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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.

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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.

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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.

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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.

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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.

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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.

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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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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.

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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.

Memoir 43

Feldmann, Rodney M., Silvio Casadio, 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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Palmer, A. R., and A. J. Rowell, 1995, Early Cambrian trilobites from the Shackleton Limestone of the Central Transantarctic Mountains: *Paleont. Soc. Mem. 45* (*Journal of Paleontology*, vol. 69, no. 6, supp.), 28 p.

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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.

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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.

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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.

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

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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.

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Frest, T. J., Brian F. Glenister, and W. M. Furnish, 1981, Pennsylvanian-Permian Cheilocerataean 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.

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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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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.

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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.

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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.

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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.

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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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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.

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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.

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