The list below provides a comprehensive listing of Andrew Farke's scientific publications. Where digital versions exist, appropriate links to the journal web page and/or PDF are provided. In some cases, licensing restrictions do not allow direct posting of the files, and these are indicated with the [email for PDF] notation.

Publications in Print

Farke, A. A. In press. Evaluating combat in ornithischian dinosaurs. Journal of Zoology. doi: 10.1111/jzo.12111 [direct link (institutional access only)] [email for formatted PDF] [link to unformatted pre-print (open access)]

Farke, A. A., D. J. Chok, A. Herrero, B. Scolieri, and S. Werning. 2013. Ontogeny in the tube-crested dinosaur *Parasaurolophus* (Hadrosauridae) and heterochrony in hadrosaurids. PeerJ 1:e182. [direct link (open access)] [PDF]

Farke, A. A., and J. J. W. Sertich. 2013. An abelisauroid theropod dinosaur from the Turonian of Madagascar. PLOS ONE 8:e62047. [direct link (open access)] [PDF]

Farke, A. A., and C. A. Wilridge. 2013. A possible pterosaur wing phalanx from the Kaiparowits Formation (late Campanian) of southern Utah, USA. PalArch's Journal of Vertebrate Palaeontology 10(2):1–6. [direct link (open access)] [PDF]

Doube, M., S. C. W. Yen, M. M. Kłosowski, A. A. Farke, J. R. Hutchinson, and S. J. Shefelbine. 2012. Whole-bone scaling of the avian pelvic limb. Journal of Anatomy 221:21–29. [direct link (institutional access only)] [email for PDF]

Farke, A. A., and P. P. Patel. 2012. An enantiornithine bird from the Campanian Kaiparowits Formation of Utah, USA. Cretaceous Research 37:227–230. doi: 10.1016/j.cretres.2012.04.002 [direct link (institutional access only)] [email for formatted PDF] [link to unformatted pre-print (open access)] [supplementary data (direct link)]

Farke, A.A., M.J. Ryan, P.M. Barrett, D.H. Tanke, D.R. Braman, M.A. Loewen, and M.R. Graham. 2011. A new centrosaurine from the Late Cretaceous of Alberta, Canada, and the evolution of parietal ornamentation in horned dinosaurs. *Acta Palaeontologica Polonica* 56:691-702. doi:10.4202/app.2010.0121 [direct link (open access)] [link to PDF]

Farke, A. A. 2011. Anatomy and taxonomic status of the chasmosaurine ceratopsid *Nedoceratops hatcheri* from the Upper Cretaceous Lance Formation of Wyoming, U.S.A. PLoS ONE 6(1):e16196. doi:10.1371/journal.pone.0016196 [direct link (open access)] [PDF]

Zheng, R., A. A. Farke, and G.-S. Kim. 2011. A photographic atlas of the pes from a hadrosaurine hadrosaurid dinosaur. PalArch's Journal of Vertebrate Palaeontology 8(7):1-12. [direct link (open access)] [PDF]

Farke, A. A. 2010. Evolution, homology, and function of the supracranial sinuses in ceratopsian dinosaurs. Journal of Vertebrate Palaeontology 30:1486-1500. [direct link (institutional access only)] [email for PDF]

Farke, A. A. 2010. Evolution and functional morphology of the frontal sinuses in Bovidae (Mammalia: Artiodactyla), and implications for the evolution of cranial pneumaticity. Zoological Journal of the Linnean Society 159:988-1014. [direct link (institutional access only)] [email for PDF]

Farke, A. A., R. E. Chapman, and A. Andersen. 2010. Modeling structural properties of the frill of Triceratops; pp. 264-270 in M. J. Ryan, B. J. Chinnery-Allgeier, and D. A. Eberth (eds.), New Perspectives on Horned Dinosaurs, Indiana University Press.

Herrero, L., and A. A. Farke. 2010. Hadrosaurid dinosaur skin impressions from the Upper Cretaceous Kaiparowits Formation of southern Utah, USA. PalArch's Journal of Vertebrate Palaeontology 7(2):1-7. [direct link (open access)] [PDF]

Hunt, R. K., and A. A. Farke. 2010. Behavioral interpretations from chasmosaurine ceratopsid bonebeds: a review; pp. 447-455 in M. J. Ryan, B. J. Chinnery-Allgeier, and D. A. Eberth (eds.), New Perspectives on Horned Dinosaurs, Indiana University Press.

Loewen, M. A., S. D. Sampson, E. K. Lund, A. A. Farke, M. C. Aguillón Martínez, C. A. de Leon, R. A. Rodríguez de la Rosa, M. A. Getty, and D. A. Eberth. 2010. Horned dinosaurs (Ornithischia: Ceratopsidae) from the Upper Cretaceous (Campanian) Cerro del Pueblo Formation, Coahuila, Mexico; pp. 99-116 in M. J. Ryan, B. J. Chinnery-Allgeier, and D. A. Eberth (eds.), New Perspectives on Horned Dinosaurs, Indiana University Press.

Sampson, S. D., M. A. Loewen, A. A. Farke, E. M. Roberts, C. A. Forster, J. A. Smith, and A. L. Titus. 2010. New horned dinosaurs from Utah provide evidence for intracontinental dinosaur endemism. PLoS ONE 5(9): e12292. doi:10.1371/journal.pone.0012292 [direct link (open access)] [PDF]

Farke, A. A., M. P. Taylor, and M. J. Wedel. 2009. Sharing: public databases combat mistrust and secrecy. Nature 461:1053. [direct link (institutional access only)] [email for PDF]

Farke, A. A., and J. Alicea. 2009. Femoral strength and posture in terrestrial birds and non-avian theropods. The Anatomical Record 292:1406-1411. [direct link (open access)] [PDF]

Farke, A. A., S. D. Sampson, C. A. Forster, and M. A. Loewen. 2009. *Turanoceratops tardabilis* —sister taxon, but not a ceratopsid. Naturwissenschaften 96:869-870. [direct link (institutional access only)] [email for PDF]

Farke, A. A., E. D. S. Wolff, and D. H. Tanke. 2009. Evidence of combat in *Triceratops*. PLoS ONE 4(1):e4252. doi:10.1371/journal.pone.0004252. [direct link (open access)] [PDF]

Forster, C. A., A. A. Farke, J. A. McCartney, W. J. De Klerk, and C. F. Ross. 2009. A “basal” (non-avetheropod) tetanuran from the Early Cretaceous Kirkwood Formation of South Africa. Journal of Vertebrate Paleontology 29:283-285. [direct link (institutional access only)] [email for PDF]

Gates, T. A., and A. A. Farke. 2009. Biostratigraphic and biogeographic implications of a hadrosaurid (Ornithopoda: Dinosauria) from the Late Cretaceous Almond Formation of Wyoming, USA. Cretaceous Research 30:1157-1163. [direct link (institutional access only)] [email for PDF]

Farke, A. A. 2008. Frontal sinuses and head-butting in goats: a finite element analysis. Journal of Experimental Biology 211:3085-3094. [direct link (open access)] [PDF]

Farke, A. A. 2007. Reexamination of paleopathology in plesiosaurs. Journal of Vertebrate Paleontology 27:724-726. [direct link (institutional access only)] [email for PDF]

Farke, A. A. 2007. Morphology, constraints, and scaling of frontal sinuses in the hartebeest, *Alc*

elaphus buselaphus
(Mammalia: Artiodactyla, Bovidae). Journal of Morphology 268:243-253. [
direct link (institutional access only)
] [
email for PDF
]

Farke, A. A., and P. M. O'Connor. 2007. Pathology in *Majungasaurus crenatissimus* (Theropoda: Abelisauridae) from the Late Cretaceous of Madagascar. Society of Vertebrate Paleontology Memoir 8, Journal of Vertebrate Paleontology 27 (supplement to number 2):180-184. [
direct link (institutional access only)
] [
email for PDF
]

Farke, A. A. 2006. Morphology and ontogeny of the cornual sinuses in chasmosaurine dinosaurs (Ornithischia: Ceratopsidae). Journal of Paleontology 80:780-785. [direct link (institutional access only)
] [
email for PDF
]

Farke, A. A. 2006. Cranial osteology and phylogenetic relationships of the chasmosaurine ceratopsid *Torosaurus latus*; pp. 235-257 in K. Carpenter (ed.), Horns and Beaks: Ceratopsian and Ornithopod Dinosaurs. Indiana University Press, Bloomington. [
email for PDF
]

Farke, A. A., and W. Alley. 2006. An abnormal squamosal of *Triceratops* (Ornithischia: Ceratopsidae) from the Upper Cretaceous Hell Creek Formation of South Dakota. New Mexico Museum of Natural History and Science Bulletin 35:371-372.
[
direct link (open access)
] [PDF]

Farke, A. A., and T. E. Williamson. 2006. A ceratopsid dinosaur parietal from New Mexico and its implications for ceratopsid biogeography and systematics. Journal of Vertebrate Paleontology 26:1018-1020. [direct link (institutional access only)] [email for PDF]

Tanke, D. H., and A. A. Farke. 2006. Bone resorption, bone lesions, and extra cranial fenestrae in ceratopsid dinosaurs: A preliminary assessment; pp. 319-347 in K. Carpenter (ed.), Horns and Beaks: Ceratopsian and Ornithopod Dinosaurs. Indiana University Press, Bloomington.[e mail for PDF
]

Farke, A. A. 2004. Horn use in *Triceratops* (Dinosauria: Ceratopsidae): Testing behavioral hypotheses using scale models. Palaeontologia Electronica 7(1):10 pp. [
direct link (open access)
] [PDF]

Farke, A. A. 2004. Ceratopsid dinosaurs from the Upper Cretaceous Almond Formation of southwestern Wyoming. Rocky Mountain Geology 39:1-5. [direct link (institutional access only)
] [
email for PDF
]

Farke, A. A. 1997. The distribution and taxonomy of *Triceratops*; pp. 47-49 in D. L. Wolberg, E. Stump, and G. D. Rosenberg (eds.), Dinofest International Proceedings Volume. Philadelphia Academy of Natural Sciences, Philadelphia.

Dissertation

Farke, A. A. 2008. Function and evolution of the cranial sinuses in bovid mammals and ceratopsian dinosaurs. Ph.D. dissertation, Department of Anatomical Sciences, Stony Brook University, Stony Brook, NY. 213 pp. [PDF]

Book Reviews

Farke, A. A. 2009. Review of Larson, Peter L., and Carpenter, K., eds. *Tyrannosaurus rex*, The Tyrant King. Palaeontologia Electronica 12(1):R2, 2 pp. [
direct link (open access)
] [PDF]

Farke, A. A. 2006. Review of Currie, Phillip J., and Koppelhus, Eva B. D., eds., Dinosaur Provincial Park: A Spectacular Ecosystem Revealed. Palaeontologia Electronica 9(2):R3, 2 pp. [direct link (open access)] [PDF]

Published Abstracts

Herrero, L., and A. Farke. 2010. Morphological variation in the hadrosaur dinosaur *Gryposaurus* from the Kaiparowits Formation (late Campanian) of southern Utah. Society of Vertebrate Paleontology, 70th Anniversary Meeting, Abstracts of Papers: 104A.

Clayton, K., M. Loewen, S. Sampson, A. Farke, and R. Irmis. 2009. Epiparietal homology within Centrosaurinae (Ornithischia, Ceratopsidae): A re-evaluation based on newly discovered basal taxa. Journal of Vertebrate Paleontology 29, supplement to number 3:80A.

Farke, A. A., and J. J. W. Sertich. 2009. A medium-sized theropod dinosaur from the Late Cretaceous (Turonian or Coniacian) of the Ambilobe Basin, northernmost Madagascar. Journal of Vertebrate Paleontology 29, supplement to number 3:94A.

Tanke, D.H., A. A. Farke, and M. Gilbert. 2009. Severe osteopathy in a Late Cretaceous *Tricera tops*
skull from the Frenchman Formation of Saskatchewan, Canada; pp. 48-51 in T. Tokary, E. Snively, and H. Bryant (eds.), Frenchman Formation Terrestrial Ecosystem Conference Abstracts, Royal Saskatchewan Museum Contribution to Science Number 12.

Brandau, D., M. Loewen, A. Farke, and B. Baziak. 2008. Cranial variation in the Late Jurassic theropod dinosaur *Allosaurus*. Journal of Vertebrate Paleontology 28, supplement to number 3:55A-56A.

Farke, A. A. 2008a. Evolution and function of the supracranial sinuses in ceratopsid dinosaurs and the frontal sinuses in bovid mammals. Journal of Vertebrate Paleontology 28, supplement to number 3:76A.

Farke, A. A. 2008b. Pathology and horned combat in ceratopsian dinosaurs and bovid mammals. Concurrent Meetings of the ACVP and the ASVCP 2008 Conference Proceedings, pp. 89-93.

Mallon, J., R. Holmes, J. Anderson, A. Farke, and M. Ryan. 2008. New information on two chasmosaurine ceratopsids from the Horseshoe Canyon Formation (Late Cretaceous) of Alberta, Canada. Journal of Vertebrate Paleontology 28, supplement to number 3:111A.

Alicea, J., A. A. Farke, and S. Nesbitt. 2007. Can cross-sectional properties of the femur be used to infer posture in non-avian theropods? Journal of Vertebrate Paleontology 27, supplement to number 3:40A.

Farke, A. A., R. E. Chapman, and A. Andersen. 2007. Structural properties of the frill of *Tricerat ops* . Ceratopsian Symposium Short Papers, Abstracts, and Programs, Royal Tyrrell Museum:44-47.

Forster, C. A., and A. A. Farke. 2007. Forget theropods – for variety we'll take a ceratopsian any day. Ceratopsian Symposium Short Papers, Abstracts, and Programs, Royal Tyrrell Museum:53.

Groenke, J., A. A. Farke, and J. Georgi. 2007. Digital preparation for the analog preparator. Journal of Vertebrate Paleontology 27, supplement to number 3:84A.

Hunt, R. K., and A. A. Farke. 2007. Behavioral and depositional dynamics in interpreting chasmosaurine ceratopsid bonebeds. Ceratopsian Symposium Short Papers, Abstracts, and Programs, Royal Tyrrell Museum:79-81.

Farke, A. A. 2006a. Evolution and anatomic origin of the frontal sinus complex in ceratopsian dinosaurs. Journal of Vertebrate Paleontology 26, supplement to number 3:59A-60A.

Farke, A. A. 2006b. Finite element modeling of head butting in the goat (Capra hircus). Integrative and Comparative Biology 46:e41.

Farke, A. A. 2005. Morphology and variation of the frontal sinuses in hartebeest (Mammalia: Bovidae). Integrative and Comparative Biology 45:1130.

Farke, A. A., and T. E. Williamson. 2005. A chasmosaurine ceratopsid parietal from the Naashoibito Member, Ojo Alamo Formation of New Mexico, with implications for ceratopsid systematics and biogeography. Journal of Vertebrate Paleontology 25, supplement to number 3:55A.

Farke, A. A. 2004a. Not just for looks: Fenestration in the ceratopsian dinosaur frill and implications for evolutionary morphology. Journal of Vertebrate Paleontology 24, supplement to number 3:56A.

Farke, A. A. 2004b. Paleopathology in archosaurs from the Upper Cretaceous Maevarano Formation of Madagascar. Abstracts with Programs, Geological Society of America 36(5):61.

Farke, A. A. 2003. Ceratopsid dinosaur cranial morphology and behavior reinterpreted: Evaluating the bovid paradigm. Journal of Vertebrate Paleontology 23, supplement to number 3:49A.

Tanke, D. H., and A. A. Farke. 2003. Cranial abnormalities in horned dinosaurs: Disease and normal biological processes – not combat wounds; pp. 78-81 in H. Allen (ed.), Alberta Palaeontological Society Seventh Annual Symposium Abstracts. Alberta Palaeontological Society, Calgary.

Farke, A. A. 2002a. New specimens of the horned dinosaur *Torosaurus* (Dinosauria: Ceratopsia) from the Late Cretaceous Hell Creek Formation of Montana. Abstracts with Programs, Geological Society of America 34(6):430.

Farke, A. A. 2002b. A review of "*Torosaurus*" (Dinosauria: Ceratopsidae) specimens from Texas and New Mexico, USA. Journal of Vertebrate Paleontology 22, supplement to number 3:52A.

Knauss, G. E., and A. A. Farke. 2002. Comparison of vertebrate microfossil collection methods in the Late Cretaceous Hell Creek Formation of North Dakota: Surface collection vs. screen washing. Journal of Vertebrate Paleontology 22, supplement to number 3:75A.

Tanke, D. H., and A. A. Farke. 2002. Bone resorption, bone lesions, and extra fenestrae in ceratopsid dinosaurs. Journal of Vertebrate Paleontology 22, supplement to number 3:113A.

Coddington, J. A., A. A. Farke, and J. Miller. 2001. Estimating clade richness. American Arachnology: The Newsletter of the American Arachnological Society 62:5.

Farke, A. A. 2001. Growth and morphology of the cornual sinuses in the ceratopsid dinosaur *Tri ceratops*
. PaleoBios 21, supplement to number 2:49.

Farke, A. A., F. J. Varriale, D. B. Lien, J. L. Cavin, and J. T. Sankey. 2001. First trackway evidence of vertebrate animals from the Fall River Formation (Lower Cretaceous) of western South Dakota, USA. Journal of Vertebrate Paleontology 21, supplement to number 3:48A.

Farke, A. A. 1998. A morphometric analysis of *Torosaurus*; pp. 13-14 in D. L. Wolberg, K. Gittis, S. Miller, L. Carey, and A. Raynor (eds.), The Dinofest Symposium [abstracts].