

May 11, 2016

filename bibs.doc

- Saez, M. D. de 1930. Un nuevo equinodermo fósil argentino. *Revista del Museo de La Plata*. [p. 58 lists Asterias sp., Silúrico]
- Salter, J. W. 1857. On some new Palaeozoic star-fishes. *Ann. Mag. Nat. Hist.*, ser. 2, vol. 20, pp. 321-334, pl. 9.
- Salter, J. W. 1857. Rep. 26th Meet. Brit. Assoc., App. p. 76. [source WKS p. 457]
- Salter, J. W. 1859 (pars) in Murchison, *Siluria* 3rd edit. p. 248 [source WKS pt. 5, p. 219]
- Salter, J. W. 1861. Additional notes on some new Palaeozoic star-fishes. *Ann. Mag. Nat. Hist.*, ser. 3, vol. 8, no. XLVIII, art. XLVIII, pp. 484-486, pl. 18, figs. 9-11.
- Salter, J. W. 1865. *Cat. Foss. Mus. Practical Geology*, p. 30. [see Huxley and Etheridge 1865]
- Salter, J. W. 1866. On the fossils of North Wales, Appendix to Ramsay, A. C., *The geology of North Wales, with map and sections and an appendix on the fossils, with plates. Memoirs Geol. Survey of Great Britain and the Museum of Practical Geology*, vol. iii, pp. 240-381, pls. 1-28. [check also other pagination reports: fig. 8, p. 393, p. 407, p.480] [Botting et al. (2010) give pp. 239-263]
- Salter, J. W. 1873. A catalogue of the collection of Cambrian and Silurian fossils contained in the Geological Museum of the University of Cambridge, with a preface by Adam Sedgwick and a table of genera and index added by Prof. Morris. Cambridge University. pp. xlviii, 204.
- Salter, J. W. and Robert Etheridge Jr. 1881. On the fossils of North Wales by J. W. Salter, A.L.S., F.G.S., &c., late palaeontologist to the Geological Survey. Greatly enlarged and partly re-arranged by Robert Etheridge, F.R.S., F.G.S., Palaeontologist to the Geological Survey, 1880. Appendix to Ramsay, 1881, which see. [p. 364 *Palaeasterina ramsayensis*] [p. 389 *Palaeasterina Kinahani*] [p. 394 *Palaeaster asperrimus*, *P. obtusus*, *P. imbricatus*] [p. 395 *Protaster salteri*] [p. 407 *Palaeaster asperimus*, *P. caractaci*, *P. obtusus*, *P. imbricatus*, *Protaster salteri*, *Tetraster wyville-thomsoni*] [p. 416 *Palaeaster imbricatus*] [p. 418 *Palaeaster obtusus*] [p. 422 *Protaster salteri*] [p. 434 *Palaeaster coronella*] [p. 442 *Palaeaster coronella*] [p. 455 *Bdellacoma vermiformis*] [p. 456 *Lepidaster grayii*, *Rhophalocoma pyrotechnica*] [pp. 463-464 *Palaeaster hirudo*, *P. ruthveni*, *Palaeasterina primaeva*, *Palaeocoma colvini*, *P. cygnipes*, *P. marstoni*, *P. vermiformis*, *Protaster leptosoma*, *P. miltoni*, *P. sedgwickii*, *Rophalocoma pyrotechnica*] [pp. 479-481 descriptions: *Palaeaster obtusus* pl. 23 fig. 1; *Palaeaster asperrimus* pl. 23 fig. 2; *Palaeaster imbricatus* pl. 23 fig. 8; *Protaster? (Taeniaster) salteri* pl. 23 fig. 3;

May 11, 2016

Palaeasterina ramseyensis]

- Salter, J. W. and J. de C. Sowerby. 1845. In Sedgwick, On the older Palaeozoic (Proterozoic) rocks of North Wales. Quart. Journ. Geol. Soc. Lond., vol. 1, pp. 5-22, tables I-III, folding map. [note to FH: describe the part (p. 20) that is theirs - appendix to paper - list of known fossils]
- Sanchez, T. M. 1983. A new Permian ophiuroid, Archophiomusium andinum nov. sp. from western Venezuela. Geobios, Lyon 16(1):103-107, illustr. [ZR 1983] [Palmarito Fm] [5mm disk dia max, 2.5 mm min] [paratype with 4 mm disk dia and 12 mm long complete arm] [N = 14] [near Carache, northern Merida Andes, State of Trujillo]
- Sanchez, T. M. 1984. Étude paléoécologique du Paléozoïque supérieur dans le Nord des Andes du Vénézuéla. Esquisse systematique des mollusques bivalves. Collection "Biostratigraphie du Paléozoïque". Université de Bretagne Occidentale, Brest. 2:1-165. [Archaeophiomusium andinum, Palmarito Fm., Loma de San Juan, near Carache] [pp. 122-124 communauté à Archaeophiomusium] [pp. 132, 146, plate 12 fig. 3]
- Sandberger, G. and F. 1855. Die Versteinerungen des rheinischen Schichtensystems in Nassau. Verst. d. rheinischen Schicht.
- Santos, M. E. C. M. & V. A. Campanha. 1970. Bióglifos da Formação Inajá Devoniano de Pernambuco. Anais da Academia Brasileira de Ciências 42:739-746. [source Mángano et al. 1999]
- Sardeson, F. W. 1928. Most primitive of starfishes. Pan-American Geologist 49(1):58-59.
- Sardeson, F. W. 1928. Star-fish beginnings and Protopalaeaster. Pan-American Geologist 49:99-110.
- Sass, D.B., T. R. Alderfer and R. A. Condrate. 1977. The Alfred Shale: a new look at an old starfish bed [abstract]. p. 11 in Program with Abstracts, 1977 Eastern Canada Paleontology and Biostratigraphy Seminar, October 21, 22 1977, University of Waterloo, Waterloo, Ontario. [Geol.Assoc. Canada Meeting] [Furcaster leptosoma det FHCH for DBS][see also Eller 1935]
- Sass, Daniel B. and Robert A. Condrate. 1985. Destruction of a Late Devonian ophiuroid assemblage: a victim of changing ecology at the Catskill delta front. pp. 237-246. In Geological Society of America Special Paper 201.
- Schäfer, Wilhelm. 1972. Ecology and palaeoecology of marine environments. Translated by Irmgard Oertel; edited by G. Y. Craig. The University of Chicago Press, 568 pp. [Part C Death, disintegration and burial, section II Echinodermata, on pp. 91-104] [ophiuroida

May 11, 2016

locomotion pp. 210-212] [on resting traces of asteroidea and ophiuroidea p. 384]

- Schallreuter, R. and I. Hinz-Schallreuter. 2008. Pedicellarien von Seesternen aus ordovizischen Geschieben. Starfish pedicellariae from Ordovician erratics. Geoschiebekunde Aktuell 24(3):69-77. [source GeoRef] [*Bursulella*-type pedicellarie; Upper Ordovician erratics, Gotland]
- Schmidt, W. E. 1907. Die Fauna der Siegener Schichten des Siegerlands, wesentlich nach den Aufsammlungen in den Sommern 1905 und 1906. Berlin Jahrb. Geol. Landesanst. vol. 28, 1907 (429-465). [ZR 1909; Silurian Siegerlandes, Crinoidea, Asteroidea]
- Schmidt, W. E. 1930. Die Echinodermen des deutschen Unterkarbons.--Abh. preuss. geol. L-Anst., N.F., 122:1-92, 20 Abb., 3 Taf.; Berlin [source Haude 1982] [p. 71 brief mention of undetermined diminutive Asterozoa from Kulm-Kieselkalk bei Richstein, Mbl. Laasphe]
- Schmidt, W. E. 1941. Die Crinoideen des Rheinischen Devons. II. Tiel. A. Nachtrag zu: Die Crinoideen des Hunsrückschiefers. B. Die Crinoideen des Unterdevons bis zur Cultrijugatus-Zone (mit Ausschluss des Hunsrückschiefers). Abhandlungen der Reichsstelle für Bodenforschung (formerly Abh. preuss. geol. LdAnst.) 182 (1942 for 1941) pp. 1-253, figs. 1-62, pls. i-xxvi. [ZR1944 Ophiurella primigenia pl. iii fig. 1a (pars)] [Urasterella asperula pl. ii fig. 2 (pars)] [in plate captions but not in text] [figs of stelleroids lack detail]
- Schmidt, W. E. 1944. Ophiaulax decheni (Dewalque), ein Schlangensterne in den Angestal-Schichten des Blattes Kettwig (Ruhrgebiet). Zeitsch. deutsch. geol. Ges., vol. 96, pp. 170-175.
- Schneider, C.L., J. Sprinkle and D. Ryder. 2005. Pennsylvanian (Later Carboniferous) echinoids from the Winchell Formation, north-central Texas, USA. Journal of Paleontology 79(4):745-762. [pp. 745-746 mention co-occurring unidentified asteroid]
- Schöndorf, F. 1907. Ueber einen fossilen Seestern Spaniaster latiscutatus Sandb. spec. aus dem Naturhistorischen Museum zu Wiesbaden. Jahrb. nassauisch. Ver. Naturk., Wiesbaden, vol. 60, pp. 170-176, 3 text-figs.
- Schöndorf, F. 1907. Ueber Archaeasterias rhenana Joh. Müller und die Porenstellung paläozoischer Seesterne. Centralb. f. Mineral., etc., pp. 741-750, 6 text-figs.
- Schöndorf, Friedrich. 1908. Verzeichnis der im Naturhistorischen Museum zu Wiesbaden befindlichen Originale. Abteilung für Geologie und Paläontologie. 2. Originale zu G. et F. Sandberger, Die Versteinerungen des rheinischen Schichtensystems in Nassau. Wiesbaden 1850-1856. Wiesbaden Jahrb. Ver. Natk. 61:39-71. [ZR 1910]

May 11, 2016

- Schöndorf, Friedrich. 1908. Aspidosoma Schmidti nov. spec. Der erste Seesterne aus den Siegener Schichten. Berlin Jahrb Geol Landesanst vol. 29, 1908, pp. 698-708, pl. [ZR 1909] [Jahrb. preuss. geol. Landesanst., Berlin] [source Schuchert p. 243; WKS p. 430]
- Schöndorf, F. 1909. Paläozoische Seesterne Deutschlands. I. Die echten Asteriden der rheinischen Grauwacke. Palaeontographica, vol. 56, pp. 37-112, text-figs, pls. 7-11.
- Schöndorf, F. 1909. Die Asteriden des russischen Karbon. Palaeontographica, vol. 56, pp. 323-338, text-fig., pls. 23-24. [McKnight 1977 says vol. 45]
- Schöndorf, F. 1909. Die fossilen Seesterne Nassaus. Jahrbücher des Nassauischen Vereins für Naturkunde, Wiesbaden, vol. 62, pp. 7-46, text-figs., pls. 2-5. [listed in Reich 2004]
- Schöndorf, F. 1909. Organization und Aufbau der Armwirbel von Onychaster. Jahrb. nassauisch. Ver. f. Naturk., Wiesbaden, vol. 62, pp. 47-63, pl. 6.
- Schöndorf, F. 1910. Ueber einige "Ophiuriden und Asteriden" des englischen Silur und ihre Bedeutung für die Systematik paläozoischen Seesterne. Jahrb. nassauisch. Ver. f. Naturk., Wiesbaden, vol. 63, pp. 206-256, text-figs.
- Schöndorf, F. 1910. Paläozoische Seesterne Deutschlands. II. Die Aspidosomatiden des deutschen Unterdevon. Palaeontographica, vol. 57, pp. 1-63, pls. 1-3.
- Schöndorf, F. 1910. Aspidosoma schmidti nov. spec. Der erste Seesterne aus den Siegener Schichten. Jahrb. k. preuss. geol. Landesanst. und Bergakad., Berlin, vol. 29, pt. 1, pp. 698-708, 1 pl. [check date ... see Schondorf 1908]
- Schöndorf, F. 1913. Palaeaster eucharis Hall aus dem nord-amerikanischen Devon. Jahrb. nassauisch. Ver. Naturk., Wiesbaden, vol. 66, pp. 87-96, text-figs. 1, 2, pl. 3, figs. 1, 2.
- Schöndorf, F. 1913. Ueber Onychaster, einen Schlangensterne aus dem Karbon. Jahrb. nassauisch. Ver. f. Naturk., Wiesbaden, vol. 66, pp. 97-116, text-figs. 1, 2, pl. 3, figs. 3-12.
- Schöndorf, F. 1915. Lapworthura Hüffneri nov. spec.--In: Hüffner, E.: Beiträge zur Kenntnis des deutschen Culms.--Jb. kgl. preuss. geol. L.-Anst., 35, T1.1 (f. 1914):496-499, Taf. 19, Fig. 8; Berlin. [source Haude 1982]
- Schöndorf, F. 1933. Xenura koboldi (n. gen., n.sp.) Schöndorf. Pp. 507-508 + pl. 23 fig. 49. In Kobold, A. Die Gliederung des Oberharzer Kulms nach Goniatiten. Stratigraphische Beobachtungen im Kulm des nordwestlichen Oberharzes unter besonderer Berücksichtigung der Grauwacken.--Jb. preuss. geol. L.-Anst. (for 1932) 53:450-515,

May 11, 2016

Berlin. [Ob. Grauw. (III Γ,2), in dem Steinbruch im Gr. Steinkertal/Neuekrug] [source Hahn & Brauckmann 1981]

Schöpfung and Geschenk. 1980. Fossilien im Bundenbacher Schiefer. 50 pp. [not seen] [1980 is second enlarged edition] [1967 edition was 36 pp]

Schuchert, Charles. 1897. in Whiteaves 1897 [Taeniaster sp., Lake Winnipeg]

Schuchert, Charles. 1903. The I. H. Harris collection of invertebrate fossils in the United States National Museum. American Geologist 31(March):131-135 + pl. 11. [p. 132 Harris deliberately sought starfishes, resulting in about 50 specimens collected]

Schuchert, Charles. 1905. Catalogue of the type and figured specimens of fossils, minerals, rocks and ores in the Department of Geology, United States National Museum. Prepared under the direction of George P. Merrill, head curator of geology. Section I. Catalogue of the type specimens of fossil invertebrates in the Department of Geology, United States National Museum. By Charles Schuchert, assisted by W. H. Dall, T. W. Stanton, and R. S. Bassler. Bulletin of the USNM No. 53, Part I, 704 pp. [lists many Asterozoa types but not all] [Protaster miamiensis Miller cotypes USNM 40886] [Taeniaster elegans Miller cotypes USNM 40878] [others]

Schuchert, Charles. 1914. Stelleroidea palaeozoica. Fossilium Catalogus I: Animalia, F. Frech, editor, pars. 3, 53 pp., W. Junk, Berlin.

Schuchert, Charles. 1915. Revision of Paleozoic Stelleroidea with special reference to North American Asteroidea. Smithsonian Institution, United States National Museum Bull. 88, 311 pp., 38 pls., 41 figs.

Schuchert, Charles. 1943. Stratigraphy of Eastern and Central U.S. (book). [On p. 74 Jerusalem Hill, N.Y., Hallaster]

Schumacher, G. A. 1984. Sedimentology, biostratigraphy, and paleoecology of Cincinnati (Upper Ordovician) Iocrinus subcrassus crinoid (Echinodermata) assemblages. Master of Science Thesis, Department of Geology, University of Cincinnati. [Waynesville Fm; p. 120 Franklin County, Indiana; Promopalaaster finei, Promopalaaster sp., Taeniaster spinosus]

Schumacher, G. A. & W. I. Ausich. 1983. New Upper Ordovician echinoderm site: Bull Fork Formation, Caesar Creek Reservoir (Warren County, Ohio). Ohio J. Science 83(1):60-64, illustr.. [ZR 1983] [stelleroids Kenothecaster sp. and (?) Petraster sp.] [see also Ausich & Schumacher 1980] [Kenothecaster is a nomen nudum from Branstrator's unpublished thesis]

May 11, 2016

- Scudder, Samuel H. 1882. Nomenclator Zoologicus. An alphabetical list of all generic names that have been employed by naturalists for recent and fossil animals from the earliest times to the close of the year 1879. In two parts: I. Supplemental List, II. Universal Index. USNM Bull. 19, pp. xix, 376 pp. & 340 pp.
- Schwarzbach, M. 1939. Ein Schlangensterne aus dem oberschlesischen Steinkohlengebirge, pp. 25-27, 1 fig. In Karbon-Studien VIII. - Jahresberichte der Geologischen Vereinigung Oberschlesiens, 1939. [source V. Petr 10/28/94] [the following remarks kindly supplied by V. Petr: poorly preserved specimens of ophiuroids from "Gleiwitzer Grube, Gleiwitz" ("... aus einen der marinen Horizonte IV bis XI und aus Ostrauer Schichten - unt. Oberkarbon, Namur") "Systematische Bestimmung nicht möglich"! (Ostrauer Schichten = ostravske vrstvy = Ostrava beds - after Ostrava in Moravia, Czech Republic, but locality "Gleiwitz" means German name for the present Gliwice in Poland!)]
- Schwarzbach, M. & F. Zimmermann. 1936. Ophiuren aus dem Waldenburger Kulm (Silesiaster longivertebralis n., n.sp.).--Zbl. Mineral. Geol. Paläont., 1936, B(10):438-444, Abb. A-B; Stuttgart. [NOT SEEN] [source Hahn & Brauckmann 1981]
- Sedgwick, A. 1845. On the older Palaeozoic (Proterozoic) rocks of North Wales. Quart. Journ. Geol. Soc. London, vol. I, pp. 5-22, text-figs, Tables I-III, map.
- Seilacher, A. 1953. Studien zur Palichnologie, II. Die fossilen Ruhespuren (Cubichnia). Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen 98(1):87-124. [Asteriacites lumbricalis synonymy includes Ord, Sil, Carb][A. quinquefolius in Mesozoic but fh notes similarity with Ruedemann 1916 p. 37 figs 12, 13]
- Seilacher, A. 1960. Strömungsanzeichen im Hunsrückschiefer. Hesse. Landesamt. f. Bodenforschung Notizblatt 88:88-106 + pls. 12-13. [analysis of alignments, postures, drag marks, somersaults, etc. of stelleroids] [Euzonosoma tischbeinianum, Furcaster, Medusaster]
- Seilacher, A. 1964. Biogenic sedimentary structures. Pp. 296-316 In J. Imbrie & N. Newell (eds.) Approaches to paleoecology. John Wiley & Sons, Inc. NY. viii + 432 pp. [Fig. 7, Cruziana Facies, Asteriacites in Silurian Clinton Gr., NY (based on Albany Museum) and Ordovician Cincinnati, Ohio] [FH comment: for likely source see Ruedemann 1916 p. 37 starfish impression, Clinton ss, Clinton, NY; also Heliophycus stelliforme Miller & Dyer, Hudson River Group]
- Seilacher, A. 1973. Biostratinomy: the sedimentology of biologically standardized particles. pp. 159-177 [chapt. 6] in R. N. Ginsburg (ed.) Evolving concepts in sedimentology, The Johns Hopkins University Press, 191 pp. [p. 162 + Fig. 4 on p. 165 refers to Bundenbach starfishes, orientations and counterorientations as "stages in a unidirectional rolling transport, during which the arms are subsequently turned over the body or dragged

May 11, 2016

underneath” and “The probability of preserving each position would depend on its average residence time within this movement.”

- Seilacher, A. 1983. Upper Paleozoic trace fossils from the Gilf Kebir-Abu Ras area in southwestern Egypt. *Journal of African Earth Sciences* 1:21-34. [*Asteriacites gegelhupf*] [probably lower Carboniferous]
- Selden, Paul, and John Nudds. 2004. *Evolution of fossil ecosystems*. The University of Chicago Press. 160 pp. [fig. 49, 58 *Helianthaster rhenanus*; fig. 57 *Palaeosolaster gregoryi*; fig. 59 *Furcaster palaeozoicus*; fig. 60 *Encrinaster roemeri*; Hunsrück Slate]
- Selden, Paul, and John Nudds. 2012. *Evolution of fossil ecosystems*. Second edition. Elsevier. 288pp. ISBN 978-0-12-404629-0. { [p. 57 platyceratid gastropod possibly a commensal coprophage on starfish] [p. 61 *Bdellacoma*] in Herefordshire nodules } { [p. 65, fig. 87 *Helianthaster rhenanus*; pp. 68-69 figs 96-99, *Palaeosolaster gregoryi*, *H. rhenanus*, *Furcaster palaeozoicus*, *Encrinaster roemeri*] p. 73 asteroids, ophiuroids = vagrant epifauna, Hunsrück Slate }
- Sepkoski, J.J., Jr. 1981. A factor analytic description of the Phanerozoic marine fossil record. *Paleobiology* 7(1):36-53. [spindle diagrams of number of families at class-level include Stellerioidea (fig. 1)] [Stellerioidea score >0.1 in Paleozoic fauna and Modern fauna (Q-mode factor analysis rotated eigenvectors)]
- Sepkoski, J. John, Jr. 1982. A compendium of fossil marine families. Milwaukee Public Museum Contributions in Biology and Geology, No. 51, 125 pp. [Stellerioidea on pp. 84-85 based on the Kansas Treatise Pt. U, and W. B. Harland, et al. eds. 1967 *The Fossil Record*, Geol. Soc. London, 828 pp.]
- Sepkoski, J. John, Jr. 1992. A compendium of fossil marine animal families, 2nd edition. Milwaukee Public Museum Contributions in Biology and Geology. No. 83, 156 pp. [Asterozoa on pp. 95-97; significant updating with references]
- Sepkoski, J. John, Jr. 2002. A compendium of fossil marine animal genera. [D. Jablonski & M. Foote (eds)] *Bulletins of American Paleontology* No. 363, 560 pp. [Asterozoa on pp. 274-277]
- Sequeira Fernandes, A. C., L. Borghi, I. Souza Carvalho & C. J. de Abreu. 2002. *Gui dos Icnofósseis de Invertebrados do Brasil*. Editora Interciencia. 255 pp. [*Asteriacites*; Devonian; Inajá Formation of the Jatobá basin; Pimenteira and Longá Fms of the Parnaíba basin] [fide SEPM ms of Rodríguez, Pazos & Aguirre-Urreta]
- Shackelton, J.D. 2005. Skeletal homologies, phylogeny and classification of earliest asterozoan echinoderms. *Journal of Systematic Palaeontology* 3:29-114.

May 11, 2016

- Shidler, W.H. 1916. The Ordovician-Silurian boundary. *The Ohio Journal of Science* 16(8):329-335. [p. 331 *Hudsonaster incomptus*, *Mesopalaeaster shaafferi* pass from the Maysville into the Richmond]
- Shideler, W. H. 1995. The Richmond Group of the Cincinnati Province, an unpublished manuscript edited by J. H. Marak. -- State of Ohio, Department of Natural Resources, Division of Geological Survey, Open-File Report 95-1, 96 pp. [*Alepidaster miamiensis*, *Hudsonaster incomptus*, *Promopalaeaster granulatus*, *P. magnificus*, *Urasterella graandis*]
- Shimer, H. W. and R. R. Shrock. 1944. Index Fossils of North America, a new work based on the complete revision and reillustration of Grabau and Shimer's "North American Index Fossils". Technology Press, Massachusetts Institute of Technology; New York, John Wiley & Sons, Inc.; London, Chapman & Hall, Ltd. pp. ix, 837, pls. 303.
- Shroat-Lewis, R. and P.H. Kelley. 2007. Up in arms; environmental factors contributing to arm disarticulation in an ophiuroid mass mortality bed in the Tirabuzon Formation, Baja California Sur [abstract]. Abstracts with Programs, Geological Society of America, 39(6):399-400. [the information may apply also to the Paleozoic (fhch)]
- Shumard, B. F. 1868. A catalogue of the Palaeozoic fossils of North America. *Trans. Acad. Sci. St. Louis*, vol. 2, pp. 334-407.
- Simms, M. J. 1993. Class Ophiuroidea Gray, 1840. pp. 525-526 In M. J. Benton (Ed.), *The Fossil Record 2*. Chapman & Hall, London. 845 pp.
- Simonovitsch, S. 1871. Ueber einige Asteroiden der rheinischen Grauwacke. *Sitz. d. mat.-naturw. Classe Akad. Wiss., Wien*, vol. 64, Abt. 1, pp. 77-122, pls. 1-4.
- Simpson, Scott. 1940. Das Devon der Südost-Eifel zwischen Nette und Alf. *Stratigraphie und Tektonik mit einem Beitrag zur Hunsrückschiefer-Frage. Abhandlungen der Senckenbergischen Naturforschenden Gesellschaft* 447:1-81. [p. 60 *Spaniaster latiscutatus* locality, Saxler Schichten]
- Sinclair, G. Winston. 1954. The age of the Ordovician Kirkfield Formation in Ontario. *The Ohio Journ. Sci.*, vol. 54, no. 1, pp. 31-41, figs. 1-3.
- Siveter, David J. 2000. The Ludlow Series. Pp. 325-426 in R.J. Aldridge, David J. Siveter, Derek J. Siveter, P.D. Lane, D. Palmer, and N.H. Woodcock. 2000. *British Silurian Stratigraphy. Geological Conservation Series, Joint Nature Conservation Committee, Peterborough, UK.* 529+ pp. [p. 357 starfish beds, Church Hill Quarry; p. 361 Mocktree Quarries] [fig. 5.30 *Sturtzaster marstoni* slab]

May 11, 2016

- Sladen, W. Percy. 1889. Report on the Asteroidea collected by H.M.S. Challenger during the years 1873-1876. Report on the Scientific Results of the Voyage of H.M.S. Challenger during the years 1873-76. Zoology - vol. 30, 893 pp. + 117 plates + 1 map. [WKS p. 447 says Sladen compares Hymenaster with Loriolaster: see page 492 of Sladen]
- Sloan, R. E. (editor). 1987. see Kolata, Brower & Frest 1987.
- Smith, Andrew B. [many papers ... see FH files]
- Smith, A. B. 1984. The Lower Palaeozoic echinoderms (Cystoidea, Homalozoa, Stelleroidea, Crinoidea) from the Toledo Mountains and Sierra Morena (Spain). III: Ophiuroidea (Asterozoa) from the Lower Llanvirn of the Toledo Mountains (central Spain). -- *Estudios geol.* 40:440-443, 452-453 (pl. 5). [Palaeura neglecta var hispanica n.var.; P. neglecta var. bohémica n.var.][strong similarity of juvenile P. neglecta and Urosoma; suggests Urosoma might have evolved from Palaeura through developmental heterochrony] [also indet sp. juv; also indet encrinasterids] [Lower Llanvirn] [see Gutierrez-Marco et al. 1984] [see Chauval & Meléndez 1978] [Boczarowski (personal communication 2005) sees similarities of Palaeura lateral plates in this Smith paper with Umerophiura laterals. Boczarowski (2001) assigned Umerophiura to the family Palaeuridae]
- Smith, A. B. 1984. Classification of the Echinodermata. -- *Palaeontology* 27(3):431-459. [p. 438 position of ophiuroids in relation to other echinoderms][p. 447 eleutherozoan madreporite; adamb homologies][p. 449 *Cryptosyringida* nov. superclass][p. 457 his classification][p. 458 “the phylogeny of primitive ‘starfish’ has yet to be unravelled satisfactorily”]...
- Smith, A. B. 1985. Cambrian eleutherozoan echinoderms and the early diversification of edrioasteroids. -- *Palaeontology* 28(4):715-756. [p. 726 mode of life of Stromatocystites, Cambraster unattached, oral side up][p. 733 “Having interradial mouth frame elements formed by fusion of proximal ambulacral flooring plates is an important shared derived character that unites Totiglobus, Cambraster, edrioasteroids, cyathocystids, and probably pyrgocystids but which is not found in Stromatocystites or primitive asteroids and ophiuroids”][text-figs. 4 & 5: centrodorsal/large central plate in S. walcotti, S.pentangularis]
- Smith, A. B. 1985. [Asteroidea, Ophiuroidea] pp. 180-181 in J. W. Murray (ed.) *Atlas of Invertebrate Macrofossils*. Longman [for The Palaeontological Association]. [Archegonaster, Cnemidactis, Euzonosoma, Eospondylus]
- Smith, A. B. 1988. Fossil evidence for the relationships of extant echinoderm classes and their times of divergence. pp. 85-97, pls. 7.1-7.3 In C. R. C. Paul and A. B. Smith (eds.) *Echinoderm phylogeny and evolutionary biology*, Clarendon Press, Oxford. [important paper; cladograms; Camptostroma, Stromatocystites, Cambraster, Archegonaster,

May 11, 2016

Uranaster, Petraster, Platanaster, Villebrunaster, Pradesura, Eophiura, Palaeura, Siluraster][heavily plated tube feet in Gillocystis, Bothriocidaris, Eophiura, Villebrunaster, Siluraster][p. 94 the asteroid, echinoid and crinoid crown groups each underwent a great divergence near the Permo-Triassic boundary -- “From what little I know of the ophiuroids, the same seems likely true for this group also”]

- Smith, A. B. 1988. Patterns of diversification and extinction in early Palaeozoic echinoderms. -- *Palaeontology* 31(3):799-828. [p. 801 starfish bed Lagerstätten][p. 804 Lazarus taxa show missing fossil record by more than 2 to 1][Table 3 p. 812-813. Arenig France:Chinianaster levyi, Villebrunaster thoralis, Pradesura jacobi; Wales Petraster ramseyensis][characters: 6 pentaradial symmetry; 49-63 for primitive eleutherozoan groups; 58 loss of anus; 59 stellate body form: vagile, living mouth downwards; 61 virgalia][text-fig. 9 p. 821 gives stratigraphic distribution and phylogenetic relations; Cambraster ancestral to asterozoans; Stromatocystites ancestral to Cambraster]
- Smith, A.B. 1998. What does paleontology contribute to systematics in a molecular world? *Molecular Phylogenetics and Evolution* 9(3):437-447. [p. 443 *Strataster* so perfectly preserved that virtually all skeletal characters could be scored unambiguously]
- Smith, A. B. 1990. Biomineralization in echinoderms. Chapter 17 (pp. 413-443) in J.G. Carter (editor), *Skeletal biomineralization: patterns, processes and evolutionary trends*. Vol. 1. Van Nostrand Reinhold, New York. [p. 418 c-axis generally parallel to the arm in ophiuroids] [stereome architecture in ophiuroids Fig. 6 + pp. 442-443 + pp. 427-428] [p. 431 growth banding in ophiuroid vertebrae; growth pattern of vertebrae] [Fig. 10A, G diagrams of *Astrophyton* + *Acrocnida* vertebrae] [p. 438 + Fig. 13 *Taeniaster spinosa* Billings ossicles from Spy Wood Grit, Rorrington, Shropshire, UK]
- Smith, A. B. and P. A. Jell. 1990. Cambrian edrioasteroids from Australia and the origin of starfishes. *Memoirs of the Queensland Museum*, vol. 28, no. 2, pp. 715-778. [detailed redescription of Archegonaster pentagonus Spencer, 1951, on pp. 753-770 with many photos and drawings; discussions of plate homologies and of phylogeny; a very significant paper]
- Smith, A. B., G. L. J. Paterson and B. Lafay. 1995. Ophiuroid phylogeny and higher taxonomy: morphological, molecular and palaeontological perspectives. -- *Zoological Journal of the Linnean Society* 114:213-243. [Strataster, Ophiocanops, etc.][characters of vertebrae]
- Smith, A. B., and M. Reich. 2013. Tracing the evolution of the holothurian body plan through stem-group fossils. *Biological Journal of the Linnean Society* 100:670-681. [data matrix includes *Archegonaster*, *Palaeura* (p. 671, 681) which lack plated tube feet (character 22) --- no mention of *Eophiura*, *Villebrunaster*, *Siluraster*, with plated tube feet (see Smith 1988)]

May 11, 2016

- Sollas, I. J. B. 1913. On Onychaster, a Carboniferous brittle-star. Philos. Trans. Roy. Soc. London, ser. B, vol. 204, pp. 51-62, text-figs. 1-5, pls. 8,9.
- Sollas, W. J. 1899. Fossils in the University Museum, Oxford. I. On Silurian Echinoidea and Ophiuroidea. Quart. Jour. Geol. Soc. Lond., vol. 55, pp. 692-715, 16 figs. [Abstract appeared in The Geological Magazine, new series, decade IV, vol. VI, no. VI, June 1899, pp. 277-278.]
- Sollas, W. J. and I. B. J. Sollas. 1912.. Lapworthura: a typical brittle-star of the Silurian age. Philos. Trans. Roy. Soc. London, ser. B, vol. 202, pp. 213-232, text-figs. 1-5, pls. 9, 10.
- Spencer, J. W. 1884. Niagara fossils, Pt. 3. Bull. Mus. Univ. Missouri, no. 1, pp. 52-61, pls. 7, 8.
- Spencer, W. K. 1904. On the structure and affinities of Palaeodiscus and Agelacrinus. Proc. Roy. Soc. vol. 74, pp. 31-46 & pl. I, 12 figs. [check to see if relations to Asterozoa discussed]
- Spencer, W. K. 1914. A monograph of the British Palaeozoic Asterozoa, Part. I, pp. 1-56, pl. I, text-figs. 1-31. Palaeontographical Society for 1913.
- Spencer, W. K. 1916. A monograph of the British Palaeozoic Asterozoa, Part. II, pp. 57-108, pls. II-V, text-figs. 32-63. Palaeontographical Society for 1915.
- Spencer, W. K. 1918. A monograph of the British Palaeozoic Asterozoa, Part. III, pp. 109-168, pls. VI-XIII, text-figs. 64-112. Palaeontographical Society for 1916.
- Spencer, W. K. 1919. A monograph of the British Palaeozoic Asterozoa, Part. IV, pp. 169-196, text-figs. 113-138. Palaeontographical Society for 1917.
- Spencer, W. K. 1922. A monograph of the British Palaeozoic Asterozoa, Part. V, pp. 197-236, pls. XIV-XVII, text-figs. 139-171. Palaeontographical Society for 1920.
- Spencer, W. K. 1925. A monograph of the British Palaeozoic Asterozoa, Part. VI, pp. 237-324, pls. XVIII-XXII, text-figs. 172-212. Palaeontographical Society for 1922.
- Spencer, W. K. 1927. A monograph of the British Palaeozoic Asterozoa, Part. VII, pp. 325-388, pls. XXIII-XXIV, text-figs. 213-248. Palaeontographical Society for 1925.
- Spencer, W. K. 1929. The starfish of the Scottish Palaeozoic Beds. -- Reports of the British Association, Glasgow, 1928:550, 567, 655.
- Spencer, W. K. 1930. A monograph of the British Palaeozoic Asterozoa, Part. VIII, pp.

May 11, 2016

- 389-436, pls. XXV-XXVIII, text-figs. 249-280. Palaeontographical Society for 1928.
- Spencer, W. K. 1934. A monograph of the British Palaeozoic Asterozoa, Part. IX, pp. 437-494, pls. XXIX-XXXII, text-figs. 281-321. Palaeontographical Society for 1933.
- Spencer, W. K. 1934. Un Ophiuroide du calcaire carbonifere du Boulonnais. Ann. Soc. Geol. Nord., Annales LIX, pp. 187-191, pl. VI.
- Spencer, W. K. 1935. Besprechung von R. v. Koenigswald: Die Arten der Einregelung usw. (1930). Zentralblatt für Mineralogie, Geologie und Palaontologie 7:228. [source: Schwartzbach & Zimmermann 1936]
- Spencer, W. K. 1938. Some aspects of evolution in Echinodermata. pp. 287-302 in G. R. de Beer, Evolution, essays presented to E. S. Goodrich.
- Spencer, W.K. 1938. The distribution and migration of certain animal groups in the British Lower Palaeozoic Fauna. 4. The starfishes and cystids. Rep. Brit. Assoc. Adv. Sci. London 108:415. [ZR for 1938]
- Spencer, W. K. 1940. A monograph of the British Palaeozoic Asterozoa, Part. X, pp. 495-540, pls. XXXIII-XXXVII, text-figs. 322-348. Palaeontographical Society for 1940.
- Spencer, W. K. 1950. Asterozoa and the study of Palaeozoic faunas. The Geological Magazine, vol. LXXXVII, no. 6, pp. 393-408.
- Spencer, W. K. 1950. A new brittle-star and a eurypterid from the Bokkeveld strata. S. Afr. J. Sci., Johannesburg, vol. 46, June 1950, pp. 300-301, figs. 1-6.
- Spencer, W. K. 1951. Early Palaeozoic starfish. Phil. Trans. Roy. Soc. London, ser. B, vol. 235, no. 623, pp. 87-120, pls. 2-8, text-figs. 1-28.
- Spencer, W. K. and Theodore Groom. 1934. Starfish from the Welsh Borderland. The Geological Magazine, vol. LXXI, no. 839, pp. 231-236, pl. XII, fig. 1.
- Spencer, W. K. and C. W. Wright. 1966. Asterozoans, pp. U4-U107, text-figs. 1-89, in Treatise on Invertebrate Paleontology, R. C. Moore editor, Part U, Echinodermata 3, Lawrence, Kansas, Univ. Kansas Press and Geol. Soc. America.
- Springer, Frank. 1911. On a Trenton echinoderm fauna at Kirkfield, Ontario. Canada Dept. Mines, Geol. Survey Branch, Memoir 15-P, Ottawa, 68 pp., 5 pls., 3 text-figs. [Stenaster salteri, ?Taeniura cylindricus, Petraster rigidus, Protaster whiteavesianus]
- Sprinkle, James. 1971. Stratigraphic distribution of echinoderm plates in the Antelope Valley

May 11, 2016

Limestone of Nevada and California. USGS Prof. Paper 750-D, pp. 89-98. [starfish ossicles described and figured; early Middle Ordovician age]

Sprinkle, James. 1980. An overview of the fossil record. University of Tennessee, Department of Geological Sciences, Studies in Geology 3:15-26. ["Echinoderms: notes for a short course" T. W. Broadhead & J. A. Waters (eds.) at GSA in Atlanta, GA November 1980]

Sprinkle, James. 1992. Radiation of Echinodermata. Chapter 11 in Jere H. Lipps and Philip W. Signor (eds) Origin and Early Evolution of the Metazoa, Plenum Press, New York, pp. 375-398. [p. 377: "No echinoderm herbivores, carnivores, or deep infaunal deposit feeders are known from the Cambrian. Herbivores such as regular echinoids and perhaps ophiocistioids and carnivores such as asteroids, ophiuroids, and some regular echinoids first appeared in the Early or Middle Ordovician, and deep-burrowing, deposit-feeding holothurians and irregular echinoids did not evolve until much later in the Late Paleozoic or Early Mesozoic."] [p. 393: reservations about some homologies proposed by Derstler and by Paul & Smith: whether brachioles derive from aligned cover plate sheets; terminal arm vs terminal brachiole in Lepidocystis.]

Sprinkle, James & Thomas E. Guensburg. 1993. Appendix D: Echinoderm biostratigraphy. Pp. 61-63 + plate 3 [Appendix D to Chapter B] in: Michael E. Taylor, ed. Paleozoic biochronology of the Great Basin, western United States. U.S. Geological Survey Open-File Report 93-598. [total pagination 75 pp.] [Protopalaeaster starfish; from plate 3 looks like it is from the Whiterockian Kanosh Shale; refers to Wilson et al. 1992, table 2; refers to Blake & Guensburg 1993 p. 112 fig. 1.6]

Sprinkle, James & Thomas E. Guensburg. 1993. Between evolutionary faunas: comparison of Late Cambrian and Early Ordovician echinoderms and their paleoenvironments. Abstract. GSA Abstracts with Programs, 25(5)149. [major differences and major gap between Cambrian Evolutionary Fauna and the Paleozoic Evolutionary Fauna; asteroids are mentioned as part of the latter fauna]

Sprinkle, J. and T. E. Guensburg. 1995. Origin of echinoderms in the Paleozoic evolutionary fauna: The role of substrates. *Palaios* 10:437-453. [p. 439, p. 446, Fig. 3: one starfish arm from Ninemile Shale (Ibexian/Arenig), Nevada] [Fig. 3, asteroid in Fillmore Fm (Ibexian), western Utah] [see Guensburg & Sprinkle 1992]

Sprinkle, J. and T. E. Guensburg. 1997. Echinoderm biostratigraphy. pp. 49-50 (Appendix 4) In R. J. Ross et al. the Ibexian, lowermost series in the North American Ordovician. U.S. Geological Survey Professional Paper 1579-A, pp. 1-50 [In USGS Professional Paper 1579] [Early Paleozoic biochronology of the Great Basin, Western United States]. [Protopalaeaster starfish, Whiterock Series, Kanosh Shale] [see M. A. Wilson et al. 1992]

Sprinkle, J. and T. E. Guensburg. 1997. Early radiation of echinoderms. *Palaeontological*

May 11, 2016

Society Papers 3:205-224. [treats all groups, including somasteroids, asteroids, ophiuroids]

- Sprinkle, J. and T. E. Guensburg. 2004. Crinozoan, blastozoan, echinozoan, asterozoan, and homalozoan echinoderms. [Chapt. 26] pp. 266-280 In B. D. Webby, F. Paris, M. L. Droser & I. G. Percival (eds), The Great Ordovician Biodiversification Event. Columbia University Press, NY. x + 484 pp. [references of all chapters are combined into a single reference section for the book on pp. 395-466]
- Sprinkle, James and Raymond C. Gutschick. 1990. Early Mississippian blastoids from western Montana.--Bulletin of the Museum of Comparative Zoology [Harvard University] 152(3):89-166. [p. 112 Table 3 Asteroidea (starfish arm) and Ophiuroidea (2 unidentified genera) in the Middle blastoid fauna, Upper Paine Member of the Lodgepole Limestone, Madison Group, Tournaisian (Kinderhookian/Osagean)] [Northeast Baldy Mountain, Bridger Range]
- Stanley, S.M. 1986. Earth and life through time. W.H. Freeman & Co., NY 690 pp. [cover illustration is *Stibaraster ratcliffei* Blake & Guensburg 1993] [not seen]
- Stanzel, Rudolf. 2014. Bundenbach – Tiel 2: Jungenformen. Der Steinkern – Heft 16, pp. 14-21. Die Fossilien – Zeitschrift der Internet-Community Steinkern.de [*Baliactis* 1.9cm; *Bdellacoma verruculosa* 2 cm; *Loriolaster mirabilis* 4.5 cm; *Bundenbachia* 1.5 cm; *B. beneckeii* 0.7 cm]
- Stauffer, C. R. 1930. The Devonian of California. Univ. California Pub. Geol. Sci. 19(4): 81-118, pls. 10-14.
- Stauffer, Clinton Raymond and George Alfred Thiel. 1941. The Paleozoic and related rocks of south-eastern Minnesota. Minn. Geol. Surv. Bull. 29, vii, 261 pp., illus., index, geol. maps.
- Steele, H.M. and G.W. Sinclair. 1971. A Middle Ordovician fauna from Braeside, Ottawa Valley, Ontario. Geological Survey of Canada Bulletin 211, 97 pp. [plate 16 fig. 3 *Urasterella cf. grandis* (Meek); listed p. 3 Table 1, Faunal list, Braeside Beds]
- Stephensen, D. G. 1967. Pentamerous symmetry in echinoderms.--Nature 216:994. [not relating to this bibliography, but included anyway!]
- Stöhr, S., C. Conand and E. Boissin. 2008. Brittle stars (Echinodermata: Ophiuroidea) from La Réunion and the systematic position of *Ophiocanops* Koehler, 1922. Zoological Journal of the Linnean Society 153:545-560. [*Ophiocanops multispina* n. sp.; *Renetheo felli* transferred to *Ophiocanops*; *Ophiocanops* transferred to Ophiomyxidae; many new observations; new discussion; not an oegophiurid]

May 11, 2016

- Stose, George W. and Anna J. Stose. 1948. Stratigraphy of the Arvonian Slate, Virginia. *American Journal of Science*, vol. 246, no. 7, pp. 393-412. [p. 404 mentions "star fish" (lapsus for brittle-star) citing Watson & Powell 1911 p. 44]
- Strauch, F. & W. Pockrandt. 1985. Ein Encrinaster Vorkommen (Ophiuroidea) aus dem Unterdevon der Eifel.--*Paläontologische Zeitschrift*, 59(1/2):125-145; Stuttgart. [source Hamman & Schmincke 1986] [*Encrinaster uedersdorfensis* n. sp.] [a mass occurrence] [*Encrinaster arnoldi* figured] [comprehensive comparisons]
- Strimple, Harrell L. 1970. The occurrence of Onychaster strimplei in Oklahoma. *Oklahoma Geology Notes*, vol. 30, no. 2, p. 42.
- Stschurowsky, . 1874. *Nachr. d. Moskaur Gesell. d. Liebhaber d. Naturges.*
- Stürmer, Wilhelm. 1968. Einige Beobachtungen an devonischen Fossilien mit Röntgenstrahlen. *Natur und Museum* 98(10):413-417. [figs. 2 + 3: a very small ophiuroid (surely Eospondylus) and a crinoid crown overlap]
- Stürmer, Wilhelm and Jan Bergström. 1976. The arthropods Mimetaster and Vachonisia from the Devonian Hunsrück Shale. *Paläontologische Zeitschrift*. Herausgegeben von der Paläontologischen Gessellschaft. Band 50, Nr. 1/2., pp. 78-111, pls. 9-18. [Furcaster palaeozoicus in pls. 9-12, 17; see also references]. [Acad. Nat. Sci. QE701 P23]
- Stürtz, Bernhard. 1886. Ueber paläozoische Seesterne. *Neues Jahrbuch für Mineralogie, Geologie und Paläontologie*. Stuttgart. vol. 2, pp. 142-154.
- Stürtz, B. 1886. Beitrag zur Kenntnis paläozoischer Seesterne. *Palaeontographica*, vol. 32, pp. 75-98, pls. 8-14.
- Stürtz, B. 1890. Neuer Beitrag zur Kenntniss paläozoischer Seesterne. *Palaeontographica*, vol. 36, pp. 203-247, pls. 26-31.
- Stürtz, B. 1893 Ueber versteinerte und lebende Seesterne. *Verhandlungen des naturhistorischen Vereins der preussischen Rheinlands, Westfalens und des Reg.-Bezirks Osnabrück*, 50th year of publication, 5th series, vol. 10, Bonn, pp. 1-92, pl. 1. [p. 30 *Onychaster* as Euryaleae]
- Stürtz, B. 1900 (? or 1899). Ein weiterer Beitrage zur Kenntniss paläozoischer Asteroiden. *Verhandlungen des Naturhistorischen Vereins der Preussischen Rheinlande, Westfalens u. des Regierungsbrzirks Osnabrück*. Bonn. Vol. 56, pp. 176-240, pls. 2-4.
- Südkamp, W. H. 1985. Over Teylers Asterozoa uit Bundenbach (Hunsrück). *Grondboor en*

May 11, 2016

Hamer 39(5):114-129. [substantive paper] [holotypes of Stuertzaster (Erinaceaster) spinosissimus and Helianthaster rhenanus] [also (non-types) Palaeosolaster gregoryi, Urasterella asperula, Encrinaster roemeri, Taeniaster (Bundenbachia) beneckeii, Furcaster leptosoma, Eospondylus primigenius]

Südkamp, W. H. 1994. Echinodermen aus dem Hunsrückschiefer. Teil 1: Flachtiere und Sterntiere. Fossilien 11(4):244-252. [descriptions of Urasterella asperula, Taeniaster beneckeii and new Eschenbachia pinusi] [extensive list of asteroids and ophiuroids; number of specimens in Geol.-Pal.-Inst. Humboldt-Univ. Berlin] [many taxa illustrated] [Korff material]

Südkamp, W. H. 1995. Nicht alltäglich: Zeugen einer fossilen Lebensgemeinschaft. Fossilien 1995(4):204-206. [Eospondylus primigenius on crinoid] [Ophiurina lymani nearby]

Südkamp, W. H. 2007. Haldenaufsammlungen im Hunsrückschiefer (6): Die Grube Herrenberg, Teil 2. Fossilien 2007(2):85-92. [slate mine Herrenberg] [figs of Medusaster rhenanus, Loriolaster mirabilis, Bundenbachia beneckeii, Palasteriscus devonicus] [Ophiurina lymani, Furcaster palaeozoicus listed]

Südkamp, W. H. -- see files for more papers

Sumrall, C.D. 1996. A phylogenetic analysis of Echinodermata based on primitive fossil taxa. PhD dissertation, University of Texas at Austin. 359 pp. UMI Microform, Ann Arbor, MI. [Eophiura, Archegonaster coded]

Sumrall, C.D., C.A. Brochu, and J.W. Merck, Jr. 2001. Global lability, regional resolution, and majority-rule consensus bias. *Palaeobiology* 27(2):254-261. [Eophiura, Archegonaster in cladograms]

Sumrall, C. D. and J. Sprinkle. 1995. Peristomal bordering plates in fossil echinoderms [abstract]. *GSA Abstracts with Programs* 27(6):A-113. [nonhomologous or too derived to be recognized in eleutherozoans compared to pelmatozoans]

Sumrall, C. D. and J. Sprinkle. 1998. Phylogenetic analysis of living Echinodermata based on primitive fossil taxa. pp. 81-87 In Mooi and Telford (eds) *Echinoderms*: San Francisco. Balkema, Rotterdam. [Table 1: Archegonaster, Eophiura listed. p. 84 monophyly of Asterozoa, list of synapomorphies][It is a synapomorphy of the Asterozoa that the flooring plates (Ambb) are without perradial zig-zag]

Sumrall, C. D., J. Sprinkle & T. E. Guensburg. 2001. Comparison of flattened blastozoan echinoderms: insights from the new early Ordovician eocrinoid Haimacystis rozhnovi. *Journal of Paleontology* 75(5):985-992. [p. 987 Wah Wah Limestone, one asterozoan genus, not yet described]

May 11, 2016

- Sutcliffe, Owen E. 1997. An ophiuroid trackway from the Lower Devonian Hunsrück Slate, Germany. -- *Lethaia* 30:33-39. [describes Arcichnus saltatus n.g., n.sp. trace fossil interpreted as trackway of protasterid ophiuroid Taeniaster; epifaunal habit; current-aided locomotion]
- Sutton, M. D., D. E. G. Briggs, David J. Siveter & Derek J. Siveter. 2003. Arms with feet: an exceptionally preserved starfish from the Silurian Herefordshire Lagerstätte. *The Palaeontology Newsletter* No. 54, pp. 153-154. [Bdellacoma, an asteroid, new locality, Wenlock, 3-dimensions, details of tube feet, podial basins house ampullae, large Bursulella-type pedicellariae]
- Sutton, M. D., D. E. G. Briggs, David J. Siveter, Derek J. Siveter, and D.J. Gladwell. 2005. A starfish with three-dimensionally preserved soft parts from the Silurian of England. [*Proc. R. Soc. B*] *Proceedings: Biological Sciences* 272(1567):1001-1006.