1948); Brophy *et al.* (2014); Churcher (1970); De Graaff (1961b); De Ruiter (2004); De Ruiter *et al.* (2008b); Ewer (1958b); Freedman (1970); Freedman and Brain (1972); Gommery *et al.* (2008b); McCrae and Potze (2006); Pickford (2013b); Pocock (1985, 1987); Reynolds (2010b); Singleton *et al.* (2016); Thackeray *et al.* (2001, 2005); Turner (1986); Vrba (1981).
- Larsen's Pits, Main Workings and Shaft 47** (2820:2444). Taxa: *Alcelaphus robustus*; *Connochaetes*; *Damaliscus pygargus* cf.; *Equus burchellii*; *Equus capensis*; *Equus sandwithi*; *Hippopotamus amphibius*; *Metridiochoerus compactus*; *Phacochoerus africanus*; *Phacochoerus altidens*; *Syncerus antiquus*; *Syncerus caffer*. References: Cooke (1949a, 1949b); Shaw and Cooke (1940).
- LeRoux 717** (2811:2659). Taxa: *Antidorcas marsupialis*. References: De Ruiter *et al.* (2011).
- Lesedi Chamber** (2601:2743). Taxa: *Homo naledi*. References: Hawks *et al.* (2017).
- Lincoln Cave** (2627BA). Taxa: *Antidorcas*; *Canis mesomelas*; *Damaliscus niro*; *Equus burchellii*; *Hippopotamus amphibius*; *Hippotragus*; *Homo erectus* cf.; *Hystrix* cf.; *Otocyon megalotis*; *Papio ursinus* cf.; *Pedetes capensis*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Raphicerus*; *Suricata suricatta*; *Taurotragus oryx* cf.; *Tragelaphus scriptus* cf.; *Vulpes chama*. References: Reynolds *et al.* (2007); Wadley (2015).
- Linkerhandsgat** (3419). Taxa: *Alcelaphus caama* cf.; *Canis mesomelas*; *Crocota*. References: Cooke (1955).
- Little England** (3222BD). Taxa: *Equus burchellii* cf. References: Cooke (1955).
- Longlands** (2824). Taxa: *Crocota crocuta*; *Equus burchellii*; *Equus capensis*; *Hippopotamus amphibius*; *Metridiochoerus andrewsi*; *Notochoerus capensis*. References: Broom (1925, 1928); Cooke (1949a).
- Lower Kemp's Cave** (2605:2742). Taxa: *Aepyceros melampus*; *Alcelaphus buselaphus*; *Antidorcas marsupialis*; *Canis mesomelas*; *Connochaetes gnou*; *Connochaetes taurinus*; *Crocota crocuta*; *Damaliscus pygargus*; *Equus burchellii*; *Equus capensis*; *Genetta genetta*; *Hippotragus niger* cf.; *Hystrix africaeaustralis*; *Leptailurus serval*; *Lepus saxatilis*; *Panthera*

- pardus*; *Papio ursinus*; *Parahyaena brunnea*; *Pedetes capensis*; *Pelea capreolus*; *Phacochoerus africanus*; *Potamochoerus larvatus*; *Procavia capensis*; *Pronolagus*; *Raphicerus campestris*; *Redunca arundinum*; *Taurotragus oryx*; *Tragelaphus strepsiceros*; *Vulpes chama*. References: Swanepoel (2003).
- Luleche** (2550:2751). Taxa: *Oreotragus oreotragus*; *Redunca*; *Tragelaphus angasii*. References: Adams *et al.* (2007a).
- Mahemspan** (2746:2609). Taxa: *Alcelaphus buselaphus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Connochaetes gnou*; *Connochaetes taurinus*; *Crocota crocuta*; *Damaliscus niro*; *Damaliscus pygargus*; *Equus capensis*; *Equus quagga* cf.; *Hippopotamus amphibius*; *Hippotragus*; *Hystrix africaeaustralis*; *Kobus leche*; *Megalotragus priscus*; *Panthera leo*; *Phacochoerus africanus*; *Syncerus antiquus*; *Taurotragus oryx*. References: Brink (1993, 2005); Brophy *et al.* (2014); Hoffman (1953); Van Hoepen (1947).
- Malapa** (2553:2748). Taxa: *Atilax mesotes*; *Australopithecus sediba*; *Cynictis* cf.; *Dinofelis barlowi*; *Elephantulus*; *Equus*; *Felis nigripes*; *Felis silvestris*; *Genetta*; *Lepus*; *Lycaon*; *Megantereon whitei*; *Mungos*; *Oreotragus*; *Panthera pardus*; *Papio*; *Parahyaena brunnea*; *Rhynchogale* cf.; *Tragelaphus scriptus* cf.; *Tragelaphus strepsiceros* cf.; *Vulpes chama*; *Vulpes skinneri*. References: Dirks *et al.* (2010); Kuhn *et al.* (2011, 2016); Val *et al.* (2011, 2014).
- Meerholtzkop** (2727BB). Taxa: *Megalotragus priscus*. References: Hoffman (1953).
- Melkbos** (3342:1824). Taxa: *Antidorcas australis*; *Bathyergus suillus*; *Canis mesomelas*; *Ceratotherium simum*; *Connochaetes*; *Diceros bicornis*; *Equus capensis*; *Hippopotamus amphibius*; *Loxodonta africana*; *Panthera leo*; *Parahyaena brunnea*; *Raphicerus*; *Redunca arundinum*; *Syncerus*; *Taurotragus oryx*; *Tragelaphus strepsiceros*. References: Hendey (1968, 1969); Klein (1974b).
- Mimosa 559** (2827:2638). Taxa: *Antidorcas bondi*; *Antidorcas marsupialis*; *Connochaetes gnou*; *Damaliscus pygargus*; *Equus burchellii*; *Equus capensis*; *Giraffa camelopardalis*; *Hippotragus niger*; *Hystrix africaeaustralis*; *Kobus ellipsiprymnus*; *Kobus leche*; *Megalotragus priscus*; *Phacochoerus africanus*. References: De Ruiter *et al.* (2011).
- Minaar's Cave** (2559:2746). Other names: SAAN-0004; Hadeco. Taxa: *Canis mesomelas*; *Crocota crocuta*; *Equus capensis*; *Hystrix africaeaustralis*; *Megalotragus*; *Oreotragus oreotragus*; *Panthera pardus*; *Papio izodi* cf.; *Procavia antiqua*; *Tragelaphus strepsiceros*. References: Brain (1981); Berger and Brink, (2001); Churcher (1970); Freedman (1970); Gommery *et al.* (2012b).
- Mitasrust Farm** (2826). Taxa: *Connochaetes antiquus* cf.; *Damaliscus pygargus*; *Equus burchellii*; *Equus capensis* cf.; *Megalotragus priscus*; *Phacochoerus africanus*; *Syncerus antiquus*. References: Rossouw (2006).
- Mockesdam** (2928AB). Taxa: *Megalotragus priscus*. References: Hoffman (1953).
- Modder River** (2825). *Megalotragus priscus*; *Syncerus antiquus*. References: Cooke (1955).
- Morris Draai** (2824). Taxa: *Equus capensis* cf.; *Hippopotamus amphibius*; *Hippotragus niger* cf.; *Tragelaphus strepsiceros*. References: Cooke (1949a).
- Motsetse** (2554:2749). Taxa: *Antidorcas*; *Canis mesomelas*; *Connochaetes taurinus*; *Crocota crocuta*; *Damaliscus*; *Dinofelis piveteaui*; *Equus*; *Genetta*; *Oreotragus oreotragus* cf.; *Pelea capreolus* cf.; *Procavia capensis*; *Redunca*; *Tragelaphus strepsiceros*. References: Berger and Lacruz (2003); Reynolds (2010b).
- Namib IV** (2347:1520). Taxa: *Elephas recki*; *Equus burchellii* cf.; *Syncerus caffer* cf. References: Klein (1988); Shackley (1980, 1985).
- Nelson Bay Cave** (3406:2322). Taxa: *Alcelaphus caama* cf.; *Antidorcas marsupialis* cf.; *Aonyx capensis*; *Atilax paludinosus*; *Canis mesomelas*; *Caracal caracal*; *Connochaetes gnou* cf.;

Damaliscus pygargus; *Equus capensis*; *Felis silvestris*; *Galerella pulverulenta*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus*; *Homo sapiens*; *Hystrix africae australis*; *Lepus capensis*; *Megalotragus*; *Mellivora capensis*; *Orycteropus afer*; *Ourebia ourebi*; *Panthera pardus*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Phacochoerus africanus*; *Philantomba monticola*; *Potamochoerus larvatus*; *Procavia capensis*; *Raphicerus*; *Redunca arundinum*; *Redunca fulvorufula*; *Smutsia temminckii* cf.; *Sylvicapra grimmia*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus scriptus*. References: Brophy *et al.* (2014); Klein (1972, 1974b); Pearce (2008).

Niekerk's Rush (2824). Taxa: *Equus burchellii*. References: Cooke (1949a).

Nooitgedacht (2830). Taxa: *Homo sapiens*. References: Morris *et al.* (1995).

Nooitgedacht (3419). Taxa: *Aepyceros melampus*; *Redunca arundinum*. References: Cooke (1955).

Nos (2530:1530). Taxa: *Antidorcas marsupialis*; *Canis*; *Procavia*. References: Thackeray (1979).

Nosib (1925:1748). Taxa: *Crociodura*; *Cryptomys*; *Dasymys*; *Dendromus*; *Gerbilliscus*; *Gerbillurus*; *Graphiurus*; *Malacothrix*; *Mastomys*; *Mus*; *Mystromys*; *Rhabdomys*; *Rhinolophus*; *Steatomys*; *Stenodontomys*; *Zelotomys*. References: Pickford and Senut (2010).

Nxazini Pans (2005:2522). Other names: SAAN-0034, 0035. Taxa: *Antidorcas bondi*; *Connochaetes taurinus* cf.; *Damaliscus*; *Elephas*; *Equus burchellii*; *Equus capensis* cf.; *Hippopotamus*; *Metridiochoerus*; *Phacochoerus*; *Procavia*; *Sylvicapra* cf.; *Syncerus*; *Tragelaphus scriptus*. References: Berger and Brink (2001).

Old Pont Site (2824). Taxa: *Elephas iolensis*; *Equus burchellii*; *Hippopotamus amphibius*; *Tragelaphus strepsiceros*. References: Cooke (1949a).

Ondera (1839:1339). Taxa: *Procavia*. References: Pickford and Senut (2010); Pickford *et al.* (1993).

Ongers River (2957:2311). Taxa: *Megalotragus priscus*. References: Brink *et al.* (1995).

Oranjemund (2833:1624). Taxa: *Homo sapiens*. References: Senut *et al.* (2000).

Otjiseva (2216BD). Taxa: *Homo sapiens*. References: De Villiers (1972a); Sydow (1969).

Peers Cave (3407:1825). Taxa: *Equus capensis*; *Equus zebra*; *Homo sapiens*. References: Cooke (1955); Pfeiffer (2013).

Pinnacle Point (3422AA). Taxa: *Alcelaphus buselaphus*; *Antidorcas marsupialis*; *Bathyergus suillus*; *Canis mesomelas*; *Caracal caracal*; *Connochaetes gnou*; *Crociodura cyanea*; *Crociodura flavescens*; *Cryptomys hottentotus*; *Damaliscus niro*; *Damaliscus pygargus*; *Dendromus mystacalis*; *Diceros bicornis*; *Elephantulus*; *Elephantulus edwardii*; *Equus capensis* cf.; *Equus quagga* cf.; *Felis silvestris*; *Galerella pulverulenta*; *Genetta*; *Georychus capensis*; *Gerbilliscus afra*; *Grammomys dolichurus*; *Hippotragus leucophaeus*; *Homo sapiens*; *Hystrix africae australis*; *Ictonyx striatus*; *Lepus capensis*; *Megalotragus priscus*; *Mellivora capensis*; *Mus minutoides*; *Myomyscus verreauxii*; *Myosorex varius*; *Myotis*; *Mystromys albicaudatus*; *Oreotragus oreotragus*; *Otocyon megalotis*; *Otomys irroratus*; *Otomys saundersiae*; *Panthera leo*; *Panthera pardus*; *Papio ursinus*; *Parahyaena brunnea*; *Pedetes capensis*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Raphicerus campestris*; *Raphicerus melanotis*; *Redunca arundinum*; *Redunca fulvorufula*; *Rhabdomys pumilio*; *Rhinolophus clivosus*; *Saccostomus campestris*; *Steatomys krebsii*; *Suncus infinitesimus*; *Suncus varilla*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus scriptus* cf.; *Vulpes chama*; *Zelotomys*. References: Armstrong (2016); Brophy *et al.* (2014); Marean *et al.* (2004); Matthews *et al.* (2009, 2011); McGrath *et al.* (2015); Rector and Reed (2010); Wadley (2015).

- Plovers Lake** (2559:2747). Taxa: *Aethomys chrysophilus*; *Alcelaphus buselaphus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Aonyx capensis*; *Atilax paludinosus*; *Canis mesomelas*; *Chlorocebus aethiops*; *Connochaetes gnou*; *Connochaetes taurinus*; *Crociodura silacea*; *Crocota crocuta* cf.; *Cryptomys hottentotus*; *Cynictis penicillata* cf.; *Damaliscus niro*; *Damaliscus pygargus*; *Dendromus melanotis*; *Elephantulus*; *Equus burchellii*; *Equus capensis*; *Felis silvestris*; *Galerella sanguinea* cf.; *Genetta tigrina*; *Gerbilliscus*; *Hippopotamus*; *Hippotragus*; *Homo sapiens*; *Hystrix africae australis*; *Ictonyx striatus*; *Kobus ellipsiprymnus*; *Lepus*; *Lycaon pictus*; *Mastomys natalensis*; *Megalotragus priscus*; *Mellivora capensis*; *Metridiochoerus andrewsi*; *Micaelamys namaquensis* cf.; *Mungos mungo* cf.; *Mus minutoides*; *Mystromys albicaudatus*; *Otocyon megalotis*; *Otomys irroratus*; *Panthera leo* cf.; *Panthera pardus* cf.; *Papio robinsoni*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Procavia transvaalensis*; *Raphicerus campestris*; *Redunca arundinum*; *Redunca fulvorufula*; *Steatomys pratensis*; *Suricata suricatta*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus strepsiceros*; *Vulpes chama*; *Zelotomys woosnami*.
References: Brophy *et al.* (2006, 2014); De Ruiter *et al.* (2008a); McKee *et al.* (1995); Reynolds (2010b); Thackeray and Watson (1994); Wadley (2015).
- Neil** (2824BD). Taxa: *Connochaetes gnou*; *Damaliscus niro*; *Damaliscus pygargus*; *Elephas iolensis*; *Equus burchellii*; *Equus capensis*; *Hippopotamus amphibius*; *Kobus leche* cf.; *Kolpochoerus paiceae*; *Loxodonta africana*; *Megalotragus priscus*; *Phacochoerus africanus*; *Phacochoerus altidens*; *Syncerus caffer*; *Taurotragus*. References: Broom (1928); Cooke (1939); Cooke and Wells (1946); Hoffman (1953); Hutson (2016); Shaw and Cooke (1940).
- Pockenbank** (2713:1631). Taxa: *Canis*; *Equus zebra* cf.; *Lepus*; *Oreotragus oreotragus*; *Oryx gazella*; *Procavia capensis*. References: Thackeray (1979); Wadley (2015).
- Pomongwe** (2032:2830). Taxa: *Connochaetes taurinus* cf.; *Damaliscus lunatus* cf.; *Equus burchellii*; *Equus capensis*; *Hippotragus equinus*; *Hippotragus niger*; *Hystrix africae australis*; *Kobus ellipsiprymnus*; *Lepus*; *Mellivora capensis*; *Oreotragus oreotragus*; *Panthera pardus*; *Pedetes capensis*; *Phacochoerus africanus*; *Potamochoerus larvatus*; *Procavia capensis*; *Raphicerus campestris*; *Raphicerus sharpei* cf.; *Redunca arundinum*; *Taurotragus oryx*; *Tragelaphus scriptus*; *Tragelaphus strepsiceros*. References: Brain (1981); Wadley (2015).
- Power's Site** (2832:2428DA). Taxa: *Alcelaphus caama* cf.; *Antidorcas bondi*; *Antidorcas recki*; *Ceratotherium simum*; *Connochaetes*; *Damaliscus pygargus* cf.; *Elephas iolensis*; *Elephas recki*; *Equus burchellii*; *Equus capensis*; *Equus quagga* cf.; *Equus sandwithi* cf.; *Hippopotamus amphibius*; *Loxodonta*; *Megalotragus priscus*; *Metridiochoerus andrewsi*; *Metridiochoerus compactus*; *Phacochoerus africanus*; *Phacochoerus altidens*; *Redunca arundinum*; *Sylvicapra grimmia*; *Syncerus antiquus*; *Syncerus caffer* cf.; *Taurotragus oryx*. References: Cooke (1949a); Klein (1988); Power (1955).
- Pretoria** (2528). Taxa: *Papio spelaeus*. References: Broom (1936b); Freedman (1970).
- Prieska** (2922DA). Taxa: *Megalotragus priscus*. References: Hoffman (1953).
- Putslaagte 8** (3218). Taxa: *Batherygus suillus*; *Caracal caracal*; *Equus*; *Hippotragus leucophaeus*; *Hystrix africae australis*; *Oreotragus oreotragus*; *Procavia capensis*; *Raphicerus*; *Redunca*; *Sylvicapra grimmia*; *Syncerus caffer*. References: Mackay *et al.* (2015).
- Ravenscraig** (3000:2747). Taxa: *Equus*; *Oreotragus oreotragus*; *Pelea capreolus*. References: Plug (1997b).
- Redcliff** (1901:2946). Taxa: *Aepyceros melampus*; *Alcelaphus* cf.; *Antidorcas bondi*; *Antidorcas marsupialis*; *Aonyx*; *Atelerix frontalis*; *Canis mesomelas*; *Ceratotherium simum*; *Connochaetes taurinus*; *Crocota crocuta*; *Damaliscus pygargus*; *Dendrohyrax arboreus*; *Equus*

- burchellii*; *Equus capensis*; *Felis silvestris*; *Galerella sanguinea*; *Giraffa camelopardalis*; *Hippopotamus amphibius*; *Hippotragus*; *Homo sapiens*; *Hystrix africae australis*; *Ichneumia albicauda*; *Kobus ellipsiprymnus*; *Kobus leche*; *Lepus*; *Loxodonta africana*; *Lycaon pictus*; *Megalotragus priscus*; *Mellivora capensis*; *Metridiochoerus*; *Oreotragus oreotragus*; *Orycteropus afer*; *Ourebia ourebi*; *Panthera leo*; *Panthera pardus*; *Papio ursinus*; *Parahyaena brunnea*; *Pedetes capensis*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Raphicerus*; *Redunca arundinum*; *Redunca fulvorufula*; *Smutsia temminckii*; *Sylvicapra grimmia*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus strepsiceros*; *Vulpes chama*. References: Cruz-Urbe (1983); Klein (1978b); Wadley (2015).
- Reunion Rocks** (2930DD). Taxa: *Loxodonta africana*. References: Ramsay *et al.* (1993).
- Riet River** (2614:2948). Taxa: *Connochaetes antiquus*; *Equus quagga*; *Homo*; *Kobus leche*; *Megalotragus cf.*; *Parahyaena brunnea*; *Phacochoerus*. References: Berger and Brink (1996).
- Rietfontein** (1942:1753). Taxa: *Antidorcas*; *Oryx*; *Panthera pardus*; *Procavia*. References: Pickford and Senut (2010).
- River-bed above the Island** (2824). Taxa: *Equus capensis*; *Hippopotamus amphibius*; *Loxodonta africana cf.*; *Syncerus caffer*. References: Cooke (1949a).
- River-bed below the Island** (2824). Taxa: *Elephas iolensis*; *Hippopotamus amphibius*. References: Cooke (1949a).
- Riverton** (2831:2442). Taxa: *Equus burchellii*; *Equus capensis*; *Hippopotamus amphibius*; *Phacochoerus africanus*. References: Cooke (1949a).
- Rocky II and III** (1748:1342). Taxa: *Crocidura*; *Desmodillus*; *Elephantulus*; *Gerbilliscus*; *Graphiurus*; *Lepus*; *Malacothrix*; *Mastomys*; *Mus*; *Myotis*; *Nycteris*; *Pedetes*; *Petromys*; *Petromyscus*; *Procavia*; *Rhabdomys*; *Rhinolophus*; *Saccostomus*; *Steatomys*; *Thallomys*; *Thryonomys*; *Zelotomys*. References: Pickford and Senut (2010); Pickford *et al.* (1993).
- Rose Cottage Cave** (2913:2728). Taxa: *Aepyceros melampus cf.*; *Alcelaphus buselaphus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Aonyx capensis cf.*; *Cephalophus natalensis*; *Connochaetes gnou*; *Connochaetes taurinus*; *Cricetomys ansorgei cf.*; *Cryptomys hottentotus*; *Damaliscus pygargus*; *Equus burchellii*; *Equus capensis*; *Giraffa camelopardalis cf.*; *Herpestes*; *Hippotragus leucophaeus cf.*; *Homo sapiens*; *Hystrix africae australis*; *Lepus*; *Mastomys natalensis*; *Megalotragus priscus*; *Papio ursinus*; *Pedetes capensis*; *Pelea capreolus cf.*; *Phacochoerus africanus*; *Philantomba monticola*; *Potamochoerus larvatus*; *Procavia capensis*; *Redunca fulvorufula*; *Smutsia temminckii*; *Sylvicapra grimmia cf.*; *Syncerus antiquus cf.*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus scriptus*; *Tragelaphus strepsiceros*. References: Avery (1997b); Brophy *et al.* (2014); Plug (1997b); Plug and Engela (1992); Welbourne (1988); Wells (2006).
- SAAN-0005** (2559:2746). Taxa: *Equus capensis*; *Megalotragus*; *Oreotragus oreotragus*; *Procavia capensis*. References: Berger and Brink (2001).
- SAAN-0034, 0035**. See Nxazini Pans.
- SAAN-0036**. See Jack's Camp.
- SAAN-004**. See Minaar's Cave.
- SAAN-0042, 0043**. See Thomeng.
- Saldanha Bay** (3300:1757). Taxa: *Equus capensis*. References: Cooke (1955); Freedman (1970).
- Saldanha Bay Yacht Club** (3317BB). Taxa: *Bathyergus suillus*; *Chrysochloris asiatica*; *Crocidura cyanea*; *Crocidura flavescens*; *Cryptomys hottentotus*; *Dendromus melanotis*; *Dendromus mesomelas*; *Elephantulus edwardii*; *Gerbilliscus afra*; *Gerbillurus paeba*; *Myosorex varius*; *Myotomys unisulcatus*; *Mystromys albicaudatus*; *Otomys irroratus*; *Otomys*

saundersiae; *Rhabdomys pumilio*; *Rhinolophus clivosus*; *Steatomys krebsii*; *Suncus varilla*.

References: Manthi (2002); Matthews *et al.* (2007).

Sand River (2826AA). Taxa: *Megalotragus priscus*. References: Hoffman (1953); Van Hoepen (1947).

Schmidt's Drift (2824DA). Taxa: *Equus capensis*. References: Cooke (1949a).

Schoolplaats No. 1 (2824BB). Taxa: *Equus capensis*. References: Cooke (1949a).

Sea Harvest (3301:1757). Taxa: *Acinonyx jubatus*; *Antidorcas australis* cf.; *Aonyx capensis*; *Bathyergus suillus*; *Canis mesomelas*; *Ceratotherium simum*; *Crocota crocuta*; *Damaliscus pygargus*; *Equus capensis*; *Equus quagga*; *Felis silvestris*; *Galerella pulverulenta*; *Genetta tigrina* cf.; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Homo sapiens*; *Hystrix africae australis*; *Ictonyx striatus*; *Leptailurus serval* cf.; *Leptis capensis*; *Lepus saxatilis*; *Loxodonta africana*; *Lycaon pictus*; *Mellivora capensis*; *Oreotragus oreotragus*; *Orycteropus afer*; *Panthera leo*; *Panthera pardus*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Raphicerus campestris*; *Raphicerus melanotis*; *Redunca arundinum*; *Sylvicapra grimmia*; *Taurotragus oryx*; *Tragelaphus strepsiceros*. References: Brophy *et al.* (2014); Grine and Klein (1993).

Sehonghong (2946:2847). Taxa: *Alcelaphus buselaphus*; *Antidorcas marsupialis*; *Canis mesomelas*; *Caracal caracal*; *Chlorocebus pygerythrus*; *Connochaetes gnou*; *Cryptomys hottentotus*; *Damaliscus pygargus*; *Equus capensis*; *Equus quagga*; *Hippotragus equinus*; *Hippotragus leucophaeus*; *Hystrix africae australis*; *Ictonyx striatus*; *Lepus saxatilis*; *Megalotragus priscus*; *Oreotragus oreotragus*; *Panthera leo*; *Panthera pardus*; *Papio ursinus*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Raphicerus campestris*; *Redunca fulvorufula*; *Sylvicapra grimmia*; *Taurotragus oryx*. References: Horsburgh *et al.* (2016); Plug and Mitchell (2008); Wadley (2015).

Sheppard Island (2725DA). Other names: Bloemhof site. Taxa: *Elephas iolensis*; *Equus burchellii*; *Equus capensis*; *Equus sandwithi*; *Hippopotamus amphibius*; *Megalotragus priscus*; *Phacochoerus africanus* cf.; *Syncerus antiquus*; *Syncerus caffer*; *Tragelaphus?*. References: Cooke (1949a, 1955).

Sibudu (2931:3105). Taxa: *Aepyceros melampus*; *Alcelaphus buselaphus*; *Aonyx capensis* cf.; *Atilax paludinosus*; *Cephalophus natalensis*; *Cercopithecus albogularis*; *Chlorocebus aethiops*; *Chlorocebus pygerythrus*; *Connochaetes taurinus*; *Cricetomys ansorgei*; *Cryptomys hottentotus*; *Damaliscus pygargus*; *Elephantulus myurus*; *Equus burchellii* cf.; *Equus capensis* cf.; *Equus quagga*; *Felis silvestris*; *Galerella sanguinea*; *Genetta tigrina* cf.; *Georychus capensis*; *Giraffa camelopardalis*; *Hippopotamus amphibius*; *Hippotragus equinus*; *Homo sapiens*; *Hystrix africae australis* cf.; *Ictonyx striatus* cf.; *Kobus ellipsiprymnus*; *Lepus saxatilis*; *Loxodonta africana*; *Mastomys natalensis*; *Megalotragus priscus*; *Myosorex varius*; *Oreotragus oreotragus*; *Orycteropus afer*; *Otomys angoniensis*; *Otomys irroratus*; *Otomys laminatus*; *Panthera leo*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Phacochoerus africanus*; *Philantomba monticola*; *Potamochoerus larvatus*; *Procavia capensis*; *Pronolagus crassicaudatus*; *Pronolagus rupestris*; *Raphicerus campestris*; *Redunca arundinum*; *Redunca fulvorufula*; *Rhabdomys pumilio*; *Rhinolophus clivosus*; *Smutsia temminckii*; *Sylvicapra grimmia*; *Syncerus antiquus*; *Syncerus caffer*; *Taurotragus oryx*; *Thryonomys swinderianus*; *Tragelaphus scriptus*; *Tragelaphus strepsiceros*. References: Cain (2006); Clark and Plug (2008); Glenny (2006); Le Roux and Badenhorst (2016); Plug (1997d, 2004); Wadley *et al.* (2008); Wells (2006).

Silberberg Grotto (2627). Taxa: *Acinonyx jubatus*; *Australopithecus*; *Homotherium crenatidens*; *Lycyaenops silberbergi*; *Megantereon whitei*; *Panthera pardus*. References: Reynolds (2010b).

- SK400** (2941:1704). Other names: Springbok Midden. Taxa: *Antidorcas marsupialis*; *Canis*.
References: Dewar (2007); Dewar *et al.* (2006).
- Spitzkloof A Rockshelter** (2852:1705). Taxa: *Alcelaphus buselaphus*; *Antidorcas marsupialis*; *Bathyergus janetta*; *Canis mesomelas*; *Lepus capensis*; *Mus*; *Oreotragus oreotragus*; *Oryx gazella*; *Parotomys brantsii*; *Procapra capensis*; *Raphicerus campestris*; *Sylvicapra grimmia*.
References: Dewar and Stewart (2012, 2016, 2017); Wadley (2015).
- Spitskop B** (2827:2748). Taxa: *Antidorcas bondi*; *Antidorcas marsupialis*; *Connochaetes gnou*; *Connochaetes taurinus*; *Damaliscus niro*; *Damaliscus pygargus*; *Equus capensis*; *Equus quagga* cf.; *Hippotragus*; *Megalotragus priscus*; *Phacochoerus africanus*; *Syncerus antiquus*; *Taurotragus oryx*. References: Brink (2005).
- Spreeuwal** (3318AA). Taxa: *Bathyergus suillus*; *Connochaetes gnou*; *Damaliscus pygargus*; *Diceros bicornis*; *Equus capensis*; *Equus quagga*; *Gerbillurus paeba*; *Hippotragus leucophaeus*; *Lepus saxatilis*; *Megalotragus priscus*; *Oryx gazella*; *Otomys saundersiae*; *Parahyaena brunnea*; *Raphicerus campestris*; *Redunca arundinum*; *Syncerus antiquus*; *Taurotragus oryx*.
References: Avery (1997); Brophy *et al.* (2014); Klein *et al.* (2007).
- Springbok Flats**. See Tuinplaas.
- Springbok Midden**. See SK400.
- Sterkfontein** (2601:2744). Taxa: *Acomys spinosissimus* cf.; *Aepyceros*; *Aethomys chrysophilus*; *Amblysomus*; *Antidorcas bondi*; *Antidorcas marsupialis*; *Antidorcas recki*; *Arvicanthis?*; *Australopithecus africanus*; *Canis antiquus*; *Canis mesomelas*; *Cercopithecoides williamsi* cf.; *Chasmaporthetes nitidula*; *Chlorotalpa sclateri*; *Chlorotalpa spelea*; *Chrysospalax villosus*; *Connochaetes gnou* cf.; *Connochaetes taurinus*; *Crocidura silacea* cf.; *Crocota crocuta*; *Cryptomys hottentotus*; *Cryptomys robertsi*; *Damaliscus pygargus* cf.; *Dasymys 'broomi'*; *Dasymys incomtus* cf.; *Dendromus melanotis*; *Dendromus mesomelas* cf.; *Dinofelis barlowi*; *Elephantulus antiquus*; *Elephantulus brachyrhynchus* cf.; *Elephantulus broomi*; *Elephantulus fuscus*; *Elephantulus intufi*; *Elephas recki*; *Equus burchellii*; *Equus capensis*; *Eurygnathohippus cornelianus*; *Gazella?*; *Georychus capensis*; *Gerbilliscus brantsii* cf.; *Gerbilliscus leucogaster* cf.; *Graphiurus*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus cookei*; *Hippotragus equinus*; *Hippotragus niger*; *Homo erectus*; *Homo gautengensis*; *Homotherium crenatidens*; *Hystrix africae australis*; *Hystrix cristata?*; *Lepus capensis*; *Lycyaenops silberbergi*; *Macrosclerides proboscideus*; *'Makapania' broomi* cf.; *Malacothrix typica*; *Mastomys natalensis* sl.; *Megalotragus* cf.; *Megantereon gracile*; *Megantereon whitei*; *Metridiochoerus modestus*; *Micaelamys namaquensis* cf.; *Miniopterus natalensis*; *Mungos mungo* cf.; *Mus minutoides* cf.; *Mylomygale spiersi?*; *Myosorex cafer*; *Myosorex robinsoni*; *Myotis tricolor*; *Myotomys sloggetti*; *Mystromys albicaudatus*; *Mystromys hausleitneri*; *Oreotragus oreotragus*; *Otocyon megalotis*; *Otomys gracilis*; *Otomys irroratus*; *Otomys saundersiae*; *Pachycrocuta brevirostris*; *Panthera leo*; *Panthera pardus*; *Papio izodi*; *Papio robinsoni*; *Papio ursinus*; *Parahyaena brunnea*; *Paranthropus robustus*; *Parapapio broomi*; *Parapapio jonesi*; *Parapapio whitei*; *Pedetes capensis*; *Pelea capreolus*; *Pelomys fallax* cf.; *Phacochoerus africanus*; *Phacochoerus antiquus*; *Proamblysomus antiquus*; *Procapra antiqua*; *Procapra capensis*; *Procapra transvaalensis*; *Pronolagus*; *Proodontomys cookei*; *Proteles*; *Raphicerus campestris*; *Redunca darti*; *Rhabdomys pumilio*; *Rhinolophus capensis* cf.; *Rhinolophus clivus* cf.; *Rhinolophus darlingi* cf.; *Saccostomus campestris*; *Steatomys pratensis*; *Suncus varilla*; *Suricata suricatta*; *Sylvicapra grimmia*; *Syncerus*; *Thallomys paedulus* cf.; *Theropithecus oswaldi*; *Tragelaphus angasii* aff.; *Tragelaphus scriptus* cf.; *Tragelaphus strepsiceros*; *Vulpes chama*; *Zelotomys woosnami* cf. References: Avery (2000, 2001); Berger *et al.* (2002); Berger and Tobias (1994); Broom (1937a, 1937b, 1939c,

1940, 1948a); Broom and Robinson (1949a); Brophy *et al.* (2014); Churcher (1970); Cooke (1947); De Graaff (1961c); De Ruiter (2004); De Ruiter *et al.* (2008b); Ewer (1958b); Freedman (1970); Kibii (2006); Lavocat (1957); McKee (1991); McKee *et al.* (1995); Moggi-Cecchi *et al.* (1998, 2006); Ogola (2009); Pocock (1969, 1987); O'Regan (2007); Reynolds (2010b); Reynolds and Kibii (2011); Reynolds *et al.* (2003, 2007); Turner (1986, 1987a, 1997); Val and Stratford (2015); Vrba (1974a).

Strathalan B (3059:2823). Taxa: *Antidorcas marsupialis*; *Connochaetes gnou*; *Damaliscus pygargus*; *Equus*; *Hippotragus*; *Oreotragus oreotragus*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Taurotragus oryx*. References: Opperman (1992, 1996); Wadley (2015).

Sunnyside Pan (2839:2609). Taxa: *Connochaetes gnou*; *Connochaetes taurinus*; *Crocota crocuta*; *Damaliscus niro*. References: Brink (2005).

Swart Duinen (3000:1702). Taxa: *Bathyergus*; *Equus*; *Gerbillurus*; *Giraffa*; *Mastomys*; *Mystromys*; *Parotomys*; *Petromus*; *Pronolagus*; *Raphicerus campestris*; *Rhabdomys*; *Suricata suricatta*. References: Pickford and Senut (1997).

Swartklip (3405:1841). Other names: Zwartklip. Taxa: *Antidorcas australis*; *Aonyx capensis*; *Atilax paludinosus*; *Bathyergus suillus*; *Canis mesomelas*; *Ceratotherium simum*; *Connochaetes gnou*; *Damaliscus*; *Equus capensis*; *Equus quagga*; *Felis silvestris*; *Herpestes ichneumon*; *Hippopotamus amphibius*; *Hippotragus leucophaeus*; *Ictonyx striatus*; *Leptailurus serval*; *Lycaon pictus*; *Mellivora capensis*; *Panthera leo*; *Panthera pardus*; *Parahyaena brunnea*; *Pelea capreolus*; *Raphicerus melanotis*; *Redunca arundinum*; *Suricata suricatta*; *Syncerus antiquus*; *Taurotragus oryx*; *Tragelaphus strepsiceros*; *Vulpes chama*. References: Brophy *et al.* (2014); Cruz-Urbe (1991); Ewer (1958c); Hendey (1968, 1969); Klein (1974b, 1975a); Klein and Cruz-Urbe (1991); Singer and Fuller (1962).

Swartkrans (2602:2743). Taxa: *Acinonyx jubatus*; *Acomys spinosissimus*; *Aepyceros melampus*; *Aethomys chrysophilus* cf.; *Antidorcas australis*; *Antidorcas bondi*; *Aonyx capensis*; *Atilax mesotes*; *Canis mesomelas*; *Caracal caracal*; *Cercopithecoides williamsi*; *Chasmaporthetes nitidula*; *Chrysospalax villosus* cf.; *Connochaetes taurinus* cf.; *Crocota crocuta*; *Cryptomys hottentotus*; *Cryptomys robertsi*; *Cynictis penicillata*; *Damaliscus niro?*; *Damaliscus pygargus* cf.; *Dasymys*; *Dendromus nyikae?*; *Dinofelis*; *Dinopithecus ingens*; *Elephantulus broomi*; *Elephantulus fuscus*; *Elephas*; *Eptesicus hottentotus* cf.; *Equus burchellii*; *Equus capensis*; *Equus quagga*; *Eurygnathohippus cornelianus*; *Felis silvestris*; *Galerella sanguinea*; *Gazella*; *Genetta tigrina*; *Gerbilliscus*; *Graphiurus*; *Herpestes ichneumon*; *Hippopotamus*; *Beatragus* cf.; *Hippotragus gigas* cf.; *Hippotragus niger* cf.; *Homo gautengensis*; *Homotherium?*; *Hyaena hyaena*; *Hystrix africae australis*; *Kobus leche* cf.; *Leptailurus serval*; *Macroselides proboscideus* cf.; 'Makapania'; *Malacothrix typica*; *Mastomys coucha*; *Megalotragus*; *Megantereon whitei*; *Mellivora capensis*; *Metridiochoerus andrewsi*; *Micaelamys namaquensis* cf.; *Mus*; *Myosorex cafer* cf.; *Myosorex robinsoni*; *Myotis tricolor*; *Mystromys albicaudatus*; *Neamblysomus gunningi* cf.; *Numidocapra porrocornutus*; *Oreotragus oreotragus*; *Orycteropus afer*; *Otocyon recki*; *Otomys gracilis*; *Otomys saundersiae* cf.; *Panthera leo*; *Panthera pardus*; *Papio robinsoni*; *Parahyaena brunnea*; *Paranthropus robustus*; *Parapapio broomi*; *Parapapio jonesi*; *Parapapio whitei*; *Pedetes*; *Pelea capreolus*; *Phacochoerus antiquus*; *Procavia transvaalensis*; *Proodontomys cookei*; *Proteles transvaalensis*; *Raphicerus campestris*; *Redunca arundinum* cf.; *Redunca darti*; *Rhabdomys pumilio*; *Rhinolophus blasii* cf.; *Rhinolophus capensis* cf.; *Smutsia*; *Steatomys pratensis*; *Suncus varilla*; *Suricata suricatta*; *Syncerus*; *Taurotragus oryx*; *Thallomys*; *Theropithecus*

- oswaldi*; *Tragelaphus angasii* aff.; *Tragelaphus scriptus*; *Tragelaphus strepsiceros*; *Vulpes pulcher*. References: Avery (1995b, 1998, 2001); Brain (1970, 1976); Brain *et al.* (1974, 1988); Brain and Watson (1992); Brophy *et al.* (2014); Churcher (1970); De Ruiter (2003); De Ruiter *et al.* (2006); De Ruiter *et al.* (2008b); Ewer (1958b); Freedman (1970); Gommery (2008); Grine (1989, 1993, 2005); Grine and Daegling (1993); Grine and Strait (1994); Grine and Susman (1991); Hendey (1974b); McKee *et al.* (1995); Pickering *et al.* (2012); Reynolds (2010b); Susman and De Ruiter (2004); Stynder (1997); Susman *et al.* (2001); Turner (1993); Watson (1993a).
- Swartlintjies 1** (3017). Taxa: *Cryptomys*; *Equus*; *Homo*; *Loxodonta*; *Pronolagus*; *Sivatherium maurisium*. References: Pickford and Senut (1997).
- Sydney-on-Vaal** (2827:2419). Taxa: *Damaliscus*; *Elephas iolensis*; *Elephas recki*; *Equus burchellii* cf.; *Hippopotamus amphibius*; *Loxodonta africana*; *Mammuthus subplanifrons*. References: Cooke (1949a); Dart (1929b); Osborn (1942); Wells (1964).
- The Bend** (2824DA). Taxa: *Equus capensis*. References: Broom (1928); Cooke (1949a).
- Thomeng** (2742:2436). Other names: SAAN-0042, 0043. Taxa: *Hystrix*; *Lepus*; *Oreotragus*; *Procavia*. References: Berger and Brink (2001).
- Tierfontein** (2826AA). Taxa: *Sivatherium maurisium*. References: Singer and Boné (1960).
- Tim's Cave** (1747:1359). Taxa: *Lepus*; *Procavia*. References: Pickford and Senut (2010).
- Tloutle** (2928:2746). Taxa: *Damaliscus pygargus*; *Equus burchellii*; *Hystrix africae australis*; *Procavia capensis*; *Redunca fulvorufula*. References: Mitchell (1993); Plug (1993d, 1997b).
- Tobias Cave** (2737:2437). Taxa: *Alcelaphus buselaphus*; *Antidorcas marsupialis*; *Canis mesomelas*; *Caracal caracal*; *Connochaetes gnou*; *Crocota crocuta*; *Damaliscus pygargus*; *Diceros bicornis*; *Equus burchellii*; *Equus capensis*; *Homo sapiens*; *Hystrix africae australis*; *Oreotragus oreotragus*; *Otocyon megalotis*; *Panthera leo*; *Panthera pardus*; *Papio ursinus*; *Parahyaena brunnea*; *Pelea capreolus*; *Phacochoerus africanus*; *Procavia capensis*; *Raphicerus campestris*; *Redunca fulvorufula*; *Sylvicapra grimmia*; *Syncerus caffer*; *Taurotragus oryx*; *Tragelaphus strepsiceros*; *Vulpes chama*. References: McKee (1994).
- Tuinplaas** (2555:2845). Other names: Springbok Flats. Taxa: *Equus capensis*; *Homo sapiens*. References: Dusseldorp *et al.* (2013); Haughton (1932a); Schepers (1941).
- Uitkomst**. See Gladysvale.
- Umhlatuzana** (2948:3045). Taxa: *Aethomys chrysophilus*; *Chlorocebus pygerythrus*; *Crocidura flavescens*; *Cryptomys hottentotus*; *Felis silvestris*; *Grammomys dolichurus*; *Hippotragus*; *Myosorex varius*; *Otomys irroratus*; *Otomys laminatus*; *Philantomba monticola*; *Procavia capensis*; *Redunca fulvorufula*; *Rhabdomys pumilio*; *Suncus varilla*; *Syncerus caffer*; *Thryonomys*. References: Avery (1991b); Kaplan (1990).
- Usakos** (2159:1535). Taxa: *Connochaetes*; *Equus sandwithi*; *Tragelaphus*. References: Cooke (1955).
- Vanwyksfontein** (2724CD). Taxa: *Equus zebra*. References: Lundholm (1952).
- Varsche Rivier 003** (3118DA). Taxa: *Cryptomys hottentotus*; *Felis silvestris*; *Hippopotamus amphibius*; *Lepus*; *Oreotragus oreotragus*; *Raphicerus*; *Rhabdomys pumilio*. References: Steele *et al.* (2012); Wadley (2015).
- Virginia 751** (2806:2654). Taxa: *Antidorcas marsupialis*; *Megalotragus priscus*. References: Butzer (1973); De Ruiter *et al.* (2011).
- Vlakkraal Thermal Springs** (2826CC). Taxa: *Alcelaphus caama*; *Antidorcas marsupialis*; *Connochaetes taurinus* cf.; *Crocota crocuta* cf.; *Damaliscus pygargus* cf.; *Equus (Asinus)*; *Equus burchellii*; *Equus capensis*; *Hippopotamus amphibius* cf.; *Hystrix*; *Kobus*; *Lycaon pictus* cf.; *Metridiochoerus compactus*; *Phacochoerus africanus*; *Redunca arundinum*; *Sylvicapra*

- grimmia* cf.; *Syncerus antiquus*; *Taurotragus oryx* cf.; *Vulpes chama* cf. References: Brink (1994); Cooke (1962); Hoffman (1953); Wells *et al.* (1942).
- Vlakplaats** (2628). Taxa: *Antidorcas recki* cf.; *Lepus* cf.; *Parmularius* cf.; *Tragelaphus scriptus* cf. References: Vrba and Panagos (1978).
- Waldeck's Plant** (2824). Taxa: *Equus burchellii* cf.; *Equus capensis*; *Equus quagga* cf.; *Hippopotamus amphibius*; *Loxodonta africana*; *Metridiochoerus modestus*; *Phacochoerus africanus*. References: Beck (1906); Cooke (1949a).
- Warrenton** (2824BB). Taxa: *Crocota crocuta*; *Equus burchellii*; *Syncerus antiquus*. References: Cooke (1949a).
- White Paintings Rock Shelter** (1825:2130). Taxa: *Ceratotherium simum*; *Crocidura hirta* cf.; *Equus capensis*; *Felis silvestris*; *Hystrix africae australis*; *Lepus*; *Megalotragus priscus*; *Oreotragus oreotragus*; *Otocyon megalotis*; *Pedetes capensis*; *Redunca arundinum*; *Tragelaphus scriptus*. References: Robbins (1990); Robbins *et al.* (2000).
- Willowbank** (2824). Taxa: *Aepyceros melampus*; *Connochaetes*; *Megalotragus priscus*; *Syncerus caffer*. References: Cooke (1949a).
- Windsorton** (2824BB). Taxa: *Equus capensis*; *Kolpochoerus paiceae*. References: Broom (1931); Cooke (1949a).
- Winter's Rush** (2824). Taxa: *Equus capensis*. References: Broom (1928); Cooke (1949a).
- Witkrans Cave** (2736:2436). Taxa: *Elephantulus*; *Homo sapiens*; *Otomys gracilis*. References: Davis (1961); Dusseldorp *et al.* (2013); Humphreys (1978); McCrossin (1992); Meester (1961a).
- Wonderkrater** (2426:2845). Taxa: *Damaliscus*; *Equus quagga*; *Hippopotamus amphibius*; *Megalotragus priscus*; *Phacochoerus*; *Syncerus antiquus*. References: Backwell *et al.* (2014).
- Wonderwerk** (2751:2333). Taxa: *Acomys*; *Alcelaphus*; *Antidorcas*; *Canis mesomelas*; *Chlorotalpa sclateri*; *Chrysochloris asiatica*; *Chrysothalpa*; *Connochaetes gnou?*; *Crocidura cyanea*; *Crocidura flavescens*; *Crocidura fuscomurina*; *Crocidura hirta* cf.; *Cryptomys hottentotus*; *Damaliscus pygargus*; *Dasymys incomtus*; *Dendromys melanotis*; *Desmodillus auricularis*; *Elephantulus myurus*; *Eptesicus hottentotus*; *Equus burchellii*; *Equus capensis*; *Eurygnathohippus*; *Gazella*; *Raphicerus campestris*; *Gerbilliscus*; *Gerbillurus paeba*; *Graphiurus microtis* cf.; *Hystrix africae australis*; *Lemniscomys rosalia*; *Lepus capensis*; *Macroselides proboscideus*; *Malacothrix typica*; *Mastomys coucha*; *Megalotragus priscus*; *Micaelamys namaquensis*; *Miniopterus natalensis*; *Mus minutoides*; *Myosorex varius*; *Mystromys albicaudatus*; *Neoromicia capensis*; *Oryx gazella*; *Otomys angoniensis*; *Papio ursinus*; *Pedetes capensis*; *Pelea capreolus* cf.; *Phacochoerus africanus*; *Procavia antiqua*; *Procavia capensis*; *Procavia transvaalensis*; *Pronolagus*; *Raphicerus*; *Rhabdomys pumilio*; *Rhinolophus capensis*; *Saccostomus campestris*; *Steatomys krebsii*; *Suncus varilla*; *Syncerus antiquus*; *Syncerus caffer*; *Tadarida aegyptiaca*; *Taurotragus oryx*; *Zelotomys woosnami*. References: Avery (1981, 1995b, 2007); Brink *et al.* (2015, 2016); Fernandez-Jalvo and Avery (2015); Klein (1988); Malan and Cooke (1941); Malan and Wells (1943); Thackeray (1984, 2015); Wells *et al.* (1942); Vrba (1973); Wadley (2015).
- X Cave** (2602:2743). Taxa: *Aepyceros melampus*; *Antidorcas bondi*; *Connochaetes*; *Hippotragus*; *Oreotragus oreotragus*; *Pelea capreolus*; *Raphicerus campestris*; *Redunca*; *Syncerus*; *Taurotragus oryx*. References: Van Zyl *et al.* (2016).
- Yatala 73** (2807:2646). Taxa: *Antidorcas marsupialis*; *Connochaetes gnou*. References: De Ruiter *et al.* (2011).
- Ysterfontein 1** (3320:1809). Taxa: *Bathyergus suillus*; *Canis mesomelas*; *Caracal caracal*; *Connochaetes gnou*; *Diceros bicornis*; *Equus*; *Felis silvestris*; *Hippotragus leucophaeus*; *Hystrix*

africae australis; *Lepus*; *Mellivora capensis*; *Procavia capensis*; *Raphicerus campestris*; *Redunca arundinum*; *Syncerus antiquus*; *Taurotragus oryx*; *Tragelaphus strepsiceros*.
References: Avery *et al.* (2008); Halkett *et al.* (2003); Klein *et al.* (2004); Wadley (2015).

Ysterplaat (3318CD). Taxa: *Equus capensis*. References: Cooke (1955).

Zais (2401:1608). Taxa: *Procavia capensis*. References: Cruz-Urbe and Klein (1981–1983).

Zebrarivier (2431:1716). Taxa: *Gerbillurus paeba*; *Hipposideros vittatus*; *Oreotragus oreotragus*; *Parotomys littledalei* cf.; *Petromus typicus*; *Procavia capensis*; *Rhinolophus capensis*. References: Avery (1984b); Broom (1928); Cruz-Urbe and Klein (1981–1983).

Zwartklip. See Swartklip.