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The Editor

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Memoir 23

Bown, Thomas M., and Kenneth D. Rose, 1987, Patterns of dental evolution in early Eocene anaptomorphine primates (Omomyidae) from the Bighorn Basin, Wyoming: *Paleont. Soc. Mem.* 23 (*Journal of Paleontology*, v. 61, no. 5, supp.), 162 p.

Memoir 24

Pojeta, John, Jr., and Norman F. Sohl, 1987, *Ascaulocardium armatum* (Morton, 1933), new genus (Late Cretaceous): the ultimate variation on the bivalve paradigm: *Paleont. Soc. Mem.* 24 (*Journal of Paleontology*, v. 61, no. 6, supp.), 77 p.

Memoir 25

Maples, Christopher G., and Rex Buchanan, 1989, Raymond Cecil Moore (1892–1974): Memorial and bibliography (in celebration of the 100th anniversary of the Kansas Geological Survey): *Paleont. Soc. Mem.* 25 (*Journal of Paleontology*, v. 63, no. 6, supp.), 29 p.

Memoir 26

Elder, William P., and Stephen E. Box, 1992, Late Cretaceous inoceramid bivalves of the Kuskokwim Basin, southwestern Alaska, and their implications for basin evolution: *Paleont. Soc. Mem.* 26 (*Journal of Paleontology*, v. 66, no. 2, supp.), 39 p.

Memoir 27

Zullo, Victor A., 1992, Revision of the balanid barnacle genus *Concavus* Newman, 1982, with the description of a new subfamily, two new genera, and eight new species: *Paleont. Soc. Mem.* 27 (*Journal of Paleontology*, v. 66, no. 6, supp.), 47 p.

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 (Descadan–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.

Memoir 31

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.

Memoir 32

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.

Memoir 33

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.

Memoir 35

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.

Memoir 36

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

Memoir 37

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.

Memoir 38

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.

Memoir 39

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.

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Amsden, T. W., 1968, Articulate Brachiopods of the St. Clair Limestone (Silurian), Arkansas, and the Clarita Formation (Silurian), Oklahoma: Paleont. Soc., Mem. 1 (Journal of Paleontology, vol. 42, no. 3, supp.), 117 p.

Memoir 2

Macurda, D. B., Jr. (editor), 1968, Paleobiological aspects of growth and development, a symposium: Paleont. Soc., Mem. 2 (Journal of Paleontology, vol. 42, no. 5, supp.), 119 p.

Reference to a paper in Memoir 2

Bonner, J. T., 1968, Size change in development and evolution, in Paleobiological aspects of growth and development, a symposium: Paleont. Soc., Mem. 2 (Journal of Paleontology, vol. 42, no. 5, supp.), p. 1–15.

Memoir 3

Waller, T. R., 1969, The evolution of the *Argopecten gibbus* stock (Mollusca: Bivalvia), with emphasis on the Tertiary and Quaternary species of Eastern North America: Paleont. Soc., Mem. 3 (Journal of Paleontology, vol. 43, no. 5, supp.), 125 p.

Memoir 4

Longacre, S. A., 1970, Trilobites of the Upper Cambrian Ptychaspid Biome, Wilberns Formation, Central Texas: Paleont. Soc., Mem. 4 (Journal of Paleontology, vol. 44, no. 1, supp.), 70 p.

Memoir 5

Kier, P. M., 1974, Evolutionary trends and their functional significance in the post-Paleozoic Echinoids: Paleont. Soc., Mem. 5 (Journal of Paleontology, vol. 48, no. 3, supp.), 96 p.

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Shaw, F. C., 1974, Simpson Group (Middle Ordovician) Trilobites of Oklahoma: Paleont. Soc., Mem. 6 (Journal of Paleontology, vol. 48, no. 5, supp.), 54 p.

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Kolata, D. R., 1975, Middle Ordovician Echinoderms from Northern Illinois and Southern Wisconsin: Paleont. Soc., Mem. 7 (Journal of Paleontology, vol. 49, no. 3, supp.), 74 p.

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Petersen, Morris S., 1975, Upper Devonian (Famennian) Ammonoids from the Canning Basin, Western Australia: Paleont. Soc., Mem. 8 (Journal of Paleontology, vol. 49, no. 5, supp.), 55 p.

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Grant, Richard E., 1976, Permian Brachiopods from Southern Thailand: Paleont. Soc., Mem. 9 (Journal of Paleontology, vol. 50, no. 3, supp.), 269 p.

Memoir 10

Manger, Walter L., and W. Bruce Saunders, 1980, Lower Pennsylvanian (Morrowan) Ammonoids from the North American Midcontinent: Paleont. Soc., Mem. 10 (Journal of Paleontology, vol. 54, no. 3, supp.), 56 p.

Memoir 11

Frest, T. J., Brian F. Glenister, and W. M. Furnish, 1981, Pennsylvanian-Permian Cheiloceratacean Ammonoid families Maximitidae and Pseudohaloritidae: Paleont. Soc., Mem. 11 (Journal of Paleontology, vol. 55, no. 3, supp.), 46 p.

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Blackwelder, Blake W., 1981, Late Cenozoic Stages and Molluscan Zones of the U.S. Middle Atlantic Coastal Plain: Paleont. Soc., Mem. 12 (Journal of Paleontology, vol. 55, no. 5, supp.), 34 p.

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Fisher, Daniel C., and Matthew H. Nitecki, 1982, Standardization of the Anatomical Orientation of Receptaculitids: Paleont. Soc., Mem. 13 (Journal of Paleontology, vol. 56, no. 1, supp.), 40 p.

Memoir 14

Karklins, Olgerts L., 1983, Ptilodactyloid 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.

Memoir 15

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.

Memoir 16

Elias, Robert J., 1985, Solitary rugose corals of the Upper Ordovician Montoya Group, southern New Mexico and westernmost Texas: Paleont. Soc. Mem. 16 (Journal of Paleontology, vol. 59, no. 5, supp.), 58 p.

Memoir 17

Karklins, Olgerts L., 1986, Chesterian (Late Mississippian) bryozoans from the upper Chainman Shale and lowermost Ely Limestone of western Utah: Paleont. Soc. Mem. 17 (Journal of Paleontology, vol. 60, no. 1, supp.), 48 p.

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Macellari, Carlos E., 1986, Late Campanian–Maastrichtian ammonite fauna from Seymour Island (Antarctic Peninsula): Paleont. Soc. Mem. 18 (Journal of Paleontology, vol. 60, no. 2, supp.), 55 p.

Memoir 19

Gordon, Mackenzie, Jr., 1986, Late Kinderhookian (Early Mississippian) ammonoids of the western United States: Paleont. Soc. Mem. 19 (Journal of Paleontology, vol. 60, no. 3, supp.), 36 p.

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Rigby, J. Keith, and A. W. Potter, 1986, Ordovician Sphinctozoan Sponges from the Eastern Klamath Mountains, Northern California: Paleont. Soc. Mem. 20 (Journal of Paleontology, vol. 60, no. 4, supp.), 47 p.

Memoir 21

Cronin, Thomas M., 1987, Evolution, biogeography, and systematics of *Puriana*: evolution and speciation in Ostracoda, III: Paleont. Soc. Mem. 21 (Journal of Paleontology, v. 61, no. 3, supp.), 71 p.

Memoir 22

Newton, C. R., M. T. Whalen, J. B. Thompson, N. Prins, and D. Delalla, 1987, Systematics and paleoecology of Norian (Late Triassic) bivalves from a tropical island arc: Wallowa Terrane, Oregon: Paleont. Soc. Mem. 22 (Journal of Paleontology, v. 61, no. 4, supp.), 83 p.

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