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- MacBride, E.W. 1906. Echinodermata. Pp. 425-623. In Harmer, S.F. & Shipley, A.E. (eds) The Cambridge Natural History. Volume 1. 623p. (MacMillan: London) [p. 476 *Aspidosoma*, *Palaeaster*, *Palaeocoma*, *Xenaster*; pp. 501-502 *Eophiura*, *Bohemura*, *Sympterura*, *Eucladia*, *Onychaster*]
- MacBride, E. W. and W. K. Spencer. 1938. Two new Echinoidea, *Aulechinus* and *Ectinechinus*, and an adult plated holothurian, *Eothuria*, from the Upper Ordovician of Girvan, Scotland. Phil. Trans. Roy. Soc. Lond. ser. B, no. 558, vol. 229, pp. 91-136, pls. 10-17. [notes on the Starfish Bed; notes on close relationship between echinoids and Asterozoa; Ordovician Asterozoa from Bohemia]
- MacRae, Colin. 1999. Life etched in stone – Fossils of South Africa. The Geological Society of South Africa. 304 pp. [book promo has photo of ophiuroids from the Cape Supergroup][see <http://geotoursafrica.com/german/fossils.htm>]
- Macurda, D.B. and P.R. Racheboeuf. 1975. Devonian and Carboniferous spiraculate blastoids from Brittany (France). Journal of Paleontology 49(5):845-855. [p. 846 and text-fig. 2 has stratigraphic and locality detail for *Ophiurina armoricana* Morzadec & Ubaghs]
- Madsen, F.J. 1966. The Recent sea-star *Platasterias* and the fossil Somasteroidea. Nature (London) 209:1367.
- Maerz, R. H., Jr., R. L. Kaesler & W. G. Hakes. 1976. Trace fossils from the Rock Bluff Limestone (Pennsylvanian, Kansas). The University of Kansas Paleontological Contributions 80:1-6. [source Mángano et al. 1999] [*Pentichnus pratti* n. ichnogen., n. ichnosp.]
- Mah, C. & D. B. Blake. 2000. *Promopalaeaster*, a famous Cincinnati asteroid (Echinodermata). Geological Society of America, North-Central Section, 34th annual meeting, Abstracts with Programs, GSA 32(4):49.
- Mah, C.L. & D.B. Blake. 2012. Global diversity and phylogeny of the Asteroidea (Echinodermata). PLoS ONE 7(4): e35644. doi:10.1371/Journal.pone.0035644, 22 pp. [significant discussion on fossil history, classification, phylogeny, origins, life modes] [Fig. 1: *Ophioxenikos langenheimi*, *Urasterella grandis*, *Hudsonaster incomptus*, *Jugiaster speciosus*, *Helianthaster rhennus*, *Palaeaster clarki*]
- Maillieux, Eug. 1910. Sur la faune et l'horizon stratigraphique de quelques gites fossilifères infradévoniens. Bruxelles Bul. Soc. géol. 24:189-220 [ZR 1911 includes Asteroidea]

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Makhlouf, Y., B. Lefebvre, S. Régnault, and A.W. Hunter. 2010. First report of an echinoderm Lagerstätte in the Ordovician of the Ougarta Range, western Algeria. The Palaeontological Association Newsletter No. 75, p. 59. [association of eocrinoid *Ascocystites* with ophiuroids]

Malzahn 1957 – see Reich 2002

Mángano, M. G. & L. A. Buatois. 1997. Análisis icnológico del este de Kansas. Memorias 1er Congreso Latinoamericano de Sedimentología 2:1-6. [source Mángano et al. 1999]

Mángano, M. Gabriela, Luis A. Buatois, Ronald R. West & Christopher G. Maples. 1999. The origin and paleoecologic significance of the trace fossil *Asteriacites* in the Pennsylvanian of Kansas and Missouri. Lethaia 32:17-30. [Rock Lake Shale Member (Stanton Fm., Lansing Group)] [Tonganoxie Sandstone Member (Stranger Formation, Douglas Gp.)] [Stull Shale Member (Kanwaka Shale Fm, Shawnee Gp)] [various morphologies of *A. lumbricalis*] [attributed to ophiuroids] [tidal flat assemblage] [juveniles or adults of reduced size] [small size may be related to salinity stress] [probably adaptation to brackish water] [small bivalves may have been prey] [suggests a predatory habit for *Asteriacites* tracemaker] [taxonomy is thoroughly reviewed] [gregarious mode of occurrence] [wide range of behavior]

Mángano, M. Gabriela, Luis A. Buatois, Ronald R. West & Christopher G. Maples. 2002. Ichnology of a Pennsylvanian equatorial tidal flat – the Stull Shale Member at Waverly, eastern Kansas. Kansas Geological Survey Bulletin 245:1-133. [source KGS web pages] [p. 25 *Asteriacites*, p. 52 *Pentichnus*]

Markewicz, A. P. (1959): Phylogenetic investigations of D. M. Fedotov (in Russian, with Fedotov's bibliography by N. A. Rumjanceva). In: Voprosy morfologii i filogenii bespozvonocnykh. Trudy Instituta morfologii zhivotnykh, 27: 13-25. [source Petr]

Marschall, Auguste de. 1873. Nomenclator Zoologicus continens nomina systematica genarum animalium tam viventium quam fossilium, secundum ordinem alphabeticum disposita. Sub auspiciis et sumptibus C. R. Societatis Zoologico-Botanicae. Conscriptus a comite Augusto de Marschall. Vindobonae. Typis Coroli Ueberreuter (M. Salzer). 1873. pp. iv, 482.

Martin, Marcus J. [see Farrell, Ú.C., et al. 2009]

Martín-Medrano, L. and P. García-Barrera. 2006. Fossil ophiuroids of Mexico. pp. 115-131 in F.J. Vega et al. (eds.), Studies on Mexican Paleontology. Springer, The Netherlands. [p. 120 ophiuroid, Ixtaltepec Fm. (Pennsylvanian), Oaxaca] [see Quiroz-Barroso & Sour-Tovar, 1995, 2006]

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- Martynov, A.V. 2010. Reassessment of the classification of the Ophiuroidea (Echinodermata). Based on morphological characters. I. General character evaluation and delineation of the families Ophiomyxidae and Ophiacanthidae. *Zootaxa* 2697:1-154. [p. 138 et seq.: extinct Oegophiurida and recent Ophiomyxidae] [homology of tentacle scales and groove spines]
- Martynov, A.V. 2012. Ontogenetic systematics: The synthesis of taxonomy, phylogenetics, and evolutionary developmental biology. *Palaeontological Journal* 46(8):833-864. [Fig. 6 *Strataster ohioensis*; *Eugasterella thorni*] [Fig. 7 *Eugasterella thorni*; also pp. 854]
- Matsubara, M., M. Komatsu & H. Wada. 2003. The molecular phylogenetic analysis of Paxillosida (Asteroidea). Program and abstracts, 11th IEC, Munich. (poster #56)
- Matsumoto, Hikohichiro. 1913. Evolutionary history of the class Ophiuroidea and a note on the new classification of the class. [in Japanese]. *Dobutsugaki Zasshi* [= Zoological Magazine] 25(300): 521-527. [new categories: Subclass Oegophiurida, Infraclass Adelophiurida, Order Aelophiurae, Infraclass Protophiurida, Order Zeugophiurae, Subclass Myophiurida, Infraclass Mesophiurida, Order Liparophiurae, Order Pleurophiurae, Infraclass Metophiurida] [various Paleozoic genera mentioned: Bohemura, Eoluidia, Ophiurina, Eophiura, Tremataster, Furcaster, Palastropecten, Palaeophiomyxa, Lapworthura, Sympterura, Onychaster, Stürtzura, Taeniaster, Bundenbachia, Palaeophiura, Protaster, Taeniura, Palaeura, Eugaster, Ptilonaster, Eospondylus, Miospondylus, Aganaster]
- Matsumoto, H. 1915. A new classification of the Ophiuroidea: with descriptions of new genera and species. *Proceedings of The Academy of Natural Sciences of Philadelphia*, February, 1915, vol. 67, pp. 43-92.
- Matsumoto, H. 1917. A monograph of Japanese Ophiuroidea, arranged according to a new classification. *Journal of the College of Science, Imperial University of Tokyo*. vol. 38, Art. 2, 408 pp + 7 plates. [p. 5 Subclass Oegophiuroidea, mostly Paleozoic forms] [p. 6 Subclass Myophiuroidea includes certain Paleozoic forms; these perhaps a distinct order]
- Matsumoto, H. 1929. Morphological notes on two Paleozoic ophiuroids. *Science Reports, Tohoku Imperial University, Sendai, Japan, 2nd ser. (Geol.)*, vol. 13, pp. 23-24, pl. X, figs. 1-3. [WKS p. 483]
- Matsumoto, H. 1929. A classification of the Palaeozoic Ophiuroidea. *Science Reports of the Tôhoku Imperial University, Second Series (Geology)* 13:25-26.
- Matsumoto, H. 1929. Outline of a classification of Echinodermata. *The Science Reports of the Tohoku Imperial University, Sendai, Japan, 2nd Series*, 13: 27-33.
- May, Andreas. 2003. Die Fossilführung des Mitteldevons im Raum Attendorn-Olpe (West-

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Sauerland; Rechtsrheinisches Schieferberge). Geol. Paläont. Westf. 60:47-79.

[Eospondylus sp. and an unidentified ophiuroid from the upper part of the Selscheid Beds (Upper Eifelian)]

Mayou, Taylor V. 1967. Paleontology of the Permian Loray Formation in White Pine County, Nevada. Brigham Young Univ. Stud. Geol. 14: 101-122, 4 pls, 4 figs [Zeugophiurina n.g.n.sp; Archaeophiomusium burrisi] [ZR'67]

Mayou, T. 1968. Permian ophiuroids from Nevada [abstract]. Special Papers Geological Society of America, No. 101 [Abstracts for 1966], p. 134. [Ophiuraster burrisi]

Mayou, T. V. 1969. A new species of Permian ophiuroid from Nevada. Jour. Paleont., vol. 43, no. 4, pp. 936-940.

McCoy, ?. 1855 [or ?51, see Forbes entry]. British Palaeozoic Fossils p. 59. [wks p. 457]

McCoy, F. 1874. Podromus of the paleontology of Victoria. Geol. Surv. Victoria, dec. 1, p. 41, 42. [Petraster smythi, Urasterella selwyni] [source Schuchert p. 283] [?reviewed in Nature, Thursday 7 January 1875, p. 182]

McCoy, ?. 1874. Table of Fossils. In Smyth, R. B., Report of Progress (No. I), Geological Survey of Victoria, pp. 33-36.

McDonald, K. B., B. Waggoner, F. H. C. Hotchkiss & J. Harper. 2000. Ophiuroids from the Imo Formation (Chesterian: Mississippian) of northern Arkansas. GSA poster session. [Aganaster sp., Encrinaster n.sp. cf E. montanus]

McHenry, A. and W. W. Watts. 1895. Official guide to the collections of rocks and fossils belonging to the Geological Survey of Ireland, arranged in room III E. of the Museum of Science and Art, Dublin. HMSO (Dublin), 155 pp. [p. 122 Palaeasterina Kinahani Baily] [p. 112 Palaeaster Kinahani, P. ramsayensis] [p. 82, 89, 90] [see p. 726 of Brit. Mus. (Nat. Hist.) cat of 1904, vol. II E-K] [source F. R. C. Reed, 1897, Geol. Mag. dec IV, vol. IV, p. 504] [see Parkes & Sleeman 1997]

McIver, Monroe A. and Elizabeth P. 1955. 300-million-year-old starfishes. Nat. History, vol. 64, no. 3, p. 159, illus. [material described as Strataster mciverorum by F. Hotchkiss, 1974 Ph.D. dissertation]

McKinzie, M. G. 1990. Comparison of two stalked echinoderm faunas from the Middle Ordovician of south-central Oklahoma. MAPS Digest vol. 13, no. 9, pp. 3-6. [publication of the Mid-America Paleontological Society] [list of fossils includes "the very rare asteroid or two"; Upper Echinoderm Zone, Mountain Lake Member, Bromide Formation; Middle Ordovician -- Blackriverian]

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- McKnight, D. G. 1975. Classification of somasteroids and asteroids (Asterozoa: Echinodermata).--Journal of the Royal Society of New Zealand 5:13-19. [Important and thoughtful paper with many proposed changes (such as Archophiactinidae and Helianthasteridae considered as somasteroids, etc.) plus observations on plate systems (odontophore, calycinal system, madreporite, superambulacral ossicles, etc.)]
- McKnight, D. G. 1977. Classification of Recent paxillosid sea-stars (Asterozoa:Echinodermata). [remarks on Platanaster, Platasterias, Platyasterida, Somasteroidea]
- McKnight, D. G. 1977. A note on the order Zorocallida (Asteroidea: Echinodermata).--NZOI Records [New Zealand Oceanographic Institute, Wellington, New Zealand] 3:159-161. [Discussion of Calliasterella mira (Trautschold), C. americana Kesling & Strimple, Silicaster esseri Kesling, Protarthrastrer longimanus Whidborne, Arthrastrer dixonii Forbes] [proposes substantive revisions to classification]
- McKnight, F. 1890. A new *Protaster* from Australia. Tr. geol. Soc. Austral. i, p. 116. [Zoo. Rec. for 1893] [not seen] ["little more than an abstract of Gregory 1889"]
- McLearn, F. H. 1924. Palaeontology of the Silurian rocks of Arisaig, Nova Scotia. Memoirs Geological Survey Branch, Department of Mines Canada, Ottawa 137:1-180, pls. 1-30. [p. 41, pl. 3, figs. 1,2.] [Mesopalaeaster(?) parvisculus (Billings), McAdam? formation, Middle Silurian, Arisaig, Nova Scotia.] [Urasterella ruthveni var. arisaigensis Ruedemann, Stonehouse formation]
- Meagher, B.E. 2012. Microgaunal assemblages of the Placid Shale (Missourian, Upper Pennsylvanian), Brazos River Valley, North-Central Texas. Master of Science in Geology thesis, University of Texas at Arlington, August 2012. [ophiuroid webbed spines, *Pectenura* sp. hooks, *Pectenura* (?) sp. hook, pp. 91-95]
- Meek, F. B. 1872. Descriptions of a few new species, and one new genus, of Silurian fossils, from Ohio. Am. Jour. Sci. & Arts, ser. 3, vol. IV, whole number CIV, no. XXII, Art. XXXVI, pp. 274-281.
- Meek, F. B. 1872. Description of two new star-fishes, and a crinoid from the Cincinnati Group of Ohio and Indiana. Am. Jour. Sci., 3d ser., vol. 3, p. 257-262.
- Meek, F. B. 1873. Descriptions of the invertebrate fossils of the Silurian and Devonian systems, pp. 1-243, pls. 1-23. In Report of the Geological Survey of Ohio. Vol. I. Geology and Palaeontology. Part. II. Palaeontology. xiii + 399 pp., 48 pls.
- Meek, F. B. and A. W. Worthen. 1861. Descriptions of new Carboniferous fossils from Illinois and other Western States. Proc. Acad. Nat. Sci. Philadelphia for 1860, vol. 12, pp. 447-472. [Echinodermata on p. 449 -- one entry only: Palasterina (Schoenaster) fimbriata]

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n.subg., n.sp.; no figure; greater diameter 2.37", lesser diameter 0.89"; disk fringed by a single range of short, lanceolate spines; St Clair county, IL; St. Louis Limestone of L. Carb. series]

Meek, F. B. and A. W. Worthen. 1862. Descriptions of new Palaeozoic fossils from Illinois and Iowa. Proc. Acad. Nat. Sci. Philadelphia for 1861, vol. 13, pp. 128-148. [Echinodermata pp. 128-142] [on p. 142: Petraster wilberanus n.sp.; Oswego, Kendall Co., IL, "in rocks of the age of the Trenton or Hudson River Group of the NY series]

Meek, F. B. and A. W. Worthen. 1866a. Descriptions of invertebrates from the Carboniferous system. Geological Survey of Illinois, vol. 2, pp. 145-411, pls. 14-32. [pp. 277-280 + Pl. 19 fig. 7a,7b,7c,7d: Schoenaster, S. fimbriatus]

Meek, F. B. and A. W. Worthen. 1866b. Contributions to the palaeontology of Illinois and other Western States. Proc. Acad. Nat. Sci. Philadelphia for 1866, vol. 18, pp. 251-275. [Echinodermata on pp. 251-259] [on p. 259: Schoenaster wachsmuthi n.sp.; Burlington, Iowa; upper part of Burlington limestone of Subcarboniferous series] [dia of disc 1.22"; rays apparently extending as much as 0.90 inch or more beyond the margin of the disc]

Meek, F. B. and A. W. Worthen. 1868. Palaeontology. Geological Survey of Illinois, vol. 3, pp. 291-565, pls. 1-20, text figs. [pp. 499-500 + Pl. 17 fig. 4: Schoenaster, S. wachsmuthi] [pp. 526-528, text fig.: Onychaster, O. flexilis n.g., n.sp.]

Meek, F. B. and A. W. Worthen. 1869a. Descriptions of a new Crinoidea and Echinoidea from the Carboniferous rocks of the Western States, with a note on the genus Onychaster. Proc. Acad. Nat. Sci. Philadelphia for 1869, vol. 21, pp. 67-83. [on pp. 82-83: Onychaster originally described in vol. 3 p. 526 of IL Geol. Rpt] [now has more specimens from original Crawfordsville locality -- and provides significant new information/interpretation here] [p. 83 remarks that Protaster? barrisi Hall from Burlington has essentially same structure as O. flexilis (but barrisi does not have the rough knobs/scales of flexilis)]

Meek, F. B. and A. W. Worthen. 1869b. Descriptions of new Carboniferous fossils from the Western States. Proc. Acad. Nat. Sci. Philadelphia for 1869, vol. 21, pp. 137-172. [on pp. 169-170: Protaster? gregarius n.sp.; Crawfordsville, Indiana; Keokuk division of the L. Carb. series]

Meek, F. B. and A. W. Worthen. 1873. Palaeontology of Illinois. Descriptions of invertebrates from Carboniferous Systems. Geological Survey of Illinois, vol. 5, pp. 323-619, pls. 1-32. [pp. 474-476 + Pl. 10 fig. 1: Onychaster, O. barrisi] [pp. 509-510 + Pl. 16 figs. 3,5: Protaster, P.? gregarius, Onychaster flexilis]

Mendez-Alzola, Rodolfo. 1938. Fosiles Devonicos del Uruguay. Bol. Inst. geol. Uruguay,

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Montevideo, 24: 3-115, pls. iii-xv. [Records Aspidosoma(?) pontis Clarke from Rincon de Alonso.]

- Mensah, Michael K. 1962. Lithology, palaeontology and paleoecology of the Upper Kirkfield Member (Middle Ordovician) in the type area at Kirkfield, Ontario. University of Toronto, M.A. Thesis. 104 pp., 20 plates. [Location of Stenaster salteri beds; compiled lists of echinoderms] [lists Petraster rigidus Billings, Protaster whiteavesianus Parks, & Taeniura cylindricus (Billings)]
- Merrill, George P. 1905. Catalogue of the type and figured specimens of fossils, minerals, rocks and ores in the Department of Geology, United States National Museum. Part I. Fossil invertebrates.--Bulletin of the United States National Museum No. 53, Part i. 704 pp. [strictly alphabetical; Protaster miamiensis, Taeniaster elegans, etc., etc.]
- Meyer, David. 1971.
- Meyer, D.L. & W.I. Ausich. 1983. Biotic interactions among Recent and among fossil crinoids. Chapter 9 (pp. 377-427). In Tevesz, M.J.S. & McCall, P.L. (eds). Biotic interactions in Recent and fossil benthic communities. (Plenum: New York).
- Meyer, David L., and R.A. Davis. 2009. A sea without fish: life in the Ordovician sea of the Cincinnati region. Indiana University Press, 346 pp. [includes observations on asteroids, ophiuroids (see index)]
- Michels, D. 1986. Ökologie und Fazies des jüngsten Ober-Devon von Velbert (Rheinisches Schiefergebirge). Göttinger Arbeiten zur Geologie und Paläontologie 29:86 pp. [Asteroidea; source Reich 2004]
- Mikuláš, Radek. 1992a. The ichnogenus Asteriacites: paleoenvironmental trends. Věstník Českého geologického ústavu 67:423-433. [source Mángano et al. 1999]
- Mikuláš, Radek. 1992b. Trace fossils from the Kosov Formation of the Bohemian Upper Ordovician. Sborník geologických ved, Paleontologie 32:9-54. [source Mángano et al. 1999]
- Mikuláš, Radek. 2002. A new ichnoassemblage from the Polyteichus Facies of the Bohdalec Formation (Upper Ordovician, Barrandian area, Czech Republic). [in Czech]. Zprávy o geologických výzkumech v roce 2002, pp. 128-129. [Asteriacites lumbricalis]
- Mikuláš, Radek, Vaclav Petr & Rudolf J. Prokop. 1995. The first occurrence of a "brittlestar bed" (Echinodermata, Ophiuroidea) in Bohemia (Ordovician, Czech Republic).--Bulletin of the Czech Geological Survey 70(3):17-24. [Vestník Ceskeho geologickeho ustavu] [community of Taeniaster bohemicus; mentions also Strataster ohioensis, Bohemura jahni,

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Asteriacites lumbricalis] [excellent discussion: none regenerating implies low predation rate; maybe a repellent; epifaunal, discriminating suspension feeder; three unique specimens of B. jahni preserved in feeding position: 'frozen' behavior; congregation/aggregation may be commonly implied by string illumination in absence of available cover; inferred obrution deposit]

- Miller, Halsey W. Jr. 1958. A new genus and species of Permian ophiuroid from Kansas. Jour. Paleont. vol. 32, no. 2, pp. 357-361, 4 text-figs. [Ophiuraster burrisi n. gen., n. sp.]
- Miller, Halsey W. Jr. 1963. Ophiuraster Miller, 1958, preoccupied by Ophiuraster Clark, 1939. Jour. Paleont. vol. 37, p. 725. [No substitute name proposed; transfers Ophiuraster burrisi Miller 1958 to Ophiomusium? burrisi n. comb.]
- Miller, Molly F. 1984. Distribution of biogenic structures in Paleozoic nonmarine and marine-margin sequences: an actualistic model. Journal of Paleontology 58(2):550-570. [Asteriacites p. 560, fig. 4D (caption mislabeled 4A) Pennsylvanian, Fentress Formation, Tennessee]
- Miller, Molly F. & Larry W. Knox. 1985. Biogenic structures and depositional environments of a Lower Pennsylvanian coal-bearing sequence, northern Cumberland Plateau, Tennessee, U.S.A. pp. 67-98 In H.A. Curran (ed.) Biogenic structures: their use in interpreting depositional environments. Society of Economic Paleontologists and Mineralogists Special Publication No. 35, 347 pp. [Asteriacites quinquefolis 9cm to 14cm in diameter in the Fentress Formation, Riverton Quadrangle, Tennessee]
- Miller, S. A. 1877. The American Palaeozoic Fossils: A catalogue of the genera and species, with names of authors, dates, places of publication, groups of rocks in which found, and the etymology and signification of the words, and An Introduction devoted to the stratigraphical geology of the palaeozoic rocks. Cincinnati, Ohio. Published by the author, No. 8 W. Third St., Cincinnati Times Company Book and Job Rooms. 245 pp., xv pp. [The Second Edition, published January 1883, is the 1st edition with a supplement of pp. 246-334.] [p. 89: Protaster Forbes, 1849; P. barrisi = Onychaster barrisi; P. forbesi Hall, 1859; P. granuliferus Meek, 1872; P. gregarius Meek & Worthen, 1869; Ptilonaster Hall, 1868 = Palaeocoma; Pt. princeps = Palaeocoma princeps] [p. 91: Schoenaster Meek & Worthen, 1866; S. fimbriatus Meek & Worthen, 1860; (Palaeasterina fimbriatus); S. wachsmuthi Meek & Worthen, 1866; Stenaster Billings, 1858] [p. 92: Stenaster grandis Meek, 1872; S. huxleyi Billings, 1865; S. pulchellus Billings, 1857 (Palaeaster pulchella); S. salteri Billings, 1858; Taeniaster Billings, 1858; T. cylindricus Billings, 1857 (Palaeocrinus cylindrica); T. spinosus Billings, 1857 (Palaeocrinus spinosa)] [p. 287 Protaster flexuosus Miller & Dyer, 1878; P. miamiensis S. A. Miller, 1882; Protasterina Ulrich = Protaster; Protasterina fimbriata Ulrich = Protaster flexuosus] [p. 288: Taeniaster elegans S.A. Miller, 1882]

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- Miller, S. A. 1878. Description of a new genus and eleven new species of fossils. Journ. Cincinnati Soc. Nat. Hist., vol. 1, pp. 100-108, pl. 3.
- Miller, S. A. 1879. Description of twelve new fossil species, and remarks upon others. Journ. Cincinnati Soc. Nat. Hist., vol. 2, pp. 104-118, pls. 9, 10.
- Miller, S. A. 1880. Description of two new species from the Niagara group, and five from the Keokuk group. Journ. Cincinnati Soc. Nat. Hist., vol. 2, pp. 254-259, pl. 15.
- Miller, S. A. 1880. Description of four new species of Silurian fossils. Journ. Cincinnati Soc. Nat. Hist., vol. 3, pp. 140-144, pl. 4.
- Miller, S. A. 1880. Description of four new species and a new variety of Silurian fossils, and remarks upon others. Journ. Cincinnati Soc. Nat. Hist., vol. 3, pp. 232-236, pl. 7.
- Miller, S. A. 1881. Description of some new and remarkable crinoids and other fossils of the Hudson River group. Journ. Cincinnati Soc. Nat. Hist., vol. 4, pp. 69-71, pl. 1.
- Miller, S. A. 1882. Description of two new genera and eight new species of fossils from the Hudson River group, with remarks upon others. Journ. Cincinnati Soc. Nat. Hist., vol. 5, pp. 34-44, pls. 1,2.
- Miller, S. A. 1882. Description of three new species, and remarks upon others. Journ. Cincinnati Soc. Nat. Hist., vol. 5, pp. 116-117, pl. 5. [Protaster miamiensis n. sp., Waynesville, OH]
- Miller, S. A. 1883. The American Palaeozoic fossils: a catalogue of the genera and species, with names of authors, dates, places of publication, groups of rocks in which found, and the etymology and significance of the words, and an introduction devoted to the stratigraphical geology of the Palaeozoic rocks. 2nd edition. (Cincinnati Times Company Book and Job Rooms: Cincinnati). 334p. [2nd edition of S. A. Miller 1877 ; pp. 246-334 are new]
- Miller, S. A. 1884. Description of a beautiful star fish and other fossils. Jour. Cincinnati Soc. Nat. Hist., vol. 7, pp. 16-20, pl. 4.
- Miller, S. A. 1889. North American Geology and Palaeontology for the use of Amateurs, Students, and Scientists. Press of Western Methodist Book Concern, Cincinnati, Ohio. 664 pp., 1194 figs. [Protaster Forbes, 1849, diagnosed, type P. miltoni; P. barrisi = Onychaster barrisi; P. flexuosus; P. forbesi; P. granuliferus; P. gregarius; P. miamiensis; P. stellifer; Protasterina = Protaster; Protasterina fimbriata = Protaster flexuosus; Ptilonaster Hall = Palaeocoma; Ptilonaster princeps = Palaeocoma princeps; Squamaster Ringueberg; Stenaster Billings, 1858, diagnosed, type S. salteri; S. grandis; S. huxleyi;

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S. pulchellus; S. salteri; Taeniaster ...]

- Miller, S. A. 1891. Palaeontology. Preliminary remarks. Advance Sheets, 17th Ann. Rept., Geol. Surv. Indiana, 103 pp., 20 pls. [source Golden & Nitecki 1970: Onychaster asper, O. confragosus, O. demissus; Boonville, Missouri]
- Miller, S. A. 1892. Palaeontology. Seventeenth Rep. Geol. Surv. Indiana, 1892, pp. 611-705, pls. 1-20. [Advance extras, 1891.] [source Golden & Nitecki 1970: Onychaster asper, O. confragosus, O. demissus; Boonville Missouri]
- Miller, S. A. 1892. North American Geology and Palaeontology, Appendix 1.
- Miller, S. A. 1897. North American Geology and Palaeontology, Appendix 2.
- Miller, S. A. and C. B. Dyer. 1878. Contributions to palaeontology. Jour. Cincinnati Soc. Nat. Hist., vol. 1, pp. 24-39, pls. 1, 2. [Palaeaster simplex n. sp.; Palaeasterina speciosa n. sp.; Palaeasterina approximata n. sp.; Protaster flexuosus n. sp.; Palaeaster spinulosus n. sp.]
- Miller, S. A. and C. B. Dyer. 1878. Contributions to palaeontology, No. 2. Privately printed, Cincinnati, OH: 11 pp. [Palaeaster dubius] [Heliophycus considered a junior synonym of Asteriacites by Seilacher (1953); included in A. stelliformis by Osgood (1970)]
- Miller, S. A. and W. F. E. Gurley. 1890. Description of some new genera and species of Echinodermata from the coal measures and subcarboniferous rocks of Indiana, Missouri and Iowa. Published by the authors. 59 pp., 10 pls. [source Golden & Nitecki 1970: Crawfordsville Aganaster gregarius, Aganaster(?) sp.; LeGrand, Iowa, Schoenaster legrandensis]
- Miller, S. A. and W. F. E. Gurley. 1891. Description of some new genera and species of Echinodermata from the Coal Measures and Subcarboniferous rocks of Indiana, Missouri and Iowa. Indiana Dept. Geol. and Nat. Hist., Sixteenth Ann. Rept. Maurice Thompson State Geologist. Edited by S. S. Gorby. 1888. To the Governor. Indianapolis: Wm. B. Burford, Contractor for State printing and binding, 1889. [Note in Yale copy says not issued before November, 1891; printing began in July 1889. Schuchert, 1915, p. 251, says authors' extracts, 1890.] [Aganaster pp. 57, 372; Schoenaster legrandensis n. sp., pl. 9 figs 7,8,9, p. 371; Aganaster n. gen., type Protaster gregarius Meek & Worthen 1869, p. 372, pl. 9, figs 10, 11; Aganaster (?), sp. p. 372, pl. 9 figs 12, 13.]
- Miller, S. A. and Wm. F. E. Gurley. 1895. Description of new species of palaeozoic Echinodermata. Bull. No. 6 of the Illinois State Mus. Nat. Hist., Springfield, Illinois, 62 pp., 5 pls. [FH HAS LOOKED AT THIS BULL AND THERE ARE NO ASTEROZOA IN IT]

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- Miller, S. A. and Wm. F. E. Gurley. 1897. New species of crinoids, cephalopods, and other Palaeozoic fossils. Bull. Illinois State Mus. Nat. Hist., No. 12, 69 pp., + 5 pls. [ref. p. 46 and pl. III fig. 7: Palaeaster wykoffi n.sp., Hudson River Group, near Madison, Indiana] [pp. 61-69 are an index to Bulls. 3-12 inclusive; there are no other entries for asterozoans] [Promopalaeaster wykoffi, source Golden & Nitecki 1970]
- Mistiaen, Bruno. 1988. Trace d'ophiuride dans les gres a Cruziana, Ordovicien Inferieur des montagnes centrales d'Afghanistan. Importance et extension du facies a Cruziana. Geobios, no. 21, fasc. 6, pp. 797-803. [ophiuroid trace fossil at the surface of a quartzitic sandstone bed of Arenig age with ripple marks]
- M'Knight, F. 1888. Abstracts from notes on the Silurian beds of Moonee Ponds. -- Tr. geol. Soc. Austral. I, p. 90 [ZR1894 Silurian Protaster, Australia]
- Mooi, R. 2001. Not all written in stone: interdisciplinary syntheses in echinoderm paleontology. Can. J. Zool. 79:1209-1231. [asteroids, ophiuroids on cladograms] [a very broad paper]
- Mooi, R. & B. David. 2000. What a new model of skeletal homologies tells us about asteroid evolution. American Zoologist 40:326-339.
- Moore, R. C., C. G. Lalicker and A. G. Fischer. 1952. Invertebrate fossils. McGraw-Hill Book Co., New York, 766 pp.
- Moore, R. G., & R. J. Ryan. 1976. Guide to the invertebrate fauna of the Windsor Group in Atlantic Canada.--Nova Scotia Department of Mines [a joint project with the Canada Department of Regional Economic Expansion] Paper 76-5. 57 pp. [p. 5 Fig.1 stratigraphic column - western Minas Sub-Basin, Avon Limestone Member of Upper Windsor Formation] [pl. 7 fig. 9, ophiuroid hypotype no. 2094, aboral view, locality no. 014] [p. 56, locality 014, east bank of Shubenacadie River, near old sawmill, 1.5 miles southeast of Urbania, Harts County] [specimen on exhibit in Dept. of Geology at Acadia University]
- Moore, Ruth and Bill Ratcliffe. 1971. The record in the rocks. Audubon, Jan. 1971, p. 20. [Color photograph of "new species of Hudsonaster".]
- Morière, M. J. 1878. Note sur une astéride fossile nouvelle trouvée dans l'Oxfordien des Vaches-Noires entre Dives et Villers-sur-Mer. Bulletin de la Société Linéenne de Normandie, 3rd series, vol. 2, pp. 3-10. [p. 4 footnote Palasterina in Upper Silurian of Feuguerolles, near Caen] [describes Jurassic Asterias deslongchampsii n. sp.]
- Morris, John. 1854. A catalogue of British fossils comprising the genera and species hitherto described; with references to their geological distribution and to the localities in which

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- they have been found. Second edition, considerably enlarged. London: Printed for and published by the author. 372 pp.
- Morris, Robert W., Harold B. Rollins and Graig D. Shaak. 1973. A new ophiuroid from the Brush Creek Shale (Conemaugh Group, Pennsylvanian) of western Pennsylvania. *Journal of Paleontology*, vol. 47, no. 3, May 1973, pp. 473-478.
- Mortensen, Th. 1927. Handbook of the echinoderms of the British Isles. Humphrey Milford, Oxford University Press. pp. ix + 471. [p. 49: Cambraster and Archegonaster as evidence that phanerozontiate type is more primitive than *Spinulosa*]
- Morzadec, P. and G. Ubaghs. 1969. Ophiurina armoricana n. sp., Ophiuroide nouveau du Devonian Inferieur de la Bretagne. *Annales de Paleontologie (Invertebres)*, t. LV, 1969, fasc. 2, pp. 179-186, pls. A, B.
- Mosher, C.V. and L. Watling. 2009. Partners for life: a brittle star and its octocoral host. *Marine Ecology Progress Series* 397:81-88 [p. 87 Onychasteridae, ancestors of the Asteroschematidae; the ref to A.H. Clark 1908 likely should be to J.M. Clarke 1908]
- Mostler, H. 1971. Mikrofaunen aus dem Unter-Karbon vom Hindukusch. *Geol. Palaont. Mitt. Innsbruck* 1(12):1-19.
- Mourlon, M. 1875. Sur l'etage devonien des psammites du Condroz en Condroz. *Bull. Acad. des Sci. de Belg.*, 1875, 2nd ser., t. xxxix, pp. 658-9. ["asterie" mentioned here is Protaster decheni fide Bather 1899 p. 135, who gives stratigraphic details.] [source: Dewalque, 1899]
- Müller, A. H. 1962. Aus Jahrmillionem. Tiere der Vorzeit. Jena (Fischer Verlag). viii + 409 pp., 290 figs. Echinodermata on pp. 212-250. [Eospondylus; Furcaster; F. palaeozoicus]
- Müller, A.H. 1963. Lehrbuch der Paläozoologie, Vol. 2, Invertebraten, Pt. 3, Arthropoda 2 – Stomochorda. Gustav Fischer Verlag, Jena, 698 pp. [Stelleroidea on pp. 399-456] [Eospondylus fig. 554, p. 416] [Onychaster in Superfamily Euryalicae on p. 422]
- Muller, J. 1855. In Zeiler and Wirtgen. Bermerkungen uber die Petrefacten der altern devonischen Gebirge am Rheine, etc. *Verh. d. naturh. Ver. preuss. Rheinl., etc.*, vol. 12, pp. 1-28, pls. 1-9a.
- Muniz, G. D. B. 1979. Novos ichnofósseis Devonianos da Formação Inajá, no Estado de Pernambuco. *Anais da Academia Brasileira de Ciências* 1:121-132. [not seen]
- Murchison, Roderick Impey. 1854. *Silurica*. The history of the oldest known rocks containing organic remains, with a brief sketch of the distribution of gold over the earth. London:

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John Murray, Albemarle Street. pp. xvi + 523, 37 pls., maps, text-figs.

Mykura, W. and J. D. D. Smith. 1962. In The geology of the neighborhood of Edinburgh. Mem. Geol. Surv. U.K., pp. 10-22. [authors/editors of memoir are G. H. Mitchell & W. Mykura] [1962 = 3rd edition; reprinted in 1980] [p. 15 Gutterford Burn Flagstones] [two starfish-bearing horizons] [upper horizon has Crepidosomea wenlocki WKS, Furcaster leptosoma (Salter), Lepyriactis nudus WKS, Protactis wenlockensis (WKS), Schuchertia wenlocki WKS, Taeniactis wenlocki WKS, Urasterella gutterfordensis WKS] [lower bed has Furcaster leptosoma] [see Peach & Horn 1899 p. 593] [see Lamont]