

May 11, 2016

filename bibl.doc

- Ladd, H. S. 1957. Paleocological evidence. pp. 31-66 (chapter 2) *in* Treatise on marine ecology and paleoecology. Vol. 2. Paleocology. The Geological Society of America, Memoir 67(2): 1-1077. [pp. 35, 36, plate 3 fig. 1, Paleaster eucharis NYSM slab, Saugerties, NY, Devonian] [Zoo. Rec. 1957]
- Lafay, B., A. B. Smith & R. Christen. 1995. A combined morphological and molecular approach to the phylogeny of asteroids (Asteroidea: Echinodermata).--Syst. Biol. 44(2):190-208. [post-Paleozoic orders form a monophyletic group]
- Lamont, A. 1934. Lower Palaeozoic brachiopods of the Girvan District: suggestions on morphology in relation to environment. Ann. Mag. Nat. Hist., ser. 10, vol. XIV, pp. 161-184, figs. 1-5.
- Lamont, Archie. 1935. The Drummuck Group, Girvan; A stratigraphical revision with descriptions of new fossils from the lower part of the group. The Transactions of the Geological Society of Glasgow, vol. XIX, part II, pp. 288-334, pls. VII-IX, 4 text-figs.
- Lamont, A. 1947. Gala-Tarannon Beds in the Pentland Hills, near Edinburgh. Geol. Mag. vol. 84: No. 4, pp. 193-208, No. 5, pp. 289-303. [pp. 202-203 overview of stelleroids present and absent] [Bdellacoma listed]
- Lamont, Archie. 1969. Prolegomena to aggressive mimicry and protective resemblance in early fishes, chelicerates, trilobites and brachiopods. -- Scottish Journal of Science, vol. 1, part 2:77-103. [published by Dr. Archie Lamont, Midlothian, Scotland] [p. 77 Gala-Tarannon flagstones containing graptolites and starfish; thinking that graptolite communities of Climacograptus and Dimorphograptus imitate starfish] [also p. 84 and Text-fig. 3] [p. 86 no evidence that starfishes could open enrolled trilobites, but trilobites and bivalves are scarce in brittle-star country in the lower part of the Pentlandian] [p. 86 difficult for starfish to insert stomach into some brachiopods Atrypa, Leptaena rhomboidalis] [defense by small size -- too small to provide an adequate meal]
- Lane, N. Gary. 1963. The Berkeley crinoid collection from Crawfordsville, Indiana. Jour. Paleont., vol. 37, no. 5, pp. 1001-1008, pl. 128. [On p. 1005: Onychaster flexilis Meek & Worthen, "asteroid".]
- Lane, N. Gary. 1973. Paleontology and paleoecology of the Crawfordsville fossil site (Upper Osagian: Indiana). University of California Publications in Geological Sciences 99:141 pp. + 21 plates.

May 11, 2016

- Lane, N. Gary. 1981. A nearshore sponge-spicule mat from the Pennsylvanian of west-central Indiana. *Journal of Sedimentary Petrology* 51(1):197-202. [this is the ophiuroid locality of Weller (1930)] [extracted a diverse silicified fauna that includes ophiuroid, asteroid and echinoid remains]
- Lane, N. Gary and L. A. Frakes. 1970. A Permian starfish from South West Africa. *Jour. Paleont.*, vol. 44, no. 6, pp. 1135-1136.
- Lane, N. Gary, C. G. Maples and J. A. Waters. 1997. Age and revision of Whidborne's (1898) echinoderms from the lower Pilton beds (Famennian) of the type Devonian. *GSA Abstracts with Programs*, 1997:A-342. [stratigraphic and locality data that pertains also to the ophiuroids and asteroids of Whidborne]
- Lane, N. Gary, C. G. Maples & J. A. Waters. 2001. Revision of Late Devonian (Famennian) and some Early Carboniferous (Tournaisian) crinoids and blastoids from the type Devonian area of North Devon. *Palaeontology* 44(6):1043-1080. [revision of crinoids and blastoids of Whidborne (1896, 1898) giving stratigraphic and locality data that pertains also to the ophiuroids and asteroids of Whidborne]
- Lane, N. Gary and Jan. F. Van Sant. 1964. Crawfordsville Crinoid Beds. In *Crawfordsville (Indiana) Crinoid Studies*, by Van Sant and Lane. *Univ. Kansas Paleont. Contr. Echinodermata*, Art. 7, pp. 1-136, pls. 1-8, figs. 1-41. [p. 34: *Onychaster*]
- Langenheim, R. L., Jr., et al. 1969. Geology of the West Range and Ely Springs Range, Lincoln County, Nevada (abstr.). *GSA Abstr.* 1969. Part 3 (Cordilleran Sect.), p. 33. ["an individual Middle Canadian asterozoan was collected in the Yellow Hill Limestone"] [See *Ophioxenicos langenheimi* Blake & Guensburg, 1993]
- Langer, W. 1994. Bernard Sturtz. Ein ungewöhnlicher Erforscher der Hunsruckschiefer-Fauna. - *Natur und Museum (Frankfurt am Main)* 124(1), Januar 1994:17-20, illustr.[in German] [source ZR 1993/1994]
- Langer, W. 1997. Neue oder wenig bekannte Mikrofossilien aus dem europäischen Devon. *N. Jb. Geol. Paläont. Abh.* 205(1):129-144. [Asterozoa pedicellaria & paxillae; ophiocistioids, echinoids, holothuroids]
- Lankester, E. Ray., editor. 1900. *A Treatise on Zoology. Part III. The Echinoderma*, by F. A. Bather assisted by J. W. Gregory and E. S. Goodrich. London, Adam & Charles Black, pp. viii + 344, text-figs.
- Lapworth, Charles. 1882. The Girvan Succession. *Quart. Jour. Geol. Soc. London*, vol. 38, pp. 537-666, pls. 24, 25, 31 text-figs.

May 11, 2016

- La Touche, J.D. 1884. A hand-book of the geology of Shropshire. London, Edward Stanford. 91pp, 22 pls. [WKS pt. 5, p. 219] [sub-kingdom Annuloidea: order Asteroidea; *Palaeaster*, *Palasterina*; order Ophiuroidea; *Protaster*] [pp. 33-34; plate xvii figs. 538-548] [*Protaster miltoni*; *P. sedgwickii*; *P. leptosoma*; *Palaeocoma marstoni*; *P. colvini*; *P. cygnipes*; *Palasterina primaeva*; *Palaeaster hirudo*; *P. ruthveni*; *P. seratulus*; *P. sp.*]
- La Touche, J. D. 1893. Notes on the Church Hill Quarry. -- Tr. Woolhope Club, 1890-92, p. 35. [ZR 1894 Silurian, Lower Ludlow, Shropshire, Asteroidea, popular notes]
- Laudon, L. R. 1933. The stratigraphy and paleontology of the Gilmore City Formation of Iowa. University of Iowa Studies, New Series No. 256, vol. 15, no. 2, pp. 1-74. [p. 23 one starfish from the Rhynchopora zone; p. 26 starfishes from the Rhodocrinus zone; p. 36, starfishes appear occasionally]
- Laudon, Lowell Robert. 1934. New echinoderms from Le Grand, Iowa. (abstr.). GSA Proc. 1933, p. 363, June 1934. [183 almost perfect specimens of Schoenaster legrandensis, Kinderhook ls., Le Grand, Iowa, B.H. Beane coll.] [add this occurrence to the records of brittle star beds compiled by Richard Aronson]
- Laudon, L. R. and B. H. Beane. 1937. The crinoid fauna of the Hampton Formation at Le Grand, Iowa. Iowa Univ. Studies in Nat. Hist., vol. 17, no. 6, n.s. no. 345, pp. 227-272, 5 pls., 5 figs. [Abstract in Oklahoma Acad. Sci. Proc., 1936, vol. 17, p. 83, 1937.] [On pp. 232-234 the discovery of slab with 183 specimens of Iovaster grandis; slab figured in fig. 4; a synonym of Schoenaster legrandensis (p. 234).]
- Lawrence, J. M. & M. Komatsu. 1990. Mode of arm development in multiarmed species of asteroids. Pp. 269-275 in Echinoderm Research - proceedings of the second European conference on echinoderms, Brussels/Belgium/18-21 September 1989. [DeRidder, Dubois, Lahaye & Jangoux (eds)] A.A. Balkema, 343 pp. [Medusaster listed in Table 1, number of arms 11-16, refers to Lehmann 1957]
- Le Clair, E. E. 1993. Effects of anatomy and environment on the relative preservability of asteroids: a biomechanical comparison. *Palaios* 8:233-243. [refers to literature on Paleozoic Stellerioidea]
- Lefebvre, B., and O. Fatka. 2003. Palaeogeographical and palaeoecological aspects of the Cambro-Ordovician radiation of echinoderms in Gondwanan Africa and peri-Gondwanan Europe. *Palaeogeograph, Palaeoclimatology, Palaeoecology* 195(1-2):73-97. [Ampullaster, etc. ] [many genera listed with literature cited]
- Lefebvre, B., and E. Poty. 2006. Georges Ubaghs (1916-2005): a tribute and an overview of his main scientific achievements. *Journées Georges Ubaghs etc. ...* pp. 24-30.

May 11, 2016

- Lefebvre, B. & D. Vizcaïno. 1999. New Ordovician cornutes (Echinodermata, Stylophora) from Montagne Noire and Brittany (France) and a revision of the order Cornuta Jaekel 1901. *Geobios* 32:421-458. [p. 422 Saint-Chinian Formation, faunal zone f includes somasteroids, ophiuroids] [p. 423 shales of the Landeyran Formation, faunal zone l (letter L), Orb Valley, Les Sources du Foulon, near Cessenon, includes asterozoans] [Arenig] [see also Vizcaïno & Lefebvre 1999]
- Lehmann, W. M. 1938. Die Anwendung der Röntgenstrahlen in der Paläontologie. *Jahresberichte und Mitteilungen der Oberrheinischen geologischen Vereins (Freiburg i.Br.)*, N.F. 27: 16-24, pls 1-6. Stuttgart
- Lehmann, W. M. 1939. Die Fauna des Hunsruckschiefers. In: *Versteinertes Leben aus dem Hunsrucker*. *Abhandlungen der Preussischen Akademie der Wissenschaften*, Jg. 1939, Mathematisch-naturwissenschaftliche Klasse, 13: 1-17, pls 1-7, . Berlin.
- Lehmann, W. M. 1951. Anomalies et régénérations chez quelques Asterozoa paléozoïques.--*Bull. Soc. géol. France* (5) vol. 20 [1951 for 1950], pp. 267-274, pls. xii-xiii. [source *Zoological Record*, vol. 88, Sect. 5 Echinoderma, for 1951 (May 1953), p. 8]
- Lehmann, W. M. 1951. Anomalien und Regenerationserscheinungen an paläozoischen Asterozoen.-- *Neues Jahrbuch für Geologie und Paläontologie*, vol. 93, pp. 401-416, pls. xix-xxv. [source *Zoological Record*, vol. 88, Sect. 5 Echinoderma, for 1951 (May 1953), p. 8]
- Lehmann, W. M. 1956. Kleine Kostbarkeiten in Dachschiefern. *Aufschluss*, 3. Sonderh.:63-74, 20 figs. Rossdorf bei Darmstadt. [source Kutscher 1976] [not seen] [*Eospondylus primigenius*, *Furcaster palaeozoicus*]
- Lehmann, W. M. 1957. Die Asterozoen in den Dachschiefern des rheinischen Unterdevons. *Abhandlungen des Hessischen Landesamtes für Bodenforsch*, vol. 21, 160 pp., 55 pls., 31 text-figs. [for biographical information on W. M. Lehmann see Gerth 1961 and Kutscher 1970]
- Lehmann, W. M. 1958. Über einen 21-armigen Medusaster rhenanus Stuertz aus dem unterdevonischen Hunsrückschiefer.--*Notizbl. hess. Landesamt. Bodenforsch.* vol. 86: 79-80, pl. ix.
- Lehmann, W. M. 1958. Ein Holothurie zusammen mit *Palaenectria devonica* und einem Brachiopoden in den unterdevonischen Dachschiefern des Hunsrücks durch Röntgenstrahlen entdect. *Notizbl. hess. Landesamt Bodenforsch.* 86:81-86, 3 figs, 2 plates. Wiesbaden. [source Kutscher 1976] [not seen]

May 11, 2016

- Leonardi, G. 1983. Notopus petri nov. gen., nov. sp. – une empreinte d'amphibien du Dévonien au Paraná (Brasil). *Geobios*, Lyon 16(2):233-239. [not seen] [see Rocek & Rage, 1994, for reinterpretation as starfish trace fossil]
- Leriche, M. 1912. La faune du Gedinnien inférieur de l'Ardenne. *Mémoires du Musée Royal d'Histoire Naturelle de Belgique* (Bruxelles), 6: . [source Petr]
- Lesley, J. P. 1889. A dictionary of the fossils of Pennsylvania and neighboring states named in the reports and catalogues of the survey. *Geol. Surv. Pennsylvania Rept. P4*, vol. 2 N-R, pp. 439-914, numerous text figs. [source Golden & Nitecki]
- Lesley, J. P. 1890. A dictionary of the fossils of Pennsylvania and neighboring states named in the reports and catalogues of the survey. *Geol. Surv. Pennsylvania Rept. P4*, vol. 3 S-Z, pp. 915-1283, numerous text figs. [source Golden & Nitecki]
- Lewarne, Gillian C. 1964. Starfish traces from the Namurian of County Clare, Ireland.--*Palaeontology*, vol. 7, no. 3, pp. 508-513. [source Owen 1965, p. 571: numerous traces of ophiuroids, disc 2-4 mm, R 7-9 mm; sandstone; Namurian R1 Zone, at Doonaha House, Loop Head Peninsula, Co. Clare]
- Lewis, D. N. 1993. Catalogue of the type and figured specimens of fossil Asteroidea and Ophiuroidea in The Natural History Museum. *Bull. nat. Hist. Mus. (Geol.)* 49, no. 1, pp. 47-80.
- Lewis, D. N., S. K. Donovan, P. Crabb, and D. J. Gladwell. 2007. A field guide to the Silurian Echinodermata of the British Isles: Part 1 – Eleutherozoa and Rhombifera. *Scripta Geologica* 134:27-59, 4 pls. Leiden. [ten ophiuroid and 13 asteroid taxa] [Pentland Hills stelleroids to be treated in greater detail in Gladwell, in press] [includes *Arisaigaster* sp., and *Loriolaster* sp. nov.] [large madreporite in *Bdellacoma vermiformis*]
- Liddell, W. D. 1975. Biostratinomy and ecology of a Middle Ordovician echinoderm assemblage from Kirkfield, Ontario. Unpublished Master's Thesis, Department of Geology and Mineralogy, The University of Michigan, 41 pp., 3 tables, 5 text-figs, 3 plates. [obtained from the author, April 1990] [*Stenaster salteri*; *Hudsonaster narrawayi*? (= *Macroporaster matutinus* (Hall)).] [Many good observations -- except incorrect on oral/aboral orientation]
- Lin Tianrui. 1988. The discovery of new ophiuroids in the Lower Silurian from Cili, Hunan. *Journal of Nanjing University, Natural Sciences Edition* 24(1) 1988:158-162, illustr. [In Chinese with English summary][ZR 1988/89] [Lower Silurian, new taxa *Ciliophiurina hunanensis*]

May 11, 2016

- Lindstrom, G. 1885. List of the fossils of the Upper Silurian Formation of Gotland. Kongl. Boktryckeriet, P.A. Norstedt & Soner, Stockholm. [p. 14: Palasterina antiqua His.; asteroid, crinoidal limestone of Follingbo; ophiuroid, Pterygotus-strata near Wisby.]
- Litvinova, N.M. 1989. Ecological interpretation of structural characteristics of arms in brittle stars. 2. Variability and functional morphology of vertebral joints in arms. Zoologicheskii Zhurnal 68(10):41-55. [p. 42 vertebra and arms of Perlophiura profundissima resemble Palaeozoic Ophiurinae; tubercular type vertebrae; small spp. with thin, brittle, knotty arm] [p. 45 compares Ophiotholia and Ophiomyces to Taeniaster spinosus; sack-like disc and upward-turned arms] [p. 50 Ophiocanops fugiens listed with saddle-like vertebrae] [p. 51 is saddle-like type of joint evolved from the universal joint? Evidence of fossil euryalid Onychasteridae (p. 52): small distal process and proximal crevice; thus probably saddle-like is derived from universal type; convergent similarity in some Ophiacanthidae]
- Litvinova, N.M. 1992. Revision of the genus Ophiotholia (Echinodermata, Ophiuroidea). Zoologicheskii Zhurnal 71(3):47-57. [possibly some Ophiotholia live in burrows like the Middle Ordovician Taeniaster spinosus (large but only superficial resemblance to modern genera)]
- Locke, J. 1848. [Notice of an Asterias from the Blue Limestone of Cincinnati.] Proc. Acad. Nat. Sci., Philadelphia, for 1846-47, vol. 3, 1848, pp. 32-34, text-fig.
- Lockley, M.G. 1980. The Caradoc faunal associations of the area between Bala and Dinas Mawddwy, North Wales. Bulletin of the British Museum (Natural History) Geology Series 33(3):165-235. [Stenaster obtusus, Frondderw Tuff, Caradoc] [source Botting et al. 2010] [not seen]
- Lörcher, E. 1934. Die Bundenbach Schiefer. Kosmos 31:301-304, 4 figs. Stuttgart. [source Kutscher 1976] [not seen] [Loriolaster mirabilis, Eoluidia decheni]
- Lotze, F. 1928. Das Mitteldevon des Wennetals nördlich der Elsper Mulde. Abhandlungen der Preussischen Geologisschen Landesanstalt (N.F.) 104:104 pp. [Asteroidea; source Reich 2004]
- Lund, R., H. Feldman, W. L. Lund, & C. G. Maples. 1993. The depositional environment of the Bear Gulch Limestone, Fergus County, Montana.--pp. 87-96 In Montana Geological Society Guidebook 1993, Energy and Mineral Resources of Central Montana. [p. 87 mention of starfish (Welch 1984)] [see also Grogan & Lund 2002]
- Lutken, ?. 1869. Dansk. Vid. Selsk. Skrift., ser. 5, vol. viii, pt. 3, p. 82 [source WKS 1940, p. 540]
- Lyon, Sidney Smith and S. A. Casseday. 1860. A synonymic list of the Echinodermata of the

May 11, 2016

Paleozoic rocks of North America. Am. Ac. Arts, Pr. 4, pp. 282-304.