

*Memoir 28*

Feldmann, Rodney M., Dale M. Tshudy, and Michael R. A. Thomson, 1993, Late Cretaceous and Paleocene decapod crustaceans from James Ross Basin, Antarctic Peninsula: *Paleont. Soc. Mem. 28* (*Journal of Paleontology*, v. 67, no. 1, supp.), 41 p.

*Memoir 29*

Bown, Thomas M., and John G. Fleagle, 1993, Systematics, biostratigraphy, and dental evolution of the Palaeothentidae, later Oligocene to Early–Middle Miocene (Deseadan–Santacrucian) caenolestoid marsupials of South America: *Paleont. Soc. Mem. 29* (*Journal of Paleontology*, v. 67, no. 2, supp.), 76 p.

*Memoir 30*

Gordon, Mackenzie, Jr., Thomas W. Henry, and Janis D. Treworgy, 1993, Late Mississippian productoid brachiopods *Inflatia*, *Keokukia*, and *Adairia*, Ozark region of Oklahoma and Arkansas: *Paleont. Soc. Mem. 30* (*Journal of Paleontology*, v. 67, no. 3, supp.), 29 p.

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Head, Martin J., 1993, Dinoflagellates, sporomorphs, and other palynomorphs from the Upper Pliocene St. Erth Beds of Cornwall, southwestern England: *Paleont. Soc. Mem. 31* (*Journal of Paleontology*, v. 67, no. 3, supp.), 62 p.

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Klapper, Gilbert, and C. T. Foster, Jr., 1993, Shape analysis of Frasnian species of the Late Devonian conodont genus *Palmatolepis*: *Paleont. Soc. Mem. 32* (*Journal of Paleontology*, v. 67, no. 4, supp.), 35 p.

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Grant, Richard E., 1993, Permian brachiopods from Khios Island, Greece: *Paleont. Soc. Mem. 33* (*Journal of Paleontology*, v. 67, no. 4, supp.), 21 p.

*Memoir 34*

Ward, Peter D., and W. James Kennedy, 1993, Maastrichtian ammonites from the Biscay region (France, Spain): *Paleont. Soc. Mem. 34* (*Journal of Paleontology*, vol. 67, no. 5, supp.), 58 p.

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Marincovich, Louie, Jr., 1993, Danian mollusks from the Prince Creek Formation, northern Alaska, and implications for Arctic Ocean paleogeography: *Paleont. Soc. Mem. 35* (*Journal of Paleontology*, vol. 67, no. 5, supp.), 35 p.

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Stanley, George D., Jr., Carlos González-León, Michael R. Sandy, Baba Senowbari-Daryan, Peter Doyle, Minoru Tamura, and Douglas H. Erwin, 1994, Upper Triassic invertebrates from the Antimonio Formation, Sonora, Mexico: *Paleont. Soc. Mem. 36* (*Journal of Paleontology*, vol. 68, no. 4, supp.), 33 p.

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Hofmann, H. J., and G. D. Jackson, 1994, Shale-facies microfossils from the Proterozoic Bylot Supergroup, Baffin Island, Canada: *Paleont. Soc. Mem. 37* (*Journal of Paleontology*, vol. 68, no. 4, supp.), 39 p.

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Hoare, Richard D., and Myron T. Sturgeon, 1994, Small fusulinids from the Pennsylvanian of Ohio: *Paleont. Soc. Mem. 38* (*Journal of Paleontology*, vol. 68, no. 5, supp.), 21 p.

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Sergeev, V. N., A. H. Knoll, and J. P. Grotzinger, 1995, Paleobiology of the Mesoproterozoic Billyakh Group, Anabar Uplift, Northern Siberia: *Paleont. Soc. Mem. 39* (*Journal of Paleontology*, vol. 69, no. 1, supp.), 37 p.

*Memoir 40*

Shaw, F. C., 1995, Ordovician trinucleid trilobites of the Prague Basin, Czech Republic: *Paleont. Soc. Mem. 40* (*Journal of Paleontology*, vol. 69, no. 3, supp.), 23 p.

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Rigby, J. K., and A. Desrochers, 1995, Lower and Middle Ordovician Lithistid Demosponges from the Mingan Islands, Gulf of St. Lawrence, Quebec, Canada: *Paleont. Soc. Mem. 41* (*Journal of Paleontology*, vol. 69, no. 4, supp.), 35 p.

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Lespérance, P. J., and S. Desbiens, 1995, Selected Ordovician trilobites from the Lake St. John District of Quebec and their bearing on Systematics: *Paleont. Soc. Mem. 42* (*Journal of Paleontology*, vol. 69, no. 4, supp.), 19 p.

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Feldmann, Rodney M., Silvio Casadío, Luis Chirino-Galvez, and María Aguirre-Urreta, 1995, Fossil decapod crustaceans from the Jagüel and Roca Formations (Maastrichtian–Danian) of the Neuquén Basin, Argentina: *Paleont. Soc. Mem. 43* (*Journal of Paleontology*, vol. 69, no. 5, supp.), 22 p.

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Cobban, W. A., and W. J. Kennedy, 1995, Maastrichtian ammonites chiefly from the Prairie Bluff Chalk in Alabama and Mississippi: *Paleont. Soc. Mem. 44* (*Journal of Paleontology*, vol. 69, no. 5, supp.), 40 p.

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Feldmann, Rodney M., Karen L. Bice, Carrie Schweitzer Hopkins, Eric W. Salva, and Katherine Pickford, 1998, Decapod Crustaceans from the Eocene Castle Hayne Limestone, North Carolina: Paleogeographic Implications: *Paleont. Soc. Mem. 48* (*Journal of Paleontology*, vol. 72, no. 1, supp.), 28 p.

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Chatterton, Brian D. E., and Rolf Ludvigsen, 1998, Upper Steptoean (Upper Cambrian) Trilobites from the McKay Group of Southeastern British Columbia, Canada: *Paleont. Soc. Mem. 49* (*Journal of Paleontology*, vol. 72, no. 2, supp.), 43 p.

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Hoare, R. D., and R. H. Mapes, Ostracodes from the Imo Formation (Mississippian, Chesterian) of northcentral Arkansas: *Paleont. Soc. Mem. 52* (*Journal of Paleontology*, vol. 74, no. 2, supp.), 23 p.



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Karklins, Olgerts L., 1983, Ptilodictyoid Cryptostomata Bryozoa from the Middle and Upper Ordovician rocks of Central Kentucky: Paleont. Soc., Mem. 14 (Journal of Paleontology, vol. 57, no. 1, supp.), 31 p.

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Karklins, Olgerts L., 1985, Bryozoans from the Murfreesboro and Pierce Limestones (Early Black Riveran, Middle Ordovician), Stones River Group, of Central Tennessee: Paleont. Soc. Mem. 15 (Journal of Paleontology, vol. 59, no. 3, supp.), 42 p.

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