

REFERENCES

The following list is intended to include publications specifically mentioned in the text and those that have appeared since 1954. Titles appearing before 1954 may be found in FRIZZELL and EXLINE (14).

Beckmann, H.

- (1) 1965, *The generic position of Achistrum bohemicum Prantl, 1947*: *Micropaleontology*, v. 11, p. 117-118, 4 text-fig.

Bruun, A. F.

- (2) 1957, *Deep sea and abyssal depths*, in H. S. LADD (ed.), *Treatise on marine ecology and paleoecology*. Vol. 1. Ecology: Geol. Soc. America, Mem. 67, v. 1, p. 641-672, 3 pl., 9 text-fig.

Carini, G. F.

- (3) 1962, *A new genus of holothurian sclerite from the Wewoka shale of Oklahoma*: *Micropaleontology*, v. 8, p. 391-395, 1 pl., 7 text-fig.

Crespin, Irene

- (4) 1959, *Microfossils in Australian and New Guinea stratigraphy*: *Royal Soc. New S. Wales, Jour. & Proc.*, v. 92, p. 133-147, 1958 (1959).

Cronis, Carey

- (5) 1938, *Utilitarian classification for fragmentary fossils*: *Jour. Geology*, v. 46, p. 975-984.

———, & McCormack, John

- (6) 1932, *Fossil Holothuroidea*: *Jour. Paleontology*, v. 6, p. 111-148, pl. 15-21, 4 text-fig.

Dales, R. P.

- (7) 1957, *Interrelationships of organisms. A. Commensalism*, in H. S. LADD (ed.), *Treatise on marine ecology and paleoecology*. Vol. 1. Ecology: Geol. Soc. America, Mem. 67, v. 1, p. 391-412, 1 pl., 9 text-fig.

Deflandre-Rigaud, Marthe

- (8) 1957, *Sur l'invalidité du genre Theelia Schlumb., synonyme de Chiridotites Defl.-Rig. (Sclérites d'Holothurides fossiles)*: *Muséum Natl. Histoire Nat., Bull.*, 2^e sér., v. 29, p. 353-355.
- (9) 1959, *Sur quelques sclérites d'Holothurides de l'Oligocène moyen d'Innien, Holstein*: *Revue Micropaléontologie*, v. 1, p. 190-200, pl. 1-3.
- (10) 1962, *Contribution à la connaissance des sclérites d'holothurides fossiles*: *École Pratique Hautes Études, Lab. de Micropaléontologie, Inst. Pal. Mus.*, p. I-V, 1-134, 5 pl., 149 text-fig. (1961) (dissertation); *Muséum Histoire Nat., Paris, Mém.*, new ser., v. 11, p. 1-123, 5 pl., 149 text-fig. (1962).

Deichmann, Elisabeth

- (11) 1957, *Holothurians*, in H. S. LADD (ed.), *Treatise on marine ecology and paleoecology*. Vol. 1. Ecology: Geol. Soc. America, Mem. 67, v. 1, p. 1193-1195.

Etheridge, Robert, Jr.

- (12) 1881, *On the presence of the scattered skeletal remains of Holothuroidea in the Carboniferous Limestone Series of Scotland*: *Royal Phys. Soc. Edinburgh, Proc.*, v. 6, p. 183-198, pl. 5-6.

Fletcher, B. N.

- (13) 1962, *Some holothurian spicules from the Amphill Clay of Melton, near Hull (Yorkshire)*: *Geol. Mag.*, v. 99, p. 322-326, 8 text-fig.

Frentzen, Kurt

- (13a) 1964, *Funde von Holothurien-Kalkkörperchen im Jura des Oberrheingebietes*: *Beiträge Naturkundl. Forsch. Südwestdeutschl.*, v. 23, pt. 1, p. 31-51, pl. 3-4.

Frizzell, D. L., & Exline, Harriet

- (14) 1956, *Monograph of fossil holothurian sclerites*: *Missouri, Univ. School Mines & Metallurgy, Bull., Tech. Ser.*, no. 89, 204 p., 11 pl., 21 text-fig., 1 table, 1955 (1956).
- (15) 1957, *Holothurians*, in H. S. LADD (ed.), *Treatise on marine ecology and paleoecology*. Vol. 2. Paleocology: Geol. Soc. America, Mem. 67, v. 2, p. 983-986.
- (16) 1957, *Revision of the Family Synaptitidae, fossil holothurian sclerites (Echinodermata, Holothuroidea)*: *Soc. Geol. Perú, Bol.*, v. 32, p. 97-119, 6 text-fig.

Gutschick, R. C.

- (17) 1959, *Lower Mississippian holothurian sclerites from the Rockford Limestone of northern Indiana*: *Jour. Paleontology*, v. 33, p. 130-137, pl. 25-26, 6 text-fig.

Hampton, J. S.

- (18) 1957, *Some holothurian spicules from the upper Bathonian of the Dorset coast*: *Geol. Mag.*, v. 94, p. 507-510, 12 text-fig.
- (19) 1958, *Subgenera of the holothurian genus Achistrum*: *Micropaleontology*, v. 4, p. 75-77, 8 text-fig.
- (20) 1958, *Chemical analysis of holothurian sclerites*: *Nature*, v. 181, p. 1608-1609.

Hampton, J. S.

- (21) 1958, *Frizzellus irregularis, a new holothurian sclerite from the upper Bathonian of the Dorset coast, England*: *Micropaleontology*, v. 4, p. 309-316, 1 pl., 3 text-fig., 2 tables.
- (22) 1959, *Statistical analysis of holothurian sclerites*: *Same*, v. 5, p. 335-349, 4 pl., 3 text-fig.
- (23) 1960, *A statistical study of Rhabdotites dorsetensis Hodson, Harris and Lawson, 1956*: *Same*, v. 6, p. 307-314, 1 pl., 4 tables.

Hattin, D. E.

- (24) 1957, *Depositional environment of the Wrexford megacyclothem (Lower Permian) of Kansas*: Kansas State Geol. Survey, Bull., no. 124, 150 p.

Hodson, Frank, Harris, Barbara, & Lawson, Louise

- (25) 1956, *Holothurian spicules from the Oxford Clay of Redcliff near Weymouth (Dorset)*: Geol. Mag., v. 93, p. 336-344, 25 text-fig.

Hyman, L. H.

- (26) 1955, *The invertebrates. Vol. 4. Echinodermata*: 763 p., 280 text-fig., McGraw-Hill Book Co., Inc. (New York).

Kaptarenko-Chernousova, O. K.

- (27) 1954, *Au sujet des restes d'Holothuries dans les dépôts jurassiques du bassin du Dniepr-Donetz*: Akad. Nauk SSSR, Izvestiya, sér. géol., no. 3, p. 83-91, 1 pl.

Kornicker, L. S., & Imbrie, John

- (28) 1958, *Holothurian sclerites from the Florena Shale (Permian) of Kansas*: Micropaleontology, v. 4, p. 93-96, 1 pl.

Kristan-Tollmann, Edith

- (29) 1962, *Stratigraphisch wertvolle Foraminiferen aus Obertrias- und Liaskalken der voralpinen Fazies bei Wien*: Erdoel-Zeitschr., no. 4, p. 228-233, 44 text-fig.
- (30) 1964, *Beiträge zur Mikrofauna des Rhät. I. Weitere neue Holothuriensklerite aus dem alpinen Rhät*: Ges. Geol. Bergbaustud., Mitteil., v. 14, p. 129-134, 1 pl.

Kristan-Tollmann, Edith

- (30a) 1963, *Holothurien-Sklerite aus der Trias der Ostalpen*: Österreich. Akad. Wiss. Math.-Naturwiss. Kl., Sitzungsber., Abt. I, v. 172, pt. 6-8, p. 351-380, pl. 1-10, 2 text-fig.
- (30b) 1964, *Holothurien-Sklerite aus dem Torton des Burgenlandes, Österreich*: Same, Abt. I, v. 173, pt. 1-2, p. 75-100, pl. 1-9.
- (30c) 1964, *Zur Charakteristik triadischer Mikrofaunen*: Paläont. Zeitschr., v. 38, no. 1/2, p. 66-73, 9 text-fig.
- (30d) 1965, *Revision der Arbeit von K. Frenztzen: "Funde von Holothurien-Kalkkörperchen im Jura des Oberrheingebietes"*: Beiträge Naturkundl. Forsch. Südwestdeutshl., v. 24, pt. 1, p. 17-20.

Müller, A. H.

- (31) 1964, *Sklerite von Holothuroidea aus der Schreibkreide (Unteres Maastricht) von Rügen*: Geologie, Jahrg. 13, no. 2, p. 223-235, pl. 1-2, 6 text-fig.

Münster, Georg Graf zu

- (32) 1843, *Ueber einige Theile fossiler Holothurien im Jura-Kalk von Streitberg*: Beiträge zur Petrefacten-Kunde, v. 6, p. 92-93, pl. 4, fig. 9, Buchner (Bayreuth).

Papp, Adolf, & Küpper, Klaus

- (33) *Holothurienreste aus dem Torton des Wiener Beckens*: Österreich. Akad. Wiss., math.-naturwiss. Kl., Sitzungsber., Abt. I, v. 162, p. 49-51, 1 pl.

Reso, Anthony, and Wegner, Karen

- (34) 1964, *Echinoderm (holothurian?) sclerites from the Bromide Formation (Black Riverian) of southern Oklahoma*: Jour. Paleontology, v. 38, p. 89-94, pl. 23, 1 text-fig.

Rioult, Michel

- (35) 1959, *Les assemblages de sclérites d'Holothuries fossiles*: Soc. Géol. Normandie, Bull., v. 49, p. 8-9.
- (36) 1959, *Les vestiges microscopiques d'Échinodermes dans les sédiments jurassiques de Normandie*: Soc. Linnéenne Normandie, Bull., 9^e sér., v. 10, p. 32-36, 6 text-fig.
- (37) 1961, *Les "sclérites d'holothuries fossiles du Lias"*: France, Bur. Rech. Géol. et Min., Mém., no. 4, p. 121-153, 1 table.

Said, Rushdi, & Barakat, M. G.

- (38) 1958, *Jurassic microfossils from Gebel Maghara, Sinai, Egypt*: Micropaleontology, v. 4, p. 231-272, 6 pl., 5 text-fig., 1 table.

Schlumberger, Charles

- (39) 1888, *Note sur les holothuridées du Calcaire grossier*: Soc. Géol. France, Bull., ser. 3, v. 16, p. 437-441, 14 text-fig.
- (40) 1890, *Seconde note sur les holothuridées du Calcaire grossier*: Same, v. 18, p. 191-206, 44 text-fig.

Schmidt, W. J.

- (41) 1925, *Über die Lage der optischen Achse in den Kalkkörpern der Holothurien und ihre Bedeutung für die vergleichende Morphologie*: Zool. Jahrb. Abt. Anat. & Ontog., v. 47, p. 113-154, text-fig. A-Z, A'-C'.

Seilacher, Adolf

- (42) 1961, *Holothurien im Hunsrückschiefer (Unter-Devon)*: Hess. Landesamt Bodenf., Notizbl., v. 89, p. 66-72, pl. 10-11, 1 text-fig.

Summerson, C. H., & Campbell, L. J.

- (43) 1958, *Holothurian sclerites from the Kendrick Shale of eastern Kentucky*: Jour. Paleontology, v. 32, p. 961-969, pl. 125-126.

Tinoco, I. de M.

- (44) 1963, *Fragmentos de equinodermas do Paleoceno de Pernambuco*: Arquivos de Geologia, Gab. Micropaleontologia, Univ. Recife (Brazil), no. 4, p. 49-63, 2 pl.

ADDITIONAL SOURCES OF ILLUSTRATIONS

- (45) Broili, F., 1926
 (46) Deflandre-Rigaud, M., 1950
 (47) Giebel, C., 1857

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