

- Allin, E. F. 1975. Evolution of the mammalian middle ear. *Journal of Morphology* 147: 403-438.
<https://doi.org/10.1002/jmor.1051470404>
- Allin, E. F., and Hopson, J. A. 1992. Evolution of the auditory system in Synapsida ("mammal-like reptiles" and primitive mammals) as seen in the fossil record. In: D. B. Webster, R. R. Fay, and A. N. Popper (eds.), *The Evolutionary Biology of Hearing*, 587-614. Springer-Verlag, New York.
https://doi.org/10.1007/978-1-4612-2784-7_37
- Andrews, R. C. 1932. *The New Conquest of Central Asia*. 678 pp. American Museum of Natural History, New York.
- Ameghino, F. 1889. Contribución al conocimiento de los mamíferos fósiles de la República Argentina. *Actas de la Academia Nacional de Ciencias de Córdoba* 6: 1-1027.
<https://doi.org/10.5962/bhl.title.121288>
- Anderson, J. A., and Sues, H.-D. (eds.). 2007. *Major Transitions in Vertebrate Evolution*. Indiana University Press, Bloomington.
- Archer, M., Flannery, T. F., Ritchie, A., and Molnar, R. 1985. First Mesozoic mammal from Australia - an Early Cretaceous monotreme. *Nature* 318: 363-366. <https://doi.org/10.1038/318363a0>
- Archer, M., Arena, R., Bassarova, M., Black, K., Brammal, J., Cooke, B., Creaser, P., Crosby, K., Gillespie, A., Godthelp, H., Gott, M., Hand, S. J., Kear, B., Krikmann, A., Mackness, B., Muirhead, J., Musser, A., Myers, T., Pledge, N., Wang, Y.-Q., and Wroe, S. 1999. The evolutionary history and diversity of Australian mammals. *Australian Mammalogy* 21: 1-45.
- Archibald, J. D., and Averianov, A. O. 2006. Late Cretaceous asioryctitherian eutherian mammals from Uzbekistan and phylogenetic analysis of Asioryctitheria. *Acta Palaeontologica Polonica* 51: 351-376.
- Archibald, J. D., and Rose, K. D. 2005. Womb with a view: The rise of placentals. In: K. D. Rose and J. D. Archibald (eds.), *The Rise of Placental Mammals: Origins and Relationships of the Major Extant Clades*, 1-8. Johns Hopkins University Press, Baltimore and London.
- Averianov, A. O. 2002. Early Cretaceous "symmetrodont" mammal *Gobiotheriodon* from Mongolia and the classification of "Symmetrodonta." *Acta Palaeontologica Polonica* 47: 705-716.
- Averianov, A. O. 2004. Interpretation of the Early Cretaceous mammal *Peraiocynodon* (Docodonta) and taxonomy of some British Mesozoic docodonts. *Russian Journal of Theriology* 3 (1): 1-4.
<https://doi.org/10.15298/rusjtheriol.03.1.01>
- Averianov, A. O., and Skutschas, P. P. 2000. A eutherian mammal from the Early Cretaceous of Russia and biostratigraphy of the Asian Early Cretaceous vertebrate assemblages. *Lethaia* 33: 330-340.
<https://doi.org/10.1080/002411600750053899>
- Averianov, A. O., and Skutschas, P. P. 2001. A new genus of eutherian mammal from the Early Cretaceous of Transbaikalia, Russia. *Acta Palaeontologica Polonica* 46: 431-436.
- Averianov, A. O., and Kielan-Jaworowska, Z. 1999. Marsupials from the Late Cretaceous of Uzbekistan. *Acta Palaeontologica Polonica* 44: 71-81.
- Averianov, A. O., Lopatin, A. V., Krasnolutskii, S. A., and Ivantsov, S. A. 2010. New docodontans from the Middle Jurassic of Siberia and reanalysis of Docodonta relationships. *Proceeding of the Zoological Institute of R.A.S.* 314 (2): 121-148.

- Bakker, R. T. 1986. *The Dinosaur Heresies: New Theories Unlocking the Mystery of the Dinosaurs and Their Extinction*. 482 pp. Citadel Press Book, published by Kensington Publishing, New York.
- Behrensmeyer, A. K., Damuth, J. D., DiMichele, W. A., Potts, R., Sues, H.-D., and Wing, S. L. 1992. *Terrestrial Ecosystems through Time: Evolutionary Paleocology of Terrestrial Plants and Animals*. University of Chicago Press, Chicago.
- Belyaeva, E. I., Trofimov, B. A., and Reshetov, V. Y. 1974. General stages in evolution of late Mesozoic and early Tertiary mammalian faunas in central Asia [in Russian]. *Trudy Sovmestnoi Sovetsko-Mongol'skoi Paleontologicheskoi Ekspeditsii* 1: 19-45.
- Benton, M. J. 2000. Conventions in Russian and Mongolian paleontological literature. In: M. J. Benton, M. A. Shishkin, E. N. Kurochkin, and D. M. Unwin (eds.): *The Age of Dinosaurs in Russia and Mongolia*, xvi-xxxix. Cambridge University Press, Cambridge.
- Benton, M. J. 2007. The PhyloCode: Beating a dead horse? *Acta Palaeontologica Polonica* 52 (3): 651-655.
- Berkey, C. P., and Morris, F. K. 1927. *Geology of Mongolia: Natural History of Central Asia*. Vol. 2. 475 pp. American Museum of Natural History, New York.
- Bininda-Emonds, O. R. P., Cardillo, M., Jones, K. E., MacPhee, R. D. E., Beck, R. M. D., Grenyer, R., Price, S. A., Vos, R. A., Gittleman, J. L., and Purvis, A. 2007. The delayed rise of present-day mammals. *Nature* 446: 507-512. <https://doi.org/10.1038/nature05634>
- Bonaparte, J. F. 1986. Sobre Mesungulatum houssayi y nuevos mamíferos cretácicos de Patagonia. *Actas IV Congreso Argentino de Paleontología y Bioestratigrafía* 2: 48-61.
- Bonaparte, J. F. 1990. New Late Cretaceous mammals from the Los Alamitos Formation, northern Patagonia. *National Geographic Research* 6: 63-93.
- Bonaparte, J. F., and Kielan-Jaworowska, Z. 1987. Late Cretaceous dinosaur and mammal faunas of Laurasia and Gondwana. In: P. J. Currie and E. H. Koster (eds.), *Fourth Symposium on Mesozoic Terrestrial Ecosystems. Short Papers. Occasional Papers of the Tyrrell Museum of Palaeontology* 3: 24-29.
- Bonaparte, J. F., and Migale, L. A. 2010. *Protomamíferos y Mamíferos Mesozoicos de América del Sur*. 441 pp. Museo de Ciencias Naturales Carlos Ameghino, Mercedes, Buenos Aires Province, Argentina.
- Bonaparte, J. F., and Rougier, G. 1987. Mamíferos del Cretácico Inferior de Patagonia. *IV Congreso Latinoamericano de Paleontología* 1: 343-359.
- Borsuk-Białynicka, M. 1970. Lower Pliocene rhinocerotids from Altan Teli, western Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part II*. *Palaeontologia Polonica* 21: 73-92.
- Borsuk-Białynicka, M. 1977. A new camarasaurid sauropod *Opisthocoelicaudia skarzynskii* gen.n., sp.n., from the Upper Cretaceous of Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part VII*. *Palaeontologia Polonica* 37: 5-64.
- Borsuk-Białynicka, M. 1984. Amguimorphans and related lizards from the Late Cretaceous of the Gobi Desert, Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part X*. *Palaeontologia Polonica* 46: 5-105.

Brink, A. S. 1956. Speculations on some advanced mammalian characteristics in higher mammal-like reptiles. *Palaeontologica Africana* 4: 77-95.

Brink, A. S. 1980. The road to endothermy - a review. *Mémoires de la Société géologique de France*, n.s., 139: 29-38.

Broom, R. 1914. On the structure and affinities of the Multituberculata. *Bulletin of the American Museum of Natural History* 33: 115-134.

Butler, P. M. 1939. The teeth of the Jurassic mammals. *Proceedings of the Zoological Society of London* 109: 329-356. <https://doi.org/10.1111/j.1096-3642.1939.tb00719.x>

Butler, P. M. 1978. A new interpretation of the mammalian teeth of tribosphenic pattern from the Albian of Texas. *Breviora* 446: 1-27.

Butler, P. M. 2000. Review of the early allotherian mammals. *Acta Palaeontologica Polonica* 45 (4): 317-342.

Butler, P. M., and Clemens, W. A. 2001. Dental morphology of the Jurassic holotherian mammal *Amphitherium*, with a discussion of the evolution of mammalian post-canine dental formulae. *Palaeontology* 44: 1-20. <https://doi.org/10.1111/1475-4983.00166>

Butler, P. M., and Hooker, J. J. 2005. New teeth of allotherian mammals from the English Bathonian, including the earliest multituberculates. *Acta Palaeontologica Polonica* 50 (2): 185-207.

Butler, P. M., and Kielan-Jaworowska, Z. 1973. Is *Deltatheridium* a marsupial? *Nature* 245: 105-106. <https://doi.org/10.1038/245105a0>

Calaby, J. H. 1968. The platypus (*Ornithorhynchus anatinus*) and its venomous characteristics. In: W. Büchler, E. E. Buckley, and V. Deulofeu (eds.), *Venomous Animals and Their Venoms*. 1: 15-29. Academic Press, New York. <https://doi.org/10.1016/B978-1-4832-2949-2.50009-6>

Carlson, S. J. 2001. Phylogenetic systematics and palaeontology. In: D. A. T. Harper (ed.), *Numerical Palaeobiology*, 41-91. John Wiley & Sons, San Francisco.

Carroll, R. L. 1988. *Vertebrate Paleontology and Evolution*. 698 pp. Freeman & Co., New York.

Cassiliano, M. L., and Clemens, W. A. 1979. Symmetrodonta. In: J. A. Lillegraven, Z. Kielan-Jaworowska, and W. A. Clemens (eds.), *Mesozoic Mammals: The First Two-Thirds of Mammalian History*, 150-161. University of California Press, Berkeley and Los Angeles.

Chang, M.-M., Chen, P.-J., Wang, Y.-Q., Wang, Y., and Miao, D.-S. (eds.), 2003. *The Jehol Biota: The Emergence of Feathered Dinosaurs, Beaked Birds and Flowering Plants*. 208 pp. Shanghai Scientific & Technical Publishers, Shanghai.

Chinsamy, A., and Hurum, J. H. 2006. Bone microstructure and growth patterns of early mammals. *Acta Paleontologica Polonica* 51: 325-338.

Chinsamy-Turan, A. (ed.) 2012. *Forerunners of Mammals: Radiation, Histology, Biology*. 330 pp. Indiana University Press, Bloomington and Indianapolis.

Chow, M., and Rich, T. H. 1982. *Shuotherium dongi*, n. gen. and sp., a therian with pseudo-tribosphenic molars from the Jurassic of Sichuan, China. *Australian Mammalogy* 5: 127-142.

- Cifelli, R. L. 1990a. Cretaceous mammals of southern Utah. I. Marsupial mammals from the Kaiparowits Formation (Judithian). *Journal of Vertebrate Paleontology* 10: 295-319.
<https://doi.org/10.1080/02724634.1990.10011816>
- Cifelli, R. L. 1990b. Cretaceous mammals of southern Utah. II. Marsupials and marsupial-like mammals from the Wahweap Formation (early Campanian). *Journal of Vertebrate Paleontology* 10: 320-331. <https://doi.org/10.1080/02724634.1990.10011817>
- Cifelli, R. L. 1990c. Cretaceous mammals of southern Utah. III. Therian mammals from the Turonian (early Late Cretaceous). *Journal of Vertebrate Paleontology* 10: 332-345.
<https://doi.org/10.1080/02724634.1990.10011818>
- Cifelli, R. L. 1993a. Early Cretaceous mammal from North America and the evolution of marsupial dental characters. *Proceedings of the National Academy of Sciences USA* 90: 9413-9416.
<https://doi.org/10.1073/pnas.90.20.9413>
- Cifelli, R. L. 1993b. Theria of metatherian-eutherian grade and the origin of marsupials. In: F. S. Szalay, M. J. Novacek, and M. C. McKenna (eds.), *Mammal Phylogeny: Mesozoic Differentiation, Multituberculates, Monotremes, Early Therians, and Marsupials*, 205-215. Springer-Verlag, New York.
https://doi.org/10.1007/978-1-4613-9249-1_14
- Cifelli, R. L. 1994. Therian mammals of the Terlingua Local Fauna (Judithian), Aguja Formation, Big Bend of the Río Grande, Texas. *Contributions to Geology, University of Wyoming* 30: 117-136.
- Cifelli, R. L. 1999. Tribosphenic mammal from the North American Early Cretaceous. *Nature* 401: 363-366. <https://doi.org/10.1038/43860>
- Cifelli, R. L. 2000. Counting premolars in early eutherian mammals. *Acta Palaeontologica Polonica* 45: 195-198.
- Cifelli, R. L. 2001. Early mammalian radiations. *Journal of Paleontology* 75: 1214-1226.
[https://doi.org/10.1666/0022-3360\(2001\)075<1214:EMR>2.0.CO;2](https://doi.org/10.1666/0022-3360(2001)075<1214:EMR>2.0.CO;2)
- Cifelli, R. L., and Madsen, S. K. 1999. Spalacotheriid symmetrodonts (Mammalia) from the medial Cretaceous (upper Albian or lower Cenomanian) Mussentuchit local fauna, Cedar Mountain Formation, Utah, USA. *Geodiversitas* 21: 167-214.
- Cifelli, R. L., and de Muizon, C. 1997. Dentition and jaw of *Kokopellia juddi*, a primitive marsupial or near marsupial from the medial Cretaceous of Utah. *Journal of Mammalian Evolution* 4: 241-258.
<https://doi.org/10.1023/A:1027394430433>
- Clemens, W. A. 1963. Fossil mammals of the type Lance Formation, Wyoming. Part I. Introduction and Multituberculata. *University of California Publications in Geological Sciences* 48: 1-105.
- Clemens, W. A. 1965. Collecting Late Cretaceous mammals in Alberta. *Alberta Society of Petroleum Geologists, 15th Annual Field Conference. Part 1.* 137-141.
- Clemens, W. A. 1966. Fossil mammals from the type Lance Formation, Wyoming. Part II. Marsupialia. *University of California Publications in Geological Sciences* 62: 1-122.
- Clemens, W. A. 1968. Origin and early evolution of marsupials. *Evolution* 22: 1-18.
<https://doi.org/10.1111/j.1558-5646.1968.tb03444.x>

- Clemens, W. A. 1973. Fossil mammals of the type Lance Formation, Wyoming. Part III. Eutheria and summary. University of California Publications in Geological Sciences 94: 1-102.
- Clemens, W. A. 1979. A problem in morganucodontid taxonomy. Zoological Journal of the Linnean Society 66: 1-14. <https://doi.org/10.1111/j.1096-3642.1979.tb01898.x>
- Clemens, W. A. 1980. Rhaeto-Liassic mammals from Switzerland and West Germany. Zitteliana, Abhandlungen der Bayerischen Staatssammlung für Paläontologie und Historische Geologie 5: 51-92.
- Clemens, W. A. 1986. On Triassic and Jurassic mammals. In: K. Padian (ed.), The Beginning of the Age of Dinosaurs, 237-246. Cambridge University Press, Cambridge.
- Clemens, W. A., and Mills, J. R. E. 1971. Review of *Peramus tenuirostris*. Bulletin of the British Museum (Natural History), Geology 20: 89-113.
- Cope, E. D. 1881. Eocene Plagiaulacidae. American Naturalist 15: 921-922. <https://doi.org/10.1086/272963>
- Cope, E. D. 1884. The Tertiary Marsupialia. American Naturalist 18: 686-697. <https://doi.org/10.1086/273711>
- Crompton, A. W. 1954. On some Triassic Cynodonts from Tanganyika. Ph.D. dissertation. University of Cambridge, Cambridge, UK.
- Crompton, A. W. 1968. The enigma of the evolution of mammals. Optima (September 1968): 137-151.
- Crompton, A. W. 1971. The origin of the tribosphenic molar. In: D. M. Kermack and K. A. Kermack (eds.), Early Mammals. Zoological Journal of the Linnean Society 50 (1, suppl.): 65-87.
- Crompton, A. W. 1974. The dentitions and relationships of the southern African Triassic mammals, *Erythrotherium parringtoni* and *Megazostrodon rudnerae*. Bulletin of the British Museum (Natural History) Geology 24 (7): 397-437.
- Crompton, A. W., and Jenkins, F. A., Jr. 1968. Molar occlusion in Late Triassic mammals. Biological Reviews 43: 427-458. <https://doi.org/10.1111/j.1469-185X.1968.tb00966.x>
- Crompton, A. W., and Jenkins, F. A., Jr. 1979. Origin of mammals. In: J. A. Lillegraven, Z. Kielan-Jaworowska, and W. A. Clemens (eds.), Mesozoic Mammals: The First Two-Thirds of Mammalian History, 59-73. University of California Press, Berkeley.
- Crompton, A. W., and Kielan-Jaworowska, Z. 1978. Molar structure and occlusion in Cretaceous therian mammals. In: P. M. Butler and K. A. Joysey (eds.), Studies in the Development, Function and Evolution of Teeth, 249-287. Academic Press, London.
- Crompton, A. W., and Luo, Z.-X. 1993. Relationships of the Liassic mammals *Sinoconodon*, *Morganucodon*, and *Dinnetherium*. In: F. S. Szalay, M. J. Novacek, and M. C. McKenna (eds.), Mammal Phylogeny: Mesozoic Differentiation, Multituberculates, Monotremes, Early Therians, and Marsupials, 30-44. Springer-Verlag, New York. https://doi.org/10.1007/978-1-4615-7381-4_4
- Crompton, A. W., Taylor, C. R., and Jagger, J. A. 1978. Evolution of homeothermy in mammals. Nature 272: 333-336. <https://doi.org/10.1038/272333a0>
- Currie, P. J. 2003. Cranial anatomy of tyrannosaurid dinosaurs from the Late Cretaceous of Alberta, Canada. Acta Palaeontologica Polonica. 48 (2): 191-226.

- Currie, P. J., Hurum, J. H., and Sabath, K. 2003. Skull structure and evolution in tyrannosaurid dinosaurs. *Acta Palaeontologica Polonica* 48 (2): 227-234.
- Davis, B. M., and Cifelli, R. L. 2011. Reappraisal of the tribosphenidan mammals from the Trinity Group (Aptian-Albian) of Texas and Oklahoma. *Acta Palaeontologica Polonica* 56 (3): 441-462.
<https://doi.org/10.4202/app.2011.0037>
- Dashzeveg, D., Novacek, M., Norell, M. A., Clark, J. M., Chiappe, L. M., Davidson, A., McKenna, M. C., Dingus, L., Swisher, C., and Perle, A. 1995. Extraordinary preservation in a new vertebrate assemblage from the Late Cretaceous of Mongolia. *Nature* 374: 446-449.
<https://doi.org/10.1038/374446a0>
- Dzik, J. 1975. Spiroboloid millipeds from the Late Cretaceous of the Gobi Desert, Mongolia. In Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions Part VI*. *Palaeontologia Polonica* 33: 17-25.
- Efremov, I. A. 1949. Preliminary results of activity of the First Mongolian Paleontological Expedition of the Academy of Sciences of the USSR, 1946 [in Russian]. *Trudy Mongolskoj Komisii AN SSR* 38: 1-49.
- Efremov, I. A. 1954. Paleontological researches in the Mongolian People's Republic: Results of the Expeditions of 1946, 1948, and 1949 [in Russian]. *Trudy Mongolskoj Komisii Akademii Nauk SSSR* 59: 3-32.
- Elżanowski, A. 1974. Preliminary note on the palaeognathous bird from the Upper Cretaceous of Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part V*. *Palaeontologia Polonica* 30: 103-109.
- Elżanowski, A. 1976. Palaeognathous bird from the Cretaceous of Central Asia. *Nature* 264: 51-53.
<https://doi.org/10.1038/264051a0>
- Elżanowski, A. 1977. Skulls of *Gobipteryx* (Aves) from the upper Cretaceous of Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part VII*. *Palaeontologia Polonica* 37: 153-165.
- Elżanowski, A. 1981. Embryonic bird skeletons from the Late Cretaceous of Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part IX*. *Palaeontologia Polonica* 42: 147-179.
- Evans, A. R. 1995. *Miller's Anatomy of the Dog*. 3rd ed. 1113 pp. W. B. Saunders, Philadelphia.
- Evans, S. E., and Borsuk-Białynicka, M. 1998. A stem-group frog from the early Triassic of Poland. *Acta Palaeontologica Polonica* 43 (4): 573-580.
- Evans, S. E., and Borsuk-Białynicka, M. 2009. The Early Triassic stem-frog *Czatkobatrachus* from Poland. *Palaeontologia Polonica* 65: 79-105.
- Falconer, H. 1857. Description of two species of fossil mammalian genus *Plagiaulax* from Purbeck. *Quarterly Journal of the Geological Society of London* 13: 261-282.
<https://doi.org/10.1144/GSL.JGS.1857.013.01-02.39>
- Fenner, O. J., Williamson, J. A., and Myers, D. 1992. Platypus envenomation - a painful learning experience. *Medical Journal of Australia* 157: 829-832.

- Flynn, J. J., Parrish, J. M., Rakotosamimanana, B., Simpson, W. F., and Wyss, A. E. 1999. A Middle Jurassic mammal from Madagascar. *Nature* 401: 57-60. <https://doi.org/10.1038/43420>
- Fosse, G., Kielan-Jaworowska, Z., and Skaale, S. G. 1985. The microstructure of tooth enamel in multituberculate mammals. *Palaeontology* 28: 438-449.
- Fox, R. C. 1968. Early Campanian (Late Cretaceous) mammals from Alberta, Canada, *Nature* 220: 1046-1047. <https://doi.org/10.1038/2201046a0>
- Fox, R. C. 1969. Studies of Late Cretaceous vertebrates. III. A triconodont mammal from Alberta. *Canadian Journal of Zoology* 47(6): 1253-1256. <https://doi.org/10.1139/z69-196>
- Fox, R. C. 1970. Eutherian mammal from the Early Campanian (Late Cretaceous) of Alberta, Canada. *Nature* 227: 630-631. <https://doi.org/10.1038/227630a0>
- Fox, R. C. 1971a. Early Campanian Multituberculates (Mammalia: Allotheria) from the Upper Milk River Formation, Alberta. *Canadian Journal of Earth Sciences* 8(8): 916-938. <https://doi.org/10.1139/e71-082>
- Fox, R. C. 1971b. Marsupial mammals from the early Campanian Milk River Formation, Alberta. *Canada Zoological Journal of the Linnean Society* 50(1), supplement, 145-164.
- Fox, R. C. 1982. Evidence of new lineage of tribosphenic therians (Mammalia) from the Upper Cretaceous of Alberta, Canada. *Geobios, Memoire Special* 6: 169-175. [https://doi.org/10.1016/S0016-6995\(82\)80111-3](https://doi.org/10.1016/S0016-6995(82)80111-3)
- Fox, R. C. 1984. *Paranyctoides maleficus* (new species), an early eutherian mammal from the Cretaceous of Alberta, Canada. *Carnegie Museum of Natural History Special Publication* 9: 9-20.
- Fox, R. C. 1991. *Saxonella* (Plesiadapiformes: ?Primates) in North America: *S. Naylori*, Sp. Nov., from the late Paleocene of Alberta, Canada. *Journal of Vertebrate Paleontology* 11 (3): 334-349. <https://doi.org/10.1080/02724634.1991.10011402>
- Fraser, N. C., and Sues, H.-D. (eds.). 1994. *In the Shadow of the Dinosaurs - Early Mesozoic Tetrapods*. Cambridge University Press, Cambridge.
- Freeman, E. F. 1976a. A mammalian fossil from the Forest Marble (Middle Jurassic) of Dorset. *Proceedings of the Geologists' Association, London* 87: 231-236. [https://doi.org/10.1016/S0016-7878\(76\)80013-2](https://doi.org/10.1016/S0016-7878(76)80013-2)
- Freeman, E. F. 1976b. Mammal teeth from the Forest Marble (Middle Jurassic) of Oxfordshire, England. *Science* 194: 1053-1055. <https://doi.org/10.1126/science.194.4269.1053>
- Freeman, E. F. 1979. A Middle Jurassic mammal bed from Oxfordshire. *Palaeontology*: 22: 135-166.
- Freeman, E. F. 1982. Fossil bone recovery from sediment residues by the "interfacial method." *Palaeontology* 25: 738-743.
- Gambaryan, P. P. 1974. *How Mammals Run*. 367 pp. Wiley & Sons, New York.
- Gambaryan, P. P., and Kielan-Jaworowska, Z. 1995. Masticatory musculature of Asian taeniolabidoid multituberculate mammals. *Acta Palaeontologica Polonica* 40: 45-108.
- Gambaryan, P. P., and Kielan-Jaworowska, Z. 1997. Sprawling versus parasagittal stance in multituberculate mammals. *Acta Palaeontologica Polonica* 42: 13-44.

- Gaupp, F. E. 1913. Die Reichertsche Theorie (Hammer-, Amboss- und Kieferfrage). *Archiv für Anatomie und Entwicklungsgeschichte* 1912: 1-426.
- Gheerbrant, E., and Astibia, H. 1994. Un nouveau mammifère du Maastrichtien de Laño (Pays Basque espagnol). *Comptes Rendus de l'Académie des Sciences, Paris, Série II* 318: 1125-1131.
- Gidley, J. W. 1909. Notes on the fossil mammalian genus *Ptilodus*, with description of a new species. *Proceedings of the United States National Museum* 36: 611-626.
<https://doi.org/10.5479/si.00963801.36-1689.611>
- Gill, T. N. 1872. Arrangement of the families of mammals with analytical tables. *Smithsonian Miscellaneous Collections* 230: I-VI, 1-98. <https://doi.org/10.5962/bhl.title.14607>
- Gingerich, P. D. 1977. Patterns of evolution in the mammalian fossil record. In: A. Hallam (ed.), *Patterns of Evolution*, 469-500. Elsevier Science Publishers, Amsterdam.
[https://doi.org/10.1016/S0920-5446\(08\)70335-2](https://doi.org/10.1016/S0920-5446(08)70335-2)
- Goodrich, E. S. 1986. *Studies on the Structure and Development of Vertebrates*. xxxiv+837pp. University of Chicago Press, Chicago. Facsimile of 1930 edition, published by MacMillan, London.
- Gow, C. E. 1986. A new skull of *Megazostrodon* (Mammalia: Triconodonta) from the Elliot Formation (Lower Jurassic) of southern Africa. *Paleontologia Africana* 26(2): 13-23.
- Gradziński, R. 1970. Sedimentation of dinosaur-bearing Upper Cretaceous deposits of the Nemegt Basin, Gobi Desert. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part II*. *Palaeontologia Polonica* 21: 147-229.
- Gradziński, R., and Jerzykiewicz, T. 1974. Sedimentation of the Barun Goyot Formation. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part V*. *Palaeontologia Polonica* 30: 111-146.
- Gradziński, R., Kaźmierczak, J., and Lefeld, J. 1969. Geographical and geological data from the Polish-Mongolian Palaeontological Expeditions. *Palaeontologia Polonica* 19: 33-82.
- Gradziński, R., Kielan-Jaworowska, Z., and Maryńska, T. 1977. Upper Cretaceous Djadokhta, Barun Goyot and Nemegt Formations of Mongolia, including remarks on previous subdivisions. *Acta Geologica Polonica* 27: 281-318.
- Grant, T. 1995. *The Platypus: A Unique Mammal*. 92 pp. New South Wales Press, Sydney.
- Gregory, W. K., and Simpson, G. G. 1926. Cretaceous mammal skulls from Mongolia. *American Museum Novitates* 225: 1-20.
- Griffiths, M. 1968. *Echidnas*. 282 pp. Pergamon Press, Oxford.
- Griffiths, M. 1978. *The Biology of the Monotremes*. 357 pp. Academic Press, London.
<https://doi.org/10.1016/B978-0-12-303850-0.50013-6>
- Griffiths, M. 1983. Lactation in Monotremata and speculations concerning the nature of lactation in Cretaceous Multituberculata. In: Z. Kielan-Jaworowska and H. Osmólska (eds.), *Second International Symposium on Mesozoic Terrestrial Ecosystems, Jadwisin 1981*. *Acta Palaeontologica Polonica* 28 (1-2): 93-102.
- Hahn, G. 1969. Beiträge zur Fauna der Grube Guimarota nr. 3. Die Multituberculata. *Palaeontographica, Abteilung A* 133: 1-100.

- Hahn, G. 1973. Neue Zähne von Haramiyiden aus der Deutschen Ober-Trias und ihre Beziehungen zu den Multituberculaten. *Palaeontographica, Abteilung A* 142: 1-15.
- Hahn, G. 1988. Die Ohr-Region der Paulchoffatiidae (Multituberculata, Ober-Jura). *Palaeovertebrata* 18: 155-185.
- Hahn, G., and Hahn, R. 1983. Multituberculata. In: F. Westphal (ed.), *Fossilium Catalogus, I: Animalia, Pars 127*. 1-409. Kugler Publications, Amsterdam.
- Hahn, G., and Hahn, R. 1999. Pinheirodontidae n. fam. (Multituberculata) (Mammalia) aus der tiefen Unter-Kreide Portugals. *Palaeontographica, Abteilung A* 253: 7-222.
- Hahn, G., and Hahn, R. 2006. *Catalogus Plagiaulacidorum cum figuris (Multituberculata suprajurassica et subcretacea)*. In: W. Riegraf (ed.), *Fossilium Catalogus I. Animalia. Pars 140*. 344 pp. Backhuys Publishers, Leiden.
- Hahn, G., and Hahn, R. 2007. *Catalogus Haramiyorum cum figuris (Allotheria Mesozoica)*. In: W. Riegraf (ed.), *Fossilium Catalogus I. Animalia. Pars 143*. 115 pp. Backhuys Publishers, Leiden.
- Hahn, G., Sigogneau-Russell, D., and Wouters, G. 1989. New data on Theroteinidae - their relations with Paulchoffatiidae and Haramiyidae. *Geologica et Paleontologica* 23: 205-215.
- Hayes, J. P., and Garland, T. 1995. The evolution of endothermy: Testing the aerobic capacity model. *Evolution* 49 (5): 836-847. <https://doi.org/10.1111/j.1558-5646.1995.tb02320.x>
- Hedges, S. B., and Kumar, S. (eds.) 2010. *The Timetree of Life*. Oxford University Press, Oxford.
- Heinrich, W.-D. 1999. First haramiyid (Mammalia, Allotheria) from the Mesozoic of Gondwana. *Mitteilungen des Museum für Naturkunde, Berlin, Geowissenschaften Reihe* 2: 159-170. <https://doi.org/10.1002/mmng.1999.4860020112>
- Heinrich, W.-D. 2001. New records of *Staffia aenigmatica* (Mammalia, Allotheria, Haramiyida) from the Upper Jurassic of Tendaguru in southeastern Tanzania, East Africa. *Mitteilungen aus dem Museum für Naturkunde Berlin, Geowissenschaftliche Reihe* 4: 239-255. <https://doi.org/10.5194/fr-4-239-2001>
- Hennig, W. 1966. *Phylogenetic Systematics*. 263 pp. University of Illinois Press, Urbana.
- Hibbard, C. W. 1949. Techniques of collecting microvertebrate fossils. *Contributions from the Museum of Paleontology, University of Michigan* 8: 7-19.
- Hillenius, W. J. 1994. Turbinates in therapsids: Evidence for Late Permian origins of mammalian endothermy. *Evolution* 48: 207-229. <https://doi.org/10.1111/j.1558-5646.1994.tb01308.x>
- Hillenius, W. J., and Ruben, J. A. 2004. The evolution of endothermy in terrestrial vertebrates: Who? When? Why? *Physiological and Biochemical Zoology* 77: 1019-1042. <https://doi.org/10.1086/425185>
- Hopson, J. A. 1966. The origin of mammalian middle ear. *American Zoologist* 6: 437-450. <https://doi.org/10.1093/icb/6.3.437>
- Hopson, J. A. 1973. Endothermy, small size, and the origin of mammalian reproduction. *American Naturalist* 107: 446-462. <https://doi.org/10.1086/282846>
- Hopson, J. A. 1979. Paleoneurology. In: C. A. Gans, R. G. Northcutt, and P. Ulinsky (eds.), *Biology of the Reptilia*, 9: 39-146. Academic Press, London.

- Hopson, J. A. 1994. Synapsid evolution and the radiation of non-eutherian mammals. In: R. S. Spencer (ed.), Major Features of Vertebrate Evolution. Paleontological Society. Short Courses in Paleontology 7: 190-219. <https://doi.org/10.1017/S247526300000132X>
- Hopson, J. A. 1995. The Jurassic mammal *Shuotherium dongi*: "Pseudo-tribosphenic therian," docodontid, or neither? *Journal of Vertebrate Paleontology* 15 (3, suppl.): 36A.
- Hopson, J. A., and Barghusen, H. 1986. An analysis of therapsid relationships. In: N. Hotton III, P. D. MacLean, J. J. Roth, and E. C. Roth (eds.), *The Ecology and Biology of Mammal-Like Reptiles*, 83-106. Smithsonian Institution Press, Washington, D.C.
- Hopson, J. A., and Rougier, G. W. 1993. Braincase structure in the oldest known skull of a therian mammal: Implications for mammalian systematics and cranial evolution. *American Journal of Science* 293: 268-299. <https://doi.org/10.2475/ajs.293.A.268>
- Hu, Y., and Wang, Y.-Q. 2002. *Sinobaatar* gen. nov.: First multituberculate from the Jehol Biota of Liaoning, Northeast China. *Chinese Science Bulletin, Chinese version*, 46 (5): 372-386; English version, 47 (11): 933-938. <https://doi.org/10.1360/02tb9209>
- Hu, Y.-M., Fox, R. C., Wang, Y.-Q., and Li, C.-K. 2005a. A new spalacotheriid symmetrodont from the Early Cretaceous of Northeastern China. *American Museum Novitates* 3475: 1-20. [https://doi.org/10.1206/0003-0082\(2005\)475\[0001:ANSSFT\]2.0.CO;2](https://doi.org/10.1206/0003-0082(2005)475[0001:ANSSFT]2.0.CO;2)
- Hu, Y.-M., Meng, J., Wang, Y.-Q., and Li, C.-K. 2005b. Large Mesozoic mammals fed on young dinosaurs. *Nature* 433: 149-153. <https://doi.org/10.1038/nature03102>
- Hu, Y.-M., Wang, Y.-Q., Li, C.-K., and Luo, Z.-X. 1998. Morphology of dentition and forelimb of *Zhangheotherium*. *Vertebrata Palasiatica* 36: 102-125.
- Hu, Y.-M., Wang, Y.-Q., Luo, Z.-X., and Li, C.-K. 1997. A new symmetrodont mammal from China and its implications for mammalian evolution. *Nature* 390 (13): 137-142. <https://doi.org/10.1038/36505>
- Humboldt, A. von. 1843. *Asie Centrale*. Gide, Paris.
- Hunter, J. P., and Janis, C. M. 2006. Spiny Norman in the Garden of Eden? Dispersal and early biogeography of Placentalia. *Journal of Mammalian Evolution* 13 (2): 89-123. <https://doi.org/10.1007/s10914-006-9006-6>
- Hurum, J. H. 1994. The snout and orbit of Mongolian multituberculates studied by serial sections. *Acta Palaeontologica Polonica* 39: 181-221.
- Hurum, J. H., and Chinsamy-Turan, A. 2012. The radiation, bone histology, and biology of early mammals. In: A. Chinsamy-Turan (ed.), *Forerunners of Mammals: Radiation, Histology, Biology*. 330 pp. Indiana University Press, Bloomington.
- Hurum, J. H., and Kielan-Jaworowska, Z. 2008. Postcranial skeleton of a Cretaceous multituberculate mammal *Catopsbaatar*. *Acta Palaeontologica Polonica* 53 (4): 544-566. <https://doi.org/10.4202/app.2008.0401>
- Hurum, J. H., and Sabath, K. 2003. Giant theropod dinosaurs from Asia and North America: Skulls of *Tarbosaurus bataar* and *Tyrannosaurus rex* compared. *Acta Palaeontologica Polonica* 48 (2): 161-190.
- Hurum, J. H., Luo, Z.-X., and Kielan-Jaworowska, Z. 2006. Were mammals originally venomous? *Acta Palaeontologica Polonica* 51 (1): 1-11.

Huxley, T. H. 1880. On the application of the laws of evolution to the arrangement of the Vertebrata and more particularly of the Mammalia. *Proceedings of the Zoological Society of London* 43: 649-662.

Illiger, C. 1811. *Prodromus systematis mammalium et avium additis terminis zoographicis utriusque classis*. 301 pp. C. Salfeld, Berolini [Berlin]. <https://doi.org/10.5962/bhl.title.106965>

International Committee on Veterinary Gross Anatomical Nomenclature. 2012. *Nomina Anatomica Veterinaria*. 5th ed., revised. Published by the Editorial Committee, Hannover, Germany; Columbia, Mo.; Ghent, Belgium; Sapporo, Japan.

Janis, Ch. M., Gunnell, G. J., and Uhen, M. D. (eds.). 2008. *Evolution of Tertiary Mammals of North America. Vol. 2: Small Mammals, Xenarthrans, and Marine Mammals*. Cambridge University Press, Cambridge. <https://doi.org/10.1017/CBO9780511541438>

Jaworowski, Z., and Peńsko, J. 1967. Unusually radioactive fossil bones from Mongolia. *Nature* 214: 161-163. <https://doi.org/10.1038/214161a0>

Jeffries, R. P. S. 1989. The origin of chordates - a methodological essay. In: M. R. House (ed.), *The Origin of Major Invertebrate Groups*. Systematic Association Special Volume 12, 443-477. Academic Press, London.

Jenkins, F. A., Jr. 1971. The postcranial skeleton of African cynodonts. *Peabody Museum of Natural History Bulletin* 36: 1-216.

Jenkins, F. A., Jr. 1990. Monotremes and the biology of Mesozoic mammals. *Netherlands Journal of Zoology* 40: 5-31. <https://doi.org/10.1163/156854289X00165>

Jenkins, F. A., Jr., and Crompton, A. W. 1979. Triconodonta. In: J. A. Lillegraven, Z. Kielan-Jaworowska, and W. A. Clemens (eds.), *Mesozoic Mammals: The First Two-Thirds of Mammalian History*, 74-90. University of California Press, Berkeley.

Jenkins, F. A., Jr., and Parrington, F. R. 1976. The postcranial skeletons of the Triassic mammals *Eozostrodon*, *Megazostrodon* and *Erythrotherium*. *Philosophical Transactions of the Royal Society of London* 273: 387-431. <https://doi.org/10.1098/rstb.1976.0022>

Jenkins, F. A., Jr., and Schaff, C. R. 1988. The Early Cretaceous mammal *Gobiconodon* (Mammalia, Triconodonta) from the Cloverly Formation in Montana. *Journal of Vertebrate Paleontology* 8: 1-24. <https://doi.org/10.1080/02724634.1988.10011681>

Jenkins, F. A., Jr., Crompton, A. W., and Downs, W. R. 1983. Mesozoic mammals from Arizona: New evidence on mammalian evolution. *Science* 222: 1233-1235. <https://doi.org/10.1126/science.222.4629.1233>

Jenkins, F. A., Jr., Gatesy, S. M., Shubin, N. H., and Amaral, W. W. 1997. Haramiyids and Triassic mammalian evolution. *Nature* 385: 715-718. <https://doi.org/10.1038/385715a0>

Jerison, H. 1973. *Evolution of the Brain and Intelligence*. 482 pp. Academic Press, New York. <https://doi.org/10.1016/B978-0-12-385250-2.50018-3>

Jerzykiewicz, T., Currie, P. J., Eberth, D. A., Johnston, P. A., Koster, E. H., and Zheng, J.-J. 1993. Djadokhta Formation correlative strata in Chinese Inner Mongolia: An overview of stratigraphy, sedimentary geology, and paleontology and comparison with type locality in pre-Altai Gobi. *Canadian Journal of Earth Sciences* 30: 2180-2195. <https://doi.org/10.1139/e93-190>

- Ji, Q., Luo, Z.-X., and Ji, S. 1999. A Chinese triconodont mammal and mosaic evolution of the mammalian skeleton. *Nature* 398: 326-330. <https://doi.org/10.1038/18665>
- Ji, Q., Luo, Z.-X., Yuan, C.-X., and Tabrum, A. R. 2006. A swimming mammaliaform from the Middle Jurassic and ecomorphological diversification of early mammals. *Science* 311: 1123-1127. <https://doi.org/10.1126/science.1123026>
- Ji, Q., Luo, Z.-X., Yuan, C.-X., Wible, J. R., Zhang, J.-P., and Georgi, J. A. 2002. The earliest known eutherian mammal. *Nature* 416: 816-822. <https://doi.org/10.1038/416816a>
- Johnston, P. A., and Fox, R. C. 1984. Paleocene and Late Cretaceous mammals from Saskatchewan, Canada. *Paleontographica, Abteilung A: Palaeozoologie-Stratigraphie* 186(1-6): 163-222.
- Karczewska, J., and Ziemińska-Tworzydło, M. 1981. New Upper Cretaceous Charophyta from the Nemegt Basin, Gobi Desert. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part IX. Palaeontologica Polonica* 42: 97-146.
- Kemp, T. S. 1982. *Mammal-Like Reptiles and the Origin of Mammals*. 363 pp. Academic Press, London.
- Kemp, T. S. 2005. *The Origin and Evolution of Mammals*. 331 pp. Oxford University Press, Oxford.
- Kemp, T. S. 2009. Phylogenetic interrelationships and pattern of evolution of the therapsids: Testing for polytomy. *Palaeontologia Africana* 44: 1-12.
- Kermack, D. M. 1953. *The Anatomy and Physiology of the Gut of Arenicola marina L.* Ph.D. dissertation. University College London, UK.
- Kermack, K. A. 1963. The cranial structure of the triconodonts. *Philosophical Transactions of the Royal Society of London* 246: 83-103. <https://doi.org/10.1098/rstb.1963.0002>
- Kermack, K. A. 1967. The interrelationships of early mammals. *Journal of the Linnean Society (Zoology)* 47 (311): 241-249. <https://doi.org/10.1111/j.1096-3642.1967.tb01407.x>
- Kermack, K. A. 1988. British Mesozoic mammal sites. *Special Papers in Palaeontology* 40: 85-93.
- Kermack, K. A., and Kielan-Jaworowska, Z. 1971. Therian and non-therian mammals. In: D. M. Kermack and K. A. Kermack (eds.), *Early Mammals. Zoological Journal of the Linnean Society* 50 (1, suppl.): 103-116.
- Kermack, D. M., and Kermack, K. A., eds. 1971. *Early mammals. Zoological Journal of the Linnean Society, Vol 50 (1, suppl.): 1-203.*
- Kermack, D. M., and Kermack, K. A. 1984. *The Evolution of Mammalian Characters*. 149 pp. Croom Helm, London. <https://doi.org/10.1007/978-1-4684-7817-4>
- Kermack, K. A., and Mussett, F. 1958. The jaw articulation in the Docodonta and the classification of Mesozoic mammals. *Proceedings of the Royal Society, B* 148: 204-215. <https://doi.org/10.1098/rspb.1958.0063>
- Kermack, K. A., and Mussett, F. 1983. The ear in mammal-like reptiles and early mammals. *Acta Palaeontologica Polonica* 28: 147-158.
- Kermack, D. M., Kermack, K. A., and Mussett, F. 1968. The Welsh pantothere *Kuehneotherium praecursoris*. *Journal of the Linnean Society (Zoology)* 47: 407-423. <https://doi.org/10.1111/j.1096-3642.1968.tb00519.x>

- Kermack, K. A., Lees, P. M., and Mussett, F. 1965. *Aegialodon dawsoni*, a new trituberculosectorial tooth from the lower Wealden. *Proceedings of the Royal Society of London, B* 162: 535-554. <https://doi.org/10.1098/rspb.1965.0055>
- Kermack, K. A., Mussett, F., and Rigney, H. W. 1973. The lower jaw of *Morganucodon*. *Zoological Journal of the Linnean Society* 53: 87-175. <https://doi.org/10.1111/j.1096-3642.1973.tb00786.x>
- Kermack, K. A., Mussett, F., and Rigney, H. W. 1981. The skull of *Morganucodon*. *Zoological Journal of the Linnean Society* 71: 1-158. <https://doi.org/10.1111/j.1096-3642.1981.tb01127.x>
- Kermack, K. A., Kermack, D. M., Lees, P. M., and Mills, J. R. E. 1998. New multituberculate-like teeth from the Middle Jurassic of England. *Acta Palaeontologica Polonica* 43 (4): 581-606.
- Kermack, K. A., Lee, A. J., Lees, P. M., and Mussett, F. 1987. A new docodont from the Forest Marble. *Zoological Journal of the Linnean Society* 89: 1-39. <https://doi.org/10.1111/j.1096-3642.1987.tb01342.x>
- Khosatzky, L. I., and Mlynarski, 1971. The Chelonians from the Upper Cretaceous deposits from the Gobi Desert. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part III. Palaeontologia Polonica* 25: 131-146.
- Kielan-Jaworowska, Z. 1969a. Discovery of a multituberculate marsupial bone. *Nature* 222: 1091-1092. <https://doi.org/10.1038/2221091a0>
- Kielan-Jaworowska, Z. 1969b. *Hunting for Dinosaurs*. 177 pp. MIT Press, Cambridge, Mass.
- Kielan-Jaworowska, Z. 1969c. Preliminary data on the Upper Cretaceous eutherian mammals from Bayn Dzak, Gobi Desert. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part I. Palaeontologia Polonica* 19: 171-191.
- Kielan-Jaworowska, Z. 1970. New Upper Cretaceous multituberculate genera from Bayn Dzak, Gobi Desert. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part II. Palaeontologia Polonica* 21: 35-49.
- Kielan-Jaworowska, Z. 1971. Skull structure and affinities of the Multituberculata. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part III. Palaeontologia Polonica* 25: 5-41.
- Kielan-Jaworowska, Z., 1974. Multituberculate succession in the Late Cretaceous of the Gobi Desert (Mongolia). In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part V. Palaeontologia Polonica* 30: 23-44.
- Kielan-Jaworowska, Z. 1975a. Evolution of the therian mammals in the Late Cretaceous of Asia. Part I. *Deltatheridiidae*. In: Z. Kielan-Jaworowska (ed.), *Results of the 253 Polish-Mongolian Palaeontological Expeditions. Part VI. Palaeontologia Polonica* 33: 103-131.
- Kielan-Jaworowska, Z. 1975b. Preliminary description of two new eutherian genera from the Late Cretaceous of Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part VI. Palaeontologia Polonica* 33: 5-15.
- Kielan-Jaworowska, Z. 1978. Evolution of the therian mammals in the Late Cretaceous of Asia. Part III. *Postcranial skeleton in Zalambdalestidae*. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part VIII. Palaeontologia Polonica* 38: 5-41.

- Kielan-Jaworowska, Z. 1981. Evolution of the therian mammals in the Late Cretaceous of Asia. Part IV. Skull structure in Kennalestes and Asioryctes. In: Z. Kielan-Jaworowska (ed.), Results of the Polish-Mongolian Palaeontological Expeditions. Part IX. *Palaeontologia Polonica* 42: 25-78.
- Kielan-Jaworowska, Z. 1982. Marsupial-placental dichotomy and paleogeography of Cretaceous Theria. In: E. Montanaro Gallitelli (ed.), *Palaeontology, Essential of Historical Geology*, 367-383. S.T.E.M. Mucchi, Modena.
- Kielan-Jaworowska, Z., and Barsbold, R. 1972. Narrative of the Polish-Mongolian Palaeontological Expeditions, 1967-1971. In: Z. Kielan-Jaworowska (ed.), Results of the Polish-Mongolian Palaeontological Expeditions. Part IV. *Palaeontologia Polonica* 27: 5-13.
- Kielan-Jaworowska, Z., and Bonaparte, J. F. 1996. Partial dentary of a multituberculate mammal from the Late Cretaceous of Argentina and its taxonomic implications. *Revista del Museo Argentino de Ciencias Naturales "Bernardino Rivadavia"* 145: 1-9.
- Kielan-Jaworowska, Z., and Cifelli, R. L. 2001. Primitive boreosphenidan mammal (?Deltatheroidea) from the Early Cretaceous of Oklahoma. *Acta Palaeontologica Polonica* 46 (3): 377-391.
- Kielan-Jaworowska, Z., and Dashzeveg, D. 1989. Eutherian mammals from the Early Cretaceous of Mongolia. *Zoologica Scripta* 18: 347-355. <https://doi.org/10.1111/j.1463-6409.1989.tb00460.x>
- Kielan-Jaworowska, Z., and Dashzeveg, D. 1998. Early Cretaceous amphilestid ("triconodont") mammals from Mongolia. *Acta Palaeontologica Polonica* 43: 413-438.
- Kielan-Jaworowska, Z., and Dovchin, N. 1969. Narrative of the Polish-Mongolian Palaeontological Expeditions. In: Z. Kielan-Jaworowska (ed.), Results of the Polish-Mongolian Palaeontological Expeditions, 1963-1965. Part I. *Palaeontologia Polonica* 19: 7-30.
- Kielan-Jaworowska, Z., and Ensom, P. C. 1992. Multituberculate mammals from the Upper Jurassic Purbeck Limestone Formation of southern England. *Palaeontology* 35: 95-126.
- Kielan-Jaworowska, Z., and Ensom, P. C. 1994. Tiny plagiulacoid mammals from the Purbeck Limestone Formation of Dorset, England. *Palaeontology* 37: 17-31.
- Kielan-Jaworowska, Z., and Gambaryan, P. P. 1994. Postcranial anatomy and habits of Asian multituberculate mammals. *Fossils and Strata* 36: 1-92.
- Kielan-Jaworowska, Z., and Hurum, J. H. 1997. Djadochtatheria - a new suborder of multituberculate mammals. *Acta Palaeontologica Polonica* 42: 201-242.
- Kielan-Jaworowska, Z., and Hurum, J. H. 2001. Phylogeny and systematics of multituberculate mammals. *Palaeontology* 44: 389-429. <https://doi.org/10.1111/1475-4983.00185>
- Kielan-Jaworowska, Z., and Hurum, J. H. 2006. Limb posture in early mammals: Sprawling or parasagittal. *Acta Palaeontologica Polonica* 51 (3): 393-406.
- Kielan-Jaworowska, Z., and Lancaster, T. 2004. A new interpretation of multituberculate endocranial casts and encephalization quotient of *Kryptobaatar*. *Acta Palaeontologica Polonica* 49: 177-188.
- Kielan-Jaworowska, Z., and Nesson, L. A. 1990. On the metatherian nature of the Deltatheroidea, a sister group of the Marsupialia. *Lethaia* 23: 1-10. <https://doi.org/10.1111/j.1502-3931.1990.tb01776.x>

- Kielan-Jaworowska, Z., and Nessov, L. A. 1992. Multituberculate mammals from the Cretaceous of Uzbekistan. *Acta Palaeontologica Polonica* 37: 1-17.
- Kielan-Jaworowska, Z., and Trofimov, B. A. 1980. Cranial morphology of Cretaceous eutherian mammal *Barunlestes*. *Acta Palaeontologica Polonica* 25: 167-185.
- Kielan-Jaworowska, Z., and Urbanek, A. 1978. Dedication, Roman Kozłowski (1889-1977). *Acta Palaeontologica Polonica* 23: 115-145.
- Kielan-Jaworowska, Z., Cifelli, R. L., and Luo, Z.-X. 1998. Alleged Cretaceous placental from down under. *Lethaia* 31: 267-268. <https://doi.org/10.1111/j.1502-3931.1998.tb00516.x>
- Kielan-Jaworowska, Z., Cifelli, R. L., and Luo, Z.-X. 2002. Dentition and relationships of the Jurassic mammal *Shuotherium*. *Acta Palaeontologica Polonica* 47: 479-486.
- Kielan-Jaworowska, Z., Cifelli, R., and Luo, Z.-X. 2004. *Mammals from the Age of Dinosaurs: Origins, Evolution, and Structure*. 630 pp. Columbia University Press, New York. <https://doi.org/10.7312/kiel11918>
- Kielan-Jaworowska, Z., Crompton, A. W., and Jenkins, F. A., Jr. 1987a. The origin of egg-laying mammals. *Nature* 326: 871-873. <https://doi.org/10.1038/326871a0>
- Kielan-Jaworowska, Z., Dashzeveg, D., and Trofimov, B. A. 1987b. Early Cretaceous multituberculates from Mongolia and a comparison with Late Jurassic forms. *Acta Palaeontologica Polonica* 32: 3-47.
- Kielan-Jaworowska, Z., Eaton, J. G., and Bown, T. M. 1979. Theria of metatherian-eutherian grade. In: J. A. Lillegraven, Z. Kielan-Jaworowska, and W. A. Clemens (eds.), *Mesozoic Mammals. The First Two-Thirds of Mammalian History*, 182-191. University of California Press, Berkeley.
- Kielan-Jaworowska, Z., Hurum, J. H., and Lopatin, A.V. 2005. Skull structure in *Catopsbaatar* and the zygomatic ridges in multituberculate mammals. *Acta Palaeontologica Polonica* 50 (3): 487-512.
- Kielan-Jaworowska, Z., Presley, R., and Poplin, C. 1986. The cranial vascular system in taeniolabidoid multituberculate mammals. *Philosophical Transactions of the Royal Society of London* 313: 525-602. <https://doi.org/10.1098/rstb.1986.0055>
- Kielan-Jaworowska, Z., Novacek, M. J., Trofimov, B. A., and Dashzeveg, D. 2000. *Mammals from the Mesozoic of Mongolia*. In: M. J. Benton, M. A. Shishkin, E. N. Kurochkin, and D. M. Unwin (eds.), *The Age of Dinosaurs in Russia and Mongolia*, 573-652. Cambridge University Press, Cambridge.
- Kielan-Jaworowska, Z., Ortiz-Jaureguizar, E., Vieytes, C., Pascual, R., and Goin, F. J. 2007. First ?cimolodontan multituberculate mammal from South America. *Acta Palaeontologica Polonica* 52 (2): 257-262.
- Kobayashi, Y., Winkler, D. A., and Jacobs, L. L. 2002. Origin of the tooth-replacement pattern in therian mammals: Evidence from a 110 Myr old fossil. *Proceedings of the Royal Society, London* 269: 369-373. <https://doi.org/10.1098/rspb.2001.1905>
- Koenigswald, W. von, and Storch, G. 1998. *Messel ein Pompeji der Paläontologie*. Thorbecke Species, Vol. 2. 152 pp. Jan Thorbecke Verlag, Sigmaringen.

Koenigswald, W. von, Goin, F. J., and Pascual, R. 1999. Hypsodonty and enamel microstructure in the Paleocene gondwanatherian mammal *Sudamerica ameghinoi*. *Acta Palaeontologica Polonica* 44: 263-300.

Koteja, P. 2000. Energy assimilation, parental care and evolution of endothermy. *Proceedings of the Royal Society of London, B* 267: 479-484. <https://doi.org/10.1098/rspb.2000.1025>

Kowalski, K. 1969. *Pararhizomys hipparionum* Teilhard and Young, 1931 (Rodentia) from the Pliocene of Altan Teli, Western Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part I. Palaeontologia Polonica*, 19: 163-168.

Kowalski, K. 1974. Middle Oligocene rodents from Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part V. Palaeontologia Polonica*, no. 30: 147-178.

Krause, D. W., and Bonaparte, J. F. 1990. The Gondwanatheria, a new suborder of Multituberculata from South America. *Journal of Vertebrate Paleontology* 9 (3, suppl.): 48A.

Krause, D. W., and Bonaparte, J. F. 1993. Superfamily Gondwanatherioidea: A previously unrecognized radiation of multituberculate mammals in South America. *Proceedings of the National Academy of Sciences USA* 90: 9379-9383. <https://doi.org/10.1073/pnas.90.20.9379>

Krause, D. W., and Jenkins, F. A. 1983. The postcranial skeleton of North American multituberculates. *Bulletin of the Museum of Comparative Zoology* 150: 199-246.

Krause, D. W., Kielan-Jaworowska, Z., and Bonaparte, J. 1992. *Ferugliotherium* Bonaparte, the first known multituberculate from South America. *Journal of Vertebrate Paleontology* 12 (3): 351-376. <https://doi.org/10.1080/02724634.1992.10011465>

Krebs, B. 1991. Das Skelett von *Henkelotherium guimarotae* gen. et sp. nov. (Eupantotheria, Mammalia) aus dem Oberen Jura von Portugal. *Berliner geowissenschaftliche Abhandlungen A* 133: 1-110.

Krusat, G. 1980. Contribução para o conhecimento da fauna do Kimeridgiano da mina de lignito Guimarota (Leiria, Portugal). Part IV. *Haldanodon exspectatus* Kühne & Krusat 1972 (Mammalia, Docodonta). *Memórias dos Serviços Geológicos de Portugal* 27: 1-79.

Krusat, G. 1991. Functional morphology of *Haldanodon exspectatus* (Mammalia, Docodonta) from the Upper Jurassic of Portugal. In: Z. Kielan-Jaworowska, N. Heintz, and H. A. Nakrem (eds.), *Fifth Symposium on Mesozoic Terrestrial Ecosystems and Biota*, 37-38. *Contributions from the Paleontological Museum* 363. Oslo.

Kühne, W. G. 1946. The geology of the fissure-filling "Holwell 2"; the age determination of the mammalian teeth therein; and a report on the technique employed when collecting the teeth of *Eozostrodon* and *Microcleptidae*. *Proceedings of the Zoological Society of London* 116: 729-733. <https://doi.org/10.1111/j.1096-3642.1947.tb00145.x>

Kühne, W. G. 1949. On a triconodont tooth of a new pattern from a fissure-filling in South Glamorgan. *Proceedings of the Zoological Society of London* 119: 345-350. <https://doi.org/10.1111/j.1096-3642.1949.tb00883.x>

Kühne, W. G. 1950. A symmetrodont tooth from the Rhaeto-Liass. *Nature* 166: 696-697. <https://doi.org/10.1038/166696a0>

- Kühne, W. G. 1956. The Liassic Therapsid *Oligokyphus*. 149 pp. British Museum (Natural History), London.
- Kühne, W. G. 1958. Rhaetische Triconodonten aus Glamorgan ihre Stellung zwischen den Klassen Reptilia und Mammalia und ihre Bedeutung für die Reichert'sche Theorie. *Paläontologische Zeitschrift* 32: 197-235. <https://doi.org/10.1007/BF02989032>
- Kühne, W. G. 1961a. A mammalian fauna from the Kimmeridgian of Portugal. *Nature* 192: 274-275. <https://doi.org/10.1038/192274a0>
- Kühne, W. G. 1961b. Eine Mammaliafauna aus dem Kimmeridge Portugals. *Neues Jahrbuch für Geologie und Paläontologie, Monatshefte* 7: 374-381.
- Kühne, W. G. 1968. Kimmeridge mammals and their bearing on the phylogeny of the Mammalia. In: E. T. Drake (ed.), *Evolution and Environment*, 109-123. Yale University Press, New Haven.
- Kühne, W. G. 1971. Collecting vertebrate fossils by the Henkel process. *Curator* 14: 175-179. <https://doi.org/10.1111/j.2151-6952.1971.tb00432.x>
- Kühne, W. G., and Krusat, G. 1972. Legalisierung des taxon *Haldanodon* (Mammalia, Docodonta). *Neues Jahrbuch für Geologie, Paläontologie und Mineralogie, Monatshefte* 5: 300-302.
- Kummer, B. 1959. *Bauprinzipien des Säugetierskelettes*. 235 pp. Georg Thieme, Stuttgart.
- Kusuhashi, N., Hu, Y., Wang, Y., Setoguchi, T., and Matsuoka, H. 2010. New multituberculate mammals from the Lower Cretaceous (Shahai and Fuxin Formations), northern China. *Journal of Vertebrate Paleontology* 30 (5): 1501-1514. <https://doi.org/10.1080/02724634.2010.501435>
- Lavas, J. R. 1993. *Dragons from the Dunes: The Search for Dinosaurs in the Gobi Desert*. 138 pp. Published by the author, Auckland, New Zealand.
- Lee, M. S. Y., and Skinner, A. 2007. Stability, ranks and the Phylo-Code. *Acta Palaeontologica Polonica* 52 (3): 643-650.
- Lefeld, J. 1971. Geology of the Djadokhta Formation at Bayn Dzak, Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part III*. *Palaeontologia Polonica* 25: 101-127.
- Li, G., and Luo, Z.-X. 2006. A Cretaceous symmetrodont therian with some monotreme-like postcranial features. *Nature* 439: 195-200. <https://doi.org/10.1038/nature04168>
- Li, J., Wang, Y., Wang, Y., and Li, C. 2000. A new family of primitive mammal from the Mesozoic of western Liaoning, China. *Chinese Science Bulletin* 46 (9): 782-785. <https://doi.org/10.1007/BF03187223>
- Lillegraven, J. A. 1969. Latest Cretaceous mammals of upper part of Edmonton Formation of Alberta, Canada, and review of marsupial-placental dichotomy in mammalian evolution. *University of Kansas Paleontological Contributions* 50: 1-122.
- Lillegraven, J. A. 1975. Biological considerations of the marsupial-placental dichotomy. *Evolution* 29: 707-722. <https://doi.org/10.1111/j.1558-5646.1975.tb00865.x>
- Lillegraven, J. A., and Krusat, G. 1991. Cranio-mandibular anatomy of *Haldanodon expectatus* (Docodonta; Mammalia) from the Late Jurassic of Portugal and its implications to the evolution of mammalian characters. *Contributions to Geology, University of Wyoming* 28: 39-138.

Lillegraven, J. A., Kielan-Jaworowska, Z., and Clemens, W. A. (eds.). 1979. *Mesozoic Mammals: The First Two-Thirds of Mammalian History*. 311 pp. University of California Press, Berkeley.

Lillegraven, J. A., Thompson, S. D., McNab, B. K., and Patton, J. L. 1987. The origin of eutherian mammals. *Biological Journal of the Linnean Society* 32: 281-336. <https://doi.org/10.1111/j.1095-8312.1987.tb00434.x>

Linnaeus, C. 1758. *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis*. Vol. 1: *Regnum animale*. Editio decima, reformata. 824 pp. Laurentii Salvii, Stockholm. <https://doi.org/10.5962/bhl.title.542>

Lucas, S. G., and Hunt, A. P. 1990. The oldest mammal. *New Mexico Journal of Science* 30: 41-49.

Lucas, S. G., and Luo, Z.-X. 1993. *Adelobasileus* from the Upper Triassic of western Texas: The oldest mammal. *Journal of Vertebrate Paleontology* 13: 309-334. <https://doi.org/10.1080/02724634.1993.10011512>

Luo, Z.-X. 1994. Sister-group relationships of mammals and transformations of diagnostic mammalian characters. In: N. C. Fraser and H.-D. Sues (eds.), *In the Shadow of the Dinosaurs - Early Mesozoic Tetrapods*, 98-128. Cambridge University Press, Cambridge.

Luo, Z.-X. 2007a. Transformation and diversification in early mammal evolution. *Nature* 450: 1011-1019. <https://doi.org/10.1038/nature06277>

Luo, Z.-X. 2007b. Successive diversifications in early mammalian evolution. In: J. A. Anderson and H.-D. Sues (eds.), *Major Transitions in Vertebrate Evolution*, 337-391. Indiana University Press, Bloomington.

Luo, Z.-X., and Wible, J. R. 2005. A new Late Jurassic digging mammal and early mammalian diversification. *Science* 308: 103-107. <https://doi.org/10.1126/science.1108875>

Luo, Z.-X., Cifelli, R. L., and Kielan-Jaworowska, Z. 2001a. Dual origin of tribosphenic mammals. *Nature* 409: 53-57. <https://doi.org/10.1038/35051023>

Luo, Z.-X., Crompton, A. W., and Sun, A.-L. 2001b. A new mammal from the Early Jurassic and evolution of mammalian characteristics. *Science* 292: 1535-1540. <https://doi.org/10.1126/science.1058476>

Luo, Z.-X., Ji, Q., and Yuan, C.-X. 2007b. Convergent dental adaptations in pseudo-tribosphenic and tribosphenic mammals. *Nature* 450: 93-97. <https://doi.org/10.1038/nature06221>

Luo, Z.-X., Kielan-Jaworowska, Z., and Cifelli, R. L. 2002. In quest for a phylogeny of Mesozoic mammals. *Acta Palaeontologica Polonica* 47: 1-78.

Luo, Z.-X., Chen, P., Li, G., and Chen, M. 2007a. A new eutriconodont mammal and evolutionary development in early mammals. *Nature* 446: 288-293. <https://doi.org/10.1038/nature05627>

Luo, Z.-X., Ji, Q., Wible, J. R., and Yuan, C.-X. 2003. An Early Cretaceous tribosphenic mammal and metatherian evolution. *Science* 302: 1934-1940. <https://doi.org/10.1126/science.1090718>

Luo, Z.-X., Yuan, C.-X., Meng, Q.-J., and Ji, Q. 2011. A Jurassic eutherian mammal and divergence of marsupials and placentals. *Nature* 476: 442-445. <https://doi.org/10.1038/nature10291>

Maier, G. 2003. *African Dinosaurs Unearthed: The Tendaguru Expeditions*. 400 pp. Indiana University Press, Bloomington. <https://doi.org/10.2307/j.ctt1zxz0sh>

- Maleyev, E. A. 1955. Gigantic carnivorous dinosaurs of Mongolia. Doklady Akademii Nauk SSSR (in Russian) 104 (4): 634-637.
- Marsh, O. C. 1880. Notice on Jurassic mammals representing two new orders. American Journal of Science 20: 235-239. <https://doi.org/10.2475/ajs.s3-20.117.235>
- Marsh, O. C. 1887. American Jurassic mammals. American Journal of Science 33: 326-348. <https://doi.org/10.2475/ajs.s3-33.196.327>
- Marsh, O. C. 1889. Discovery of Cretaceous Mammalia. American Journal of Science 38: 81-92. <https://doi.org/10.2475/ajs.s3-38.223.81>
- Martin, T. 1995. Dryolestidae from the Kimmeridge of the Guimarota coal mine (Portugal) and their implications for dryolestid systematics and phylogeny. In: A. Sun and Y. Wang (eds.), Sixth Symposium on Mesozoic Terrestrial Ecosystems and Biota, 229-231. Ocean Press, Beijing.
- Martin, T. 1997. Tooth replacement in Late Jurassic Dryolestidae (Eupantotheria, Mammalia). Journal of Mammalian Evolution 4: 1-18.
- Martin, T. 1998. The premolars of *Crusafontia cuencana* (Dryolestidae, Mammalia) from the Early Cretaceous (Barremian) of Spain. Berliner geowissenschaftliche Abhandlungen E 28: 119-126.
- Martin, T. 1999a. Dryolestidae (Dryolestidae, Mammalia) aus dem Oberen Jura von Portugal. Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft 550: 1-119.
- Martin, T. 1999b. The mammal fauna of the Late Jurassic Guimarota ecosystem, Portugal. In: H. A. Leanza (ed.), VII International Symposium on Mesozoic Terrestrial Ecosystems, 43. Asociación Paleontológica Argentina, Buenos Aires.
- Martin, T. 2002. New stem-line representatives of Zatheria (Mammalia) from the Late Jurassic of Portugal. Journal of Vertebrate Paleontology 22: 332-348. [https://doi.org/10.1671/0272-4634\(2002\)022\[0332:NSLROZ\]2.0.CO;2](https://doi.org/10.1671/0272-4634(2002)022[0332:NSLROZ]2.0.CO;2)
- Martin, T. 2005. Postcranial anatomy of *Haldanodon exspectatus* (Mammalia, Docodonta) from the Late Jurassic (Kimmeridgian) of Portugal and its bearing for mammalian evolution. Zoological Journal of the Linnean Society 145: 210-248. <https://doi.org/10.1111/j.1096-3642.2005.00187.x>
- Martin, T. 2006. Early mammalian evolutionary experiments. Science 311: 1109-1110. <https://doi.org/10.1126/science.1124294>
- Martin, T., and Averianov, A. 2010. Mammals from the Middle Jurassic Balabansai Svita of the Fergana Depression, Kyrgyzstan. Journal of Vertebrate Paleontology 30 (3): 855-871. <https://doi.org/10.1080/02724631003758045>
- Martin, T., and Krebs, B. (eds.) 2000. Guimarota: A Jurassic Ecosystem. 155 pp. Verlag Dr. Friedrich Pfeil, Munich.
- Martin, T., and Nowotny, M. 2000. The docodont *Haldanodon* from the Guimarota Mine. In: T. Martin and B. Krebs (eds.), Guimarota: A Jurassic Ecosystem, 91-96. Verlag Dr. Friedrich Pfeil, Munich.
- Martin, T., and Rauhut, O. W. M. 2005. Mandible and dentition of *Asfaltomylos patagonicus* (Australosphenida, Mammalia) and the evolution of tribosphenic teeth. Journal of Vertebrate Paleontology 25 (2): 414-425. [https://doi.org/10.1671/0272-4634\(2005\)025\[0414:MADOAP\]2.0.CO;2](https://doi.org/10.1671/0272-4634(2005)025[0414:MADOAP]2.0.CO;2)

- Martin, T., Averianov, A., and Pfretzschner, H.-U. 2010. Mammals from the Late Jurassic Oigu Formation in the Southern Junggar Basin, Xinjiang, Northwest China. *Paleobiodiversity, Palaeoenvironments* 90: 295-319. <https://doi.org/10.1007/s12549-010-0030-4>
- Maryańska, T. 1977. Ankylosauridae (Dinosauria) from Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part VII. Palaeontologia Polonica* 37: 85-152.
- Maryańska, T., and Osmólska, H. 1974. Pachycephalosauria, a new suborder of ornithischian dinosaurs. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part V. Palaeontologia Polonica* 30: 45-102.
- Maryańska, T., and Osmólska, H. 1975. Protoceratopsidae (Dinosauria) of Asia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part VI. Palaeontologia Polonica*, no. 33: 133-181.
- McKenna, M. C. 1962. Collecting small fossils by washing and screening. *Curator* 5: 221-235. <https://doi.org/10.1111/j.2151-6952.1962.tb01586.x>
- McKenna, M. C. 1965. Collecting microvertebrate fossils by washing and screening. In: B. Kummel and D. M. Raup (eds.), *Handbook of Paleontological Technique*, 633-634. W. H. Freeman & Co., New York.
- McKenna, M. C. 1975. Toward a phylogenetic classification of the Mammalia. In: W. P. Luckett and F. S. Szalay (eds.), *Phylogeny of the Primates*, 21-46. Plenum Press, New York. https://doi.org/10.1007/978-1-4684-2166-8_2
- McKenna, M. C., and Bell, S. K. 1997. *Classification of Mammals above the Species Level*. 631 pp. Columbia University Press, New York.
- McKenna, M. C., Bleefeld, A. R., and Mellett, J. S. 1994. Microvertebrate collecting: Large-scale wet sieving for fossil microvertebrates in the field. In: P. Leiggi and P. May (eds.), *Vertebrate Paleontological Techniques*. 1: 93-111. Cambridge University Press, Cambridge.
- McKenna, M. C., Kielan-Jaworowska, Z., and Meng, J. 2000. Earliest eutherian mammal skull from the Late Cretaceous (Coniacian) of Uzbekistan. *Acta Palaeontologica Polonica* 45: 1-54.
- Meng, J., Hu, Y., Wang, Y., Wang, X., and Li, C. 2006. A Mesozoic gliding mammal from northeastern China. *Nature* 444: 889-893. <https://doi.org/10.1038/nature05234>
- Miao, D. 1988. Skull morphology of *Lambdopsalis bulla* (Mammalia, Multituberculata). *Contributions to Geology, University of Wyoming. Special Paper* 4, 1-104.
- Mills, J. R. E. 1964. The dentitions of *Peramus* and *Amphitherium*. *Proceedings of the Linnean Society of London* 175: 117-133. <https://doi.org/10.1111/j.1095-8312.1964.tb00925.x>
- Mills, J. R. E. 1971. The dentition of *Morganucodon*. In: D. M. Kermack and K. A. Kermack (eds.), *Early Mammals. Zoological Journal of the Linnean Society* 50 (1, suppl.): 29-63.
- Miroschnikov, L. I. 1992. What is Central Asia? In: A. H. Dani and V. M. Masson (eds.), *History of Civilisation of Central Asia*, 477-480. UNESCO Publishing, Paris. 259
- Młynarski, M., and Narmandach, P. 1972. New turtle remains from the Upper Cretaceous of the Gobi Desert, Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part IV. Palaeontologia Polonica* 27: 95-101.

- Mones, A. 1987. Gondwanatheria, un nuevo orden de mamíferos sudamericanos (Mammalia: Edentata: ?Xenarthra). *Comunicaciones Paleontológicas del Museo de Historia Natural de Montevideo* 1: 237-240.
- Montanaro Gallitelli, E. (ed.) 1982. *Palaeontology, Essential of Historical Geology*. 524 pp. S.T.E.M. Mucchi, Modena.
- Morgan, V. L., and Lucas, S. G. 2002. Walter Granger, 1872-1941, Paleontologist. *New Mexico Museum of Natural History and Science, Bulletin* 19: 1-58.
- Muizon, C. de. 1998. *Mayulestes ferox*, a borhyaenoid (Metatheria, Mammalia) from the early Palaeocene of Bolivia: Phylogenetic and palaeobiologic implications. *Geodiversitas* 20(1): 19-142.
- Müller, F. 1972. Zur stammesgeschichtlichen Veränderung der Eutheria-Ontogenesen. Part 1: Einführung. Zur Evolution der Geburtsgestalt: Gestaltstadien der Eutheria. Versuch einer Übersicht aufgrund vergleichend morphologischer Studien an Marsupialia und Eutheria. *Revue Suisse de Zoologie* 79 (fasc. 1): 1-97. <https://doi.org/10.5962/bhl.part.97123>
- Murphy, W. J., Eizirik, E., Johnson, W. E., Zhang, Y. P., Ryder, O. A., and O'Brien, S. J. 2001. Molecular phylogenetics and the origins of placental mammals. *Nature* 409: 614-618. *Muséum National d'Histoire Naturelle*. 1992. <https://doi.org/10.1038/35054550>
- Muséum National d'Histoire Naturelle*. 1992. *Dinosaures et Mammifères du Désert de Gobi*. 133 pp. *Jardin des Plantes, Muséum National d'Histoire Naturelle, Paris*.
- Musser, A. M., and Archer, M. 1998. New information about the skull and dentary of the Miocene platypus *Obdurodon dicksoni*, and a discussion of ornithorhynchid relationships. *Philosophical Transactions of the Royal Society of London, Biological Sciences*, B 353: 1063-1079. <https://doi.org/10.1098/rstb.1998.0266>
- Nessov, L. A. 1985. New mammals from the Cretaceous of Kyzylkum [in Russian]. *Vestnik Leningradskogo Universiteta* 17: 8-18.
- Nessov, L. A. 1997. *Cretaceous Non-marine Vertebrates of Northern Eurasia*. Posthumous paper, edited by L. B. Golovneva and A. O. Averianov. 218 pp. *Institute of Earth Crust, University of Saint Petersburg, Saint Petersburg*.
- Nessov, L. A., and Kielan-Jaworowska, Z. 1991. Evolution of the Cretaceous Asian therian mammals. In: Z. Kielan-Jaworowska, N. Heintz, and H.-A. Nakrem (eds.), *Fifth Symposium on Mesozoic Terrestrial Ecosystems and Biota*. Extended Abstracts. *Contributions from the Paleontological Museum, University of Oslo* 364: 51-52.
- Nessov, L. A., Archibald, J. D., and Kielan-Jaworowska, Z. 1998. Ungulate-like mammals from the Late Cretaceous of Uzbekistan and a phylogenetic analysis of Ungulatomorpha. In: K. C. Beard and M. R. Dawson (eds.), *Dawn of the Age of Mammals in Asia*. *Bulletin of the Carnegie Museum of Natural History* 34: 40-88.
- Nessov, L. A., Kielan-Jaworowska, Z., Hurum, J. H., Averianov, A. O., Federov, P. V., Potapov, D. O., and Frøyland, M. 1994. First Jurassic mammals from Kyrgyzstan. *Acta Palaeontologica Polonica* 39: 315-326.
- Novacek, M. 1996. *Dinosaurs of the Flaming Cliffs*. 369 pp. Anchor Books, Doubleday, New York.

- Novacek, M. J. 1999. 100 million years of land vertebrate evolution: The Cretaceous-Early Tertiary transition. *Annals of the Missouri Botanical Garden* 86: 230-258. <https://doi.org/10.2307/2666178>
- Novacek, M., Rougier, G. W., Wible, J. R., McKenna, M. C., Dashzeveg, D., and Horovitz, I. 1997. Epipubic bones in eutherian mammals from the Late Cretaceous of Mongolia. *Nature* 389: 483-486. <https://doi.org/10.1038/39020>
- Nowiński, A. 1971. *Nemegtosaurus mongoliensis* n. gen., n. sp. (Sauropoda) from the Uppermost Cretaceous of Mongolia. *Palaeontologia Polonica* 25: 57-81.
- Orlov, Yu. A. 1989. In the World of Ancient Animals [in Russian]. 162 pp. Nauka, Moscow.
- Osborn, H. F. 1888. On the structure and classification of the Mesozoic Mammalia. *Journal of the Academy of Natural Sciences, Philadelphia*, ser. 2, 9: 186-265.
- Osborn, H. F. 1893. Fossil mammals from the Upper Cretaceous beds. *Bulletin of the American Museum of Natural History* 5: 311-330.
- Osmólska, H. 1993. Were the Mongolian "fighting dinosaurs" really fighting? *Revue de Paléobiologie. Special Volume*, 7: 161-162.
- Osmólska, H., and Roniewicz, E., 1970. *Deinocheiridae*, a new family of theropod dinosaurs. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part II.* *Palaeontologia Polonica* 21: 5-19.
- Osmólska, H., Roniewicz, E., and Barsbold, R., 1972. A new dinosaur *Gallimimus bullatus* n. gen., n. sp. (Ornithomimidae) from the Upper Cretaceous of Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part IV.* *Palaeontologia Polonica* 27: 101-143.
- Owen, R. 1837. Teeth. In: R. B. Todd (ed.), *The Cyclopaedia of Anatomy and Physiology*. 4, pt. 2: 864-935. Sherrwood, Gilbert, & Piper, London.
- Owen, R. 1854. On some fossil reptilian and mammalian remains from the Purbecks. *Quarterly Journal of the Geological Society of London* 10: 420-433. <https://doi.org/10.1144/GSL.JGS.1854.010.01-02.48>
- Owen, R. 1871. Monograph of the fossil Mammalia of the Mesozoic formations. *Monograph of the Palaeontological Society* 33: 1-115. <https://doi.org/10.5962/bhl.title.14831>
- Palmer, A. R., and Geissman, J. (comps.). 1999. *Geologic time scale*. 1 p. Geological Society of America, Boulder, Colo.
- Parker, T. J., and Haswell, W. A. 1897. *A Text-Book of Zoology*. Vol. 2. 683 pp. MacMillan & Co., London. <https://doi.org/10.5962/bhl.title.48519>
- Parrington, F. R. 1941. On two mammalian teeth from the lower Rhaetic of Somerset. *Annals and Magazine of Natural History*, ser. 11, 8: 140-144. <https://doi.org/10.1080/00222934108527197>
- Pascual, R., Goin, F. J., Krause, D. W., Ortiz-Jaureguizar, E., and Carlini, A. A. 1999. The first gnathic remains of Sudamerica: Implications for gondwanathere relationships. *Journal of Vertebrate Paleontology* 19: 373-382. <https://doi.org/10.1080/02724634.1999.10011148>
- Pascual, R., Archer, M., Ortiz-Jaureguizar, E. O., Prado, J. L., Godthelp, H., and Hand, S. J. 1992. First discovery of monotremes in South America. *Nature* 356: 704-705. <https://doi.org/10.1038/356704a0>

- Patterson, B. 1956. Early Cretaceous mammals and the evolution of mammalian molar teeth. *Fieldiana: Geology* 13: 1-105. <https://doi.org/10.5962/bhl.title.3460>
- Patterson, B., and Olson, E. C. 1961. A triconodontid mammal from the Triassic of Yunnan. In: G. Vandebroek (ed.), *International Colloquium on the Evolution of Lower and Non-specialized Mammals*, 129-191. Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België, Brussels.
- Plieninger, W. 1847. *Microlestes antiquus* und *Sargodon tomicus* in der Grenzbrecchie von Degerloch. *Jahreshefte des Vereins für vaterländische Naturkunde in Württemberg* 3: 164-167.
- Poche, F. 1908. Einige notwendige Änderungen in der mammalogischen Nomenklatur. *Zoologischen Annalen* 2: 269-272.
- Pond, C. M. 1977. The significance of lactation in the evolution of mammals. *Evolution* 31 (1): 177-199. <https://doi.org/10.1111/j.1558-5646.1977.tb00995.x>
- Prothero, D. R. 1981. New Jurassic mammals from Como Bluff, Wyoming, and the interrelationships of non-tribosphenic Theria. *Bulletin of the American Museum of Natural History* 167: 277-326.
- Queiroz, K. de, and Gauthier, J. A. 1990. Phylogeny as a central principle in taxonomy: Phylogenetic definition of taxon names. *Systematic Zoology* 39 (4): 27-31. <https://doi.org/10.2307/2992353>
- Quiroga, J. C. 1979. The brain of two mammal-like reptiles (Cynodontia, Therapsida). *Journal für Hirnforschung* 20: 341-350.
- Quiroga, J. C. 1980. The brain of the mammal-like reptile *Probainognathus jenseni* (Therapsida, Cynodontia). A correlative paleo-neurological approach to the neocortex at the reptile-mammal transition. *Journal für Hirnforschung* 21: 299-336.
- Quiroga, J. C. 1984. The endocranial cast of the advanced mammal-like reptile *Therioherpeton cagnini* (Therapsida-Cynodontia) from the Middle Triassic of Brazil. *Journal für Hirnforschung* 25: 285-290.
- Rauhut, O. W. M., Martin, T., and Ortiz-Jaureguizar, E. O. 2002. The first Jurassic mammal from South America. *Nature* 416: 165-168. <https://doi.org/10.1038/416165a>
- Rich, T. H., and P. Vickers-Rich. 2000. *Dinosaurs of Darkness*. Indiana University Press, Bloomington.
- Rich, T. H., and Vickers-Rich, P. 2010. Pseudotribosphenic: The history of a concept. *Vertebrata Palasiatica* 48 (4): 336-347.
- Rich, T. H., Flannery, T. F., and Vickers-Rich, P. 1998. Alleged Cretaceous placental from down under: Reply. *Lethaia* 31: 346-348. <https://doi.org/10.1111/j.1502-3931.1998.tb00524.x>
- Rich, T., Hopson, J. A., Musser, A. M., Flannery, T. F., and Vickers-Rich, P. 2005. Independent origins of middle ear bones in monotremes and therians. *Science* 307: 910-914. <https://doi.org/10.1126/science.1105717>
- Rich, T. H., Flannery, T. F., Trusler, P., Kool, L., van Klaveren, N. and Vickers-Rich, P. 2002. Evidence that monotremes and ausktribosphenids are not sistergroups. *Journal of Vertebrate Paleontology* 22(2): 466-469. [https://doi.org/10.1671/0272-4634\(2002\)022\[0466:ETMAAA\]2.0.CO;2](https://doi.org/10.1671/0272-4634(2002)022[0466:ETMAAA]2.0.CO;2)

- Rich, T. H., Vickers-Rich, P., Constantine, A., Flannery, T. F., Kool, L., and van Klaveren, N. 1997. A tribosphenic mammal from the Mesozoic of Australia. *Science* 278: 1438-1442.
<https://doi.org/10.1126/science.278.5342.1438>
- Rich, T. H., Vickers-Rich, P., Constantine, A., Flannery, T. F., Kool, L., and van Klaveren, N. 1999. Early Cretaceous mammals from Flat Rocks, Victoria, Australia. *Records of the Queen Victoria Museum* 106: 1-35.
- Rich, T. H., Flannery, T. F., Trusler, P., Constantine, A., Kool, L., van Klaveren, N., and Vickers-Rich, P. 2001a. An advanced ausktribosphenid from the Early Cretaceous of Australia. *Records of the Queen Victoria Museum* 110: 1-9.
- Rich T. H., Vickers-Rich, P., Trusler, P., Flannery, T. F., Cifelli, R. L., Constantine, A., Kool, L., and van Klaveren, N. 2001b. Monotreme nature of the Australian Early Cretaceous mammal *Teinolophos trusleri*. *Acta Palaeontologica Polonica* 46: 113-118.
- Rich, T. H., Vickers-Rich, P., Flannery, T. F., Kear, B. P., Cantrill, D. J., Komarover, P., Kool, L., Pickering, D., Trusel, P., Morton, S., van Klaveren, N., and Fitzgerald, E. M. G. 2009. An Australian multituberculate and its palaeobiographic implications. *Acta Palaeontologica Polonica* 54: 1-6.
<https://doi.org/10.4202/app.2009.0101>
- Rigney, H. W. 1956. *Four Years in a Red Hell: The Story of Father Rigney*. 222 pp. Henry Regnery, Chicago.
- Rigney, H. W. 1963. A specimen of *Morganucodon* from Yunnan. *Nature* 197: 1122-1123.
<https://doi.org/10.1038/1971122a0>
- Romer, A. S. 1966. *Vertebrate Paleontology*. 3rd ed. 468 pp. University of Chicago Press, Chicago.
- Rose, K. D. 2006. *The Beginning of the Age of Mammals*. 428 pp. Johns Hopkins University Press, Baltimore.
- Rose, K. D., and Archibald, J. D. (eds.). 2005. *The Rise of Placental Mammals: Origins and Relationships of the Major Extant Clades*. Johns Hopkins University Press, Baltimore and London.
- Rougier, G. W. 1993. *Vincelestes neuquenianus* Bonaparte (Mammalia, Theria), un primitivo mamífero del Cretácico Inferior de la Cuenca Neuquina. Ph.D. dissertation. 720 pp. Universidad Nacional de Buenos Aires, Buenos Aires.
- Rougier, G. W., and Bonaparte, J. F. 1988. La pared lateral del cráneo de *Vincelestes neuquenianus* (Mammalia, Eupantotheria) y su importancia en el estudio de los mamíferos mesozóicos. *Resúmenes V Jornadas Argentina de Paleontología de Vertebrados*. 14-15.
- Rougier, G. W., Ji, Q., and Novacek, M. J. 2003. A new symmetrodont mammal with fur impressions from the Mesozoic of China. *Acta Geologica Sinica [English edition]* 77 (1): 5-14.
<https://doi.org/10.1111/j.1755-6724.2003.tb00104.x>
- Rougier, G. W., Novacek, M. J., and Dashzeveg, D. 1997. A new multituberculate from the Late Cretaceous locality Ukhaa Tolgod, Mongolia: Considerations on multituberculate relationships. *American Museum Novitates* 3193: 1-26.
- Rougier, G. W., Wible, J. R., and Hopson, J. A. 1992. Reconstruction of the cranial vessels in the Early Cretaceous mammal *Vincelestes neuquenianus*: Implications for the evolution of the mammalian

cranial system. *Journal of Vertebrate Paleontology* 12: 188-216.

<https://doi.org/10.1080/02724634.1992.10011449>

Rougier, G. W., Wible, J. R., and Novacek, M. J. 1996. Middle-ear ossicles of *Kryptobataar dashzevegi* (Mammalia, Multituberculata): Implications for mammalian relationships and evolution of the auditory apparatus. *American Museum Novitates* 3187: 1-43.

Rougier, G. W., Wible, J. R., and Novacek, M. J. 1998. Implications of *Deltatheridium* specimens for early marsupial history. *Nature* 396: 459-463. <https://doi.org/10.1038/24856>

Rowe, T. B. 1988. Definition, diagnosis, and origin of Mammalia. *Journal of Vertebrate Paleontology* 8: 241-264. <https://doi.org/10.1080/02724634.1988.10011708>

Rowe, T. B. 1993. Phylogenetic systematics and the early history of mammals. In: F. S. Szalay, M. J. Novacek, and M. C. McKenna (eds.), *Mammal Phylogeny: Mesozoic Differentiation, Multituberculates, Monotremes, Early Therians, and Marsupials*, 129-145. Springer-Verlag, New York. https://doi.org/10.1007/978-1-4613-9249-1_10

Rowe, T. B. 1996. Brain heterochrony and origin of the mammalian middle ear. *Memoirs of the California Academy of Sciences* 20: 71-95.

Rowe, T. B., Rich, T. H., Vickers-Rich, P., Springer, M., and Woodburne, M. O. 2008. The oldest platypus and its bearing on divergence timing of the platypus and echidna clades. *Proceedings of the National Academy of Sciences USA* 105 (4): 1238-1242. <https://doi.org/10.1073/pnas.0706385105>

Rozhdestvenskii, A. K. 1957. Brief results of the study of fossil vertebrates of Mongolia on the data of the Mongolian Palaeontological Expedition of the Academy of Sciences of the USSR in 1946-1949 [in Russian with English summary]. *Vertebrata Palasiatica* 1: 169-183.

Rozhdestvenskii, A. K. 1969. *On the Trail of the Dinosaurs of the Gobi* [in Russian]. 293 pp. Nauka, Moscow.

Schaller, O. (ed.). 1992. *Illustrated Veterinary Anatomy Nomenclature*. 614 pp. Ferdinand Enke Verlag, Stuttgart.

Scillato-Yané, G. R., and Pascual, R. 1984. Un peculiar *Xenarthra* del Paleoceno medio de Patagonia (Argentina): Su importancia en la sistematic de los Paratheria. *Ameghiniana* 21: 173-176.

Sereno, P. C. 2006. Shoulder girdle and forelimb in multituberculates: Evolution of parasagittal forelimb posture in mammals. In: M. T. Carrano, T. J. Gaudin, R. W. Blob, and J. R. Wible (eds.), *Amniote Paleobiology: Perspectives on the Evolution of Mammals, Birds, and Reptiles*. A volume honoring J. A. Hopson, 315-366. University of Chicago Press, Chicago.

Sereno, P. C., and McKenna, M. C. 1995. Cretaceous multituberculate skeleton and the early evolution of the mammalian shoulder girdle. *Nature* 377: 144-147.

<https://doi.org/10.1038/377144a0>

Setoguchi, T., Matsuoka, H., and Matsuda, M. 1999. New discovery of an Early Cretaceous tritylodontid (Reptilia, Therapsida) from Japan and the phylogenetic reconstruction of Tritylodontidae based on the dental characters. In: Y.-Q. Wang and T. Deng (eds.), *Proceedings of the Seventh Annual Meeting of the Chinese Society of Vertebrate Paleontology*, 117-124. China Ocean Press, Beijing.

Shaw, G. K. 1792. *The Naturalist's Miscellany*. Vol. 3. Printed for Nodder & Company, London.

- Shaw, G. K. 1799. *The Naturalist's Miscellany*. Vol. 10. Printed for Nodder & Company, London.
- Shuvalov, V. F. 2000. The Cretaceous stratigraphy and palaeobiography of Mongolia. In: M. J. Benton, M. A. Shishkin, E. N. Kurochkin, and D. M. Unwin (eds.), *The Age of Dinosaurs in Russia and Mongolia*, 256-278. Cambridge University Press, Cambridge.
- Sigogneau-Russell, D. 1983a. Caractéristiques de la fauna mammalienne du Rhétien de Saint-Nicolas-de-Port (Meurthe-et-Moselle). *Bulletin d'Information des Géologues du Bassin de Paris* 20: 51-53.
- Sigogneau-Russell, D. 1983b. Nouveaux taxons de Mammifères rhétiens. *Acta Palaeontologica Polonica* 28: 233-249.
- Sigogneau-Russell, D. 1989. Haramiyidae (Mammalia, Allotheria) en provenance du Trias supérieur de Lorraine (France). *Palaeontographica, Abteilung A* 206: 137-198.
- Sigogneau-Russell, D. 1991. *Les Mammifères au Temps des Dinosaures*. 197 pp. Masson, Paris.
- Sigogneau-Russell, D. 1992. La "longue marche" des Mammifères mésozoïques. In: Muséum National d'Histoire Naturelle, *Dinosaures et Mammifères du Désert de Gobi*, 77-89. Jardin des Plantes, Muséum National d'Histoire Naturelle, Paris.
- Sigogneau-Russell, D. 1998. Discovery of a Late Jurassic Chinese mammal in the upper Bathonian of England. *Comptes Rendus de l'Académie des Sciences, Paris* 327: 571-576.
[https://doi.org/10.1016/S1251-8050\(99\)80040-8](https://doi.org/10.1016/S1251-8050(99)80040-8)
- Sigogneau-Russell, D. 1999. Réévaluation des *Peramura* (Mammalia, Theria) sur la base de nouveaux spécimens du Crétacé inférieur d'Angleterre et du Maroc. *Geodiversitas* 21: 93-127.
- Sigogneau-Russell, D. 2003. Docodonts from the British Mesozoic. *Acta Paleontologica Polonica* 48 (3): 357-374.
- Sigogneau-Russell, D., and Kielan-Jaworowska, Z. 2002. Mammals from the Purbeck Limestone Group of Dorset, southern England. In: A. R. Milner and D. J. Batten (eds.), *Life and Environments in Purbeck Times*. *Special Papers in Palaeontology* 68: 241-255.
- Sigogneau-Russell, D., Dashzeveg, D., and Russell, D. E. 1992. Further data on *Prokennalestes* (Mammalia, Eutheria inc. sed.) from the Early Cretaceous of Mongolia. *Zoologica Scripta* 21: 205-209.
<https://doi.org/10.1111/j.1463-6409.1992.tb00322.x>
- Sigogneau-Russell, D., Frank, R. M., and Hemmerlé, J. 1986. A new family of mammals from the lower part of the French Rhaetic. In: K. Padian (ed.), *The Beginning of the Age of Dinosaurs*, 99-108. Cambridge University Press, Cambridge.
- Simpson, G. G. 1925a. A Mesozoic mammal skull from Mongolia. *American Museum Novitates* 201: 1-11.
- Simpson, G. G. 1925b. Mesozoic Mammalia. I. American triconodonts: Part 1. *American Journal of Science* 10: 145-165. <https://doi.org/10.2475/ajs.s5-10.56.145>
- Simpson, G. G. 1925c. Mesozoic Mammalia. I. American triconodonts: Part 2. *American Journal of Science* 10: 334-358. <https://doi.org/10.2475/ajs.s5-10.58.334>
- Simpson, G. G. 1928a. *A Catalogue of the Mesozoic Mammalia in the Geological Department of the British Museum*. 215 pp. Trustees of the British Museum, London.

- Simpson, G. G. 1928b. Mesozoic Mammalia. XII. The internal mandibular groove of Jurassic mammals. *American Journal of Science* 15: 461-470. <https://doi.org/10.2475/ajs.s5-15.90.461>
- Simpson, G. G. 1929. American Mesozoic Mammalia. *Memoirs of the Peabody Museum of Yale University* 3: 1-235.
- Simpson, G. G. 1931. A new classification of mammals. *Bulletin of the American Museum of Natural History* 59: 259-293.
- Simpson, G. G. 1936. Studies of the earliest mammalian dentition. *Dental Cosmos* 78 (8): 791-800.
- Simpson, G. G. 1937. Skull structure of the Multituberculata. *Bulletin of the American Museum of Natural History* 73: 727-763.
- Simpson, G. G. 1945. The principles of classification and a classification of mammals. *Bulletin of the American Museum of Natural History* 85: 1-350.
- Simpson, G. G. 1947. Haramiya, new name, replacing Microcleptes Simpson, 1928. *Journal of Paleontology* 21: 497.
- Simpson, G. G. 1959. Mesozoic mammals and the polyphyletic origin of mammals. *Evolution* 13: 405-414. <https://doi.org/10.1111/j.1558-5646.1959.tb03026.x>
- Simpson, G. G. 1971. Concluding remarks: Mesozoic mammals revisited. In: D. M. Kermack and K. A. Kermack (eds.), *Early Mammals*. *Zoological Journal of the Linnean Society* 50 (1, suppl.): 181-198.
- Slaughter, B. H. 1971. Mid-Cretaceous (Albian) therians of the Butler Farm local fauna, Texas. In: D. M. Kermack and K. A. Kermack (eds.), *Early Mammals*. *Zoological Journal of the Linnean Society* 50 (1, suppl.): 131-143.
- Slaughter, B. H. 1981. The Trinity therians (Albian, mid-Cretaceous) as marsupials and placentals. *Journal of Paleontology* 55: 682-683.
- Smith, T., Guo, D.-Y., and Sun, Y. 2001. A new species of Kryptobaatar (Multituberculata): The first Late Cretaceous mammal from Inner Mongolia (P. R. China). *Bulletin de l'Institut Royal de Belgique, Sciences de la Terre* 71 (suppl.): 29-50.
- Sokal, R. R., and Sneath, P. H. A. 1963. *Principles of Numerical Taxonomy*. 359 pp. W. H. Freeman, San Francisco.
- Sues, H.-D., ed. 2000. *Evolution of Herbivory in Terrestrial Vertebrates: Perspectives from the Fossil Record*. 256 pp. Cambridge University Press, New York. <https://doi.org/10.1017/CBO9780511549717>
- Sues, H.-D., and Fraser, N. C. 2010. *Triassic Life on Land: The Great Transition*. 224 pp. Columbia University Press, New York.
- Sulimski, A., 1972. *Adamisaurus magnidentatus* n.gen., n. sp. from the Upper Cretaceous of Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part IV*. *Palaeontologia Polonica* 27: 33-40.
- Sulimski, A., 1975. *Macrocephalosauridae and Polyglyphanodontidae (Sauria) from the Late Cretaceous of Mongolia*. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part VI*. *Palaeontologia Polonica* 33: 35-102.

Suzuki, S., and Tsubamoto, T. 2010. A list of the publications and presentations on the results by the HMNS-MPC Joint paleontological Expedition: 2003-2009. *Bulletin of the Hayashibara Museum of Natural Sciences* 3: 187-190.

Swofford, D. L. 2000. PAUP*: Phylogenetic Analysis Using Parsimony (*and Other Methods). Ver. 4.0. Sinauer Associates, Sunderland, Mass.

Szalay, F. S. 1994. *Evolutionary History of the Marsupials and an Analysis of Osteological Characters*. 481 pp. Cambridge University Press, Cambridge. <https://doi.org/10.1017/CBO9780511565571>

Szalay, F. S., and Trofimov, B. A. 1996. The Mongolian Late Cretaceous Asiatherium, and the early phylogeny and paleobiogeography of Metatheria. *Journal of Vertebrate Paleontology* 16: 474-509. <https://doi.org/10.1080/02724634.1996.10011335>

Szczechura, J., 1978. Fresh-water Ostracoda from the Nemegt Formation (Upper Cretaceous) of Mongolia. In: Z. Kielan-Jaworowska (ed.), *Results of the Polish-Mongolian Palaeontological Expeditions. Part VIII. Palaeontologia Polonica* 38: 65-121.

Taquet, P. 1992. La vie et la mort des Dinosaures. In: *Muséum National d'Histoire Naturelle, Dinosaures et Mammifères du Désert de Gobi*, 47-62. Jardin des Plantes, Muséum National d'Histoire Naturelle, Paris.

Tatarinov, L. P. 1994. On an unusual mammalian tooth from the Mongolian Jurassic [in Russian]. *Paleontologicheskij Zurnal* 1994: 97-105.

Thomason, J. J., and Russell, A. P. 1986. Mechanical factors in the evolution of the mammalian secondary palate - a theoretical analysis. *Journal of Morphology* 189: 199-213. <https://doi.org/10.1002/jmor.1051890210>

Trofimov, B. A. 1978. The first triconodonts (Mammalia, Triconodonta) from Mongolia [in Russian]. *Doklady Akademii Nauk SSSR* 243: 213-216.

Trofimov, B. A. 1980. Multituberculata and Symmetrodonta from the Lower Cretaceous of Mongolia [in Russian]. *Doklady Akademii Nauk SSSR* 251: 209-212.

Trofimov, B. A., and Szalay, F. S. 1994. New Cretaceous marsupial from Mongolia and the early radiation of the Metatheria. *Proceedings of the National Academy of Sciences USA* 91: 12,569-12,573. <https://doi.org/10.1073/pnas.91.26.12569>

van Valen, L. 1966. Deltatheridia, a new order of mammals. *Bulletin of the American Museum of Natural History* 132: 1-126.

Vázquez-Molinero, R., Martin, T., Fischer, M. S., and Frey, R. 2001. Comparative anatomical investigations of the postcranial skeleton of *Henkelotherium guimarotae* Krebs, 1991 (Eupantotheria, Mammalia) and their implications for its locomotion. *Mitteilungen aus dem Museum für Naturkunde in Berlin, Zoologische Reihe* 77 (2): 207-216. <https://doi.org/10.1002/mmnz.20010770206>

Vullo, R., Girard, V., Azar, D., and Néraudeau, D. 2010. Mammalian hairs in Early Cretaceous amber. *Naturwissenschaften* 97 (7): 683-687. <https://doi.org/10.1007/s00114-010-0677-8>

Wang, Y.-Q., Clemens, W. A., Hu, Y.-M., and Li, C.-K. 1998. A probable pseudotribosphenic upper molar from the Late Jurassic of China and the early radiation of the Holotheria. *Journal of Vertebrate Paleontology* 18: 777-787. <https://doi.org/10.1080/02724634.1998.10011106>

- Warren, W., et al. 2008. Genome analysis of the platypus reveals unique signatures of evolution. *Nature* 453: 175-186. <https://doi.org/10.1038/nature06936>
- Watabe, M. 2000. The list of publications and presentations of the results of the Hayashibara Museum of Natural Sciences and Mongolian Paleontological Center Joint Paleontological Expedition. *Bulletin of the Hayashibara Museum of Natural Sciences* 1: 128-130.
- Watabe, M., Sonda, T., and Tsogtbataar, K. 2004. The monolith - a method for excavation of large-scale dinosaur skeletons. *Research Bulletin of the Hayashibara Museum of Natural Sciences* 2: 29-43.
- Watson, D. M. S. 1916. The monotreme skull: A contribution to mammalian morphogenesis. *Philosophical Transactions of the Royal Society of London* 207: 311-374. <https://doi.org/10.1098/rstb.1916.0007>
- Watson, D. M. S. 1931. On the skeleton of a bauriamorph reptile. *Proceedings of the Zoological Society, London* (1931): 1163-1205. <https://doi.org/10.1111/j.1096-3642.1931.tb01056.x>
- Weigelt, J. 1927. *Rezente Wirbeltierleichen und ihre paläobiologische Bedeutung*. 227 pp. Verlag von Max Weg, Leipzig.
- Weigelt, J. 1989. *Recent Vertebrate Caracasses and Their Paleobiological Implications*. 204 pp. University of Chicago Press, Chicago. <https://doi.org/10.7208/chicago/9780226881683.001.0001>
- Weil, A., and Krause, D. W. 2008. Multituberculata. In: Ch. M. Janis, G. J. Gunnell, and M. D. Uhen (eds.), *Evolution of Tertiary Mammals of North America*, 2: 19-38. Cambridge University Press, Cambridge. <https://doi.org/10.1017/CBO9780511541438.003>
- Weishampel, D. B., Dodson, P., and Osmólska, H. 2004. *The Dinosauria*. 2nd ed. 861pp. University of California Press, Berkeley.
- Wible, J. R. 1991. Origin of Mammalia: The craniodental evidence reexamined. *Journal of Vertebrate Paleontology* 11: 1-28. <https://doi.org/10.1080/02724634.1991.10011372>
- Wible, J. R., and Rougier, G. W. 2000. The cranial anatomy of *Kryptobaatar dashzevegi* (Mammalia, Multituberculata), and its bearing on the evolution of mammalian characters. *Bulletin of the American Museum of Natural History* 247: 1-124. [https://doi.org/10.1206/0003-0090\(2000\)247<0001:CAOKDM>2.0.CO;2](https://doi.org/10.1206/0003-0090(2000)247<0001:CAOKDM>2.0.CO;2)
- Wible, J. R., Novacek, M. J., and Rougier, G. W. 2004. New data on the skull and dentition in the Mongolian Late Cretaceous eutherian mammal *Zalambdalestes*. *Bulletin of the American Museum of Natural History* 281: 1-144. [https://doi.org/10.1206/0003-0090\(2004\)281<0001:NDOTSA>2.0.CO;2](https://doi.org/10.1206/0003-0090(2004)281<0001:NDOTSA>2.0.CO;2)
- Wible, J. R., Rougier, G. W., Novacek, M. J., and Asher, R. J. 2007. Cretaceous eutherians and Laurasian origin for placental mammals near the K/T boundary. *Nature* 447: 1003-1006. <https://doi.org/10.1038/nature05854>
- Wible, J. R., Rougier, G. W., Novacek, M. J., and Asher, R. J. 2009. The eutherian mammal *Maelestes gobiensis* from the Late Cretaceous of Mongolia and the phylogeny of Cretaceous Eutheria. *Bulletin of the American Museum of Natural History* 327: 1-123. <https://doi.org/10.1206/623.1>
- Wible, J. R., Rougier, G. W., Novacek, M. J., McKenna, M. C., and Dashzeveg, D. 1995. A mammalian petrosal from the Early Cretaceous of Mongolia: Implications for the evolution of the ear region and mammalian interrelationships. *American Museum Novitates* 3149: 1-19.

Wiley, E. O. 1981. *Phylogenetics: The Theory and Practice of Phylogenetic Systematics*. 439 pp. John Wiley & Sons, New York.

Woodburne, M. O., and Tedford, R. H. 1975. The first Tertiary monotreme from Australia. *American Museum Novitates* 2588: 1-11.

Woodburne, M. O., Rich, T. H., and Springer, M. S. 2003. The evolution of tribospheny and the antiquity of mammalian clades. *Molecular Phylogeny and Evolution* 28: 360-385.

[https://doi.org/10.1016/S1055-7903\(03\)00113-1](https://doi.org/10.1016/S1055-7903(03)00113-1)

Zittel, K. A. von. 1893. *Handbuch der Paläontologie*. Section 1: Paläozoologie. Vol. 4: Vertebrata (Mammalia). 799 pp. R. Oldenbourg, Munich.