

### **Curriculum vitae**

W. Desmond Maxwell, Ph.D.  
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### **Education**

- 1991 Ph.D., Geology. The Queen's University of Belfast, Ireland. Thesis: "The Pareiasaur *Elginia* from Elgin, northeast Scotland and the Late Permian extinction event". Supervisor; M. J. Benton, Ph.D.
- 1986 B.Sc. (Hons), Geology. The Queen's University of Belfast, Ireland.

### **Present Status**

- Associate Professor, Department of Biological Sciences, University of the Pacific, Stockton, CA 95211  
(since August, 2003)
- Assistant Professor, Department of Biological Sciences, University of the Pacific, Stockton, CA 95211  
(August 1999 to 2003)
- Research Associate in Paleontology, Oklahoma Museum of Natural History, University of Oklahoma  
(since June 1, 1998).
- Affiliate Research Associate of Paleontology, Museum of the Rockies (MOR), Montana State University  
(since October 1, 1993).
- Research Associate, University of California Museum of Paleontology, Berkeley (since March 7, 2000).

### **Other Professional Experience**

- 1996-1999 Assistant Professor, Department of Neuroscience, New York College of Osteopathic Medicine (NYCOM), Old Westbury, New York
- 1998-1999 Member, NYCOM curriculum committee
- 1994-1996 Postdoctoral Fellow in Anatomy, NYCOM
- 1995-1996 Member, Society of Vertebrate Paleontology Government Liaison Committee
- 1991-1993 Postdoctoral Research Associate, MOR.
- 1991, 1992 Head of teaching staff, MOR paleontology field camp, Egg Mountain, MT

### Competitive Grants and Awards

- 2000 University of the Pacific Scholarly and Artistic Activity Grant. "Study of *Chirostenotes* and other dinosaurs in the Royal Tyrrell Museum of Palaeontology, Alberta, Canada" \$1,831
- 1999 National Geographic Society Committee for Research and Exploration. "The fauna of the Lower Cretaceous Cloverly Formation, Montana. \$5,580
- 1998 The Petroleum Research Fund. "Vertebrate paleontology of the Lower Cretaceous Holly Creek Formation, southeastern Oklahoma". \$20,000
- 1998 National Geographic Society Committee for Research and Exploration. "Early Cretaceous neonate and juvenile dinosaurs, Cloverly Formation, USA." \$5,390
- 1996 The Dinosaur Society: "Recovery of *Deinonychus*, *Tenontosaurus*, neonates, and other dinosaurs from the Lower Cretaceous Cloverly Formation of south-central Montana". \$7,550
- 1995 The Dinosaur Society: "New Insight into *Deinonychus*, *Tenontosaurus*, and other dinosaurs from the Cloverly Formation (Lower Cretaceous) of south-central Montana" with L. M. Witmer. \$7,225

### Publications – Journal articles/Book chapters

1. Maxwell, W. D. and Cifelli, R. L. 2000. Last evidence of sauropod dinosaurs (Saurischia: Sauropodomorpha) in the North American mid-Cretaceous. Brigham Young University Geology Studies 45:19-25.
2. Maxwell, W. D. 2000. Adaptation. In R. Singer, (ed.). *Encyclopedia of Paleontology*. pp.16-18. Fitzroy Dearborn Press, Chicago
3. \_\_\_ 2000. Theropoda. In R. Singer, (ed.). *Encyclopedia of Paleontology*. pp.805-811. Fitzroy Dearborn Press, Chicago.
4. \_\_\_ 2000. Ornithopoda. In R. Singer, (ed.). *Encyclopedia of Paleontology*. pp. 1270-1281. Fitzroy Dearborn Press, Chicago.
5. \_\_\_ 1997. Cloverly Formation. pp. 128-129 in P. J. Currie and K. Padian (eds.). *Encyclopedia of Dinosaurs*. Academic Press.
6. \_\_\_ and Ostrom, J. H. 1995. Taphonomy and paleobiological implications of *Tenontosaurus-Deinonychus* associations. *Journal of Vertebrate Paleontology* 15(4):707-712.
7. \_\_\_ and Taylor, J. 1995. Dinosaurian bone used as fire rock in Indian hearths, south-central Montana. *Archaeology in Montana* 35(2):1-4.

8. \_\_\_ and Horner, J. R. 1994. Neonate dinosaurian remains and dinosaurian eggshell from the Cloverly Formation, Montana. *Journal of Vertebrate Paleontology* 14(1):143-146.
9. \_\_\_ 1992. Permian and Early Triassic extinction of nonmarine tetrapods. *Palaeontology* 35(3):571-583.
10. \_\_\_ and Benton, M. J. 1990. Historical tests of the absolute completeness of the fossil record of tetrapods. *Paleobiology* 16(3):322-335.
11. \_\_\_ 1989. The end-Permian mass extinction. in S. K. Donovan (ed.). *Mass Extinctions: processes and evidence*, pp. 152-173. Belhaven Press, London; Columbia University Press, New York.

#### **Publications – Abstracts**

1. Maxwell, W. D. and Cifelli, R. L. 2002. Reanalysis of the ornithischian dinosaur Eolambia. *Journal of Vertebrate Paleontology* 22(3) Supplement 85A
2. Cifelli, R. L., Madsen, S. K., Sigogneau-Russell, D., Kielan-Jaworowska, Z., and Maxwell, W. D. 2000. Early Cretaceous symmetrodont from Montana. *Journal of Vertebrate Paleontology* 20(3) Supplement 35A.
3. Vallee, J. and Maxwell, W. D. 2000. Analysis of theropod teeth from the Lower Cretaceous Cedar Mountain Formation of Utah. Abstracts, 25<sup>th</sup> Annual West Coast Biological Sciences Undergraduate Research Conference, San Diego, CA
4. Patel, S. and Maxwell, W. D. 2000. Possible oviraptorosaurid dinosaur (Theropoda: Maniraptora) from the mid-Cretaceous of Utah. Abstracts, 25<sup>th</sup> Annual West Coast Biological Sciences Undergraduate Research Conference, San Diego, CA
5. Wetherington, D., Xiao, W., and Maxwell, W. D. 2000. Dinosaurian eggshell from the Lower Cretaceous Cedar Mountain Formation, south-central Utah. Abstracts, 25<sup>th</sup> Annual West Coast Biological Sciences Undergraduate Research Conference, San Diego, CA
6. Lam, M. and Maxwell, W. D. 2000. Juvenile hypsilophodontids (Dinosauria: Ornithischia) from the Lower Cretaceous Cloverly Formation of Montana. Abstracts, 25<sup>th</sup> Annual West Coast Biological Sciences Undergraduate Research Conference, San Diego, CA
7. Hallas, B. H., Wells, M. R., and Maxwell, W. D. 1999. Combining brains and dinosaurs II: the optic system. *Journal of Neuroscience, Abstracts for 29th Annual Meeting*
8. Hallas, B. H., Wells, M. R., and Maxwell, W. D. 1998. Combining brains and dinosaurs: a unique and effective concept in the teaching of neuroscience. *Journal of Neuroscience, Abstracts for 28th Annual Meeting*
9. Hallas, B. H., Tierney, S., Maxwell, W. D., Bosak, A., and Wells, M. R. 1998. Biomechanical analysis of osteopathic manipulation versus exercise in an animal model of arthritis I. *Journal of the American Osteopathic Association* 98(8).
10. Escabedo, G., Chabla, J., Tierney, S., Maxwell, W. D., Wells, M. R., and Hallas, B. H. 1998.

- Identification of critical time periods for apoptotic retinal ganglion cell death after axotomy. *Journal of the American Osteopathic Association* 98(8).
11. Maxwell, W. D., Hallas, B. H., and Horner, J. R. 1997. Further neonate dinosaurian remains and dinosaurian eggshell from the Cloverly Formation of Montana. *Journal of Vertebrate Paleontology* 17(3) Supplement 63A.
  12. Hallas, B. H., Maxwell, W. D., and Wells, M. 1997. Teaching of Neuroscience: The Visual System. *Journal of Neuroscience, Abstracts for 27th Annual Meeting*.
  13. Maxwell, W. D. and Hallas, B. H. 1997. Lower Cretaceous dinosaurian neonates and eggshell. *Journal of the American Osteopathic Association* 97(9).
  14. Maxwell, W. D. and Witmer, L. M. 1996. New material of *Deinonychus* (Dinosauria; Theropoda). *Journal of Vertebrate Paleontology* 16(3) Supplement 51A.
  15. Witmer, L. M. and Maxwell, W. D. 1996. The skull of *Deinonychus* (Dinosauria; Theropoda): new evidence and insights. *Journal of Vertebrate Paleontology* 16(3) Supplement, 73A.
  16. Maxwell, W. D. and Hallas, B. H. 1996. First skull roof and braincase of *Deinonychus*. *Journal of the American Osteopathic Association* 96(9):563.
  17. Maxwell, W. D. 1995. Cranial osteology of *Tenontosaurus* (Dinosauria: Ornithischia). *Journal of Vertebrate Paleontology* 15(3) Supplement, 44A.
  18. Maxwell, W. D. 1993. Neonate dinosaurian remains and dinosaur eggshell from the Lower Cretaceous Cloverly Formation, Montana. *Journal of Vertebrate Paleontology* 13(3) Supplement, 49A.

#### **Publications - Short Articles/Book Reviews**

1. Maxwell, W. D. 1999. Day of the Deinos. *Natural History* 108(10): pp.60-65.
2. \_\_\_ 1997. New insights into *Deinonychus*, *Tenontosaurus*, and other dinosaurs from the Cloverly Formation (Lower Cretaceous) of south-central Montana. *The Dinosaur Report*, Spring 1997, p:16-17.
3. \_\_\_ and Witmer, L. M. 1996. The new *Deinonychus*. *Dinosaur Discoveries*, Nov.-Dec., 1996. p:1-2.
4. \_\_\_ 1996. SVP reports new dinosaurs, birds. *Dinosaur Discoveries*, Nov.-Dec., 1996, p.8-9.
5. \_\_\_ 1989. Review of K. Padian (ed.), *The Beginning of the Age of Dinosaurs: Faunal Change Across the Triassic-Jurassic Boundary*. *Geological Journal*, 124(2): pp.79-81.
6. \_\_\_ 1989. Review of D. Zhiming, *Dinosaurs of China*. *Geological Magazine*, 126(3): pp.14-15.
7. \_\_\_ 1989. Review of S.J. Czerkas and E.C. Olsen (eds.), *Dinosaurs Past and Present*. *Geological Journal*, 124(2): pp.77-78.
8. \_\_\_ 1987. Review of R.L. Carroll, *Vertebrate Palaeontology and Evolution*. *Zoological Journal of the*

*Linnean Society*, 94: pp.97-98