

CURRICULUM VITAE
J. DAVID ARCHIBALD

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EDUCATION B. Sc. in Geology, Kent State University, 1972, Magna cum Laude
Ph. D. in Paleontology, University of California, Berkeley 1977

TEACHING EXPERIENCE AND ACADEMIC POSITIONS

1974-75: Teaching Assistant, Paleontology, University of California, Berkeley

Courses assisted for:

Introduction to Paleontology, undergraduate

Morphology of the Vertebrate Skeleton, undergraduate

Floras of the Past, undergraduate

Phylogeny and Evolution, undergraduate

**1977-79: J. Willard Gibbs Instructor (a postdoctoral fellowship), Dept. of
Geology & Geophysics, Yale University**

Problems in Cretaceous-Paleogene Vertebrate Evolution, graduate seminar

Evolution of Vertebrates to Man, undergraduate

Paleobiology of Mammals, graduate

Seminar in Primate Paleobiology (with D. Pilbeam)

**1979-83: Assistant Professor (1979-1983) Associate Professor (promoted
1983, but did not accept promotion), Department of Biology, Yale University**

Vertebrate Anatomy, undergraduate

Biologic Processes and Paleontologic Patterns, graduate seminar

(with faculty from Biology, Geology, and Anthropology)

Biology of Mammals, undergraduate

Evolution, undergraduate (team taught)

Paleobiology of Mammals, graduate

Variability seminar (with faculty from Biology, Geology, Anthropology, and Statistics)

Introduction to Biology, undergraduate (in charge, Spring 1983)

1983-1986: Assoc. Professor, Department of Biology, San Diego State University

1986-2011: Professor, Department of Biology, San Diego State University

Mammalogy, undergraduate/graduate

Macroevolution, graduate

Evolution and Diversity of Animals, undergraduate non-major

Ecology and Evolution, undergraduate (team taught, coordinator)

Phylogenetic Systematics, graduate (team taught)

Molecular & Morphologic Systematics, graduate (team taught)

Dinosaurs, undergraduate, non-major

Introduction to Organismal Biology (team taught)

Biogeography, graduate (sometimes team taught)

Seminar in Evolution & Systematics (team taught)

Genetics and Evolution (team taught)

**2011- present: Professor Emeritus, Department of Biology, San Diego State
University**

ADMINISTRATIVE, EDITORIAL, AND CURATORIAL EXPERIENCE - PAST

As undergraduate served as voting member on the Curriculum Committee, College of Arts and Sciences, Kent State University
Graduate student chairman, 1975-76, represented graduate students as voting member at Department of Paleontology faculty meetings.
Freshman and Sophomore Advisor, Trumbull College (a residential college, Yale) 1981-83
Faculty Advisor for Committee on Lectures and Special Projects, Trumbull College (a residential college, Yale) 1981-82
Undergraduate Affairs Committee, Department of Biology, Yale, 1982-83
Fifteen Ph.D. dissertation committees, departments of Biology and Geology-Geophysics, Yale University, 1977 to 1984; Ph. D. committee, SUNY Stonybrook
Curatorial Affiliate in Vertebrate Paleontology, Peabody Museum of Natural History, Yale University, 1977-79.
Curator of Mammals, Peabody Museum of Natural History, Yale University, 1979-83.
Curator in charge of temporary exhibit "Scutes and Scales" Amphibians and Reptiles of Connecticut," 1980; one of several curators working on new exhibit on human evolution, 1980-82; temporary exhibit "The Three Bears of North America, 1982
Associate Editor, *Journal of Vertebrate Paleontology*, 1984-1987
Academic Planning Committee, College of Sciences, SDSU, 1984-1987
Graduate Advisor, Systematics and Evolutionary Biology Group, Dept. of Biology, SDSU, 1985-86
Patterson Prize Committee, Society of Vertebrate Paleontology, 1986-87
Romer-Simpson Prize Committee, Society of Vertebrate Paleontology, 1986-88, Chair 1987-88
College of Sciences, Reappointment, Tenure, and Promotions Committee, 1988-1990
Department of Biology Policy and Planning Committee, 1987-90; 94-95
Outside member of Reappointment, Tenure, and Promotions Committee for College of Arts and Letters, 1990
Board of Trustees, San Diego Natural History Museum, 1990-1992
Development Committee, Chair, Society of Vertebrate Paleontology, 1993-1994
University Committee on Committees, 1993-1996
Coordinator for Systematics and Evolutionary Biology Program Area, Department of Biology, San Diego State University, 1986-90; 94-95; 97-98
Academic Advisory Council, HCOP, 1998-00
University Reappointment, Tenure, and Promotions Committee, 1992-1994; 99-01
College of Sciences Field Station Committee, 1992-00
Scientific Adviser, Huntington Library Charles Darwin Exhibit, 2001
Departmental Post-tenure Review Committee, 1996-present
Departmental Reappointment, Tenure, & Promotions Committee, 1994-96, 2002-2004
Vice President, Nu Chapter SDSU, Phi Beta Kappa, 1997-2002
Secretary, Society of Vertebrate Paleontology, 2001-2006

ADMINISTRATIVE, EDITORIAL, AND CURATORIAL EXPERIENCE - CURRENT

Curator of Mammals, 1983-present
Editorial Board, *Acta Palaeontologica Polonica*, 1996-present
Editorial Board, *Russian Journal of Theriology*, 2001-present
Department of Biology Graduate Coordinator, 2005-2010
Treasurer, Nu Chapter SDSU, Phi Beta Kappa, 2008-present
Directing SDSU LoveLibrary exhibit "The Fact of Evolution," 2009
Directing SDSU Special Collections exhibit "The Book that Shook the World," 2009

RECENT GRADUATE STUDENTS

Laura Blinderman - Cladistics in Equids using sequence data, cytochrome B, grad. '93.
Matthew Colbert - A reassessment of tapiroid phylogeny: implications of a new species of Eocene "tapir" from San Diego County, California, graduated '93.
Paul Hopkinson - Phylogenetic relationships of tree kangaroo *Dendrolagus*, graduated '94.
Sharon Messenger - The phylogenetic relationships of the river dolphins (with A. Berta), graduated '95.
John Azua - Phylogenetic relationships of Ciconidae, graduated in '96.
Steve Diem - Late Cretaceous N.A. biostratigraphy, graduated '99.
Eric Ekdale - Uzbekistan & archaic ungulate petrosals, graduated '02.
Randall Kessler - Pleistocene/paleontology, Coyote badlands (with Geology), graduated '03.
Cory Redman - Paleogeology of the Bissekty Member, Uzbekistan, graduated '06.
Selisa Lim - Arikerean Eastlake fauna, graduated '07.
Joshua Ludtke - Agriochoerid oreodont systematics, graduated '08.
Cory Jones - *Gopherus* tortoise systematics, graduated '08.
Justin Strauss - Systematic revisions of cimolestids, graduated '08.
Zhang Yue - Faunal Analysis of L. Cretaceous sites SE Montana, graduated '09.
Tony Harper - Dental wear in Cretaceous mammals, graduated spring '12.

UNDERGRADUATE INVOLVEMENT

Since 1986, 20 undergraduates taken to Montana, Colorado, Utah, and Uzbekistan to participate in paleontological fieldwork. Each semester, three to five students have 499's either directly with me or through our Collections Manager, Mike Van Patten.

FIELD RESEARCH AND EXPERIENCE

Summers 1973, '74, '75, '76, '79; Cretaceous-Paleocene deposits, N.E. Montana
Summers 1979, '80, '81; Cretaceous-Paleocene deposits, San Juan Basin, N.W. New Mexico
Summer 1980; Cretaceous deposits, N.W. Montana
Summer 1981; Cretaceous-Paleocene deposits, Raton Basin, N.E. New Mexico
January 1981, Dec. 1981 - Jan. 1982; Cretaceous-Paleocene, Miocene Deposits, Pakistan
June 1982; Cretaceous deposits, Mississippi
Summers 1983, '84, '85, '86, '87; Cretaceous deposits, S.E. Montana
Summer 1984, '85, '86, '87, '89, '90, '95; Cretaceous deposits, N.W. Colorado
Summer 1992, '93, '95; Cretaceous deposits, southern Utah
Summer - Fall 1994, '97-'00, '02-'04, '06; Cretaceous deposits, Uzbekistan
Summers - Summer 2007; Cretaceous deposits, S.E. Montana
Summer - Fall 2007; Cretaceous deposits, Kazakhstan

AFFILIATIONS

Research Associate, Museum of Paleontology, U. C. Berkeley, 1984-present
Research Associate & Fellow, San Diego Museum of Natural History, 1988-present
Reader, Huntington Library, 1999-present
Research Associate, National Museum of Natural History, 2007-present

AWARDS & RECOGNITION

Graduated first in class in Geology, 1972
Graduated Magna cum Laude, 1972
J. Willard Gibbs postdoctoral fellowship, Yale, 1977-79
Elected Phi Beta Kappa, honorary member, 1993
Distinguished Lecturer, Paleontological Society, 1993-94
Fulbright Scholar, 1996
Who's Who in America, 1997-present
Elected Phi Beta Delta Honor Society for International Scholars, 2002
Langston Distinguished Lecturer, Department of Geological Sciences, UT Austin, 2007
Fellow, American Association for the Advancement of Science, 2007-present

GRANTS & CONTRACTS

Sigma Xi Grant-in-Aid of Research, 1976
 ACS-Petroleum Research Fund Grant, 1980-82
 NSF Curatorial Grant (additional PI to J. Ostrom), 1982-85
 SDSU Learning Resources Center Micro Grant, 1983
 SDSU Affirmative Action Faculty Development Program, 1984
 SDSU Grant-in-Aid for Research, 1983-84
 SDSU Summer Faculty Fellowship, 1984
 National Geographic Society Grant, 1982-84, \$12,000
 ACS-Petroleum Research Fund Grant, Cretaceous of Colorado, 1984-86, \$15,000
 NSF Grant, Cretaceous of SE Montana, 1984-88, \$105,000
 ACS-Petroleum Research Fund Grant, Cretaceous of Colorado, 1986-88, \$20,000
 NSF Grant, Cretaceous of northwestern Colorado, 1989-91, \$106,000
 NSF Grant, GSA symposium with S. J. Carlson, 1991, \$6,190
 NSF Grant, Mosasaurs, administrator *only*, grant to late R. Estes, 1991-93, \$76,000
 Caltrans, four contracts, 1991-94, fossil salvage in San Diego County, \$55,000
 NGS Grant, Earliest ungulates, Uzbekistan, 1993-94, \$11,600, with L. A. Nessov.
 NGS Grant, Earliest ungulates, Uzbekistan, 1997, \$19,760, with H.-D. Sues.
 Dino Society Grant, Dinosaurs of Uzbekistan, 1997, \$9,760 with H.-D. Sues.
 NSF Grant, Vert Paleo in Uzbekistan, 1998-2001, \$170,000 (co-PI H.-D. Sues).
 NGS Grant, Vert Paleo in Uzbekistan, 1998, \$25,000.
 NSF Grant, Vert Paleo in Uzbekistan, 2002-2006, \$250,000 (co-PI H.-D. Sues).
 CRDF Grant, Joint US/Russia Work, 2004-2006, \$63,000 (12,000 to SDSU)
 NGS Grant, Vert Paleo in Uzbekistan, 2006-2007, \$26,000.
 CRDF Grant, Joint US/Russia Work, 2007-2009, \$63,000 (12,000 to SDSU)

FORMER PROFESSIONAL SOCIETIES

American Association for the Advancement of Science
 American Society of Mammalogists
 Geological Society of America
 International Society for Phylogenetic Nomenclature
 Sigma Xi
 Society for the Study of Evolution
 Society of Systematic Biology
 Society of Vertebrate Paleontology
 The Paleontological Society
 The Willi Hennig Society

RESEARCH AREAS

Mesozoic and Paleogene mammalian systematics, evolution, anatomy, biostratigraphy, and paleoecology; faunal changes at the Mesozoic-Cenozoic (K/T) boundary; theoretical approaches to the study of macroevolutionary patterns using phylogenetic systematics; history of evolutionary biology

INVITED INSTITUTIONAL & ORGANIZATIONAL TALKS SINCE 1994 (NOT INCLUDING ANNUAL PROFESSIONAL MEETINGS)

University of Missouri Rolla, 1994
 University of North. Iowa, 1994
 University of South Dakota, 1994
 University of Wyoming, 1994
 University of Utah, 1994
 Sigma Xi, 1994 Annual San Diego Chapter Meeting
 San Diego Museum of Natural History, 1995
 California State University, Northridge, 1995
 Museum of Paleontology, University of California, Berkeley 1996
 Utah Natural History Museum, 1996

University of Utah, 1996
University of California, Los Angeles 1996
Amateur Scientists, Ruben H. Fleet Space Theatre, San Diego, 1996
Dinofest/Arizona State Univ, 1996
Société Géologique de France, Paris, 1996
Fulbright Programs, Moscow, 1996
Saint Petersburg (Russia) Natural History Society, 1996
EGO, SDSU, San Diego, 1997 & 1998
Mammal ordinal origins symposium, Hiyama, Japan, 1998
Department of Geology, SDSU, 1998
Northeastern Ohio University Consortium of Medical Schools, 1999
Department of Biology, SDSU, 1999
Arizona Western College/Northern Arizona University, 2000
San Diego Association of Rational Inquiry, 2000
San Diego Museum of Natural History, 2000
Zamorano Club of Los Angeles, 2002
Mammal Symposium, Sorrento Italy, 2003
International Paleontology Congress Sydney, Australia, 2003
University of Sussex, UK, 2002
University of Camerino, Italy, 2004
Mammal evolution symposium, Japan, 2004
Department of Biology, SDSU, 2004
OASIS, 2004 and 2005
University of Iowa, 2005
University of Texas, Austin, 2007
Darwin Day Lecture, National Museum of Ireland, Dublin, 2008
CosmoCaixa Science Museum, Barcelona, Spain, 2008
SDSU Extended Studies, 2008
SDSU Biology Darwin celebration, 2009
University of Southern California, Darwin seminars, 2009
San Diego Association of Rational Inquiry, 2009
Universidad Nacional Autónoma de México, Juriquilla, 2009
University of Camerino, Italy, 2009
University of San Diego, 2009
San Diego Museum of Natural History, 2009

PUBLICATIONS

BOOKS & MONOGRAPHS

1983. A study of Mammalia and geology across the Cretaceous-Tertiary boundary in Garfield County, Montana. *University of California Publications in the Geological Sciences* 122:1-286.
1996. *Dinosaur Extinction and the End of an Era: What the Fossils Say*. New York: Columbia University Press, 237pp.
2005. *The Rise of Placental Mammals: Origin and Relationships of the Major Extant Clades*. Baltimore: Johns Hopkins University Press, 259p. (Rose, K. D. and Archibald, J. D., eds.).
2011. *Extinction and Radiation: How the Death of the Dinosaurs Lead to the Rise of the Mammals*. Baltimore: Johns Hopkins University Press, 120pp.

ARTICLES, CHAPTERS, & COMMENTS

1972. Implications of relative robusticity in the Olduvai metatarsus. *American Journal of Physical Anthropology*, 37:93-95. (Archibald, J.D., Lovejoy, C.O. and Heiple, K.G.).
1977. Ecotympanic bone and internal carotid circulation of eutherians in reference to anthropoid origins. *Journal of Human Evolution* 6:609-622.
1979. Mammalia. McGraw-Hill, 1979 *Yearbook of Science and Technology*, p. 247-251.

1979. Oldest known eutherian stapes and a marsupial petrosal bone from the Late Cretaceous of North America. *Nature* 281:669-670.
1979. Revision of the genus *Palatobaena* (Baenidae, Testudines). *Yale Peabody Postilla* 177:1-19. (Archibald, J.D. and Hutchinson, J.H.).
1980. Evolution of terrestrial faunas during the Cretaceous-Tertiary transition. *Mémoires de la Société Géologique de France, Nouvelle Série* 139:67-74. (Clemens, W.A., and Archibald).
1981. Earliest known Paleocene mammal site and its implications for non-catastrophic extinctions at the Cretaceous-Tertiary boundary. *Nature* 291:650-652.
1981. Out with a whimper not a bang. Current Happenings. *Paleobiology* 7:293-298. (Clemens, W.A., Archibald, J.D., and Hickey, L.J.).
1981. A mammal molar from the Late Cretaceous of northern Mississippi. *Journal of Paleontology* 55:953-956. (Emry, R.J., Archibald, J.D., and Smith, C.C.).
1982. Upper Cretaceous - Paleocene biostratigraphy and magnetostratigraphy, Hell Creek and Tullock Formations, northeastern Montana. *Geology* 10:153-159. (Archibald, J.D., Butler, R.F., Lindsay, E.H., Clemens, W.A., and Dingus, L.).
1982. Late Cretaceous Extinctions. *American Scientist* 70:377-385. (Archibald, J.D. and Clemens, W.A.).
1982. Replies to Thaddeus Trenn, Dale Russell, Asaro et al. *American Scientist* 70:566-571. (Archibald, J.D. and Clemens, W.A.).
1983. Revision of *Oxyacodon* (Condylarthra, Periptychidae) and its included species, and a description of *O. ferronensis* n. sp. *Journal of Paleontology* 57:53-72. (Archibald, J.D., Rigby, J.K., and Robison, E.).
1983. A new subfamily, Conacodontinae, and new species, *Conacodon kohlbergeri*, of the Periptychidae (Condylarthra, Mammalia). *Yale Peabody Postilla* 191:1-24. (Archibald, J.D., Schoch, R.M., and Rigby, J.K.).
1983. Structure of the K-T mammal radiation in North America: Speculations on turnover rates and tropic structure. *Acta Palaeontologica Polonica* 28:7-17.
1984. Mammal evolution near the Cretaceous-Tertiary boundary. In, Berggren, W.A. and Van Couvering, J.A., eds. *Catastrophes and Earth History: The New Uniformitarianism*. Princeton University Press, p. 339-371. (Archibald, J.D. and Clemens, W.A.).
1985. The demise of the dinosaurs: the rule, not the exception. *Environment Southwest* Spring:23-27.
1986. Diversity of turtles across the Cretaceous/Tertiary boundary in northeastern Montana. *Palaeogeography, Palaeoclimatology, Palaeoecology* 55:1-22. (Hutchison, J.H. and Archibald, J.D.).
1986. Response to Fastovsky, D. & Dott, R. *Geology* 14:892-893.
1987. Stepwise and non-catastrophic Late Cretaceous terrestrial extinctions in the Western Interior of North America: Testing observations in the context of an historical science. *Mémoires de la Société Géologique de France, Nouvelle Série* 150:45-52.
1987. Late Cretaceous (Judithian and Edmontonian) vertebrates and geology of the Williams Fork Formation, N.W. Colorado. In, Currie, P.M. and Koster, E.H., eds. *Fourth Symposium on Mesozoic Terrestrial Ecosystems, Short Papers. Occasional Papers Tyrrell Museum of Palaeontology* 3:7-11.
1987. First North American Land Mammal Ages of the Cenozoic Era. In, Woodburne, M. O., ed. *Cenozoic Mammals of North America*. University of California Press, p. 24-76. (Archibald, J.D. (Chair), Clemens, W.A., Gingerich, P.D., Krause, D. W., Lindsay, E.H., and Rose, K.D.).
1988. Limitations on K-T Mass Extinction theories based upon the vertebrate record. In, *Global Catastrophes in earth history: an interdisciplinary conference on impacts, volcanism, and mass mortality. Lunar and Planetary Institute Contributions* 673:4-5. (Archibald, J.D. and Bryant, L.J.).
1989. South American Paleocene dinosaurs, Cretaceous archaic mammals, or neither? *National Geographic Research* 5:137-138.
1989. The demise of the dinosaurs and the rise of the mammal. In, Padian, K. and Chure, D., eds. *The Age of Dinosaurs. Short Courses in Paleontology* 2:162-174.

1989. The nature of science. *Nature*, 342: 338.
1990. Differential Cretaceous-Tertiary extinctions of non-marine vertebrates: Evidence from northeastern Montana. In, Sharpton, V.L. and Ward, P., eds. *Global catastrophes in Earth History: An Interdisciplinary conference on impacts, volcanism, and mass mortality*. Geological Society of America Special Paper, 247:549-62 (Archibald, J.D. and Bryant, L.).
1991. Dinosaur Extinctions. Letters to the Editor, *American Scientist* 78:490-491.
1991. Whither the Dinosaurs? *Scientific American* 264:10-11.
1991. Comments and Reply on "Equable' climates during Earth History?" *Geology* 19:539.
1992. Dinosaur Extinction: How much and how fast? *Journal of Vertebrate Paleontology* 12:263-264.
1992. Myths, theories, and facts of dinosaur extinction. In, Preiss, B., Silverberg, R., and Greenberg, M., eds. *The Ultimate Dinosaur*. Byron Preiss Visual Publications, Inc., N.Y., p. 531-547.
1992. Dinosaur Diversity and Extinction. *Science* 256:160.
1993. Comment on "Major extinctions of land-dwelling vertebrates at the Cretaceous-Tertiary boundary, eastern Montana." *Geology* 21:90-92.
1993. The importance of phylogenetic analysis for the assessment of species turnover: A case history of Paleocene mammals in North America. *Paleobiology* 19:1-27.
1993. Were dinosaurs born losers? *New Scientist*. 137:24-27.
1994. Testing KT extinction hypotheses using the vertebrate fossil record. In, New Developments Regarding the KT Event and Other Catastrophes in Earth History. *LPI Contribution No. 825, Lunar and Planetary Institute*, Houston, p. 6-7.
1994. Metataxon concepts and assessing possible ancestry using phylogenetic systematics. *Systematic Biology* 43: 27-40.
1995. No evidence of sudden (or gradual) dinosaur extinction at the K/T boundary. *Geology* 23: 881-884. (Hurlbert, S. and Archibald, J.D.)
1996. Testing extinction theories at the Cretaceous-Tertiary boundary using the vertebrate fossil record, In, MacLeod, N., and Keller, G., eds. *The Cretaceous-Tertiary mass extinction: biotic and environmental changes*. New York, W. W. Norton & Co., p. 373-398.
1996. Fossil evidence for a Late Cretaceous origin of "hoofed" mammals. *Science* 272: 1150-1153.
1996. L'impact du retrait des mers. *La Recherche* 293: 67-69.
1996. Acid trauma at the Cretaceous-tertiary (K/T) boundary in eastern Montana: Comment. *GSA Today* 6: 21.
1996. No statistical support for sudden (or gradual) extinction of dinosaurs. Reply. *Geology* 24: 958-959.
1997. El Impacto del retroceso de los mares. *Mundo Científico* 176:155-157.
1997. Evolution. In, Currie, P. J. and Padian, K., eds., *Encyclopedia of Dinosaurs*. San Diego, Academic Press, p. 217-220.
1997. Extinction, Cretaceous. In, Currie, P. J. and Padian, K., eds., *Encyclopedia of Dinosaurs*. San Diego, Academic Press, p. 221-229.
1997. Speciation. In, Currie, P. J. and Padian, K., eds., *Encyclopedia of Dinosaurs*. San Diego, Academic Press, p. 693-695.
1997. Species. In, Currie, P. J. and Padian, K., eds., *Encyclopedia of Dinosaurs*. San Diego, Academic Press, p. 695-699.
1997. Extinction (biology). *McGraw-Hill 1998 Yearbook of Science & Technology*, p. 129-132.
1998. Ungulate-like mammals from the Late Cretaceous of Uzbekistan and a phylogenetic analysis of Ungulatomorpha. *Bulletin of the Carnegie Museum of Natural History* 34:40-88. (Nessov, L.A., Archibald, J.D., and Kielan-Jaworowska, Z.)
1998. Part III: Archaic Ungulates and ungulate-like mammals. In, C. Janis, & K. Scott, & L. Jacobs, (eds.). *Evolution of Tertiary Mammals of North America. Volume 1. Terrestrial Carnivores, Ungulates, and Ungulatelike Mammals*. Cambridge, Cambridge University

- Press, p. 247- 259. (Janis, C. M., Archibald, J. D., Cifelli, R. L., Lucas, S. G., Schaff, C. R., Schoch, R. M., and Williamson, T. E.)
1998. Archaic Ungulates ("Condylartha"). *In*, C. Janis, & K. Scott, & L. Jacobs, (eds.). *Evolution of Tertiary Mammals of North America. Volume 1. Terrestrial Carnivores, Ungulates, and Ungulate-like Mammals*. Cambridge, Cambridge University Press, p. 292-331.
1998. Death, Taxes, and Extinction: An Example from the Dinosaurs. National Forum, *The Phi Kappa Phi Journal* 78:28-31.
1998. Précis of the Paleontology, Biostratigraphy, and Sedimentology at Dzharakuduk (Turonian? - Santonian), Kyzylkum Desert, Uzbekistan. *In* Kirkland, J. I. and Lucas, S., eds.. Lower to Middle Cretaceous Terrestrial Ecosystems. *New Mexico Museum of Natural History & Science Bulletin* 14: 21-28 (Archibald, J. D., Sues, H.-D., Averianov, A. O., King, C., Ward, D. J., Tsaruk, O. A., Danilov, I. G., Rezvyi, A. S, Veretennikov, B. G., and Khodjaev, A.).
1998. Emerging importance of the Grand Staircase-Escalante region in Cretaceous vertebrate biostratigraphy, western U.S. *Grand Staircase-Escalante National Monument Science Symposium Proceedings*, pg.1-3.
1998. "Gaps" in the K-T Record. *Science* 279:1114-1115.
1998. Shiva Impact. Member's Dialogue, *The Planetary Report*, May/June, p.3.
1999. Divergence times of mammals. *Science* 285:2831a.
1999. Pruning and grafting on the mammalian phylogenetic tree. *Acta Palaeontologica Polonica* 44:220-222.
1999. Molecular dates and the mammalian radiation. *Trends in Ecology & Evolution* 14:278.
1999. Vertebrate paleontology of the Upper Cretaceous rocks of the Markagunt Plateau, southwestern Utah. *In*, Gillette, D.D., ed. *Vertebrate Fossils of Utah*. p. 323-333. (Eaton, J.G., Diem, S., Archibald, J.D., Schierup, C., and Munk, H.)
2000. Dinosaur abundance was not declining in a "3 m gap" at the top of the Hell Creek Formation, Montana and North Dakota: Comment. *Geology* 28:1150-1151
2001. Quantitative analysis of the timing of origin of extant placental orders. *Journal of Mammal Evolution* 8:107-124. (Archibald, J. D. and Deutschman, D.).
2001. Dinosaurs, extinction theories for. *In*, *Encyclopedia of Biodiversity*, Volume 2. San Diego, Academic Press, p. 95-108
2001. Eutheria. *In* *Encyclopedia of Life Sciences*. London, Macmillan Publishers Ltd, Nature Publishing Group, www.elsnet, p. 1-4.
2001. Late Cretaceous relatives of rabbits, rodents, and other extant eutherian mammals. *Nature* 414:62-65 (Archibald, J. D., Averianov, A. O., and Ekdale, E. G.).
2001. *Paranyctoides* and allies from the Late Cretaceous of North America and Asia. *Acta Palaeontologica Polonica* 46:533-551 (Archibald, J. D. and Averianov, A. O.)
- 2002 Mammals from the end of the Age of Dinosaurs in North Dakota and southeastern Montana. Hell Creek Formation and its faunas and floras. *Geological Society of America Special Paper* 361:191-215 (Hunter, J.P. and Archibald, J.D.).
2002. Dinosaur extinction: Changing Views. Dinosaur Extinction: Changing Views," *In* *Dinosaurs: The Science Behind the Stories*, Geological Institute, p.99-106.
2003. Placental nature of the alleged marsupial from the Cretaceous of Madagascar. *Acta Palaeontologica Polonica* 48:149-151 (Averianov, A. O., Archibald, J. D. and Martin. T.)
2003. The Late Cretaceous placental mammal *Kulbeckia*. *Journal of Vertebrate Paleontology*. 23:404-419 (Archibald, J. D. and Averianov, A. O.)
2003. Timing and biogeography of the eutherian radiation: Fossils and molecules compared. *Molecular Phylogeny and Evolution* 28:350-359.
2003. Mammals from the Upper Cretaceous Aitym Formation, Kyzylkum Desert, Uzbekistan. *Cretaceous Research* 24:171-191(Averianov, A. O. and Archibald, J. D.)
2004. Late Cretaceous petrosal bones of zhelestid and zalambdalestid eutherian mammals from Uzbekistan. *Acta Palaeontologica Polonica* 49:161-176 (E. G. Ekdale, Archibald, J. D. and Averianov, A. O.).
2004. Dinosaur extinction. *In* *Dinosauria*, University of California Press, p.672-684. (Archibald, J. D. and Fastovsky, D. E.)

2005. Were dinosaurs the victims of a single catastrophe? No, it only finished them off. *Natural History* 114: 52-53.
2005. Shape of Mesozoic dinosaur richness: Comment. *Geology* 33: e74.
2005. Womb with view: The Rise of Placentals. In, K. D. Rose & J. D. Archibald (eds). *The Rise of Placentals Mammals: Origin and Relationships of the Major Extant Clades*, Baltimore, Johns Hopkins University Press, p. 1-8. (Archibald, J. D. and Rose, K. D.).
2005. Range extension of southern chasmosaurine ceratopsian dinosaurs into northwestern Colorado. *Journal of Paleontology*. 79: 251–258. (Diem, S. and Archibald, J. D.)
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ABSTRACTS & REVIEWS

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