

***Brevirhynchocyon* gen. nov., a new name for the genus *Brachyrhynchocyon*
Senut, 2008 (Mammalia, Macroscelidea) preoccupied by *Brachyrhynchocyon*
Loomis, 1936 (Mammalia, Carnivora)**

B. Senut¹ and G. Georgalis²

¹Muséum National d’Histoire Naturelle, Département « Histoire de la Terre » & UMR 7207
CNRS, 8, rue Buffon, 75005 Paris, France

bsenut@mnhn.fr

²Department of Chemical Engineering, Aristotle University, Thessaloniki, Greece
dmetrodon82@yahoo.gr

In 2008, Senut described a new genus of Macroscelidea from the lower Miocene of the Northern Sperrgebiet in Namibia. As the name suggests, *Brachyrhynchocyon*, is a brachyodont animal with smooth premolars, large multipectinate upper incisors, and lacking m3. The new species *Brachyrhynchocyon jacobi* was erected as the type species of the new genus. In the same paper, *Miorhynchocyon gariepensis* (Senut, 2003) was transferred to the new genus, under the new combination *Brachyrhynchocyon gariepensis*.

However, the name *Brachyrhynchocyon* has already been used for an amphicyonid carnivoran (Loomis, in Scott and Jepsen, 1936). The type species of this genus is *Brachycyon intermedius* Loomis, 1931 from the Oligocene of North America. *Brachycyon* was shown to be preoccupied by *Brachycyon* Filhol, 1872 and so Loomis (1936) erected the new genus *Brachyrhynchocyon*. While compiling vertebrate taxonomic lists, one of us (G.G.) noticed the homonymy between the two genera. According to the International Code of Zoological Nomenclature (ICZN), *Brachyrhynchocyon* Senut, 2008, is a junior homonym of *Brachyrhynchocyon* Loomis, 1936. We therefore propose the new genus name *Brevirhynchocyon* gen. nov. to substitute *Brachyrhynchocyon* Senut, 2008. The new name also refers to the brachyodonty of this macroscelidid. *Brevis* is the latin synonym of the greek word *brachys* ($\betaραχύς$) meaning brief or short and *Rhynchocyon*, a modern genus of Macroscelidae and moreover a common ending for other genera of the family.

The two species of *Brachyrhynchocyon* Senut, 2008 are now reassigned as *Brevirhyn-*

chocyon jacobi (Senut, 2008) comb. nov., which is the type species by original designation of the new genus and *Brevirhynchocyon gariepensis* (Senut, 2003) comb. nov.

References

- Filhol, H. 1872. Recherches sur les Mammifères fossiles des dépôts de phosphates de chaux dans les départements du Lot, du Tarn et de Tarn-et-Garonne. Première Partie. Carnassiers et Chiroptères. *Ann. Sci. Géol.*, **3**, 7, 1-31.
- Loomis, F.B. 1931. A new Oligocene dog. *American Journal of Science*, **22**, 100-102.
- Scott, W.B. and Jepsen, G.L. 1936. The mammalian fauna of the White River Oligocene. Part I. Insectivora and Carnivora. *Trans. Amer. Phil. Soc. (New Series)*, **28**, 1-149.
- Senut, B. 2003. The Macroscelididae from the Miocene of the Orange River, Namibia. In: Pickford, M. and Senut, B. (eds), *Geology and Palaeobiology of the Central and Southern Namib*. Vol 2: Palaeontology of the Orange River Valley. *Mem. Geol. Surv. Namibia*, **19**, 119-141.
- Senut, B. 2008. Macroscelididae from the lower Miocene of the Northern Sperrgebiet, Namibia. In: Pickford, M. and Senut, B. (eds) *Geology and Palaeobiology of the Northern Sperrgebiet*. *Mem. Geol. Surv. Namibia*, **20**, 185-225.