

**Article V.—ON THE NAMES OF MAMMALS GIVEN  
BY KERR IN HIS ‘ANIMAL KINGDOM,’ PUB-  
LISHED IN 1792.**

By J. A. ALLEN.

In May, 1791, Robert Kerr, F.R. & A. SS. E., etc., issued a prospectus of an English translation of “The Systema Naturæ of Linnæus, as lately published, by the learned Professor Gmelin of the University of Göttingen,” with numerous additions “from the writings of such Zoologists, Voyagers, and Travellers, as had not fallen under the observation, either of the great Linnæus, or of his excellent successor.” It was proposed to publish the work in parts, to form, when completed, four quarto volumes. The “first half-volume” was brought out in 1792, the preface to which (from which the above information is derived) bears date “February, 1792.” Part 1 of Volume I comprises “the class of Mammalia”; Part 2 begins the class of Birds, but ends abruptly (in the only copy I have seen) at p. 644, in the midst of the genus *Corvus*. Whether any more was published I am unable to state, but the work was not only discontinued at an early stage, but only a small edition of the part relating to the Mammalia appears to have been issued, it being a very scarce publication, and one which has been rarely cited by subsequent authors.<sup>1</sup>

Part I has the following title-page :

The | Animal Kingdom, | or | Zoological System, | of the celebrated | Sir  
Charles Linnæus ; | — | Class I. | Mammalia : | containing | a complete System-  
atic Description, Arrangement, and Nomencla- | ture, of all the known Species  
and Varieties of the Mammalia, | or Animals which give suck to their young ; |  
being a translation of that part of the | Systema Naturæ, | as lately published,  
with great improvements, | By Professor Gmelin of Göttingen. | — | Together  
with | numerous additions from more recent zoological writers, | and illustrated  
with copperplates : | — | By Robert Kerr, F. R. & A. SS. E., | member of the

<sup>1</sup> The copy in hand is the property of the Boston Society of Natural History, for the temporary loan of which I am indebted to the Secretary of the Society, Mr. Samuel Henshaw. It was presented to the Society by the late D. H. Storer, M.D., in 1865.

Royal College of Surgeons, and of the Royal Physical Society, | and Surgeon to the Orphan Hospital of Edinburgh. | — | London : | Printed for J. Murray, No. 32, Fleet-street ; | and | R. Faulder, No. 42, New Bond Street. | — | 1792. 4to, pp. i-xii, ll. 14, pp. 1-400, pll. i-vii.

Pages v-xii contain 'To the Public,' followed by a 'Systematic Catalogue of the Mammalia,' occupying 14 unpagged leaves. Then follows a free translation of Gmelin's 'Systema,' with extended interpolations, including several new genera (or subgenera—these groups are treated in both senses in different parts of the work), and a large number of supposed new species and varieties.

An important part of the work, from a nomenclatural point of view (and a part easily overlooked and not easy of citation), is the 'Systematic Catalogue of the Mammalia,' occupying the 14 unpagged leaves following the author's address to the public. According to the marginal numbers, the work treats formally of 808 species and varieties of mammals (not including domesticated varieties), of which about 250 are additional to those given by Gmelin. Most of the technical names by which they are designated are here published for the first time, but some are from Pallas, Erxleben, and other early authors,<sup>1</sup> overlooked or ignored by Gmelin.

In the main Kerr's work, considered as a compilation (which it purely is), is creditable for its time, displaying much research and a fair appreciation of his subject. Unfortunately he yielded to the temptation of naming everything mentioned, however vaguely, by previous authors, including scores of albinistic and melanistic phases of well-known species. His names, however, all require consideration, from the fact that names once employed are preoccupied for use later in other connections. Scattered through this nomenclatural chaff are names of many valid species, here first formally introduced into zoölogical nomenclature. These include a considerable number of Australian mammals described and figured by Governor Phillip in his 'Voyage to Botany Bay' (1789) under merely vernacular names, as well as many gleaned from other trustworthy sources. Many of these names have gradually come into use (mostly in recent years), but they have

<sup>1</sup> In most cases Kerr, in his citations, gives no clue to their origin:

often been attributed (especially formerly) to Turton,<sup>1</sup> Shaw or other writers; others have been wholly overlooked,<sup>2</sup> including several generic names, many specific names, and a large number of varietal names. As Kerr's names cannot be ignored, the sooner they are brought to light the better, in the interest of ultimately reaching a stable nomenclature.

The present investigation was begun with the purpose of treating only such names as relate to North American mammals. Later the scope was extended to embrace such other names as evidently had an important bearing upon the nomenclature of exotic species. Finally it was decided to include all of Kerr's names not obviously founded on albinistic or melanistic conditions, or upon hybrids and varieties due to domestication.

#### GENERIC NAMES.

Kerr's new generic (or subgeneric) names are :

**Sapajus**=*Cebus* Erxleben, 1777.

**Sagoinus**=*Callithrix* Erxleben, 1777.

**Sukotyro**—apparently a fabulous beast, mentioned by the traveller Nieuhoff.

**Lynx**=*Lynx* Rafinesque, 1818.

**Myocastor**=*Myopotamus* Geoffroy, 1805. Type, by elimination, *Myocastor coypus*.

**Cricetus**=*Cricetus* Cuvier, 1817.

**Myotalpa**. By elimination=*Siphneus* Brants, 1827. Type, *Mus talpina* Pall.

Of these seven genera, two *Sapajus* and *Sagoinus*, are respectively almost pure synonyms of *Cebus* and *Callithrix* of Erxleben, and are hence untenable as used later in a restricted sense by Lacépède (1803). A third, *Sukotyro*, has no status, having a

<sup>1</sup> Turton's translation of Gmelin's 'Systema Naturæ,' in seven octavo volumes, under the title 'A General System of Nature,' etc. (Vol. I. Mammals, Birds, Amphibia, and Fishes, 1806) is mere trash in comparison with Kerr's work. In Turton's translation, "amended and enlarged by the improvements and additions of later naturalists," all references to previous writers are systematically and purposely omitted, "as," says the author, "they would so considerably have enlarged the bulk of the work, without adding a proportional value." On the other hand, Kerr gives at least references to the authors on which his names are based, though failing to indicate, as a rule, whether the names additional to those employed by Gmelin are his own or from Schreber, Erxleben, Shaw, Pallas, or other preceding writers. Apparently Turton (fortunately) imposed very few new names, but copied nearly all of Kerr's, which, owing to the scarcity of Kerr's work, have been largely credited to Turton. To distinguish the names really given by Turton hence requires familiarity with the writings of preceding authors.

Shaw also rarely cites Kerr, even when using Kerr's names. Most of the names from Kerr, duly accredited prior to 1876, are the few cited by Shaw in his 'General Zoology' (1830-01).

<sup>2</sup> Mr. Oldfield Thomas has brought to light and established many of Kerr's names which had escaped previous writers (*cf.*, especially, Ann. and Mag. Nat. Hist., (5) IV, 1879, pp. 396, 397, and his British Museum 'Catalogue of the Marsupialia and Monotremata' (1888). I have cited such as relate to the Pinnipedia (Mon. N. Am. Pinnipeds, 1880), the Cetacea (Bull. U. S. Geol. Surv., VI, No. 3, 1882), and the North American Sciuridae and Muridae.

mythical basis, as shown by Kerr's description and figure. Two others, *Lynx* and *Cricetus*, are in current use, but wrongly accredited to later authors. The remaining two, *Myocastor* and *Myotalpa*, must supplant later names that have long been in current use.

The status of the four tenable generic names of Kerr may be shown as follows :

### Genus *Lynx* Kerr.

*Lynx* KERR, Am. King. I, 1792, Syst. Cat. Nos. 288-299, and p. 41, 155.

The genus *Lynx*, commonly attributed to Rafinesque (Am. Month. Mag., I, Oct., 1817, p. 437, and *ibid.*, II, Nov., 1817, p. 46), was instituted by Kerr in 1792. It forms his second division of *Felis*, and is characterized as follows :

“ \*\* LYNXES.

*Lynxes.*

“ With short tails, and pencilled ears.”

It contains nine species and three subspecies, namely :<sup>1</sup>

- |                     |                         |
|---------------------|-------------------------|
| 288. Caspian Lynx.  | 1. Lynx Chaus.          |
| 289. Mountain Lynx. | 2. Lynx montana.        |
| 290. Persian Lynx.  | 3. Lynx Caracal.        |
| 291. Bengal Lynx.   | 4. Lynx bengalensis.    |
| 292. Booted Lynx.   | 5. Lynx nubiensis.      |
| 293. Barbary Lynx.  | 6. Lynx lybiensis.      |
| 294. Common Lynx.   | 7. Lynx vulgaris.       |
| 295. White Lynx.    | β. Lynx vulg. alba.     |
| 296. Yellow Lynx.   | γ. Lynx vulg. melina.   |
| 297. Thibet Lynx.   | δ. Lynx vulg. maculata. |
| 298. Canadian Lynx. | 8. Lynx canadensis.     |
| 299. American Lynx. | 9. Lynx rufa.”          |

In the body of the work (pp. 155-158), where the species are formally described, the name *Lynx* is combined with *Felis*, *e. g.*, *F.[elis] Lynx canadensis = Felis (Lynx) canadensis.*

### Genus *Myocastor* Kerr.

In his ‘Systematic Catalogue of the Mammalia,’ Nos. 458-521, Kerr divides the “Murine Quadrupeds” (=Muridæ) as follows :

- \* Beaver Rats. *Myocastores.*
- \*\* Rats and Mice. *Mures.*
- \*\*\* Hamsters. *Criceti.*
- \*\*\*\* Mole-Rats. *Myotalpæ.*

<sup>1</sup> From his ‘Systematic Catalogue,’ not paged.

The Beaver-Rats include two species only—(1) “Webbed Beaver-Rat, *Myocastor Coypus*”; (2) “Musquash, *Myocastor zibethicus*.” As Cuvier, in the year 1800, instituted the genus *Fiber* for the Muskrat, only the Coypu was left in the genus *Myocastor*, which thus became its type by elimination. Hence the genus *Myopotamus* Geoffrey (1805), based on the Coypu, and since in current use, must be treated as a synonym of *Myocastor* Kerr.

### Genus *Cricetus* Kerr.

*Cricetus* KERR, An. King. I, 1792, Syst. Cat. Nos. 509–515, and pp. 42, 242–246.

The name *Cricetus*, usually attributed to Cuvier (1817), was used by Kerr for a division of his ‘Murine Quadrupeds’—in a generic sense in his ‘Systematic Catalogue,’ and in a subgeneric sense in the body of the work. The species included under *Cricetus* are the following:<sup>1</sup>

1. *Cricetus acredula* = *Mus migratorius* Pall. (1771) = *Mus accedula* Pall. (1778).
2. *Cricetus germanicus* = *Mus cricetus* Linn.  
     β. *Cricetus germ. niger* = *Mus cricetus niger* Schreber.
3. *Cricetus arenarius* = *Mus arenarius* Pall.
4. *Cricetus phæus* = *Mus phæus* Pall.—type of *Cricetulus* Milne-Edw. (1867).
5. *Cricetus songaricus* = *Mus songaricus* Pall.
6. *Cricetus furunculus* = *Mus furunculus* Pall.

### Genus *Myotalpa* Kerr.

*Myotalpa* KERR, An. King. I, 1792, Syst. Cat. Nos. 516–521, and p. 246.

Kerr gives a short diagnosis (l. c., p. 246) of *Myotalpa*, and adds in a foot-note: “The animals of this subdivision of the genus [*Mus*] are named *Mures subterranei*, by Dr. Gmelin; but the word *Myotalpa* is preferred in this edition, as being better adapted for the purpose of a subgenus.”

*Myotalpa* is thus explicitly proposed in a subgeneric sense, but in the ‘Systematic Catalogue’ is used in generic name, as follows:

1. *Myotalpa talpina* = *Mus talpinus* Pall. Type of *Ellobius* Fischer, 1814.  
     β. *Myotalpa talpina nigra* = *Mus talpinus* Pall, in part.
2. *Myotalpa capensis* = *Mus capensis* Pall. Type of *Georchus* Illiger, 1811.

<sup>1</sup> Syst. Cat., Nos. 509–515.

3. ***Myotalpa maritima***=*Mus suillus* Schreb. (1787)=*Mus maritimus* Gmel. (1788). Type of *Bathyergus* Illiger, 1811.
4. ***Myotalpa aspalax***=*Mus aspalax* Pall. (1788)=*Mus myospalax* Laxmann (1773). Type of *Siphneus* Brants, 1827.
5. ***Myotalpa typhla***=*Spalax microphthalmus* Glden. (1770) (gen. et sp. nov.).

The last species enumerated under *Myotalpa* had already been made the type of a genus *Spalax*, and the other four have been successively raised to generic rank. As *Myotalpa* must be preserved it will have to stand, by the rule of elimination, for the species last removed from *Myotalpa*, namely, *Myotalpa aspalax*. *Siphneus* of Brants thus becomes a synonym of *Myotalpa* Kerr (restricted).

It also appears that *Bathyergus maritimus* (Gmel.) Illiger should stand as *Bathyergus suillus* (Schreber),<sup>1</sup> as Schreber not only used this name on his Pl. cciv B, but in the page heading to p. 715.

Apparently, also, *Spalax microphthalmus* Gldenstdt (Nov. Comm. Petrop., XIV, 1770, p. 409, pll. viii, ix) has priority over *Mus typhlus* Pallas (Nov. Sp. Glires, 1778, pp. 76, 174, pl. viii). Hence the species commonly known as *Spalax typhlus* (Pall.) should stand as *Spalax microphthalmus* Glden.

The species currently known as *Siphneus aspalax* (Pall.) Brants should not only take the generic name *Myotalpa*, as shown above, but *Mus aspalax* Pallas (Nov. Sp. Glires, 1778, pp. 76, 165, pl. x) is antedated by *Mus myospalax* Laxmann (Sibir. Briefe, 1769, p. 75); hence the name in full should be *Myotalpa myospalax* (Laxm.).

Kerr's five species of *Myotalpa* will thus stand as follows :

1. *Myotalpa talpina* (Pall.) Kerr, becomes ***Ellobuis talpinus*** (Pall.) Fischer.
2. *Myotalpa capensis* (Pall.) Kerr, becomes ***Georychus capensis*** (Pall.) Ill.
3. *Myotalpa maritima* (Pall.) Kerr, becomes ***Bathyergus suillus*** (Schreb.).
4. *Myotalpa aspalax* (Pall.) Kerr, becomes ***Myotalpa myospalax*** (Laxm.).
5. *Myotalpa typhla* (Pall.) Kerr, is ***Spalax microphthalmus*** Glden.

#### SPECIES AND VARIETIES.

These are taken up in the order in which they stand in Kerr's work, and include all that seem entitled to consideration. The

<sup>1</sup> *Mus suillus* SCHREBER, Sugeth. Th. IV, p. 715, pl. cciv B (circa 1787).  
*Mus maritimus* GMELIN, Syst. Nat., I, 1788, p. 140 (cites Schreber, as above, and his references, and no others).

changes from current nomenclature are indicated by heavy-faced type.

In some cases Kerr's names are here allocated on the basis of his references as currently synonymised by standard authorities, some of the works to which Kerr refers being inaccessible at the present writing.

*Simia satyrus*<sup>1</sup> *pongo* Kerr, No. 3=*Anthropopithecus troglodytes* (Gm.).

*Simia satyrus* *jocko* Kerr, No. 4=*Simia satyrus* Linn.

*Simia lar minor* Kerr, No. 6=*Hylobates lar* (Gmel.).

*Simia lar argenteus* Kerr, No. 7=? *Hylobates lar* (Gmel.).

*Simia suilla* Kerr, No. 10=*Cynocephalus mormon* (Linn.).

*Simia* (Papio) *sylvicola* Kerr, No. 17=*Simia sylvicola* Shaw (1800). Not determinable.

*Simia* (Papio) *variegata* Kerr, No. 18=*Simia sublutea* Shaw (1800). Not determinable.

*Simia* (Papio) *cinerea* Kerr, No. 19=*Simia cinerea* Shaw (1793)=? *Simia leucophæa* F. Cuv.

*Simia* (Papio) *livea* Kerr, No. 20=*Simia dentata* Shaw (1800). Not determinable.

*Simia* (Papio) *cristata* Kerr, No. 22. Not determinable.

*Simia* (Cercopithecus) *hamadryas ursinus* Kerr, No. 25=? *Cynocephalus hamadryas* (Linn.).

*Simia* (Cercopithecus) *veter albibarbatus* Kerr, No. 27=*Simia ferox* Shaw (1800)=*Macacus silenus* (Linn.).

*Simia* (Cercopithecus) *silenus albibarbatus* Kerr, No. 29=Kerr's No. 27, as above.

*Simia* (Cercopithecus) *silenus tie-tie* Kerr, No. 30. Not determinable.

*Simia* (Cercopithecus) *silenus purpuratus* Kerr, No. 31=*Macacus silenus* (Linn.).

*Simia* (Cercopithecus) *æthiops torquatus* Kerr, No. 39=*Cercocebus collaris* Gray (1843). Gray's *Cercocebus collaris* is identified by Gray himself with the *Mangabey à collier blanc* of Buffon, which is the sole basis of Kerr's *S. (C.) æthiops torquatus*. Hence, ***Cercocebus torquatus*** (Kerr).

*Simia* (Cercopithecus) *aygula monea* Kerr, No. 41. Not identifiable; not *Simia mona* Schreb.

*Simia* (Cercopithecus) *nictitans barbatus* Kerr, No. 43. Not determinable.

*Simia* (Cercopithecus) *sinicus pileatus* Kerr, No. 45=*Simia pileata* Shaw (1800). Hence, ***Macacus pileatus*** (Kerr).

*Simia* (Cercopithecus) *ruber nigrofasciatus* Kerr, No. 48 } =Cercopithecus

*Simia* (Cercopithecus) *ruber albofasciatus* Kerr, No. 49 } *patas* (Schreb.).

*Simia* (Cercopithecus) *talapoin niger* Kerr, No. 51. Not determinable.

<sup>1</sup> Initials of specific names are here uniformly reduced to lower-case; Kerr generally employed capital initials for all substantives used for specific or varietal names.

*Simia* (*Cercopithecus*) *nasuus Kerr*, No. 55=*Simia nasalis Shaw* (1800)=  
" *Simia nasica Audeb.*" (circa 1800). Hence, ***Nasalis nasuus* (Kerr)**. Kerr's  
name appears to have eight years' priority over either *nasica* or *nasalis*. The  
name *nasica* is sometimes wrongly attributed to Schreber.

*Simia* (*Cercopithecus*) *capistratus Kerr*, No. 56=*Prude Pennant*=? *Nasalis*  
*nasuus (Kerr)*.

*Simia* (*Cercopithecus*) *luteolus Kerr*, No. 57=*Simia flavescens Shaw* (1800).  
Not determinable.

*Simia* (*Cercopithecus*) *fulvus Kerr*, No. 58=*Simia fulva Shaw* (1800)=*Cerco-*  
*pithecus mulatta Zimm.* (1780). Not determinable.

*Simia* (*Cercopithecus*) *viridens Kerr*, No. 59=A variety of *Pennant's*  
*Tawny Monkey*. Not determinable.

*Simia* (*Cercopithecus*) *hircinus Kerr*, No. 60=*Simia hircina Shaw* (1800)=  
Goat Monkey *Pennant*. Not determinable.

*Simia* (*Cercopithecus*) *regalis Kerr*, No. 61=*Simia comosa Shaw* (1800)=  
*Cebus polykomos Zimm.*=*Colobus polykomos (Zimm.)*.

*Simia* (*Cercopithecus*) *badius Kerr*, No. 62=*Simia ferruginea Shaw* (1800)=  
*Colobus temminckii Kuhl* (1820). Hence, ***Colobus badius* (Kerr)**.

*Simia* (*Cercopithecus*) *fuscus Kerr*, No. 63=*Simia annulata (Shaw)*. Not  
determinable.

*Simia* (*Sapajus*) *exquima Kerr*, No. 67=L'Exquima *Buffon*=*Cercopithecus*  
*diana (Linn.)*.

*Simia* (*Sapajus*) *trepidus fulvus Kerr*, No. 69=Sajou gris *Buff.*=*Cebus*  
*griseus Desm.* (1820)=*Cebus apella (Linn.)*.

*Simia* (*Sapajus*) *capucinus albulus Kerr*, No. 73=*Cebus hypoleucus Humb.*  
(1811), et auct. Hence, ***Cebus albulus* (Kerr)**.

*Simia* (*Sapajus*) *variegatus Kerr*, No. 77=*Simia antiquensis Shaw* (1800)=  
*Chrysotrrix*, sp. Not determinable.

*Simia* (*Sagoinus*) *jacchus moschatus Kerr*, No. 80. Not determinable.

*Lemur podje Kerr*, No. 103=Le Tarsier *Buffon*=*Lemur tarsier Erxl.*=  
*Tarsius spectrum (Pall.)*.

*Lemur prehensilis Kerr*, No. 104=Little Maucauco *Pennant*=*Lemur muri-*  
*nus Miller*=*Microcebus*, sp. ?

*Vespertilio vampyrus helvus Kerr*, No. 108=Lesser Rougette *Pennant*. Not  
determinable.

*Vespertilio labialis Kerr*, No. 115=Peruvian Bat, var.  $\beta$ , *Pennant*=? *Noc-*  
*tilio leporinus (Linn.)*.

*Vespertilio pictus rubellus Kerr*, No. 124=Striped Bat *Pennant*, in part=  
*Kerivoula picta (Pall.)*.

*Vespertilio cephalotes melinus Kerr*, No. 129=Molucca Bat *Pennant*, in  
part=*Harpyia cephalotes (Pall.)*.

*Vespertilio americanus Kerr*, No. 136=Clayton's Bat *Pennant*=? *Vesper-*  
*tilio americanus Turton* (1806)=? *Vespertilio americanus Ord* (1815).

*Bradypus pentadactylus Kerr*, No. 140=*Bradypus ursinus Shaw* (1791)=  
*Melursus ursinus (Shaw)*.



*Myrmecophaga jubata* sima Kerr, No. 143. Not determinable. ? *Orycteropus*, sp.

*Myrmecophaga pentadactyla* Kerr, No. 145 = *Myrmecophaga striata* Shaw (1800) = *Le Tamandua Buffon*. (Anim. fict.)

*Dasybus maximus* Kerr, No. 158 = *Dasybus gigas* Cuvier (1817) = *Dasybus giganteus* Desm. (1820). As all are based on Buffon, Hist. Nat., X, plate xli, hence, ***Priodon maximus*** (Kerr).

*Dasybus longicaudatus* Kerr, No. 160 = American Armadillo Watson, Phil. Trans., LIV, p. 57, pl. vii, and Cachicame ou Tatou à neuf bandes Buffon, X, p. 215, pl. xxxvii = *Dasybus peba* Desm. (1820) = *Dasybus longicaudus* Wied (1826) = *Tatusia novemcincta* (Linn.). For those who reject *novemcincta* Linn., the species will stand as ***Tatusia longicaudatus*** (Kerr).

*Sukotyus indicus* Kerr, 163. Mythical.

*Elephas americanus* Kerr, No. 165 = *Elephas americanus* Cuvier (1798) = *Mastodon giganteum* Cuvier (1817). Hence, ***Mastodon americanus*** (Kerr).

Kerr's name was based on Pennant's "American Elephant," which is in reality a Mastodon, as shown from the following transcript from Kerr :

"In America, on the banks of the Ohio, are found, several feet below the surface, in a marshy place called Big-bone-swamp, great numbers of tusks and grinders, supposed by many to belong to the Elephant: But the grinders are totally different, being covered uniformly with enamel, and furnished with a double row of high conic processes, like those of carnivorous animals; whereas those of the Elephant are composed of alternate perpendicular layers of bone and enamel, and are ribbed transversely on their upper surfaces, like those of graminivorous quadrupeds: Hence the species must be entirely different; and Mr. Pennant has chosen to suppose that they have belonged to an unknown species of this genus, which he names the American Elephant. Hist. of Quad., p. 71."

The earliest reference by Cuvier to this animal I have seen is the following : "C'est l'*elephas americanus* de Pennant."—(Tableau élémén. de l'Hist. Nat., 1798, p. 149). Here he simply gives a Latin rendering of Pennant's name. Later (Règne An., I, 1817, p. 116) he gave it the name *Mastodon giganteum*, as cited above.

*Elephas americanus* Kerr antedates by fifty years the name *Elephas americanus* given by DeKay in 1842 to remains of a fossil Elephant from the State of New York. In this latter sense the name is of course untenable.

*Trichechus manatus siren* Kerr, No. 170. Mythical.

*Phoca grønlandica nigra* Kerr, No. 180 = *Phoca grønlandica* Fabr.

*Phoca hispida quadrata* Kerr, No. 182 = ? *Halichoerus grypus* (Fabr.).

*Phoca chilensis* Kerr, No. 186 = ? *Macrorhinus leoninus* (Linn.) juv.

*Phoca mutica* Kerr, No. 187 = *Phoca longicollis* Shaw. Not determinable.

*Phoca testudo* Kerr, No. 189. Not determinable.

*Phoca laniger* Kerr, No. 191 = ? *Erignathus barbatus* (Fabr.) juv.

*Phoca punctata* Kerr, No. 192. Not determinable.

*Phoca maculata* Kerr, No. 193. Not determinable.

*Phoca nigra* Kerr, No. 194 = *Collotaria ursinus* (Linn.) juv.

*Canis lupus niger* Kerr, No. 236 = Black phase of *Canis lupus nubilus* (Say).

*Canis lupus albus* Kerr, No. 237=? *Canis lupus mexicanus* (Linn.).

*Canis vulpes allopex americanus* Kerr, No. 249. Not determinable.

*Canis vulpes chilensis* Kerr, No. 258. Not determinable.

*Canis vulpes australis* Kerr, No. 259=Loup-renard *Bourgainville*=*Canis antarcticus* Shaw, 1800. Hence, **Canis (Pseudalopex) australis** (Kerr).

*Felis leopardalis* Kerr, No. 266. Not determinable.

*Felis cougar* Kerr, No. 272=*Felis concolor* Linn.

*Felis mexicana* Kerr, No. 274. Not determinable. Not *Felis mexicana Desm.* (1820), nor of *De Saussure* (1860).

*Felis bengalensis* Kerr, No. 275=*Felis bengalensis Desm.* (1822). Hence, *Felis bengalensis* **Kerr**.

*Felis catus aureus* Kerr, No. 286. Not determinable. Not *Lynx aureus Raf.* (1817)=*Felis aureus Desm.* (1820).

*Felis (Lynx) montana* Kerr, No. 289=*Lynx montanus Raf.* (1817).

*Felis (Lynx) bengalensis* Kerr, No. 291=*Felis caracal*, var. *c.* (*Desm.*) (1820)=*Felis caracal* ♂ *bengalensis Fischer* (1830).

*Felis (Lynx) nubiensis* Kerr, No. 292=*Felis caracal*, var. *b.* *Desm.* (1820)=*Felis caracal* γ *nubicus Fischer* (1830).

*Felis (Lynx) lybiensis* Kerr, No. 293=*Felis caracal*, var. *a.* *Desm.* (1820)=*Felis caracal* β *algericus Fischer* (1830).

*Felis (Lynx) vulgaris maculatus* Kerr, No. 297. Not *Felis maculata Horsf. & Vig.* (1829)=*Lynx rufus* var. *maculatus Aud. & Bach.* (1851), for which I here propose the name **Lynx texensis**.

*Felis (Lynx) canadensis* Kerr, No. 298=*Lynx canadensis Raf.* (1817). Hence, *Lynx canadensis* **Kerr**.

*Viverra nems* Kerr, No. 303=? *Herpestes griseus Thunb.* (1811).

*Viverra gallica* Kerr, No. 322=La Genette de France *Buffon*, Hist. Nat. Suppl., III, 1776, p. 237, pl. xlvii=*Viverra nigra Desm.* (1820)=*Paradoxurus typus F. Cuv. & Geoffr.* (1821): Hence, **Paradoxurus gallica** (Kerr).

*Viverra prehensilis* Kerr, No. 327=*Cercoleptes caudivolvulus (Pall.)*. Not *Viverra prehensilis* Blainv. (1816)=*Paradoxurus hermaphroditus (Pall.)* Blandford.

*Viverra maculata* Kerr, No. 331=*Viverra maculata Shaw* (1800)=*Dasyurus maculatus (Kerr) Thomas*.

*Mustela (Lutra) paraguensis* Kerr, No. 334=*Chironectes minimus (Zimm.) Ill.*

*Mustela (Lutra) chilensis* Kerr, No. 335=*Lutra felina (Mol.) Shaw*.

*Mustela (Lutra) canadensis* Kerr, No. 337=*Mustela lutra canadensis Schreber*, Pl. ccxxvi B. Hence, *Lutra canadensis (Schreber)* **Kerr**.

*Mustela (Lutra) guianensis* Kerr, No. 339=*Chironectes minimus (Zimm.) Ill.*

*Mustela afra* Kerr, No. 343=*Mustela javanica Seba*. Not determinable.

*Mustela guianensis* Kerr, No. 348=? *Galictis vittata (Schreber)*.

*Mustela laniger* Kerr, No. 349. Not determinable.

*Mustela zibellina americana* Kerr, No. 352=*Mustela americana Turton*. Hence, *Mustela americana (Kerr) Turton*.

*Mustela zibellina nigra* Kerr, No. 353=*Mustela pennanti Erxl.*

*Mustela melina* Kerr, No. 362. Not determinable.

*Ursus indicus* Kerr, No. 376=*Ursus indicus* Shaw (1800)=*Mellivora indica* (Kerr).

*Didelphis virginiana* Kerr, No. 386=*Didelphis virginiana* Shaw (1800)=*Didelphis marsupialis virginiana* (Kerr).

*Didelphis guianensis* Kerr, No. 389=*Didelphis murina* Linn. (*apud* Thomas).

*Didelphis caudivolvula* Kerr, No. 392=*Pseudochirus peregrinus* (Bodd.) Thomas (*apud* Thomas).

*Didelphis tridactyla* Kerr, No. 397=*Potorous tridactylus* (Kerr) Thomas.

*Didelphis vulpecula* Kerr, No. 398=*Trichosurus vulpecula* (Kerr) Thomas.

*Didelphis maculata* Kerr, No. 399=*Didelphis viverrina* Shaw (1800)=*Dasyurus viverrinus* (Shaw) Thomas. *Nec Viverra maculata* Kerr, No. 331=*Dasyurus maculatus* (Kerr) Thomas.

*Didelphis volans* Kerr, No. 400=*Petauroides volans* (Kerr) Thomas.

*Talpa flava* Kerr, No. 405=*Talpa flava* Zimm. (1777)=*Talpa flavescens* Exxl.=*Scalops aquaticus* (Linn.).

*Talpa fusca* Kerr, No. 408=*Talpa fusca* Zimm. (1777)=*Scalops aquaticus* (Linn.).

*Sorex arcticus* Kerr, No. 416. Not determinable.

*Sorex arcticus cinereus* Kerr, No. 417. Not determinable.

*Sorex cæruleus* Kerr, No. 422=*Sorex cærulescens* Shaw (1800)=**Sorex (Crocidura) cæruleus** Shaw.

*Sorex mexicanus* Kerr, No. 423=Tucan of Fernandez. Not determinable.

*Sorex albipes* Kerr, No. 424. Not determinable.

*Sorex quadricaudatus* Kerr, No. 425=*Sorex tetragonurus* Zimm.=*Sorex vulgaris* Linn.

*Sorex liricaudatus* Kerr, No. 426=*Sorex carinatus* Zimm. Not determinable.

*Sorex unicolor* Kerr, No. 427=*Sorex unicolor* Shaw (1800)=*Sorex constrictus* Zimm. Not determinable.

*Hystrix mexicana* Kerr, No. 438=*Hystrix mexicana* Shaw (1801)=*Synetheres mexicanus* (Kerr) Alston.

*Cavia aguti cunicularis* Kerr, No. 446. Not determinable. In part=genus *Capromys*.

*Cavia magellanica* Kerr, No. 452=*Cavia patachonica* Shaw (1801)=*Dolichotis magellanica* (Kerr) Thomas.

*Castor fiber solitarius* Kerr, No. 456=*Castor fiber* Linn.

*Mus pilorides fulvus* Kerr, No. 461. Not determinable.

*Mus americanus* Kerr, No. 463. Not determinable.

*Mus messorius* Kerr, No. 471=*Mus messorius* Shaw=? *Mus minutus* Pall.

*Mus agrarius americanus* Kerr, No. 473=*Mus leucopus* Raf. (1818)=*Peromyscus leucopus* (Raf.). *Mus americanus* is pre-occupied by Kerr's No. 463.<sup>1</sup>

*Mus minutus flavus* Kerr, No. 475. Not determinable.

*Mus moschatus* Kerr, No. 481. Not determinable.

<sup>1</sup> Kerr appears to have considered it admissible to use the same *varietal* name under *different species* of the same genus, repeated instances of which occur in his work.

*Mus mexicanus* Kerr, No. 483. Not determinable.

*Mus virginianus* Kerr, No. 484. An albino. Not determinable.

*Mus rutilus minor* Kerr, No. 494=? *Evotomys rutilus* (Pall.).

*Mus arvalis nigricans* Kerr, No. 500. Not determinable. Not *Mus nigricans* Raf. 1818.

*Mus lemmus sibiricus* Kerr, No. 505. Not determinable.

*Mus lenæ* Kerr, No. 507=*Mus lenensis* Pall.

*Mus tschelang* Kerr, No. 508. Not determinable.

*Mus* (*Myotalpa*) *talpina nigra* Kerr, No. 517=*Ellobius talpinus* (Pall.).

*Arctomys suslica* Kerr, No. 527=*Mus suslica* Glden. (1770)=*Mus citellus* Linn. (1766).

*Arctomys zemni* Kerr, No. 529=? *Ellobius talpinus* (Pall.).

*Arctomys hudsonia* Kerr, No. 531=Tailless Marmot Pennant. Not determinable.

*Sciurus albipes* Kerr, No. 539. Not determinable. Not *Sciurus albipes* Wagner (1857).

*Sciurus niger albirostris* Kerr, No. 541=*Sciurus niger* Linn. (in part).

*Sciurus virginianus* Kerr, No. 547=*Sciurus virginianus* Turton=*Sciurus niger cinereus* (Linn.).

*Sciurus badjing* Kerr, No. 539=*Sciurus plantani* Ljung (1801). Hence, *Sciurus badjing* Kerr. (cf. Thomas, Ann. and Mag. Nat. Hist. (5) IV, 1879, p. 397).

*Sciurus æstuans fasciatus* Kerr, No. 563=? *Sciurus æstuans* (Linn.).

*Sciurus variegatus minor* Kerr, No. 566. Not determinable.

*Sciurus scrotalis* Kerr, No. 569. Not determinable.

*Sciurus bancrofti* Kerr, No. 570. Not determinable.

*Sciurus guianensis* Kerr, No. 571. Not determinable.

*Sciurus capensis* Kerr, No. 573=*Myoxus inauris* Zimm. (1783)=*Myoxus africanus* Shaw (1801)=*Xerus capensis* (Kerr) Thomas. Hence, ***Xerus inauris*** (Zimm.). *Sciurus capensis* Kerr and *Myoxus inauris* Zimm. (III, p. 275) were both based on the Earless Dormouse of Pennant.

*Sciurus* (*Petaurus*) *virginianus* Kerr, No. 575=*Sciuropterus volans* (Linn.).

*Sciurus* (*Petaurus*) *petaurista* Kerr, No. 579=*Sciurus petaurista* Pall., in part.

*Sciurus* (*Petaurus*) *petaurista niger* Kerr, No. 580=*Sciurus petaurista* Pall., in part.

*Sciurus* (*Petaurus*) *norfolcensis* Kerr, No. 582=*Petaurus sciurea* (Shaw, 1794) Thomas. Hence, ***Petaurus norfolcensis*** Kerr. The name *norfolcensis* has been objected to as not geographically pertinent.

*Dipus ægyptius* Kerr, No. 588a=*Mus ægyptius* Hasselq. (1752 and 1762).

*Dipus sibiricus* Kerr, No. 588b,

*Dipus sibiricus major* Kerr, No. 589,

*Dipus sibiricus medius* Kerr, No. 590,

*Dipus sibiricus minor* Kerr, No. 591,

*Dipus sibiricus pumilio* Kerr, No. 592,

} All based on Pennant, "Hist.  
Quad., No. 292."

*Dipus labradorius* Kerr, No. 596=*Dipus hudsonius* Zimm.=*Zapus hudsonius* (Zimm.) Coues.

*Dipus circassicus* Kerr, No. 597. Not determinable.

*Moschus pygmaeus leverianus* Kerr, No. 634. Not determinable.

*Moschus sinensis* Kerr, No. 638. Not determinable.

*Cervus alces fossilis* Kerr, No. 640=*Cervus giganteus* Goldf. (1821)=*Cervus hibernus* Desm. (1822)=*Cervus megaceros* Hart (1826), etc. Hence, **Alces** (**Megaceros**) **fossilis** (Kerr).

*Cervus tarandus groenlandicus* Kerr, No. 641=*Cervus tarandus*  $\beta$  groenlandicus Gmel.=*Rangifer tarandus groenlandicus* (Gmel.)—not Kerr.

*Cervus tarandus caribou* Kerr, No. 643=*Cervus tarandus*  $\gamma$  caribou Gmel.=*Rangifer tarandus caribou* (Gmel.)—not Kerr.

*Cervus elaphus minutus* Kerr, No. 649. Not determinable.

*Cervus axis maculatus* Kerr, No. 651=*Cervus axis* Erxl.

*Cervus axis unicolor* Kerr, No. 652=*Cervus axis*,  $\beta$  Gmel.=*Cervus unicolor* Schreber (1792).

*Cervus axis major* Kerr, No. 654=Great Axis Pennant.

*Cervus porcinus maculatus* Kerr, No. 656=*Cervus porcinus* Zimm. (1777), also of Schreb. (pl. ccli) and Gmelin.<sup>1</sup>

The following thirteen species of *Cervus* (Nos. 662-675) are given as "Uncertain Species." They are based on Fernandez, Barrere, Buffon and Pennant.

*Cervus temama* Kerr, No. 662=Tama-maçame Hernandez=Mazama tema Raf.<sup>2</sup> (1817)=*Cervus rufinus* Bourc. & Puch. Hence, **Mazama temama** (Kerr).

*Cervus cuguapara* Kerr, No. 663=Cuguacu-apara Marcgrave=*Cervus campestris* F. Cuv. (1817), at least in part.

*Cervus caguete* Kerr, No. 664=Cuguacu, etc. Marcgr. Not determinable.

*Cervus sylvaticus* Kerr, No. 665=*Cervus mexicanus* Gmel. (in part)=Biche des bois Barrere=*Cervus rufus* F. Cuv. (1817), in part.

*Cervus paludosus* Kerr, No. 666=Biche des polétuviers Barrere. Not determinable. Probably not *Cervus paludosus* Desm. 1821, but Desmarest's name is rendered untenable.

*Cervus mazame* Kerr, No. 667=Mazame Buffon. Referred by F. Cuvier to his *Cervus campestris*, and by Goldfuss to his *C. leucogaster*.

*Cervus cariacou* Kerr, No. 668=Cariacou Buffon=? *Cervus rufus* F. Cuvier (1817).

*Cervus barallou* Kerr, No. 669=Biche de barallou Buffon. Not determinable.

*Cervus nemorosus* Kerr, No. 670=Biche des bois Buffon. Not determinable.

<sup>1</sup> Under the genus *Cervus*, Gmelin cites Schreber's plates, while Schreber's text to the same plates cites Gmelin, showing that the plates of Schreber's in question were published long in advance of the text relating to them. Kerr does not cite either, but bases his new names on Pennant and Buffon.

<sup>2</sup> See Merriam, Science, N. S. I, 1895, p. 19.

*Cervus pratensis* Kerr, No. 671=Biche des savanes *Buffon*. Not determinable. Sometimes referred to *Cervus campestris* F. Cuvier.

*Cervus indicus* Kerr, No. 672. Based on Pennant's description and figure of a pair of antlers supposed to have come from India.

*Cervus squinaton* Kerr, No. 673. Based on Pennant's allusion to a kind of Deer so-called in the country west of Hudson Bay.

*Cervus anomalus* Kerr, No. 675. Based on the malformed antlers of a deer, supposed to have come from America. Not determinable.

Antilope saltans Kerr, No. 688=Antilope euchore "*Forster*" *Schreber*, Pl. cclxxii. This plate is cited by Pennant (3d ed., I, 1793, p. 94), and is thus probably of even date with Kerr.

*Ovis ammon europæa* Kerr, No. 733=*Ovis musimon* "*Schreber*," auct.=*Ovis musimon* "*Pallas*" *Schreb.* Säuget. Pl. cclxxxviii A. The plate is credited (Säuget. Theil V, i, p. 1471) to "Fr. Cuv. et Geoffr. mammif, 18° livr.," published in 1819=*Ægoceros musimon* *Pall.*, Zool. Rosso-Asiat., I, 1831 (1811 ?), p. 230, Pl. xix, fig. 7 (skull). This is the earliest use of the name in a specific sense by Pallas that I can find, and Wagner (*Schreb.* Säuget. Th. V, p. 1372 and Pl. cclxxxviii A) evidently thence derived it. Hence the name of the Corsican Sheep or Monflon should stand as ***Ovis europæa* (Kerr)**.

*Bos arneë* Kerr, No. 746=*Bos arnee* *Shaw* (1801)=*Bos bubalis* *Linn.*=***Bubalus bubalis* (Linn.)**.

*Bos barbatus* Kerr, No. 758. Not determinable.

*Sus tajassu minor* Kerr, No. 780=*Dicotyles tajusu* (*Linn.*) juv.

*Sus tajassu patira* Kerr, No. 781=*Dicotyles tajacu* (*Linn.*) juv.

*Delphinus phocæna albus* Kerr, No. 803. Not determinable.

*Delphinus phocæna fuscus* Kerr, No. 804. Not determinable.