

CURRICULUM VITAE (Short)

Jin Meng

Present Appointment

Curator-in-Charge of Fossil Mammals, Division of Paleontology
 Professor, Richard Gilder Graduate School
 American Museum of Natural History
 Central Park West at 79th St.
 New York, NY 10024
 Phone: 212-496-3337
 Phone: 212-496-3337; Fax: 212-769-5842; email: jmeng@amnh.org

Education

- 09-1985---06-1991: Ph.D., Columbia University, affiliated with the American Museum of Natural History (major: vertebrate paleontology; advisor: Dr. Malcolm C. McKenna).
- 09-1982---10-1984: M.S., the Graduate School of Sciences and Technology, Beijing, and the Institute of Vertebrate Paleontology and Paleoanthropology, Academia Sinica, Beijing (major: vertebrate paleontology; advisor, Dr. Minchen Chow).
- 02-1978---02-1982: B.S., Beijing University (major: geology).

Professional experience

- 06-2007---present Curator, American Museum of Natural History
- 10-2008---present Professor, Richard Gilder Graduate School, AMNH
- 07-2002---05-2007 Associate Curator, American Museum of Natural History
- 07-1999---06-2002 Assistant Curator, American Museum of Natural History
- 01-2000---present Adjunct faculty, the Biology Department of the City University of New York.
- 01-2000---present Adjunct faculty, the Department of Earth and Environmental Sciences of the City University of New York.
- 10-2007---present Research Associate, Carnegie Museum of Natural History
- 01-1996---present Research Associate, Institute of Vertebrate Paleontology and Paleoanthropology, Beijing.
- 09-1996---06-1999 Assistant Professor, Department of Biology, University of Massachusetts, Amherst.
- 09-1995---09-1996 Research Scientist, Department of Vertebrate Paleontology, American Museum of Natural History.
- 09-1993---06-1996 Post-doctoral Fellow, the Department of Vertebrate Paleontology, American Museum of Natural History
- 07-1992---08-1993 Research Scientist, the Department of Biology, University of Alberta, Edmonton, Canada.

- 07-1991---06-1992 Post-doctoral Fellow, the Department of Paleobiology, the National Museum of Natural History, Smithsonian Institution, Washington D.C.
- 01-1987---02-1978 Others.

Serves at the AMNH

Served at: Comparative Biology Ph.D. Program Committee; Collections Committee of the Scientific Senate; Academic Affairs and Fellowships Committee; Library Committee; Museum Senate Executive Committee; Appointment and Promotion Committee; Museum Senate Executive Committee; Grant and Fellowship Committee; Science Strategic Planning Committee; T. Roosevelt and Lerner-Gray Committees; Search Committees.

Memberships and services at professional organizations

Current: Associate editor for geoscience – National Science Review (Chinese Academy of Sciences); Assistant Editor of *Palaeoworld*, Amsterdam, the Netherlands; Research Associate, Carnegie Museum of Natural History; Editorial board member for the *Memoir of Vertebrate Fossils of China* (Editorial Committee of *Palaeovertebrata Sinica*); Editorial board member of *Palaeoworld*, Amsterdam, the Netherlands; Editorial board member of *Vertebrate Paleobiology and Paleoanthropology*, Kluwer, New York; Member of the Scientific Committee of *Geodiversitas*, Paris; Associate Editor of the *Chinese Science Bulletin*, Beijing; Oversea Assessor of Chinese Academy of Sciences, Beijing, China; Editorial board member of *Vertebrata Palasiatica*; Society of Vertebrate Paleontology of America; Society of Vertebrate Paleontology of China.

Past: NSF panelist for Sedimentary Geology and Paleobiology; Oversea Assessor of Chinese Academy of Sciences, Beijing, China; Editorial board member of the *Progress in Natural Science*, CNSF; Abroad reviewer for Chinese National Awards of Science and Technology, the Ministry of Science and Technology, China; Associate Editor of the *Journal of Vertebrate Paleontology*; Bryan Patterson Award Committee, Society of Vertebrate Paleontology; Society for Study of Mammalian Evolution; Society of Sigma X.

Research Papers

- In press. Roberts, E. M., Lamanna, M. C., Clarke, J. A., Meng, J., Gorscak, E., Sertich, J. J. W., O'Connor, P. M., Claeson, K. M., and MacPhee, R. D. E. Latest cretaceous and ?earliest Paleogene paleoecosystems of Vega Island, James Ross Basin, Antarctica: stratigraphy, fossils, and implications. *Palaeogeography, Palaeoclimatology, Palaeoecology*.
- In press. Wu, S.-Y., F.-C. Zhang, S. V. Edwards, W.-Y. Wu, J. Ye, S.-D. Bi, X.-J. Ni, C. Quan, J. Meng, and C. L. Organ. Jerboa Bipedalism Originated in Humid and Vegetated Environments. *Evolution*.
- In press. Mao, F.-Y., Y.Q. Wang, J. Meng, and X. Jin. Tooth crown formation time in three Asian coryphodontids and comparison of life history with extant analogues. *Vertebrata Palasiatica*.

- In press. Olivier Maridet, Wenyu Wu, Jie Ye, **J. Meng**, Shundong Bi, Xijun Ni. An Early Miocene microtoid cricetid (Rodentia, Mammalia) from the Junggar Basin of Xinjiang, China. *Acta Palaeontologica Polonica*.
2014. Jiang, B.-Y., Z.-H. Zhou, G. E. Harlow, K. Wohletz and **J. Meng**. New evidence suggests pyroclastic flows are responsible for the remarkable preservation of the Jehol biota. *Nature Communications*.
2014. Hou, Shilin and **Meng Jin**. A new eutriconodont mammal from the Early Cretaceous Jehol Biota of Liaoning, China. *Chinese Science Bulletin* 59(5–6):546–553.
2013. Li, Q. and **J. Meng** Eocene ischyromyids (Rodentia, Mammalia) from the Erlian Basin, Nei Mongol, China. *Vertebrata Palasiatica*. 51: 289—304.
2013. Lucja Fostowicz-Frelik and **J. Meng**. Comparative morphology of premolar foramen in lagomorphs (Mammalia: Glires) and its functional and phylogenetic implications. *PLoS ONE* 8(11): e79794. doi:10.1371/journal.pone.0079794, pp 1-18.
2013. O’Leary, M. A. J. I. Bloch, J. J. Flynn, T. J. Gaudin, A. Giallombardo, N. P. Giannini, S. L. Goldberg, B. P. Kraatz, Z-X Luo, **J. Meng**, X-J Ni, M. J. Novacek, F. A. Perini, Z. Randall, G. W. Rougier, E. J. Sargis, M. T. Silcox, N. B. Simmons, M. Spaulding, P. M. Velazco, M. Weksler, J. R. Wible, A. L. Cirranello. Response to technical comment on “The placental mammal ancestor and the post-KPg radiation of placentals” *Science* 341: 613-c.
2013. Zheng, X.-t., S.-d. Bi, X.-l. Wang and **J. Meng**. A new arboreal haramyid and the Jurassic diversification of crown mammals. *Nature* 500: 199-202.
2013. Xijun Ni, Daniel L. Gebo, Marian Dagosto, **Jin Meng**, Paul Tafforeau, John J. Flynn, K. Christopher Beard. The Oldest Known Primate Skeleton and Early Haplorhine Evolution. *Nature* 498: 60–64; doi:10.1038/nature12200.
2013. Wu, W.-Y., X.-J. Ni, J. Ye, **J. Meng**, and S.-D. Bi. 2013. Mylagaulids (Mammalia: Rodentia) from the early Middle Miocene of northern Juggar Basin. *Vertebrata Palasiatica* 51: 55-70.
2013. **Meng, J.** J. Ye, W.-Y. Wu, X.-J. Ni, and S.-D. Bi. A Single-point base definition of the Xiejian age as an exemplar for refining Chinese land mammal ages. Pp. 124-141 in Wang, X.-M., L. J. Flynn and M. Fortelius (eds) *Fossil Mammals of Asia – Neogene Biostratigraphy and Chronology*. Columbia University Press, New York.
2013. O’Leary, M. A. J. I. Bloch, J. J. Flynn, T. J. Gaudin, A. Giallombardo, N. P. Giannini, S. L. Goldberg, B. P. Kraatz, Z-X Luo, **J. Meng**, X-J Ni, M. J. Novacek, F. A. Perini, Z. Randall, G. W. Rougier, E. J. Sargis, M. T. Silcox, N. B. Simmons, M. Spaulding, P. M. Velazco, M. Weksler, J. R. Wible, A. L. Cirranello. Phylogenetic reconstruction of the post K-Pg placental ancestor and a transformation of phylophenomics. *Science*. 339: 662-667.
2013. Bi S, **Meng J**, McLean S, Wu W, Ni X, and Ye. J. (2013) A New Genus of Aplodontid Rodent (Mammalia, Rodentia) from the Late Oligocene of Northern Junggar Basin, China. *PLoS ONE* 8(1): e52625. doi:10.1371/journal.pone.0052625
2012. Wu, S.-Y., W.-Y. Wu, F.-C. Zhang, J. Ye, X.-J. Ni, J.-M. Sun, S. V. Edwards, **J. Meng**, and C. L. Organ. Molecular and paleontological support for a post-

- Cretaceous origin of rodents. PLoS One. October 2012 | Volume 7 | Issue 10 | e46445
2012. Ye, J., W.-Y. Wu, X.-J. Ni, S.-D. Bi, J.-M. Sun, and **J. Meng**. The Duolebulejin section of northern Junggar Basin and its stratigraphic and environmental implication (in Chinese). *Scientia Sinica Terrae* 42: 1523--1532.
2012. Fostowicz-Frelik, L., C.-K. Li, **J. Meng**, Y.-Q. Wang. New *Gobiolagus* (Mammalia: Lagomorpha) material from the Middle Eocene of Erden Obo (Nei Mongol, China). *Vertebrata PalAsiatica* 50: 219-236.
2012. Wang, Y.-Q., **J. Meng** and X. Jin. 2012. Comments on Paleogene localities and stratigraphy in the Erlian basin, Nei Mongol, China. *Vertebrata PalAsiatica* 50: 181-203.
2011. Wang, Y.-Q., **Meng, J.**, Jin, X., Beard, K. C., Bai, B., Li, P., Ni, X.-J., Li, Q, and Gebo, D. L. 2011. Early Eocene perissodactyls (Mammalia) from the upper Nomogen Formation of the Erlian Basin, Nei Mongol, China. *Vertebrata PalAsiatica* 49: 123-140.
2011. Maridet, O, Wu W.-Y., Ye J., Bi S.-D., Ni X.-J., and **J. Meng**. Earliest occurrence of *Democricetodon* in China, in the early Miocene of the Junggar basin (Xinjiang) and comparison with the genus *Spanocricetodon*. *Vertebrata PalAsiatica*. *Vertebrata PalAsiatic*, 49 (4) : 393-405.
2011. Maridet O., Wu W.-Y., Ye. J., Ni X.-J. & J. Meng. Early Miocene cricetids from the Junggar basin (Xinjiang, China) and their biochronological implications. *Geobios* 44: 445–459.
2011. Bin Bai, Yuanqing Wang, and **Jin Meng**. Early Eocene Chalicothere *Litolophus* with hoof-like unguals. *Journal of Vertebrate Paleontology*, 31:6, 1387-139.
2011. Maridet O., Wu W.-Y, Ye. J., Ni X.-J. & **Meng J.** New discoveries of glirids and eomyids (Mammalia, Rodentia) in the Early Miocene of the Junggar basin (Northern Xinjiang province, China). *Swiss J Palaeontol* (2011) 130:315–323. DOI 10.1007/s13358-011-0022-7.
2011. **Meng, J.**, Yuanqing Wang and Chuankui Li. Transitional mammalian middle ear from a new Cretaceous Jehol eutriconodontan. *Nature* 472: 181-185. doi: 10.1038/nature09921.
2011. Bai, B. Yuanqing Wang, **J. Meng**, Xun Jin, Qian Li, and Ping Li. Taphonomic analyses of an early Eocene *Litolophus* (Perissodactyla, Chalicotherioidea) assemblage from the Erlian basin, Inner Mongolia, China. *Palaios*, 26: 187–196.
2011. Ting, S.-Y., Y.-Q., Wang. W.C. Clyde, P.L. Koch, Y.-S. Tong, **J. Meng**, G. Bowen, Q. Li Q. Li, and K. E. Snell. Asian early Paleogene chronology and mammalian faunal turnover events. *Vertebrata PalAsiatica*. 49, 1-28.
2010. Beard, K. C., Y.-Q. Wang, J. Meng, X.-J. Ni, D. L. Gebo, and C.-K. Li. Paleocene *Hapalodectes* (Mammalia: Mesonychia) from Subeng, Inner Mongolia: Further evidence of “East of Eden” dispersal at the Paleocene-Eocene boundary. *Vertebrata PalAsiatica* 48, 375-389.
2010. **Meng. J.** and Li, C.-K. New rodents from the earliest Eocene of Nei Mongol (Inner Mongolia), China. *Vertebrata PalAsiatica*, 48, 390-401.
2010. Wang, Y.-Q., **J. Meng**, K. Christopher BEARD, LI Qian, NI Xi-Jun, Daniel L. GEBO, BAI Bin, JIN Xun & LI Ping. Early Paleogene stratigraphic sequence,

- mammalian evolution and its response to the environmental change in Erlian Basin, Nei Mongol, China. *Science China, Geology*, 40, 1277-1286.
2010. Kraatz, B. P., **J. Meng**, M. Weksler, C.-K. Li. Evolutionary patterns in the dentition of Duplicidentata (Mammalia) and a novel trend in the molarization of premolars. *PLoS ONE* 5(9): e12838. doi:10.1371/journal.pone.0012838
2010. Li, Q. and **J. Meng**. *Erlianomys combinatus*, a primitive myodont rodent from the Eocene Ashanto Formation, Nuhetingboerhe, Nei Mongol, China. *Vertebrata PalAsiatica*.
2010. Bai, B. Y.-Q. Wang, and **J. Meng**. New Materials of *Litolophus gobiensis* (Perissodactyla, Eomoropidae) from Inner Mongolia, China, and Phylogenetic Analysis of Eocene Chalicotheres. *American Museum Novitates*.
2010. Sun J.-M., J. Ye, W.-Y. Wu, X.-J. Ni, S.-D. Bi, Z.-Q. Zhang, W.-M. Liu and **J. Meng**. Late Oligocene-Miocene mid-latitude aridification and wind patterns in the Asian interior. *Geology* 38, 515–518.
2010. Hu, Y.-M, **J. Meng**, Li C.-K., and Wang, Y.-Q. A New Basal Eutherian Mammal from the Early Cretaceous Jehol Biota, Liaoning, China. *Proceedings of the Royal Society B*. 277: 229—236.
2010. Ni, X.-J., **J. Meng**, K. Christopher Beard, Y.-Q. Wang, D. L. Gebo, C.-K. Li. A new tarkadectine primate from Inner Mongolia, China. *Proceedings of the Royal Society B*. 277: 247—256.
2009. Maridet, O., W.-Y. Wu, J. Ye, S.-D. Bi, X.-J. Ni, and **J. Meng**. *Eucricetodon* (Rodentia, Mammalia) from the Late Oligocene of the Junggar basin, Northern Xinjiang, China. *American Museum Novitates* 3665, 21pp.
2009. **Meng, J.**, B. P. Kraatz, Y.-Q. Wang, X.-J. Ni, D. L. Gebo, K. C. Beard. A new species of *Gomphos* (Glires, Mammalia) from the Eocene of the Erlian Basin, Nei-Mongol, China. *American Museum Novitates* 3670, 11pp.
2009. Hu, Y.-M., **J. Meng**, and J. M. Clark. A New tritylodontid from the Upper Jurassic of Xinjiang, China. *Acta Palaeotologica Polonica* 54: 385—391.
2009. Wang, B.-Y. and **J. Meng**. *Ardynomys* (Cylindrodontidae, Rodentia) from Nei Mongol, China. *Vertebrata PalAsiatica* 47: 240—244.
2009. Wu, W.-Y., **Meng, J.**, J. Ye, , X.-J. Ni, S.-D. Bi, Y.-P Wei. The Middle Miocene-Pliocene mammals from Dingshanyanchi Formation of North Junggar Basin. *Vertebrata PalAsiatica* 47: 208—233.
2009. Bi, S.-D., **J. Meng**, W.-Y. Wu, and X.-J. Ni. New distylomyid rodents (Mammalia: Rodentia) from the Early Miocene Suosuoquan Formation of northern Xinjiang, China. *American Museum Novitates* 3663, 18pp.
2009. Sun, B., Yue L.-p., Wang Y.-q., **Meng J.**, Wang J.-q. and Xu Y. Magnetostratigraphy of the early Paleogene in the Erlian Basin. *Journal of Stratigraphy* (in Chinese with English summary), 33: 62-68.
2008. Wang, Y.-Q., **J. Meng**, X.-J. Ni, and K. C. Beard. A new early Eocene arctostylopid (Arctostylovida, Mammalia) from Erlian Basin, Nei Mongol (Inner Mongolia), China. *Journal of Vertebrate Paleontology*. 28(2): 553–558.
2008. Clyde, W. C., Y.-S. Tong, K. E. Snell, G. J. Bowen, S.-y. Ting, P. L. Koch, Q. Li, Y.-q. Wang, **J. Meng**. An Integrated Stratigraphic Record from the Paleocene of the Chijiang Basin, Jiangxi Province (China): Implications for Mammalian

- Turnover and Asian Block Rotations. *Earth and Planetary Science Letters* 269 (2008) 553-563.
2008. **Meng, J.**, J. Ye, W.-Y. Wu, X.-J. Ni, S.-D. Bi. The Neogene Dingshanyanchi Formation in northern Junggar Basin of Xinjiang and its stratigraphic implications. *Vertebrata PalAsiatica* 46: 90—110
2008. Bi, S.-D., **J. Meng**, and W.-Y. Wu. A new species of *Megacricetodon* (Cricetidae?, Rodentia, Mammalia) from the middle Miocene of northern Junggar Basin, China. *American Museum Novitates* 3602, 23 pp.
2007. Li, C.-K., **J. Meng**, and Y.-Q. Wang. *Dawsonolagus*, a primitive lagomorph from the Eocene Arshanto Formation, Inner Mongolia, China. *Bulletin of the Carnegie Museum* 39: 97—110.
2007. **Meng, J.** X.-J. Ni, C.-K. Li, K.C. Beard, D.L. Gebo, Y.-Q. Wang and H.-J. Wang. New material of Alagomyidae (Mammalia, Glires) from the Late Paleocene Subeng locality, Inner Mongolia. *American Museum Novitates* 3570: 1—30.
2007. Ting, S.-Y. **J. Meng**, Q. Li, Y.-Q. Wang, Y.-S. Tong, J. A. Shiebout, P. L. Koch, W. C. Clyde, and G. J. Bowen. *Ganungulatum xincunliense*, an artiodactyls-like mammal (Ungulata, Mammalia) from the Paleocene, Chijiang Basin, Jiangxi, China. *Vertebrata PalAsiatica* 45: 278—286.
2007. Wang, Y.-Q., **J. Meng**, X.-J. Ni, and C.-K. Li. Major events of Paleocene mammal radiation in China. *Geological Journal* 42: 415—430.
2007. Hu, Y.-M., **J. Meng**, and J. M. Clark. A new Late Jurassic docodont (Mammalia) from northeastern Xinjiang, China. *Vertebrata PalAsiatica* 45: 173—194.
2007. **Meng, J.**, Y.-Q. Wang, X.-J. Ni, K. C., Beard, C.-K. Sun, Q. Li, X. Jin and B. Bai. New Stratigraphic data from the Erlian Basin: definitions, divisions and correlations of Paleogene stratigraphic units in Inner Mongolia. *American Museum Novitates* 3570: 1-31.
2007. **Meng, J.** C.-K. Li, Y.-Q. Wang, X.-J. Ni. A new Eocene rodent from the lower Arshanto Formation in the Nuhetingboerhe (Camp Margetts) area, Inner Mongolia. *American Museum Novitates* 3569: 1-18.
2007. Ni, X.-J., K. C., Beard, **J. Meng**, Y.-Q. Wang and D. Gebo. Discovery of the first early Cenozoic euprimate (Mammalia) from Inner Mongolia. *American Museum Novitates* 3571: 1-11.
2007. Ni, X.-J., **J. Meng**, W.-Y. Wu, J. Ye. A new Early Oligocene peradectine marsupial (Mammalia) from the Burqin region of Xinjiang, China. *Naturwissenschaften* 94: 237—241.
2006. Wang, Y.-Q., **J. Meng**, X.-j. Ni, and C.-k. Li. Paleogene mammal radiation in China. In: *Originations and radiations-evidences from the Chinese fossil record*. Pp 735—755 In Rong J et al. (eds.). Beijing: Science Press (in Chinese with English abstract).
2006. Wu, W.-Y., **J. Meng**, J. Ye, X.-J. Ni. The first finds of eomyids (Rodentia) from North Junggar Basin, China. *Beiträge zur Paläontologie* 30: 469—479.
2006. Bowen, G. J., T, J. Bralower, M. L. Delaney, G. R. Dickens, D. C. Kelly, P. L. Koch, L. R. Kump, **J. Meng**, L. C. Sloan, E. Thomas, S. L. Wing, J. C. Zachos. 2006. Eocene hyperthermal event offers insight into greenhouse warming. *Eos*, Vol. 87, No. 17.

2006. **Meng, J.**, Y.-M. Hu, Y.-Q. Wang, X.-L. Wang, and C.-K. Li. A Mesozoic gliding mammal from northeastern China. *Nature* 444: 889—893 (Cover article; accompanying on-line supplementary data consisting of 7 tables, 13 figures and 96 pages of single-spaced supporting text.).
2006. **Meng, J.**, Y.-M. Hu, Y.-Q. Wang, and C.-K. Li. The mammal fauna in the Early Cretaceous Jehol Biota: Implications to diversity and biology of Mesozoic mammals. *Geological Journal* 41: 439—463.
2006. **Meng, J.**, J. Ye, W.-Y. Wu, L.-P. Yue, X.-J. Ni. A recommended boundary stratotype section for Xiejian Stage from northern Junggur Basin: implications to related bio-chronostratigraphy and environmental Changes. *Vertebrata PalAsiatica* 44: 205—236.
2005. Ye, J., W.-Y. Wu, and **J. Meng**. *Anchitherium* (Perissodactyla, Mammalia) from the Halamagai Formation of Northern Junggar Basin, Xinjiang. *Vertebrata PalAsiatica* 43: 100—109.
2005. **Meng, J.** Y.-M. Hu, and C.-K. Li. *Gobiolagus* (Lagomorpha, Mammalia) from Ula Usa of Inner Mongolia and a review on Eocene Lagomorphs of Asia. *Paleontologia Electronica* 8-1: 1—23.
2005. **Meng, J.**, A. R. Wyss, Y.-M. Hu, Y.-Q. Wang, G. J. Bowen, and P. L. Koch. Glires (mammalia) from the late Paleocene Bayan Ulan Locality of Inner Mongolia. *American Museum Novitates* 3473: 1—25.
2005. Bowen, G. J., P. L. Koch, **Meng J.**, Ye J., and S.-Y. Ting. Age and Correlation of Fossiliferous Late Paleocene-Early Eocene Strata of the Erlian Basin, Inner Mongolia, China. *American Museum Novitates* 3474: 1—26.
2005. Ye, J., **J. Meng**, W.-Y. Wu, and X.-J. Ni. Late Eocene-early Oligocene lithological and biological stratigraphy in the Burqin region of Xinjiang. *Vertebrata PalAsiatica* 43: 49—60.
2005. Asher, R. J., **J. Meng**, M. C. McKenna, J. R. Wible, D. Dashzeveg, G. Rougier, and M. J. Novacek. Stem Lagomorpha and the Antiquity of Glires. *Science* 307: 1091-1094. (The supplementary data consists of 1 table, 11 figures and 29 single-spaced supporting text.)
2005. **Meng, J.** and A. R. Wyss. Glires (Lagomorpha, Rodentia). Pp. 145—158 In: *The rise of placental mammals: origins and relationships of major extant clades*, D. Archibald and K. Rose (editors). The Johns Hopkins University Press.
2005. **Meng, J.**, Y.-M. Hu, Y.-Q. Wang, and C.-K. Li. A new gobiconodont species (Mammalia) from the Early Cretaceous Yixian Formation of Liaoning, China. *Vertebrata PalAsiatica* 43: 1—10.
2005. Hu, Y.-M., **J. Meng**, C.-K. Li, and Y.-Q. Wang. Large Mesozoic mammals fed on young dinosaurs. *Nature* 433: 149—152. (The 15 page supplementary data include 5 tables, 6 figures and text blended.)
2004. Wu, W.-Y., **J. Meng**, J. Ye, and X.-J. Ni. *Propalaeocastor* (Rodentia, Mammalia) from the Early Oligocene of Burqin Basin Xinjiang. *American Museum Novitates* 3461, 16 pp.
2004. **Meng, J.**, and Y.-M. Hu. Lagomorphs from the Yihesubu Upper Eocene of Nei Mongol (Inner Mongolia). *Vertebrata PalAsiatica* 42: 261—275.
2004. Vater, M., **J. Meng**, and R. Fox. Hearing organ evolution and specialization - early and later mammals; pp 256—288 In: “Evolution of the vertebrate auditory

- system” G. A. Manley, A. N. Popper, and R. R. Fay (editors). Springer Handbook of Auditory Research. New York: Springer.
2004. O’Leary, M. A., M. Allard, M. J. Novacek, **J. Meng**, and J. Gatesy. Building the Mammalian Sector of the Tree of Life – Combining different data and a discussion of divergence times for placental mammals, pp 490—516 In: Assembling the Tree of Life, J. Cracraft and M. J. Donoghue (editors), Oxford University Press.
2004. **Meng, J.** Phylogeny and Divergence of Basal Glires. Bulletin of the American Museum of Natural History 285: 93—109.
2004. Tong, Y.-S., J.-W. Wang, and **J. Meng**. *Olbitherium millenariusum*, a new perissodactyl-like archaic ungulate (Mammalia) from the early Eocene Wutu Formation, Shangdong. Vertebrata PalAsiatica. 42: 27—38.
2004. **Meng, J.**, G. J. Bowen, J. Ye, P. L. Koch, S.-Y. Ting, Q. Li, and X. Jin. Gomphos elkema (Glires, Mammalia) from the Erlian Basin: Evidence for the Early Tertiary Bumbanian Land Mammal Age in Nei-Mongol, China. American Museum Novitates 3425: 24 pp.
2003. Ye, J., **J. Meng**, and W.-Y. Wu. Oligocene/Miocene beds and faunas from Tiersihabahe in the Northern Junggar Basin of Xinjiang. American Museum Bulletin 279: 568—585.
2003. Ye, J., **J. Meng**, and W.-Y. Wu. Discovery of Paraceratherium in the northern Jungur Basin of Xinjiang. Vertebrata PalAsiatica. 41: 220—229.
2003. **Meng, J.** The journey from jaw to ear Evolution of the mammalian middle ear. Biologist 50: 154—158.
2003. **Meng, J.**, Hu, Y., Wang, Y., and Li C.-K. The ossified Meckel’s cartilage and internal groove in Mesozoic mammaliaforms: implications to origin of the definitive mammalian middle ear. Zoological Journal of the Linnean Society 138: 431—448.
2003. **Meng, J.**, Hu, Y.-m., and Li, C. The Osteology of Rhombomylus (Mammalia, Glires) and its implication for Glires systematics and evolution. Bulletin of the American Museum of Natural History 275: 1—247.
2003. Wu, W.-y., Ye, J., and **Meng, J.** The discovery of Pliopithecus from Northern Junggar Basin of Xinjiang. Vertebrata PalAsiatica 41: 76—84.
2003. Li, C.-K., Hu, Y., Wang, Y-q., and **Meng, J.** A new species of Gobiconodon from the Jehoh Biota and its implication to the age of the fauna. Chinese Science Bulletin 48: 177—182.
2002. Ye, J., W.-Y. Wu, **J. Meng**, and S-Y. Wu. The Discovery of Late Eocene Mammal Fossils from Burqin of Xinjiang. Vertebrata PalAsiatica. 40: 203—210.
2002. Ting, S.-Y., **J. Meng**, M. C. McKenna, and C.-K. Li. The osteology of Matutinia (Simplicidentata, Mammalia) and its relationship to Rhombomylus. American Museum Novitates 3371, 33pp.
2002. **Meng, J.** Mammalian evolution and phylogeny. Chinese Science Bulletin 47: 561—568.
2001. Wang, Y.-Q., Y.-M. Hu, **J. Meng**, and C.-K. Li. An ossified Meckel’s cartilage in two Cretaceous mammals and origin of the mammalian middle ear. Science 296: 357—361. (with 80 pages of supplementary data)

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