

MADAGASCAR PROJECT PUBLICATIONS (1993–present)

(Arranged alphabetically by author within years)

EDITED VOLUMES

2007

1. Sampson, S. D., and D. W. Krause (eds.). *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 8, 184 pp.

2010

2. Krause, D. W., and N. J. Kley (eds.). *Simosuchus clarki* (Crocodyliformes: Notosuchia) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 10. Journal of Vertebrate Paleontology 30 (6, Supplement), 236 pp.

2014

3. Krause, D. W. (ed.). *Vintana sertichi* (Mammalia, Gondwanatheria) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 14. Journal of Vertebrate Paleontology 34 (6, Supplement), 222 pp.

In press

4. Krause, D. W. and S. Hoffmann (eds.). *Adalatherium hui* (Mammalia, Gondwanatheria) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir. Journal of Vertebrate Paleontology, Supplement.

RESEARCH ARTICLES

1993

1994

1. Krause, D. W., J. H. Hartman, N. A. Wells, G. A. Buckley, C. A. Lockwood, C. E. Wall, R. E. Wunderlich, J. A. Rabarison, and L. L. Randriamiamanana. 1994. Late Cretaceous mammals [from Madagascar]. *Nature* 368:298.

1995

2. Krause, D. W. 1995. Late Cretaceous vertebrates from Madagascar: implications for biotic change in deep time. Pages 5–6, 69–70 in B. D. Patterson, S. M. Goodman, and J. L. Sedlock (eds.), *Environmental Change in Madagascar*. The Field Museum, Chicago.

1996

3. Forster, C. A., L. M. Chiappe, D. W. Krause, and S. D. Sampson. 1996. The first Cretaceous bird from Madagascar. *Nature* 382:532–534.
4. Krause, D. W., and J. H. Hartman. 1996. Late Cretaceous fossils from Madagascar and their implications for biogeographic relationships with the Indian subcontinent. In A. Sahni (ed.), *Cretaceous Stratigraphy and Palaeoenvironments*. Memoir, Geological Society of

India 37:135–154.

5. Sampson, S. D., D. W. Krause, P. Dodson, and C. A. Forster. 1996. The premaxilla of *Majungasaurus* (Theropoda, Ceratosauria), with implications for Gondwanan paleobiogeography. *Journal of Vertebrate Paleontology* 16:601–605.

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6. Gottfried, M. D., and J. A. Rabarison. 1997. First Mesozoic Gondwanan record of a sawshark (Chondrichthyes, Pristiodontiformes), from the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology* 17:750–751.
7. Krause, D. W., J. H. Hartman, and N. A. Wells. 1997. Late Cretaceous vertebrates from Madagascar: implications for biotic change in deep time. Pp. 3–43 in S. D. Goodman and B. D. Patterson (eds.), *Natural Change and Human Impact in Madagascar*. Smithsonian Institution Press, Washington, D.C.
8. Krause, D. W., G. V. R. Prasad, W. von Koenigswald, A. Sahni, and F. E. Grine. 1997. Cosmopolitanism among Late Cretaceous Gondwanan mammals. *Nature* 390:504–507.

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9. Asher, R. J., and D. W. Krause. 1998. The first pre-Holocene (Cretaceous) record of Anura from Madagascar. *Journal of Vertebrate Paleontology* 18:696–699.
10. Dodson, P., D. W. Krause, C. A. Forster, S. D. Sampson, and F. Ravoavy. 1998. Titanosaurid (Sauropoda) osteoderms from the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology* 18:563–568.
11. Forster, C. A., S. D. Sampson, L. M. Chiappe, and D. W. Krause. 1998a. The theropod ancestry of birds: New evidence from the Late Cretaceous of Madagascar. *Science* 279(5358):1915–1919.
12. Gottfried, M. D., and D. W. Krause. 1998. First record of gars (Ginglymodi, Actinopterygii) on Madagascar: Late Cretaceous remains from the Mahajanga Basin. *Journal of Vertebrate Paleontology* 18:275–279.
13. Sampson, S. D., L. M. Witmer, C. A. Forster, D. W. Krause, P. M. O'Connor, P. Dodson, and F. Ravoavy. 1998. Predatory dinosaur remains from Madagascar: implications for the Cretaceous biogeography of Gondwana. *Science* 280:1048–1051.

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14. Buckley, G. A., and Brochu, C. A. 1999. An enigmatic new crocodile from the Upper Cretaceous of Madagascar. In Unwin, D. (ed.), *Cretaceous Fossil Vertebrates: Special Papers in Palaeontology No. 60*, The Palaeontological Association (London), p. 149–175.
15. Forster, C. A. 1999. Gondwana dinosaur evolution and biogeographic analysis. *Journal of South African Earth Sciences* 28:169–185.
16. Krause, D. W., R. R. Rogers, C. A. Forster, J. H. Hartman, G. A. Buckley, and S. D. Sampson. 1999. The Late Cretaceous vertebrate fauna of Madagascar: implications for Gondwanan paleobiogeography. *GSA Today* 9:1–7.
17. Schweitzer, M. H., J. A. Watt, R. Avci, C. A. Forster, D. W. Krause, L. Knapp, R. R. Rogers, I. Beech, and M. Marshall. 1999. Keratin immunoreactivity in the Late Cretaceous bird *Rahonavis ostromi*. *Journal of Vertebrate Paleontology* 19:712–722.

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18. Buckley, G. A., C. Brochu, D. W. Krause, and D. Pol. 2000. A pug-nosed crocodyliform from the Late Cretaceous of Madagascar. *Nature* 405:941–944.
19. Fricke, H., and R. R. Rogers. 2000. A multiple taxon/multiple locality approach to providing oxygen isotope evidence for endothermic homeothermy in theropod dinosaurs. *Geology* 28:799–802.
20. Rogers, R. R., J. H. Hartman, and D. W. Krause. 2000. Stratigraphic analysis of Upper Cretaceous rocks in the Mahajanga Basin, northwestern Madagascar: implications for ancient and modern faunas. *Journal of Geology* 108:275–301.

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21. Curry Rogers, K. A., and C. A. Forster. 2001. The last of the dinosaur titans: a new sauropod from Madagascar. *Nature* 412:530–534.
22. Gottfried, M. D., J. A. Rabarison, and L. L. Randriamiamanana. 2001. Late Cretaceous elasmobranchs from the Mahajanga Basin of Madagascar. *Cretaceous Research* 22:491–496.
23. Krause, D. W. 2001. Fossil molar from a Madagascan marsupial. *Nature* 412:497–498.
24. Rogers, R. R., J. H. Hartman, and D. W. Krause. 2001. Stratigraphic analysis of Upper Cretaceous rocks in the Mahajanga Basin, northwestern Madagascar: implications for ancient and modern faunas – A reply. *Journal of Geology* 109:674–676.
25. Sampson, S. D., M. T. Carrano, and C. A. Forster. 2001. A bizarre predatory dinosaur from the Late Cretaceous of Madagascar. *Nature* 409:504–506.

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26. Carrano, M. T., S. D. Sampson, and C. A. Forster. 2002. The osteology of *Masiakasaurus knopfleri*, a small abelisauroid (Dinosauria: Theropoda) from the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology* 22:510–534.
27. Forster, C. A., L. M. Chiappe, D. W. Krause, and S. D. Sampson. 2002. *Vorona berivotrensis*, a primitive bird from the Late Cretaceous of Madagascar. Pp. 268–280 in L. M. Chiappe and L. M. Witmer (eds.), *Mesozoic Birds: Above the Heads of Dinosaurs*. University of California Press, Berkeley.

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28. Chinsamy, A., and A. Elzanowski. 2001. Evolution of growth pattern in birds. *Nature* 412:402–403.
29. Gaffney, E. S. and C. A. Forster. 2003. Side-necked turtle lower jaws (Podocnemididae, Bothremydidae) from the Late Cretaceous Maevarano Formation of Madagascar. *American Museum Novitates*. 3397, 13 pp.
30. Krause, D. W. 2003. Late Cretaceous vertebrates from Madagascar: a window into Gondwanan biogeography at the end of the Age of Dinosaurs. Pp. 40–47 in S. M. Goodman and J. P. Benstead (eds.), *The Natural History of Madagascar*. University of Chicago Press, Chicago.
31. Krause, D. W., S. E. Evans, and K.-Q. Gao. 2003. First definitive record of Mesozoic lizards from Madagascar. *Journal of Vertebrate Paleontology* 23:842–856.
32. Rogers, R. R., D. W. Krause, and K. Curry Rogers. 2003. Cannibalism in the Madagascan dinosaur *Majungatholus atopus*. *Nature* 422:515–518.

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33. Curry Rogers, K. A., and C. A. Forster. 2004. The skull of *Rapetosaurus krausei* (Sauropoda: Titanosauria) from the Late Cretaceous of Madagascar. *Journal of Vertebrate Paleontology* 24:121–144.
34. Gottfried, M. D., R. R. Rogers, and K. Curry Rogers. 2004. First record of Late Cretaceous coelacanths from Madagascar. Pp. 687–691 in G. Arratia, M. V. H. Wilson, and R. Cloutier (eds.), *Recent Advances in the Origin and Early Radiation of Vertebrates*. Verlag Dr. Friedrich Pfeil, München, Germany.
35. Turner, A. H. 2004. Crocodyliform biogeography during the Cretaceous: evidence of Gondwanan vicariance from biogeographical analysis. *Proceedings of the Royal Society of London B*, 271:2003–2009

2005

36. Curry Rogers, K. A. 2005. Titanosauria: a phylogenetic overview. Pp. 50–103 in K. Curry Rogers and J. A. Wilson (eds.), *The Sauropods: Evolution and Paleobiology*. University of California Press, Berkeley.
37. O'Connor, P. M., and L. P. A. M. Claessens. 2005. Basic avian pulmonary design and flow-through ventilation in non-avian theropod dinosaurs. *Nature* 436:253–256.
38. Rogers, R. R. 2005. Fine-grained debris flows and extraordinary vertebrate burials in the Late Cretaceous of Madagascar. *Geology* 33:297–300.

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39. Krause, D. W. and A. H. Rasoamiamanana. 2006. Late Cretaceous vertebrates of Madagascar: implications for Gondwanan biogeography. Pp. 59–62 in P. M. Barrett and S. E. Evans (eds.), *Ninth International Symposium on Mesozoic Terrestrial Ecosystems and Biota*. Natural History Museum, London.
40. Krause, D. W., P. M. O'Connor, K. Curry Rogers, S. D. Sampson, G. A. Buckley, and R. R. Rogers. 2006. Late Cretaceous terrestrial vertebrates from Madagascar: implications for Latin American biogeography. In *Latin American Biogeography – Causes and Effects*. 51st Annual Systematics Symposium, Missouri Botanical Garden, *Latin American Biogeography – Causes and Effects*. *Annals of the Missouri Botanical Garden* 93:178–208.
41. O'Connor, P. M. 2006. Postcranial pneumaticity: an evaluation of soft-tissue influences on the postcranial skeleton and the reconstruction of pulmonary anatomy in archosaurs. *Journal of Morphology* 267:1199–1226.
42. Turner, A. H. 2006. Osteology and phylogeny of a new species of *Araripesuchus* (Crocodyliformes: Mesoeucrocodylia) from the Late Cretaceous of Madagascar. *Historical Biology* 18(3):255–369.

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43. Carrano, M. T. 2007. The appendicular skeleton of *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar; pp. 163–179 in S. D. Sampson and D. W. Krause (eds.), *Majungasaurus crenatissimus* from the Late Cretaceous of Madagascar. *Society of Vertebrate Paleontology Memoir* 8.
44. Farke, A. A., and P. M. O'Connor. 2007. Pathology in *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar; pp. 180–184 in S.

- D. Sampson and D. W. Krause (eds.), *Majungasaurus crenatissimus* from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 8.
45. Krause, D. W., S. D. Sampson, M. T. Carrano, and P. M. O'Connor. 2007. Overview of the history of discovery, taxonomy, phylogeny, and biogeography of *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar; pp. 1–20 in S. D. Sampson and D. W. Krause (eds.), *Majungasaurus crenatissimus* from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 8.
 46. O'Connor, P. M., 2007. The postcranial axial skeleton of *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar; pp.127–162 in S. D. Sampson and D. W. Krause (eds.), *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 8.
 47. Prasad, G. V. R., O. Verma, A. Sahni, D. W. Krause, A. Khosla, and V. Parmar. 2007. A new Late Cretaceous gondwanatherian mammal from Central India. *Proceedings of the Indian National Science Academy* 73(1):17–24.
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 49. Rogers, R. R., D. W. Krause, K. Curry Rogers, A. H. Rasoamiamanana, and L. Rahantarisoa. 2007. Paleoenvironment and paleoecology of *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar; pp. 21–31 in S. D. Sampson and D. W. Krause (eds.), *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 8.
 50. Sampson, S. D., and L. M. Witmer. 2007. Craniofacial anatomy of *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar; pp. 32–102 in S. D. Sampson and D. W. Krause (eds.), *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 8.
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palate. *Journal of Vertebrate Paleontology* 28(2):382–408.

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66. Krause, D. W., J. J. W. Sertich, R. R. Rogers, A. H. Rasoamiramanana, S. C. Kast, and G.

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85. Hoffmann, S., P. M. O'Connor, E. C. Kirk, J. R. Wible, and D. W. Krause. 2014. Endocranial and inner ear morphology of *Vintana sertichi* (Mammalia, Gondwanatheria) from the Late Cretaceous of Madagascar; pp. 110–136 in D. W. Krause (ed.), *Vintana sertichi* (Mammalia, Gondwanatheria) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 14. *Journal of Vertebrate Paleontology* 34 (6, Supplement).
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