

REFERENCES

- Adams, A.E.**, Mackenzie, W.S. and Guilford, C. (1984), Atlas of Sedimentary Rocks under the Microscope: ELBS-Longman, Essex, 104p.
- Agrawal, S.K.** (1956), On the so called “Macrocephalus” beds of Kutch, Curr. Sci., v-25, p. 84.
- Agrawal, S.K.** (1957), Kutch Mesozoic: A study of the Jurassic of Kutch with special reference to the Jura dome, Jour. of the Palant. Soc. India, Lucknow., v-2, p. 119-130.
- Agrawal, S.K.** and Kachhara, R.P. (1979), Habo beds near Ler (Kutch), Biostratigraphy of the beds on the east of Ler, Proc. Ind. Nat. Sci. Acad., v-45A(2), pt. 3, p. 129-146.
- Aigner, T.** (1985), Storm Depositional Systems: Dynamic stratigraphy in Modern and Ancient shallow marine sequences; in Lecture Notes in Earth Sciences, V-III, Edi. by Friedman, G.M., Neugebauer, H.J. and Seilacher, A., Springer-Verlag, 174p.
- Alpert, S.P.** (1974), Systematic review of the genus *Skolithos*. Jour. Paleont., v-48, p. 661-669.
- Arkell, W.J.** (1939), U-shaped burrows near Blea Wyke, Proc. Yorks. Geol. Soc., v-20, p. 185-199, Manchester.
- Arkell, W.J.** (1956), Jurassic Geology of the World., Oliver and Boyd, 806p.
- Armstrong-Price** (1955), Correlation of shoreline types with offshore bottom conditions. A & M college of Texas, Dept. of Oceanog., Proj.63.
- Arnott, R.W.C.** and Southard, J.B. (1990), Exploratory flow duct experiments on combined-flow bed configurations, and some implications for interpreting storm-event stratigraphy: Jour. Sed. Petrology, v-60, p. 211-219.
- Auden, J.B.** (1949), Dykes in Western India, Trans. Nat. Inst. Sci. India, v-3, p. 123-157.
- Ausich, W.I.** and Bottjer, D.J. (1982), Tiering in suspension feeding communities on soft substrata, Science, v-216, p. 173-174.
- Badve, R.M.** and Ghare, M.A. (1978), Jurassic Ichnofauna of Kutch, pt-I, Biovigyanum, v-4, p. 125-140.
- Ball, M.M.** (1967), Carbonate sand bodies of Florida and the Bahamas. J. Sedim. Petrol., v-37, p. 556-591.

Ball, M.M., Shinn, E.A. & Stockmann, K. W. (1967), The geological effects of Hurricane Donna in South Florida - J. Geology, v-75, p. 583-597.

Barron, E.J., Harrison, Ch.G.A., Sloan, J.L., Hay, W.W. (1981), Palaeogeography, 180 million years ago to present. Eclogae Geol. Helv., v-74(2), p. 443-470.

Barwis, J.H. (1985), Tubes of the modern Polychaete *Diopatra cuprea* as current velocity indicators and as analogs for *Skolithos-Monocraterion*, p. 225-236. In H. A. Curren (ed.), Biogenic Structures: Their Use in Interpreting Depositional Environments, SEPM, Special Publication No. 35.

Bell, H.S. (1940), Armored mud balls - their origin, properties and role in sedimentation: Jour. Geol., v-48, p. 1-31.

Bell, H.S. (1942), (?) Density currents as agents for transporting sediment. J. Geol., v-50, p.512-547.

Belousov, V.V. (1968), Structural Geology, Mir Publishers, Moscow, 179p.

Belousov, V.V. (1969), Basic problems of Geotectonics, McGraw Hill Book Co. Inc., London, 816p.

Berg, R.R. & Davies, D.K. (1968), Origin of Lower Cretaceous muddy sandstone at Bell Creek Field, Montana. Bull. Am. Ass. Petrol. Geol., v-52, p.1888-1898.

Bernburg, G.R. and Schott, W. (1963), Jurassic and Cretaceous at the Western Border of the Gondwana Shield in India, and Stratigraphy and oil possibilities, Proc. Sym. Deve. Petrol. Res. Asia and Far East, Min. Res. Dev. Ser. No. 18, v-1, p. 230-236.

Berner, R.A. (1981), A new geochemical classification of sedimentary environments, Jour. Sed. Petrol., v-51, p. 359-365.

Bhalla, S.N. and Abbas, S.M. (1973), A preliminary note on foraminifera from the Jurassic rocks of Central Kutch, Abstr. 3rd Colloq. on Ind. Micropalaeon. and Stratg., Chandigarh, F-1.

Bhalla, S.N. and Abbas, S.M. (1976), The age and paleogeographical significance of Jurassic foraminifera from Kutch, India - In First Int. Symp. on Benthonic foraminifera of Continental margins, Canada, Maritime Sed. Spec. Pub., v-1 (b), p. 537 -544.

Bhalla, S.N. and Abbas, S.M. (1980), The age and Palaeogeographical significance of Jurassic Foraminifera from Kutch, India, p. 507-544.

Billings, E. (1861-65), Palaeozoic fossils, Vol. 1: containing description and figures of new or little known species of organic remains from the Silurian rocks: Canada, Geol. Survey, 426p., 401 text-fig.

Bischoff, B. (1968), Zoophycos, a polychaete annelid, Eocene of Greece: Jour. Paleontology, v-42, p. 1439-1443, text-fig. 1, pl. 179, 180.

Biswas, S.K. (1971), Note on the Geology of Kutch, Quart. Jour. Geol. Min. Met. Soc. India, v-43, No. 4, p. 223-236.

Biswas, S.K. (1977a), Mesozoic rock stratigraphy of Kutch, Gujarat, Quart. Jour. Geol. Min. Met. Soc. India, v-49, No. 3 & 4, p. 1-52.

Biswas, S.K. (1977b), Landscape of Kutch - A morphotectonic analysis. Ind. Jour. of Earth Sc., V-1, No. 2, p. 177-190.

Biswas, S.K. (1978), On the status of the Bhuj and Umia series of Kutch, W. India, Proc. 7th Ind. Colloq. on Micropalaeon. and Stratigr., Madras.

Biswas, S.K. (1980), Structures of Kutch-Kathiawar Region, Western India, Proc. 3rd Ind. Geol. Cong., Poona, p. 255-272.

Biswas, S.K. (1981), Basin framework, palaeo-environment and depositional history of the Mesozoic sediments of Kutch basin, Western India, Quart. Geol. Min. Met. Soc. India, v-53, No. 1 & 2, p. 56-85.

Biswas, S.K. (1982a), Western rift basins of India and hydrocarbon prospects, Oil and Gas Jour., p. 224-232.

Biswas, S.K. (1982b), Rift basins in Western margins of India with special reference to Kutch basin and its hydrocarbon prospects, Bull. A. A. P. G., v-66, No. 10, p. 1497-1513.

Biswas, S.K. (1983), Cretaceous stratigraphy of Kutch and Kathiawar region, Proc. Symp. Cretaceous Stratigraphy of India, Ind. Asso. Palynostratigraphers, Lucknow.

Biswas, S.K. (1987), Regional tectonic framework, structure and evolution of the western marginal basins of India, Tectonophysics, v-135, p. 307-327.

Biswas, S.K. (1991), Stratigraphy and sedimentary evolution of the Mesozoic basin of Kutch, western India, In Proceedings of Seminar on Sedimentary Basins of India, Nainital, (Eds), Tandon, S. K., Pant, C. C. and Casshyap, S. M., Gyanodaya Prakashan, Nainital, p.74-103.

Biswas, S.K. and Deshpande, S.V. (1968), The basement of the Mesozoic sediments of Kutch, Western India, Bull. Min. Met. Soc. India, No.40, p. 1-7.

Biswas, S.K. and Deshpande, S.V. (1970), Geological and Tectonic maps of Kutch, Bull. O. N. G. C.,

v-7, No. 2, p. 115-123.

Biswas, S.K. and Deshpande, S.V. (1983), Geology and hydrocarbon prospects of Kutch, Saurashtra and Narmada Basins. In: L.L. Bhandari, B.S. Venkatachala, R. Kumar, S.N. Swamy, P. Garga and D.C. Srivastava (eds.), *Petroliferous Basins of India*. *Petrol. Asia Jour.* v-6(4), p. 111-126.

Blanckenhorn, M. (1916), *Organische Reste im mittleren Buntsandstein Hessens*: *Gesell. z. Beforderung gesamten Naturwiss. Marburg, Sitzungsber.*, 1916, p. 21-43.

Blanford, W.T. (1867), On the Geology of a portion of Cutch, *Mem. Geol. Sur. India*, vol-VI, pt. 2, p. 17-38.

Blanford, W.T. (1876), On the Geology of Sind, *Rec. Geol. Surv. Ind.*, v-9, p. 8-22.

Bluck, B.J. (1967), Deposition of some Upper Old Red sandstone conglomerates in the Clyde area: A study in the significance of bedding. *Scott. J. Geol.*, v-3, p.139-167.

Boothroyd, J.C. and Hubbard, D.K. (1975), Genesis of bed forms in mesotidal estuaries. In *Estuarine Research, V.II, Geology and Engineering* (Ed. by L.E. Cronin), p.217-234. Acad. Press, New York.

Bornemann, J.G. (1889), *Über den Buntsandstein in Deutschland und seine Bedeutung für die Trias*: *Beiträge Geologie, Paläontologie*, v-1, 61p., 3 pl.

Bottjer, D.J., Arthur, M.A., Dean, W.E., Hattin, D.E. and Savrda, C.E. (1986), Rhythmic bedding produced in Cretaceous pelagic carbonate environments: Sensitive recorders of climatic cycles: *Paleoceanography*, v-1, p. 467-481.

Bose, P.K., Shome, S., Bardhan. S. and Ghosh. G. (1986), Facies mosaic in the Ghuneri Member (Jurassic) of the Bhuj Formation, Western Kutch, India., *Sed. Geol.*, v-46, p. 293-309.

Bosence, D.W.J. (1973), Facies relationships in a tidally influenced environment. *Geol. Mijnb.*, v-52, p.63-67.

Bosence, D.W.J. (1976), Ecological studies on two unattached coralline algae from western Ireland. *Palaeontology*, v-19, p.365-395.

Bouček, B. and Elias, M. (1962), O novém Zájímavém bioglyfu I. Paleogenu Československých flysovců karpát., *Geol. Práce Zpravy*, v-25-26, p. 145-151.

Bourgeois, J. (1984), Utilization of physical and biogenic sedimentary structures to interpret the nature of deposition in shallow seas, p. 4-25. In Y.A. Park, O.H. Pilkey, and S.W. Kim (eds.). *Marine Geology*

and Physical Processes of the Yellow Sea. Proceedings of Korea-U.S. Seminar and Workshop, Korea Institute of Energy Resources, Seoul, Korea.

Bradley, W.H. (1973), Oil Shale Formed in desert environment: Green River Formation, Wyoming. Bull. geol. Soc. Am, v-84, p.1121-1124.

Brenninkmeyer, B. (1976), Sand fountains in the surf zone. In: Beach and nearshore Sedimentation (Ed. by R.A. Davis Jr. and R.L. Ethington), p.69-91. Spec. Publ. Soc. Econ. Palent. Miner., v-24, Tulsa.

Bridges, P.H. (1976), Lower Silurian transgressive barrier islands, southwest Wales. Sedimentology, v-23, p.347-362.

Bromley, R.G. (1975), Trace fossils at omission surfaces. In: The Study of Trace Fossils (Ed. by R. W. Frey), p.399-428. Springer-Verlag, New York.

Bromley, R.G. (1990), Special topics in Palaeontology: Trace Fossils Biology and Taphonomy: Unwin Hyman, 280p.

Bromley, R.G. and Asgaard, U. (1972), Notes on Greenland trace fossils-III, a large radiating burrow system in Jurassic Micaceous sandstones of Jameson Land, East Greenland, Greenlands Geol. Undersogclse, Report, v-49, p. 23-30.

Bromley, R.G. and Asgaard, U. (1979), Triassic fresh water ichnocoenoses from Carlsberg Fjord, East Greenland: Palaeogeogr. Palaeoclimatol. Palaeoecol., v-28, p. 39-80.

Bromley, R.G. and Ekdale, A.A. (1984), *Chondrites*: A trace fossil indicator of anoxia in sediments, Science, v-224, p. 872-874.

Bromley, R.G. and Ekdale, A.A. (1986), Composite ichnofabrics and tiering of burrows, Geo. Mag., v-123, p. 59-65.

Bromley, R.G. and Frey, R.W. (1974), Redescription of the trace fossil *Gyrolithes* and taxonomic evaluation of *Thalassinoides*, *Ophiomorpha* and *Spongiomorpha*, Bull. Geol. Soc. Denmark, v-23, p.311-335.

Brongniart, A.T. (1823), Observations sur les Fucoides: Soc. Histoire Nat. Paris Mem., v-1, p. 301-320, pl. 19-21.

Brongniart, A.T. (1828), Histoire des vegetaux fossiles ou recherches botaniques et geologiques sur les vegetaux renfermes dans les diverses couches du globe: G'Dufour & E. d'Ocagne (Paris), v-1, p. 1-136,

(1828a), pl. 1-166.

Cameron, W.M. and Pritchard, D.W. (1963), Estuaries. In *The Sea* (Ed. by M.N. Hill), v-2, p.306-324. John Wiley, New York.

Casshyap, S.M., Dev, P., Tewari, R.C. and Raghuvanshi, A.K.S. (1983), Ichnofossils from Bhuj Formation (Cretaceous) as palaeoenvironmental parameters, *Curr. Sci.*, v-52, p. 73-74.

Chamberlain, C.K. (1971a), Morphology and ethology of trace fossils from the Ouachita Mountains, southeast Oklahoma, *Jour. Paleon.*, v-45, p. 212-246.

Chamberlain, C.K. (1971b), Bathymetry and Paleoecology of Ouachita geosyncline of southeastern Oklahoma as determined from trace fossils. *AAPG Bull.*, v-55, p. 34-50.

Chamberlain, C.K. (1977), Ordovician and Devonian trace fossils from Nevada. Nevada Bureau of Mines and Geology Bull. v-90, p. 5-24.

Cheel, R.J. and Leckie, D.A. (1992), Coarse grained storm beds of the Upper Cretaceous Chungo Member (Wapiabi Formation), Southern Alberta, Canada, *Jour. Sedi. Petrol.*, v-62, No. 6, p. 933-945

Clifton, H.E., Hunter, R.E. & Phillips, R.L. (1971), Depositional structures and processes in the non-barred, high energy nearshore. *J. Sedim. Petrol.*, v-41, p.651-670.

Coleman, J.M. and Wright, L.D. (1975), Modern river deltas: variability of processes and sand bodies. In *Deltas, Model for Exploration* (Ed. by M.L. Broussard), p.99-149. Houston Geol.Soc. Houston.

Coleman, S.M., Berquist, C.R. Jr., and Hobbs III, C.H. (1988), Structure, age and origin of the bay-mouth shoal deposits, Chesapeake Bay, Virginia: *Marine Geology*, v-83, p. 95-113.

Colinson, J.D. and Thompson, D.B. (1982), *Sedimentary Structures*, George Allen & Unwin, London.

Conkin, J.E. and Conkin, B.M. (1968), *Scalarituba missouriensis* and its stratigraphic distribution: Univ. Kansas Paleont. Contrib., Paper 31, p. 1-7, pl. 1-4.

Cook, D.O. (1970), Occurrence and geologic work of rip currents in southern California. *Mar. Geol.*, v-9, p.173-186.

Cook, D.O. and Gorsline, D.S. (1972), Field observations of sand transport by shoaling waves. *Mar. Geol.*, v-13, p.31-56.

Cotton, C.A. (1952), Criteria for the classification of coasts. 17th Int. Geog. Congr. Abs., p. 15.

Cox, L.R. (1940), The Jurassic Lamellibranch fauna of Cutch. *Palaeontol. Indica* (Geol. Surv. Ind.), Ser.

9, v-3(3), 157p.

Cox, L. R. (1952), The Jurassic Lamellibranch fauna of Kutch (Kachh). Pal. Ind. (Geol. Surv. Ind.), Ser. 9, v-3(4), (supplement), 128p.

Craft, J.H. and Bridge, J.S. (1987), Shallow marine sedimentary processes in the Late Devonian Catskill Sea, New York State, Geol. Soc. America Bull., v-98, p. 338-355.

Crimes, T.P. (1970), Trilobite track and other trace fossils from the Upper Cambrian of North Wales, Geol. Jour., v-7, p. 47-68.

Crimes, T.P. (1973), From limestones to distal turbidites: a facies and trace fossil analysis in the Zumaya flysch (Paleocene-Eocene), North Spain, Sedimentology, v-20, p. 105-131.

Crimes, T.P. (1975), The stratigraphical significance of trace fossils, p. 109-130, In R. W. Frey (ed.), The Study of Trace Fossils. Springer-Verlag, New York.

Crimes, T.P. and Anderson, M.M. (1985), Trace fossils from Late Precambrian-Early Cambrian strata of south-eastern Newfoundland (Canada): Temporal and environmental implications, Jour. Paleont. v-59, p. 310-343.

Curren, H.A. (1985), Biogenic Structures: Their Use in Interpreting Depositional Environments, 347p. SEPM, Special Publication No. 35, Tulsa, Oklahoma, U.S.A.

Curren, H.A. (1985), The trace fossil assemblage of a Cretaceous near shore environment: Englishtown Formation of Delaware, U.S.A., p. 261-276. In H. A. Curren (ed.), Biogenic Structures: Their Use in Interpreting Depositional Environments, SEPM, Special Publication No. 35.

Curren, H.A. and Frey, R.W. (1977), Pleistocene trace fossils from North Carolina (USA) and their Holocene analogues. In T. P. Crimes and J. C. Harper (eds.) Trace Fossils, Geol. Jour. Spl. Issue-9, Seel House Press, Liverpool, p. 139-162.

Dahmer, G. (1937), Lebensspuren aus dem taunnsquartzit und den Siegener Schichten (Unterdevon): Preuss. Geol. Landesanst., Jahrb., 1936, v-57, p. 523-539, text fig. 1, 2, pt. 31-35.

Dalrymple, R.W., Zaitlin, B.A. and Boyd, R. (1992), Estuarine Facies Models: Conceptual Basis and Stratigraphic Implications : Jour. Sedi. Petrol., v-62, no. 6, p. 1130-1146.

Davies, D.K., Ethridge, F.G. & Berg, R.R. (1971), Recognition of barrier environments. Bull. Am. Ass. Petrol. Geol., v-55, p.550-565.

Davies, J.L. (1964), A morphogenic approach to world shorelines. *Zeits. Geomorph.*, v-8 (Sp. No.), p. 127-142.

Davis, R.A.Jr., Fox, W.T., Hayes, M.O. and Boothroyd, J.C. (1972), Comparison of ridge and runnel systems in tidal and nontidal environments. *J. Sedim. Petrol.*, v-32, p. 413-421.

DeCelles, P.G. (1987), Variable preservation of Middle Tertiary, coarse grained nearshore to outer shelf storm deposits of Southern California: *Jour. Sedi. Petrol.*, v-57, p. 250-264.

Defant, A. (1958), *Ebb and Flow, The Tides of Earth, Air and Water*, Univ. Michigan Press p. 121.

Deshpande, S.V. (1972), *Geology of Wagad hills, Eastern Kutch, with special reference to stratigraphy and structure*: Unpublished Ph.D. thesis submitted to the M.S. Uni. of Baroda, Vadodara, 319p.

Desio, A. (1940), *Vestigia problematiche paleozoiche della Libia*: *Ann. Museo Libico Storia Naturale*, v-2, p. 47-92, 13pl. (Publ. Ist Geol. Pal. Geogr. fibr. Univ. Milano, Ser. pal., v-20, Milano).

Dickinson, K.A. (1971), Grainsize distribution and the depositional history of northern Padre Island, Texas. *Prof. Pap. U.S. geol. Surv.*, 750C, C1-C6.

Dickinson, K.A., Berryhill, H.L.Jr. and Holmes, C.W. (1972), Criteria for recognizing ancient barrier coastlines. In: *Recognition of Ancient Sedimentary Environments* (Ed. by J.K. Rigby and W.K. Hamblin), p. 192-214. *Spec. Publ. Soc. econ Paleont. Miner.*, v-16, Tulsa.

Dobkins, J.E. and Folk, R.L. (1970), Shape development of Tahiti-Nui: *Jour. Sedi. Petrol.*, v-40, p. 1167-1203.

Dott, R.H. Jr. (1983), Episodic sedimentation - how normal is average? How rare is rare? Does it matter? *J. Sedi. Petrol.*, v-53, p 5-23.

Dott, R.H. Jr. and Bourgeois, J. (1982), Hummocky Stratification: significance of its variable bedding sequences., *Bull. Geol. Soc. America*, v-93, p. 663-680.

Dorges, J. and Hertweck, G. (1975), Recent biocoenoses and ichnocoenoses in shallow water marine environments, p. 459-491., In R. W. Frey (ed.), *The Study of Trace Fossils*, Springer-Verlag, New York.

Dorjes, J. and Howard, J.D. (1975), Fluvial marine transition indicators in an estuarine environment, Ogeechee River-Ossabaw Sound: *Senckenbergiana Maritima*, v-7, p. 137-180.

Duke, W.L. (1985), Hummocky cross stratification, tropical hurricanes, and intense winter storms: *Sedimentology*, v-32, p. 167-194.

Duke, W.L. (1990), Geostrophic circulation or shallow marine turbidity currents? The dilemma of paleoflow patterns in storm influenced prograding shoreline systems, *Jour. Sedi. Petrol.*, v-60, p. 870-883.

Eager, R.M.C. et al. (1985), Trace fossil assemblages and their occurrence in Silesian (Mid-Carboniferous) deltaic sediments of the Central Pennine Basin, England, p. 99-105. In H. A. Curren (ed.), *Biogenic Structures: Their Use in Interpreting Depositional Environments*, SEPM, Special Publication No. 35.

Eder, W. (1982), Diagenetic redistribution of carbonate, a process in forming limestone/marl alternations (Devonian and Carboniferous, Rheinisches Schiefergebirge, W. Germany). In: G. Einsele and A. Seilacher (eds.), *Cyclic and event stratifications*, p. 98-112, Springer, Berlin.

Ehrenberg, K. (1944), Ergänzende Bemerkungen zu den seinerzeit aus dem Miozan von Burgschleinitz beschriebenen Gangkernen und Bauten der kapoder Krebse: *Palaont. Zeitschr.*, v-23, p. 354-359.

Einsele, G. (1985), Response of sediments to sea level changes in differing subsiding storm-dominated marginal and epeiric basins. In: Bayer, U. and Seilacher, A. (eds.) *Sedimentary and evolutionary cycles. Lecture notes in Earth Sciences - 1*, Springer, Berlin, p. 68-97.

Ekdale, A.A. (1977), Abyssal trace fossils in worldwide deep sea drilling project cores. In T. P. Crimes and J. C. Harper (eds.) *Trace Fossils 2: Geological Journal Special Issue 9*, p. 163-183.

Ekdale, A.A. (1985), Paleoeology of the marine endobenthos, *Palaeogeog. Palaeoclimat. Palaeoecol.*, v-50, p. 63-81.

Ekdale, A.A., Bromley, R.G. and Pemberton, S.G. (1984), *Ichnology; Trace Fossils in Sedimentology and Stratigraphy*, SEPM, Short Course No. 15, 317p.

Elliott, T. (1978), Deltas; Clastic Shorelines, p. 143-175. In H.G. Reading (ed.), *Sedimentary Environments and Facies*, Blackwell Scientific Publ., Oxford-London, 569p.

Elliott, T. (1986), Deltas, In H. G. Reading (ed.), *Sedimentary Environments and Facies*, 2nd Edition, 1986, p. 615, Blackwell Scientific Publications.

Emery, K.O. (1952), Continental shelf sediments off southern California. *Bull. geol. Soc. Am.*, v-63, p. 1105-1108.

Emery, K.O. (1968), Relict sediments on continental shelves of the world. *Bull. Am. Ass. Petrol. Geol.*, v-52, p. 445-464.

- Evans, G.** (1965), Intertidal flat sediments and their environments of deposition in the Wash. Quart. J. geol. Soc. Lond., v-121, p.209-245.
- Evans, G.** (1975), Intertidal flat deposits of the Wash, western margin of the North Sea. In: Tidal Deposits: A Casebook of Recent Examples and Fossil Counterparts (Ed. by R.N. Ginsburg), p. 13-20. Springer Verlag, Berlin.
- Ferm, J.C.** (1962), Petrology of some Pennsylvanian sedimentary rocks. J. Sedim. Petrol., v-32, p. 104-123.
- Fillion, D.** and Pickerill, R. K. (1984), On *arthraria antiquata* billings, 1872 and its relationship to *Diplocraterion* Torell, 1870 and *Bifungites* Desio, 1940, Jour. Paleontol., v-58, p. 683-696.
- Fillion, D.,** Pickerill, R.K. and Harland, T.L. (1984), Influence of diagenesis on the production, preservation and sampling of ichnofossils within Carbonate sequence: examples from the Ordovician intracratonic basin of the Lac-st-Jean and Chicoutimi areas (Quebec), Geobios, v-23(4), p. 485.
- Fisher, W.L.,** Brown, L.F., Scott, A.J. and McGowen, J.H. (1969), Delta systems in the exploration for oil and gas. Bur. econ. Geol., Univ. Texas, Austin, p. 78.
- Forbes, E.** (1849?), On *Oldhamia*, a new genus of Silurian fossils: Geol. Soc. Dublin, Jour., v-4, (1848-50), p. 20 (1851). (Exact date of pt. 1, vol. 4, not determined; probably Feb., 1849).
- Frey, R.W.** (1970), The lebensspuren of some common marine invertebrates near Beaufort, North Carolina, 2 anemone burrows, Jour. Paleont., v-44, p. 308-311.
- Frey, R.W.** (1971), Ichnology-the study of fossil and recent lebensspuren. In: Trace Fossils (Ed. by B.F. Perkins), p. 91-125. Louisiana State Univ., Misc. Publ. 71-1.
- Frey, R.W.** (1975), The realm of ichnology, its strengths and limitations, p. 13-38. In R. W. Frey (ed.), The Study of Trace Fossils, Springer-Verlag, New York.
- Frey, R.W.** (ed.), (1975), The Study of Trace Fossils: A Synthesis of Principles, Problems and Procedures in Ichnology, 562p. Springer-Verlag, Berlin Heidelberg New York.
- Frey, R.W.** and Bromley, R.G. (1985), Ichnology of American Chalks: the Selma Group (Upper Cretaceous), Western Alabama: Canadian Jour. Earth Sci., v-22, p. 801-828.
- Frey, R.W.** and Cowles, J.G. (1969), New observations on *Tisooa*, a trace fossil from the Lincoln Creek Formation (mid Tertiary) of Washington: The Compass, v-47, p. 10-22, text fig. 1, 4pl.

Frey, R.W. and Cowles, J.G. (1972), The trace fossil *Tisooa* in Washington and Oregon: *Ore Bin*, v-34, no. 7, p. 113-119, text fig. 1-4.

Frey, R.W. and Howard, J.D. (1970), Comparison of Upper Cretaceous ichnofaunas from siliceous sandstone and chalk, western interior region, USA. In T.P. Crimes and J.C. Harper (eds.), *Trace Fossils*, Geological Journal Special Issue 3.

Frey, R.W. and Howard, J.D. (1985), Trace fossils from the Panthar Member, Star Point Formation (Upper Cretaceous), Coal Creek Canyon, Utah, *Jour. Paleont.* v-59, p. 370-404.

Frey, R.W. and Howard, J.D. (1990), Trace fossils and depositional sequences in a clastic shelf setting, Upper Cretaceous of Utah., *Jour. Palaeont.* v-64, No. 5, p.803.

Frey, R.W., and Pemberton, S.G. (1984), Trace fossil facies models; p. 189-207, In R. G. Walker (ed.), *Facies Models*, 2nd ed., Geoscience Canada Reprint Series.

Frey, R.W. and Seilacher, A. (1980), Uniformity in marine invertebrate ichnology, *Lethaia*, v-13, p. 183-207.

Frey, R.W., Howard, J.H. and Pryor, W.A. (1978), *Ophiomorpha*: its morphologic, taxonomic and environmental significance, *Palaeogeog. Palaeoclimat. Palaeoecol.*, v-23, p. 199-299.

Frey, R.W., Pemberton, S.G. and Saunders, T.D.A. (1990), Ichnofacies and bathymetry: a passive relationship, *Jour. Palaeon.*, v-64, p. 155-158.

Frey, R.W. and Wheatcroft, R.A. (1989), Organism - substrate relations and their impact on sedimentary petrology, *Jour. Geol. Educ.* v-37, p. 261-279.

Fuhrmann, W. (1968), Sandkristalle und Kugelsandstein, Ihre Rolle bei der Diagenese von Sanden: *Der Aufschluss*, v-5, p. 105-111.

Fursich, F.T. (1973), A revision of the trace fossils *Spongiomorpha*, *Ophiomorpha* and *Thalassinoides*., *Neues Jr. Geol. Palaeont. Mh.* 12, 719p.

Fursich, F.T. (1974a), Corallian (Upper Jurassic) trace fossils from England and Normandy, *Stuttgarter Beitrage Zur Naturkunde, Serie B (Geologie and Palaeontologie)*, v-13, p. 1-52.

Fursich, F.T. (1974b), Trace fossils as environmental indicators in the Corallian of England and Normandy, *Lethaia*, v-8, p. 151-172.

Fursich, F.T. (1974c), On *Diplocraterion* Torell, 1870 and the significance of morphological features in vertical, spreiten bearing, U-shaped trace fossils., Jour. Paleont., v-48, p. 952-962.

Fursich, F.T. and Heinberg, C. (1983), Sedimentology, biostratigraphy, and paleoecology of an Upper Jurassic offshore sand bar complex, Bull. Geol. Soc., Denmark, v-31, p. 67-95.

Fursich, F.T., Oschmann, W., Jaitley, A.K. and Singh, I.B. (1991), Faunal response to transgressive-regressive cycles: examples from the Jurassic of western India. Palaeogeog. Palaeoclim. Palaeoeco., v-85, p. 149-159.

Fursich, F.T., Oschmann, W., Singh, I.B. and Jaitley, A.K. (1992), Hardgrounds, reworked concretion levels and condensed horizons in the Jurassic of western India: their significance for basin analysis, Jour. Geol. Soc., London, v-149, p. 313-331.

Gevers, T.W. (1973), A new name for the ichnogenus *Arthropodichnus* Gevers, 1971: Jour. Paleontology, v-47, no.5, p. 1002.

Gevers, T.W., Frakes, L.A., Edwards, L.N. and Marzolf, J.E. (1971), Trace fossils in the Lower Beacon sediments (Devonian), Darwin Mountains, South Victoria Land, Antarctica: Jour. Paleontology, v-45, p. 81-94, pl. 18-20.

Geyer, O.F. (1971), Zur palaobathymetrischen Zuverlässigkeit von Ammonoideen - Faunen Spektren palaeo., v-10, p. 265-272.

Ghare, M.A. and Kulkarni, K.G. (1986), Jurassic ichnofauna of Kutch-II: Wagad region., Biovigyanam, v-12, p. 44-62.

Ghevariya, Z.G. and Srikarni, C. (1990), Chandigarh Symposium, 106p., edited by A. Sahni and A. Jolly, 1990.

Ghevaria, Z.G. and Srikarni, C. (1990), Anjar Formation, its fossils and their bearing on the extinction of dinosaurs. In: Cretaceous event: Stratigraphy and the Correlation of the Indian non-marine strata. Contrib. Seminar cum Workshop, IGCP-216 and -245, Chandigarh, 1990 (eds. A. Sahni and A. Jolly), p. 94-98.

Ghosh, D.N. (1969a), Depositional environment in the development of Patcham-Chari sequence in Kutch., Proc. 56th Ind. Sci. Congr., Abstr., (pt.III), p. 214.

Ghosh, D.N. (1969b), Biostratigraphic classification of the Patcham-Chari sequence at the Jumara section, Kutch., Proc. 56th Ind. Sci. Cong., pt-III, p. 214.

Gibling, M.R. (1977), Cyclic sedimentation on coastal flats in the Upper Silurian of Somerset Island,

Arctic Canada. Geol. Soc. Am. Abstr. with programs, v-9(3), p. 268.

Glocker, F.E. (1841), Über die Kalkführende Sandsteinformation auf beiden Seiten der mittleren March in der Gegend zwischen Kwassitz und Kremsier: Nova Acta Acad. Caes. Leop. Carol. German. Natur. Curios., v-19, suppl. 2, p. 309-334, pl. 4.

Glocker, F.E. (1850), Über einige neue fossile Thierformen aus dem Gebiete des Karpathensandsteins: Nova Acta Acad. Caes. Leop.-Carol. German Natur. Curios., v-22, pt. 2, p. 935-946, pl. 73.

Goldfuss, G.A. (1831), Petrefacta Germaniae: 1. Theil, 252p., 71 pl., Arnz & Co. (Dusseldorf).

Goldering, R. (1962), The Bathyal Lull: Upper Devonian and Lower Carboniferous sedimentation on the Variscan geosyncline. In: Some Aspects of the Variscan Fold Belt (Ed. by K. Coe), p. 75-91. Manchester Univ. Press, Manchester.

Goldring, R. (1964), Trace fossils and the sedimentary surface in shallow water marine sediments., In Van Straaten, L. M. J. U. (ed.), Deltaic and Shallow Marine Sedimentation: Developments in Sedimentology, v-1, p. 136-143.

Goppert, H.R. (1860), Über die fossile Flora der silurischen, der devonischen und unteren Kohlenformation oder des sogenannten Übergangsgebirges: Nova Acta Caes. Leop.-Carol. German Natur. Curios., v-27, p. 425-606, pl. 34-45.

Gottis, C. (1954), Sur un Tisoa tres abundant dans le Numidien de Tunisie: Soc. Sci. Nat. Tunisie Bull., v-7, p. 183-192, pl. 25-27.

Gotzinger, G. and Becker, H. (1932), Zur geologischen Gliederung des Wienerwaldflysches (Neue Fossilfunde): Geol. Bundesanst. Wien, Jahrb., v-82, p. 343-396, text fig. 1-5, pl. 7-11.

Grant, C.W. (1840), Memoir to illustrate a geological map of Kutch., Trans. Geol. Soc. London., Ser. 14, v-5(2), p. 289-329.

Greenwood, B. and Sherman, D.J. (1986), Hummocky cross stratification in the surf zone: flow parameters and bedding genesis: Sedimentology, v-33, p. 33-45.

Gregory, J.W. (1893), Echinoids of Kutch., Palaeontol. Indica. (Geol. Surv. India), Ser. 9, v-2(1), 11p.

Gregory, J.W. (1900), Corals of Kutch., Palaeontol. Indica. (Geol. Surv. India), Ser. 9, v-2(2), 95p.

Gregory, M.R. (1969), Trace fossils from the turbidite facies of the Waitemata Group, Whangaporaoa Peninsula, Auckland., Trans. Roy. Soc. New Zealand Earth Sciences, v-7, p. 1-20.

Guha, D.K. and Pandey, J. (1973), Mesozoic microbiozonation and lithostratigraphy of Banni well No. 2, Kutch, India., Abst. 3rd Colloq. on Indian Micropalaeont. and Strat., M-12.

Hagdorn, H. (1982), The "Bank der Kleinen Terebraten" (Upper Muschelkalk, Triassic) near Schwabisch Hall (SW - Germany) - a tempestite condensation horizon. In: G. Einsele and A. Seilacher (eds.), Cyclic and Event Stratification: p. 263-285. Springer, Berlin.

Hakes, W.G. (1976), Trace fossils and depositional environments of four clastic units, Upper Pennsylvanian, megacyclotherms, northeast Kansas, Univ. Kansas Paleont. Contrib. 63, p. 46.

Hakes, W.G. (1977), Trace fossils in Late Pennsylvanian cyclotherms, Kansas, p. 209-226. In T. P. Crimes and J. C. Harper (eds.), Trace Fossils-2., Geological Journal, Special Issue-9, Seel House Press, Liverpool, England.

Haldeman, S.S. (1840), Supplement to number one of "A monograph of the Limniades, and other fresh-water univalve shells of North America," containing descriptions of apparently new animals in different classes, and the names and characters of the subgenera in Paludina and Anculosa: 3p., (Philadelphia).

Hall, J. (1847-52), Palaeontology of New York: State of New York (Albany, N.Y.), v-1, 338p., 87pl., (1847); v-2, 362p., (1852).

Hall, J. (1863), Observations upon some spiral growing fucoidal remains of the Paleozoic rocks of New York: New York State Cabinet, 16th Ann. Rept., p. 76-83, text-fig. 1-4.

Hallam, A. (1988), A re-evaluation of the Jurassic eustasy in the light of new data and the revised EXXON curve. In: Wilgus, C.K., Hastings, B.S., Posamentier, H., Wagoner, J.V., Ross, C.A. and Kendall, C.G.S.C. (eds.) Sea level changes - an integrated approach, SEPM, Spec. Pub., v-42, p. 261-273.

Hallam, A. and Swett, K. (1966), Trace fossils from the Lower Cambrian Pipe rock of the north-west highlands: Scottish Jour. of Geol., v-2, p. 101-106.

Hantzschel, W. (1934), Schraubenformige und Spiralige Grabgänge in turonen Sandsteinen des Zittauer Gebirges: Senckenbergiana, v-16, p. 313-324, text-fig. 1-4.

Hantzschel, W. (1962), Trace Fossils and Problematica, p. W1-W269. In I.C. Teichert (ed.), Treatise on Invertebrate Paleontology, Pt. W., Miscellanea, Supplement-1., Geol. Soc. of America and Uni. of Kansas Press, Lawrence.

Hantzschel, W. (1965), Vestigia invertebratorum et problematica., Fossilium catalogus I: Animalia,

S'Gravenhage: W.Junk, v-108, 142p.

Hantzschel, W. (1975), Trace fossils and problematica, p. 1-269. In I. C. Teichert (ed.), *Treatise on invertebrate palaeontology*, part W, *Miscellanea*, Suppl. I. Geological Society of America and University of Kansas Press, Lawrence.

Haq, B.U., Hardenbol, J. and Vail, P.R. (1987), Chronology of fluctuating sea levels since the Triassic, *Science*, v-235, p. 1156-1167.

Haq, B.U., Hardenbol, J. and Vail, P.R. (1988), Mesozoic and Cenozoic chronostratigraphy and eustatic cycles. In: *Sea Level Changes; an Integrated Approach*, (eds. *Wigus, C.K., Hastings, B.S., Kendall, C.G.st.C., Posamentier, H., Ross, C.A. and van Wagoner, J.*) Soc. Econ. Paleontol. Min. Spec. Pub., v-42, p. 71-168.

Hardas, M.G. (1968), *Geology of the area to the South and Southwest of Bhuj, Dist. Kutch, Gujarat, with special reference to its stratigraphy, sedimentation and structure* (Unpublished) Ph.D. Thesis submitted to M.S. University of Baroda.

Harland, W.B., Armstrong, R.L., Cox, A.V., Craig, L.E., Smith, A.G. and Smith, D.G. (1990), *A geologic time scale 1989*, Cambridge Uni. Press, Cambridge, 263p.

Harms, J.C., Southard, J., Spearing, D.R. and Walker, R.G. (1975), Depositional environments as interpreted from primary sedimentary structures and stratification sequences. *Lecture Notes: Soc. econ. Paleont. Min., Short Course 2*, Dallas, 161p.

Harms, J.C., Southard, J.B. and Walker, R.G. (1982), Structures and sequences in clastic rocks: SEPM Short Course Notes, no. 9, 249p.

Harris, P.T. (1988), Large-scale bed forms as indicators of mutually evasive sand transport and the sequential infilling of wide-mouthed estuaries: *Sedimentary Geology*, v-57, p. 273-298.

Harris, P.T. and Collins, M.B. (1985), Bed form distribution and sediment transport paths in the Bristol Channel and Severn Estuary: *Marine Geology*, v-62, p. 153-166.

Harris, P.T. and Jones, M.R. (1988), Bed form movement in a marine tidal delta: air photo interpretation: *Geological Magazine*, v-125, p. 31-49.

Hart, B.S. and Flint, A.G. (1989), Gravelly shoreface deposits: a comparison of modern and ancient facies sequences: *Sedimentology*, v- 36, p. 551-557.

- Hattin, D. E.** and Frey, R. W. (1969), Facies relations of *Crossopodia Sp.* a trace fossil from the Upper Cretaceous of Kansas, IOWQ, Oklahoma, Jour. Paleont., v-43, No. 6, p. 1435-1440.
- Hayes, M.O.** (1975), Morphology of sand accumulation in estuaries: an introduction to the symposium. In: Estuarine Research, v-II, Geology and Engineering (Ed. by L.E. Cronin), p. 3-22, Acad. Press, London.
- Hayes, M.O.** and Kana, T.W. (1976), Terrigenous clastic depositional environments - some modern examples, p. I.131-II.184, Tech. Rept. 11- CRD, Coastal Res. Div., Univ. South Carolina.
- Heckel, P.H.** (1972), Recognition of ancient shallow marine environments. In: Recognition of Ancient Sedimentary Environments (Ed. by J.K. Rigby and W.K. Hamblin), p. 226-286. Spec. Publ. Soc. econ. Paleont. Miner., v-16, Tulsa.
- Hedberg, H.D.** (1972), International code of stratigraphic nomenclature.
- Heer, O.** (1864-65), Die Urwelt der Schweiz: F. Schulthess (Zurich), 622p., 368 text-fig., 11pl.
- Heer, O.** (1876-77), Flora fossils Helvetiae Die vorweltliche Flora der Schweiz. Zurich: J. Wurster & Co. (Zurich), 182p. 70 pl.
- Heinberg, C.** (1973), The internal structure of the trace fossils *Gyrochorte* and *Curvoliths*, Lethaia, v-6, p. 227-238.
- Henbest, L.G.** (1960), Fossil spoor and their environmental significance in Morrow and Atoka Series, Pennsylvanian, Washington County, Arkansas: U.S. Geol. Survey, Prof. Paper, 400-B, p. 383-385, 1pl.
- Hertweck, G.** (1970a), The animal community of a muddy environment and the development of biofacies as effected by the life cycle of the characteristic species, Geol. Jour. Special Issue - 3, p. 235-242.
- Hitchcock, E.** (1858), Ichnology of New England: A report on the sandstone of the Connecticut Valley, especially its foot prints: W. White (Boston), 220p., 60pl.
- Holmes, A.** (1965), Principles of physical geology, Thomas Nelson, London, p.1288.
- Horne, J.C.,** Ferm, J.C., Caruccio, F.T., and Baganz, B.P. (1978), Depositional models in coal exploration and mine planning in Appalachian region: Am. Assoc. Petroleum Geologist Bull., v-62, p. 2379-2411.
- Horne, R.R.** and Gardiner, P.R.R. (1973), A new trace fossil from non- marine upper Paleozoic red beds

in County Wexford and County Kerry, Ireland: *Geologie en Mijnbouw*, v-52, no. 3, p. 125-131, text-fig. 1, 2, pl. 1-5.

Howard, J.D. (1972), Trace fossils as criteria for recognizing shorelines in the stratigraphic record. In: *Recognition of Ancient Sedimentary Environments* (Ed. by J.K. Rigby and W.K. Hamblin), p. 215-225. Spec. Publ. Soc. econ. Paleont. Miner., v-16, Tulsa.

Howard, J.D. (1975), The sedimentological significance of trace fossils., p. 131-146. In R. W. Frey (ed.), *The Study of Trace Fossils.*, Springer-Verlag, New York.

Howard, J. D. and Frey, R. W. (1975), Regional animal sediment characteristics of Georgia estuaries, *Senckenbergiana Marit*, 7, p. 33- 103.

Howard, J. D. and Frey, R. W. (1984), Characteristic trace fossils in nearshore to offshore sequences, Upper Cretaceous of east-central Utah., *Canad. Jour. Earth Sciences*, v-21, p. 200-219.

Howard, J. D. and Reineck, H. (1981), Depositional facies of high energy beach to offshore sequence: comparison with low energy sequence., *AAPG Bull.*, v-65, p. 807-830.

Howard, J. D. and Singh, I. B. (1985), Trace fossils in the Mesozoic sediments of Kachchh, Western India., *Palaeogeogr. Palaeoclimat. Palaeoecol.*, v-52, p. 99-122.

Howard, J.D., Elders, C.A. and Heinbokel, J.F. (1975), Animal sediment relationships in estuarine point bar deposits, Ogeechee River, Ossabaw Sound, Georgia: *Senckenbergiana Maritima*, v-7, p. 181-204.

Howard, J.D., Frey, R.W. and Reineck, H.E. (1972), Introduction. *Seckenberg. Mar.*, v-4, p. 3-14.

Howard, J.D., Valentine, J.W. and Warme, J.E. (1971), Recent advances in paleoecology and ichnology. *American Geol. Inst. Short Course Lecture Notes*, 268p.

Howell, B. F. (1957), New Cretaceous Scolelessiform and annelia from Colorado, *Jour. Paleont. Soc. India*, v-2, p. 149-152.

Hoyt, J.H. and Henry, V.J. (1967), Influence of island migration on barrier island sedimentation. *Bull. Geol. Soc. Am.*, v-78, p. 77-86.

Hughes, N.F. (ed.) (1973), *Organisms and Continents through time*, Spec. Pap. *Palaeont.*, v-12, p. 199-234.

Ingle, J.C. (1966), The movement of beach sand, *Developments in Sedimentology*, v-5, 221p. Elsevier,

Amsterdam.

Ingle, R.W. (1966), An account of the burrowing behaviour of the amphipod *Corophium arenarium* Crawford (Amphipoda: Corophiidae). *Ann. Mag. Nat. Hist.*, v-13, no. 9, p. 309-317.

Inman, D.L. and Norestrom, C.E. (1971), On the tectonic and morphologic classification of coasts. *J. Geol.*, v-79, p. 1-21.

Jaikrishna, (1983), Reappraisal of the marine and/or “mixed” Lower Cretaceous sedimentary sequences of India: palaeogeography and time boundaries., In *Cretaceous of India.*, Ind. Asso. Palynostrati., Lucknow, p. 94-119.

Jaikrishna, Singh, I. B., Howard, J. D. and Jafar, S. A. (1983), Implications of new data on Mesozoic rocks of Kachchh, Western India., *Nature*, v-305, p. 790-792.

Jaitley, A. K. and Singh, C. S. P. (1983), Discovery of the Late Bajocian ‘*Leptosphictes*’ Buckman (Jurassic Ammonitina) from Kachchh, Western India., *Neues Jahrb. Geol. Palaeontol. Monatsh.*, v-2, p. 91-96.

Jaitley, A. K. and Singh, C. S. P. (1983), A new species of *Pronovella* Fischer (Bivalvia) from the Bathonian (Middle Jurassic) rocks of Kaladonger, Patcham Island, Kachchh, *Jour. Geol. Soc. India*, v-24(9), p. 496.

Johnson, D.W. (1919), *Shore processes and shoreline development*, 584p., John Wiley, New York.

Johnson, H.D. (1975), Tide and wave dominated inshore and shoreline sequences from the Late PreCambrian, Finnmark, north Norway. *Sedimentology*, v-22, p. 45-73.

Johnson, H.D. (1978), Shallow Siliciclastic Seas, p. 207-257. In H.G. Reading (ed.), *Sedimentary Environments and Facies*, Blackwell Scientific Publ., Oxford-London., 569p.

Jordan, D. W. (1985), Trace fossils and depositional environments of Upper Devonian black shales, east-central Kentucky, U.S.A., p. 279-298. In H. A. Curren (ed.), *Biogenic Structures: Their Use in Interpreting Depositional Environments*, SEPM, Special Publication No. 35.

Kanjilal, S. (1978), Geology and stratigraphy of the Jurassic rocks of Habo hill, District Kutch (Gujarat)., *Proc. Ind. Nat. Sci. Acad.*, v-44A(1), p. 1-15.

Karaszewski, W. (1971), Some fossil traces from the lower Liassic of the Holy Cross Mountains, Central Poland, *Bull. Acad. Polon. Sci. Ser., Sci. de la Terre*, v-19, p. 101-105.

- Kazmierczak, J.** and Pszczolkowski, A. (1969), Burrows of Enteropneusta in Muschelkalk (Middle Triassic) of the Holy Cross Mountains, Poland: *Acta Palaeont. Polonica*, v-14, p. 299-318, text-fig. 1-9, pl. 1-5 (Pol. and Russ. Summ.).
- Kennedy, W. J.** (1967), Burrows and surface traces from the Lower Chalk of Southern England, *Bull. Brit. Mus. (Nat. Hist.), Geol.*, v-15, p. 127-167.
- Kennedy, W. J.** (1975), Trace fossils in carbonate rocks, p. 377-398. In R. W. Frey (ed.), *The Study of Trace Fossils.*, Springer-Verlag, New York.
- Kern, J. P.** (1978), Paleoenvironment of new trace fossils from the Eocene Mission Valley Formation., *Jour. Paleont.*, v-52, p. 186-194.
- Kern, J. P.** and Warme, J. E. (1974), Trace fossils and bathymetry of the Upper Cretaceous Point Loma Formation, San Diego, California., *Geol. Soc. America Bull.*, v-85, p. 893-900.
- Kinahan, J.R.** (1858), On the organic relations of the Cambrian rocks of Brag (County of Wicklow) and Howth (County of Dublin); with notices of the most remarkable fossils: *Geol. Soc. Dublin Jour.*, v-8, (1957- 1860), p. 68-72, pl. 6, 7.
- Kitchell, J. A.** and Clark, D. L. (1979), A multivariate approach to biofacies analysis of deep sea traces from the Central Arctic., *Jour. Paleont.*, v-53, p. 1045-1067.
- Kitchin, F. F.** (1900), The Jurassic fauna of Kutch: The Brachiopods of Kutch., *Palaeont. Indica.*, (Geol. Sur. India), Ser.9, pt. 1, v-3(1), 87p.
- Kitchin, F. F.** (1903), The Jurassic fauna of Kutch: The Lamellibranchiata of Kutch., *Palaeont. Indica.*, (Geol. Sur. India), Ser.9, v-3(2), 112p.
- Kitchin, F.F.** (1903), Jurassic fauna of Kutch, Genus *Trigonia*, *Paleo. Indica*, ser. IX, v-111, pt. 2.
- Klein, G. De V.** (1963), Bay of Fundy intertidal zone sediments. *J. Sedim. Petrol.*, v-33, p. 844-854.
- Klein, G. De V.** (1967b), Comparison of recent and ancient tidal flat and estuarine sediments. In: *Estuaries* (Ed. by G.H. Lauff), p. 207- 218. Am. Ass. Adv. Sci., Washington.
- Klein, G. De V.** (1970a), Depositional and dispersal dynamics of intertidal sand bars. *J. Sedim. Petrol.*, v-40, p. 1095-1127.
- Klein, G. De V.** (1970b), Tidal origin of a PreCambrian Quartzite - the Lower Fine Grained Quartzite (Middle Dalradian) of Islay, Scotland. *J. Sedim. Petrol.*, v-40, p. 973-985.

Klein, G. De V. (1971), A sedimentary model for determining paleotidal range. *Bull. geol. Soc. Am.*, v-82, p. 2585-2592.

Knight, R.J. and Dalrymple, R.W. (1975), Intertidal sediments from the south shore of Cobequid Bay, Bay of Fundy, Nova Scotia, Canada, In Ginsberg, R.N. (ed.), *Tidal deposits*: New York, Springer-Verlag, p. 47-55.

Koshal, V. N. (1973), Miospore assemblages from subsurface sediments of Banni, Kutch., *Abstr.*, 3rd Colloq. on Micropalaeont. and Indian Stratigr., Chandigarh, p. 7-8.

Koshal, V. N. (1984), Differentiation of Rhaetic sediments in the sub-surface of Kutch based on Palynofossils., *Petroleum Asia Jour.*, v-7(1), p. 102-105.

Kreisa, R. D. (1981), Storm generated sedimentary structures in subtidal marine facies with examples from the Middle and Upper Ordovician of southwestern Virginia, *Jour. Sedim. Petrol.*, v-51, No. 3, p. 823-848.

Krishna, J. (1987), An overview of the Mesozoic stratigraphy of Kachchh and Jaisalmer, *Jour. Pal. Soc. India*, v-32, p. 136-149.

Krishna, J. and Pathak, D. B. (1989), Kimmeridgian in Ler Katrol area of Kachchh, Western India: ammonoid systematics and biochronology., 28th Internat. Geol. Congr., Washington (abstr.), v-2(2), p. 228-229.

Krishnan, M. S. (1968), *Geology of India and Burma.*, Hegginsbotham, Madras, 536p.

Ksiazkiewicz, M. (1968), O niektórych problematykach z fliszu karpat Polskich (Czesc III): *Polsk. Towarzyst. Geol. (Ann. Soc. Geol. Pologne)*, *Rocznik*, v-38, no. 1, p. 3-17, text-fig. 1-6, 6pl. [On some problematic organic traces from the flysch of the Polish Carpathians (Part III).].

Ksiazkiewicz, M. (1970), Observations on the ichnofauna of the Polish Carpathians, p. 283-322. In T. P. Crimes and J. C. Harper (ed.), *Trace Fossils.*, *Geol. Jour. Special Issue No. 3*.

Ksiazkiewicz, M. (1977), Trace fossil in the flysch of Polish Carpathians, *Palaeontologica Polonica*, v-36, p. 208.

Kugler, H. and Saunders, P. (1959) Occurrence of armored mud balls in Trinidad, West Indies: *Jour. Geol.*, v. 67, p. 563-565.

Kuijpers, E.P. (1971), Transition from fluvial to tidal marine sediments in the Upper Devonian of

Seven Heads Peninsula. Geol. Mijnb., v-50, p. 443-450.

Kulkarni, K. G. and Ghare, M. A. (1989), Stratigraphic distribution of ichnotaxa in the Wagad region, Kutch, India., Jour. Geol. Soc. India, v-33(6), p. 259-267.

Kulkarni, K. G. and Ghare, M. A. (1991), Locomotary traces (Repichnia) from the Jurassic sequence of Kutch, Gujarat., Jour. Geol. Soc. India, v-37, p. 374-387. Kumar, A., Bartarya, S. K. and Bisht, K. (1982), Distribution of trace fossils in the Mesozoic rocks of Kutch, India., Neues Jahrb. Geol. Palaeontol. Monatsh., v-1982(1), p. 36-40.

Larsonneur, C. (1975), Tidal deposits, Mount Saint-Michel Bay, France, In Ginsburg, R.N. (ed.), Tidal Deposits: Springer-Verlag, p. 21-30.

Leckie, D.A. and Singh, C. (1991), Estuarine Deposits of the Albian Paddy Member (Peace River Formation) and Lowermost Shaftesbury Formation, Alberta, Canada; Jour. Sedi. Petrol., v-61, no. 5, p. 825-849.

Leckie, D.A. and Walker, R.G. (1982), Storm- and tide-dominated shoreline, in Cretaceous Moosebar-Lower Gates interval - outcrop equivalents of Deep Basin gas trap in Western Canada: AAPG, v-66, p. 138-197.

Leithold, E.L. and Bourgeois, J. (1984), Characteristics of coarse grained sequences deposited in nearshore, wave-dominated environments - examples from the Miocene of southwest Oregon: Sedimentology, v-31, p. 749-775.

Levinton, J.S. and Bambach, R.K. (1975), A comparative study of Silurian and Recent deposit feeding bivalve communities. Paleobiol. v-1, p. 97-124.

Linck, O. (1949a), Fossile Bohrgänge (Anobichnium simile n.g.n.sp.) an einem Keuperholz: Neues Jahrb. Mineralogie, Geologie, Paläontologie, Monatsh., Abt.B, 1949, ser. B, p. 180-185, text-fig. 1, 2.

Linck, O. (1949b), Lebens-Spuren aus dem Schilfsandstein (Mittl. keuper km 2) NW-Württembergs und ihre Bedeutung für die Bildungsgeschichte der Stufe: Verein Vaterl. Naturkd. Württemberg, Jahresh., v-97-101, p. 1-100, text fig. 1-5, 8 pl.

Lindholm, R.C. (1987), A Practical Approach to Sedimentology, Allen & Unwin, London, 278p.

Ludwig, R. (1869), Fossile pflanzenreste aus den paläolithischen Formationen der Umgebung von Dilleburg, Biedenkopf und Friedberg und aus dem Saalfeldischen: Palaeontographica, v-17, p. 105-128, pl. 18-28.

Lundgren, S.A.B. (1891), Studier ofver fossilforande losa block: Geol. Foren. Stockholm, Forhandl., v-13, p.111-121, text-fig. 1, 2.

Mackenzie, D.B. (1972), Tidal sand flat deposits in Lower Cretaceous Dakota Group near Denver, Colorado. *The Mountain Geologist*, v-9, p. 269-277.

Mackenzie, D.B. (1975), Tidal sand flat deposits in Lower Cretaceous Dakota Group near Denver, Colorado. In: *Tidal Deposits: A Casebook of Recent Examples and Fossil Counterparts* (Ed. by R.N. Ginsburg), P. 117-125. Springer-Verlag, Berlin.

Madsen, O.S. (1976), Wave climate of the Continental margin: elements of its mathematical description, In: *Marine Sediment Transport and Environmental Management* (Eds. D.J. Stanley and O.J.P. Swift), p. 65-87, John Wiley, New York.

Maillard, G. (1887), Considerations sur les fossiles decrits comme Algues: Soc. Paleont. Suisse, Mem., v-14, 40p., 5pl.

Martino, R. L. (1989), Trace fossils from marginal marine facies of the Kanawh Formation (Middle Pennsylvanian), West Virginia, *Jour. Paleont.*, v-63(4), p. 389-403.

Martino, R.L. and Curran, A.H. (1990), Sedimentology, Ichnology, and Paleoenvironments of the Upper Cretaceous Wenonah and Mt. Laurel Formations, New Jersey. *Jour. Sedi. Petrol.*, v-60, no. 1, p. 125-144.

Massalongo, A. (1855a), Monografia della nereidi fossili del M. Bolci: 35p., 6pl., G. Antonelli (Verona).

Massalongo, A. (1855b), Zoophycos, novum genus plantorum fossilium: 52p., 3pl., Antonelli (Verona).

Mathur, Y. K., Soodan, K. S., Mathur, K., Bhatia, M. L., Juyal, M. P. and Pant, J. (1970), Microfossil evidence on the presence of Upper Cretaceous and Palaeocene sediments in Kutch., *Bull. Oil and Nat. Gas Comm.*, v-7(2), p. 109-114.

Mayer, G. (1954), Neue Beobachtungen an Lebensspuren aus dem unteren Hauptmuschelkalk (Trochitenkalk) von Wiesloch: *Neues Jahrb. Geologie, Palaontologie*, Abhandl., v-99, p. 223-229, pl. 14-18.

McCann, T. and Pickerill, R. K. (1988), Flysch trace fossils from the Cretaceous Kodiak Formation of Alaska., *Jour. Paleont.*, v-62, p. 330-348.

McCoy, F. (1851), On some new Protozoic Annulata: *Ann. Mag. Nat. History*, ser. 2, v-7, p. 394-396.

- McGowen, J. H.** (1970), Gum Hollow fan-delta, Nueces Bay, Texas., Texas Bureau of Economic Geology, Report of Investigations, 69, 91p.
- McPherson, J. G., Shanmugam, G. and Moiola, R. J.** (1987), Fan-deltas and Braid deltas: Varieties of coarse grain deltas., Bull. Geol. Soc. Am. v-99, p. 331-340.
- Meckel, L.D.** (1975), Holocen sand bodies in the Colorado Delta, Salton Sea, Imperial County, California, in Broussard, M.L. (ed.), Deltas: Models for exploration: Houston, Houston Geol. Soc., p. 239-265.
- Meddicott, H.B. and Blanford, W.T.** (1879-1887), Manual of Geology of India, 4 volumes, G.S.I., Govt. of India press, Calcutta.
- Meunier, S.** (1886), Sur quelques empreintes problematiques des couches boloniennes du pas-deCalais: Soc. Geol. France, Bull., ser. 3, v-14, p.564-568, pl. 29, 30.
- Miall, A.D.** (1985), Principles of Sedimentary Basin Analysis, Springer-Verlag, New York, 387 fig., 490p.
- Milici, R.L.** (1974), Stratigraphy and depositional environments of Upper Mississippian and Lower Pennsylvanian rocks in the southern Cumberland Plateau of Tennessee, in Griggs, G.B. (ed.), Carboniferous of the southeastern United States: Geol. Soc. Amer. Spec. paper 148, p. 115-133.
- Miller, M. F. and Byers, C. W.** (1984), Abundant and diverse early Paleozoic infauna indicated by the stratigraphic record., Geology, v-12, p. 40-43.
- Miller, S.A. and Dyer, C.B.** (1878a), Contributions to Paleontology, no. 1: Cincinnati Soc. Nat. History, Jour., v-1, p. 24-39.
- Miller, S.A. and Dyer, C.B.** (1878b), Contributions to Paleontology, no. 2: 11p., pl. 3, 4, Private publ. (Cincinnati. Ohio).
- Miller, M. F. and Johnson, K. G.** (1981), *Spirophyton* in alluvial-tidal facies of the Catskill deltaic complex: Possible biological control of ichnofossil distribution, Jour. Paleont., v-55, p.1016-1027.
- Miller, M. F. and Knox, L. W.** (1985), Biogenic structures and depositional environments of a Lower Pennsylvanian coal bearing sequence, Northern Cumberland Plateau, Tennessee, U.S.A., p.67-98. In H. A. Curren (ed.), Biogenic Structures: Their Use in Interpreting Depositional Environments, SEPM, Special Publication No. 35.

Mitra, K. C. and Ghosh, D. N. (1964), A note on the Chari Series around Jhura Dome, Kutch., Sci. Cult., v-30, p. 192-194.

Mitra, K. C., Bardhan, S. and Bhattacharyya, D. (1979), A study of Mesozoic stratigraphy of Kutch, Gujarat, with special reference to rock stratigraphy and biostratigraphy of Keera Dome., Bull. Ind. Geol. Assoc., v-12(2), p. 129-143.

Mooers, C.N.K. (1976), Introduction to physical oceanography and fluid dynamics of Continental margins, In: Marine Sediment Transport and Environmental Management (Eds. D.J. Stanley and O.J.P. Swift), p. 7-21, John Wiley, New York.

Morgan, J.P. (Ed.) (1970), Deltaic Sedimentation; modern and ancient, 312p. Spec. Publ. Soc. econ. Paleont. Miner., v-15, Tulsa.

Morton, R.A. & Donaldson, A.C. (1973), Sediment distribution and evolution of tidal deltas along a tide-dominated shoreline, Wachapreague, Virginia. Sedim. Geol., v-10, p. 285-299.

Moslow, T.F. and S.G. Pemberton (1988), An integrated approach to the sedimentological analysis of some lower Cretaceous shoreface and delta front sandstone sequences, p. 373-386. In D.P. James and D.A. Leckie (eds.). Sequences, Stratigraphy, Sedimentology: Surface and Sub-surface. Canadian Society of Petroleum Geologists, Memoir-15.

Mount, J. F. (1984), Mixing of siliciclastic and carbonate sediments in shallow shelf environments., Geology, v-12, p. 432-435.

Mount, J. F. (1985), Mixed siliciclastic and carbonate sediments: a proposal first order textural and compositional classification, Sediment., v-32, p.435-450.

Myers, A. C. (1970), Some palaeoichnological observations on the tube of *Diopatra cuprea* (Bosc): Polychaete Onuphidae., In Crimes, T. P. and Harper, J. C. (eds.), Trace Fossils: Geol. Jour. Special Issue No. 3, Liverpool, Seel House Press (Liverpool), text fig. 1, p. 345-360.

Myrow, P.M. (1992), Bypass - zone tempestite facies model and proximity trends for an ancient muddy shoreline and shelf: Jour. Sedi. Petrol., v-62, no. 1, p. 99-115.

Nicholson, H.A. (1873), Contributions to the study of the errant annelides of the older Paleozoic rocks: Royal Soc. London, proc., v-21, p. 288-290. (also Geol. Mag., v-10, p. 309-310).

Nicholson, H.A. (1873), Contributions to the study of the Errant Annelides of the Older Palaeozoic rocks. Geol. Mag., v-10, p. 309-310.

Nicholson, H.A. and Hinde, G.J. (1875), Notes on the fossils of the Clinton, Niagara, and Guelph formations of Ontario, with descriptions of new species: *Canad. Jour. Sci., Lit. History*, n. ser., v-14, p. 137-160.

Nilsson, H.D. (1973), Sand bars along low energy coasts, part-I. Multiple parallel sand bars of southeastern Cape Cod Bay. In *Coastal Geomorphology* (Ed. by D.R. Coates), p. 99-102. Publications in Geomorphology, State Univ. of New York, Binghamton.

Nottvedt, A. and Kreisa, R.D. (1987), Model for the combined flow origin of hummocky cross-stratification: *Geology*, v-15, p. 357-361.

Oldham, C.F. (1874), Notes on the lost rivers of the Indian deserts, *Cal. Rev.*, v-59, p. 1-27.

Oldham, R.D. (1893), A manual of the Geology of India, IInd Edition.

Oldham, R.D. (1962), The Kutch earthquake of 16th June, 1869, with a revision of the great earthquake of 12th June, 1897, *Mem. Geol. Sur. Ind.*, v-46, pt. 2, p. 71-147.

Osgood, R. G., Jr. (1970), Trace fossils from the Cincinnati area., *Palaeontographica Americana*, v-6, p. 231-244.

Pandey, J. and Dave, A. (1993), Studies in Mesozoic Foraminifera and Chronostratigraphy of Western Kutch, Gujarat: *Palaeontographica Indica*, Number-1, Pub. by Geosci. Research Gr., K.D. Malaviya Inst. Petrol. Explor., ONGC, Dehra Dun, 221p.

Papp, A. (1941), Quergegliederte Rohren aus dem Oberkreide-Flysch der Alpen: *Palaeobiologica*, v-7, p. 314-317, text-fig. 1, 2.

Pascoe, E. H. (1959), A manual of Geology of India and Burma, Govt. of India, Calcutta, v-III, 3rd Edition, p. 485-1343.

Patil, M. (1971), Lithofacies analysis of Mesozoics of Kutch., *Bull. O. N. G. C.*, v-13, No. 1-2.

Pemberton, S. G. and Frey, R. G. (1982), Trace fossils nomenclature and the *Planolites-Palaeophycus* dilemma., *Jour. Paleont.*, v-56, p. 843-881.

Pemberton, S. G. and Frey, R. G. (1984), Quantitative methods in ichnology: spatial distribution among populations., *Lethaia*, v-17, p. 33-49.

Pemberton, S. G., Frey, R. W. and Bromley, R. G. (1988), The ichnotaxonomy of *Conostichnus* and other plug-shaped ichnofossils., *Canad. Jour. Earth Sciences*, v-25, p. 866-892.

- Pettijohn, F. J.** (1975), *Sedimentary Rocks*, 3rd Edi. Harper & Row, New York, 628p.
- Philipp, H.** (1904), *Palaontologisch-geologische Untersuchungen aus dem Gebiet von Predazzo*: Deutsch. Geol. Gesell., Zeitschr., v-56, p. 1-98, pl. 1-6.
- Pickerill, R. K.**, Fillion, D. and Harland, T. L. (1984), Middle Ordovician trace fossils in carbonates of the Trenton Group between Montreal and Quebec City, St. Lawrence, Lowland, eastern Canada. *Jour. Paleont.*, v-58, p. 416-439.
- Pickerill, R. K.** (1980), Phanerozoic flysch trace fossils diversity - observations based on an Ordovician flysch ichnofauna from the Aroostook-Matapedia Carbonate Belt of northern New Brunswick., *Canad. Jour. Earth Sciences*, v-17, p. 1259-1270.
- Poddar, M. C.** (1959), Stratigraphy and Oil possibilities in Kutch in Western India., *Proc. Ist Symposium on the development of the Petroleum Resources of Asia and Far East.*, ECAFE, Bangkok-Tehran, No. 10, v-1, p. 146-148.
- Poddar, M.C.** (1963), Geology and Oil possibilities of Tertiary rocks of Western India, *Proc. 2nd Sym. Dev. Pet. Res. of Asia and Far East*, No. 18, pt. 1, p. 226-230.
- Poddar, M. C.** (1964), Mesozoics of western India: their geology and oil possibilities., *Proc. 22nd Internat. Geol. Congr.*, pt-1, p. 126-143.
- Pomel, A.** (1849), *Materiaux pour servir a la flore fossile des terrains jurassiques de la France*: Vers. Gesell. Deutsch. Naturf. Aerzte, Amtl. Ber. 25, Sept. 1847, p. 332-354.
- Postma, H.** (1967), Sediment transport and sedimentation in the estuarine environment. In: *Estuaries* (Ed. by G.H. Lauff), p. 158-179. Am. Assoc. Adv. Sci., Washington D.C.
- Prantl, F.** (1946), Two new problematic trails from the Ordovician of Bohemia: *Acad. Tcheque Sci., Bull. Internatl., Cl. Sci. math. nat. med.*, v-46 (1945), p. 49-59 (Reprint: p. 1-9), text fig. 1-4, 2pl.
- Pratap Singh,** (1973a), Foraminiferal zonation of the Mesozoic sequences in the subsurface of the Banni Rann, Kutch., *Abstr., 3rd Colloq. on Indian Micropalaeont. and Stratig.*, Chandigarh, M-7.
- Pratap Singh,** (1973b), Late Jurassic Nannoplanktons from the Mesozoic sequence in the subsurface of the Banni Rann, Kutch., *Abstr., 3rd Colloq. on Indian Micropalaeont. and Stratig.*, Chandigarh, M-7 - M-8.
- Pritchard, D.W.** (1955), Estuarine circulation patterns. *Proc. Amer. Soc. Civil Eng.*, 81, (separate 717).

Pritchard, D.W. (1967), What is an estuary? Physical view point. In *Estuaries* (Ed. by G.D. Lauff), p. 3-5. Am. Assoc. Adv. Sci., Washington, D.C.

Prucha, J. J., Graham, J. A. and Nicklson, R. P. (1965), Basement controlled deformation in Wyoming province of Rocky Mountains Foreland., *Bull. American Assoc. Petroleum Geol.*, v-49(7), p. 966- 992.

Quatrefages, M.A. de (1849), Note sur la Scolicia prisca (A. De Q.), annelide fossile de la craie: *Ann. Sci.Nat.*, ser. 3, Zoologie, v-12, p. 265-266.

Quenstedt, F.A. (1879), *Petrefactenkunde Deutschlands*. 1. Abth., v-6,: Korallen Die Rohren und Stein Korallen: L.F. Fues (Leipzig)-(Liefg. 7: 1879), 1093p.

Raaf, J.F.M.De, and Boersma, J.R. (1971), Tidal deposits and their sedimentary structures. *Geol. Mijnb.*, v-50, p.479-503.

Rajnaath, (1932), A contribution to the stratigraphy of Kutch., *Quart. Jour. Geol. Min. Met. Soc. Ind.*, v-4, No. 4, p. 161-174.

Rajnaath, (1934), Detailed stratigraphy of the Jumara area, Cutch, *Abst. Proc. 21st Ind. Sc. Congr.*, p. 346.

Rajnaath, (1942), The Jurassic rocks of Cutch - their bearing on some problems of Indian Geology., *Pres. Address*, in 29th Ind. Sci. Cong., Baroda, pt. 2, p. 93-106.

Rao, P. V. (1964), Geology and mineral resources of India., *Intern. Geol. Cong.*, 22nd Session, India, p. 1-43.

Rao, R. V. (1957), A new Middle Jurassic Asteroid from Pachham Island, Cutch, India., *Jour. Pal. Soc. Ind.*, v-2, p. 213-217.

Reading, H.G. (1978), *Sedimentary Environments and Facies*. Blackwell Scientific Publications, Oxford-London, 569p.

Reineck, H.E. (1963), Sedimentgefüge in Bereich der südlichen Nordsee. *Abh. senckenbergische naturforsch. Ges.*, v-505, p. 1-138.

Reineck, H.E. (1967), Layered sediments of tidal flats, beaches and shelf bottoms of the North Sea. In: *Estuaries* (Ed. by G.D. Lauff), p. 191-206. Am. Assoc. Adv. Sci., Washington, D.C.

Reineck, H.E. (1975), German North Sea tidal flats, in Ginsburg, R.N. (ed.) *Tidal Deposits*: New York, Springer-Verlag, p. 5-12.

Reineck, H.E. and Singh, I.B. (1973), *Depositional Sedimentary Environments - with Reference to Terrigenous Clastics*, Springer-Verlag, Berlin, 579 fig., 639p.

Reineck, H.E. and Singh, I.B. (1980), *Depositional Sedimentary Environments*, 2nd Edition: Springer Verlag-Berlin, 549p.

Rhoads, D.C. (1967), Biogenic reworking of intertidal and subtidal sediments in Barnstable Harbor and Buzzards Bay, Massachusetts: *Jour. Geol.*, v-75, p. 461-476.

Rhoads, D. C. (1975), The paleoecological and environmental significance of trace fossils., p. 147-160. In R. W. Frey (ed.), *The study of Trace Fossils.*, Springer-Verlag, New York.

Rhoads, D.C., Speden, I.G. and Waage, K.M. (1972), Trophic group analysis of Upper Cretaceous (Maestrichtian) bivalve assemblages from South Dakota. *Amer. Assoc. Petrol. Geol. Bull.* v-56, p. 1100-1113.

Richter, Reinhard (1850), Aus der thuringischen Grauwacke: *Deutsch. Geol. Gesell., Zeitschr.*, v-2, p. 198-206, pl. 8, 9.

Richter, Reinhard (1853a), Thuringische Graptolithen: *Deutsch. Geol. Gesell., Zeitschr.*, v-5, p. 439-464, pl. 12.

Richter, Rudolf (1926), Flachseebeobachtungen zur Palaontologie und Geologie. XII-XIV: *Senckenbergiana*, v-8, p. 200-224, pl. 3.

Richter, Rudolf (1937), Marken und Spuren aus allen Zeiten. I-II: *Senckenbergiana*, v-19, p. 150-169, text-fig. 1-14.

Ronan, T.E., Jr. (1975), Structural and Paleoecological aspects of a modern marine soft-sediment community (Unpubl. Ph.D. dissert): Univ. of Calif., Davis, 220p. (As quoted by Miller and Knox, 1985).

Ronault, M. (1850), Note preliminaire sur une nouvelle formation decouverte dans le terrain Silurien inferieur de la Bretagne: *Soc. Geol. France, Bull. ser. 2*, v-7, p. 724-744.

Roy, S.K. (1967), Pteridophytic remains from Kutch and Kathiawar, India. *The Palaeobotanist*, v-16, no. 2, p. 108-114.

Ruedemann, R. (1942), Oldhamia and the Rensselaer grit problem: *New York State Museum, Bull.*, v-327, p. 5-12, 3pl.

Rust, I.C. (1977), Evidence of shallow marine and tidal sedimentation in the Ordovician Graafwater

Formation, Cape Province, South Africa. *Sedim. Geol.*, v-18, p. 123-133.

Sahni, M.R. and Prasad, K.N. (1957), On a new species of *Astarte* from Umia beds, Ghuneri, Cutch, W. India, and remarks on the age of the Trigonina Beds, *Rec. Geol. Surv. Ind.*, v-84, pt. 4, p. 431-438.

Salter, J.W. (1857), On annelide-burrows and surface markings from the Cambrian rocks of the Longmynd: *Geol. Soc. London, Quart. Jour.*, v-13, p. 199-206, pl. 5.

Salter, J.W. (1864a), On some points in ancient physical geography, illustrated by fossils from a pebble-bed at Budleigh Salterton, Devonshire: *Geol. Mag.*, v-1, p. 5-12, text-fig. 1-4.

Saporta, G. de (1872), *Paleontologie française ou description des fossiles de la France* (Commencée par Alcide d'Orbigny et) continue par une réunion de paléontologistes. 2 ser. *Vegetaux. Plantes jurassiques*: v-1, 506p., 70pl., G. Masson (Paris). [p. 1-432, pl. 1-60 (1872)].

Saporta, G. de (1884), *Les organismes problématiques des anciennes mers*: Masson (Paris), 100p., 13pl.

Saporta, G. de, (1887), Nouveaux documents relatifs aux organismes problématiques des anciennes mers: *Soc. Geol. France, Bull.*, ser. 3, v-15, p. 286-302, pl. 3-7.

Saporta, G. de and Martino, A.F. (1883), *Die paläontologische Entwicklung des pflanzenreichs. Die kryptogamen*: 250p., 85 text-fig., Internatl. Wiss. Bibliothek (Leipzig).

Saxena, R.S. (1979), Depositional environments on the lower delta plain of the Mississippi River, In *Ferm, J.C. and Horne, J.C. (eds.), Carboniferous Depositional Environments in the Appalachian Region*: Columbia, S.C., Carolina Coal Group, p. 344-367.

Schafer, W. (1952a), Biogene Sedimentation im Gefolge von Bioturbation: *Senckenbergiana*, v-33, p. 1-12, text-fig. 1-10.

Schafer, W. (1952b), Biologische Bedeutung der Ortswahl bei Balaniden-Larven: *Senckenbergiana*, v-33, p. 235-246, text-fig. 1-4.

Schindewolf, O.H. (1928), Studien aus dem Marburger Buntsandstein. III-VII: *Senckenbergiana*, v-10, p. 16-54, text-fig. 1-14.

Schlotheim, E.F. Baron von, (1820), *Die Petrefactenkunde auf ihren jetzigen Standpunkte durch die Beschreibung seiner Sammlung versteinerter und fossiler Überreste des Thier- und Pflanzenreiches der Vorwelt erläutert*: 437p., 15pl., Becker (Gotha).

Schmidt, M. (1934), *Cyclozoon phipippi und verwandte Gebilde*: *Heidelberger Akad. Wiss., math. nat.*

kl., Sitzungsber. 1934, pt. 6, 31p., 4pl.

Schwartz, R.K. (1975), Nature and genesis of some storm washover deposits, U.S. Army Corps. Engin., Coastal Eng. Res. Center Tech. Mem, v-61, p. 69.

Seilacher, A. (1953), Studien Zur Palichnologie II, Die fossilen Ruhespuren (Cubichnia), N. Jaharb, Geol. Palaeont. Abb. 98, p. 87-124, pl. 7-13.

Seilacher, A. (1953b), Studien zur palichnologie. II, Die fossilen Ruhespuren (Cubichnia): N. Jb. Geol. Palaont., Abh. v-98, p. 87-124.

Seilacher, A. (1954), Die geologische Bedeutung fossiler Lebensspuren: Deutsch. Geol. Gesell., Zeitschr., v-105, p. 213-227, text-fig. 1-3, pl. 7, 8.

Seilacher, A. (1955), Spuren und Lebensweise der Trilobiten: Akad. Wiss. Lit., Abh. Math. naturwiss. Klasse, 1955, p. 342-372.

Seilacher, A. (1957), An aktualistisches Wattenmeer? Palaont. Zeitschr., v. 31, p. 198-206.

Seilacher, A. (1960), Lebensspuren als Leitfossilien: Geol. Rundschau, v-49, p. 41-50.

Seilacher, A. (1962), Paleontological studies on turbidite sedimentation and erosion. J. Geol., v-70, p. 227-234.

Seilacher, A. (1963), Lebensspuren und Salinitätsfazies: Fortschr. Geol. Rheinld. u. Westfal., v-10, p. 81-94, text-fig. 1-6, 1 table.

Seilacher, A. (1964a), Biogenic sedimentary structure., p. 296-316. In: J. Imbrie and N. D. Newell (ed.), Approaches to Paleoecology., John Wiley, New York.

Seilacher, A. (1964b), Sedimentological classification and nomenclature of trace fossils., Sedimentology, v-3, p. 253-256.

Seilacher, A. (1967a), Bathymetry of trace fossils., Marine Geology, v-5, p. 413-428.

Seilacher, A. (1967b), Fossil behavior., Scientific American, v-I, p. 72-80.

Seilacher, A. (1977a), Pattern analysis of *Paleodictyon* and related trace fossils. In T. P. Crimes and Y. C. Harper (eds.), Trace Fossils II, Seel House Press, Liverpool, p. 289-334.

Seilacher, A. (1977b), Evolution of trace fossil communities, p. 359-376. In A. Hallam (ed.), Patterns of Evolution as Illustrated by the Fossil Record, Developments in Paleontology and Stratigraphy - 5, Elsevier, Amsterdam.

- Seilacher, A.** (1978), Use of trace fossil assemblages in recognizing depositional environments, p. 167-181. In P. B. Basan (ed.), Trace Fossil Concepts., SEPM, Short Course No. 5.
- Sellwood, B.W.** (1972b), Tidal flat sedimentation in the Lower Jurassic of Bornholm, Denmark. *Palaeogeogr. Palaeoclimat. Palaeoecol.*, v-11, p. 93-106.
- Sellwood, B.W.** (1975), Lower Jurassic tidal flat deposits, Bornholm, Denmark. In: Tidal Deposits: A Casebook of Recent Examples and Fossil Counterparts (Ed. by R.N. Ginsburg), p. 93-101. Springer-Verlag, Berlin.
- Selley, R.C.** (1968), A classification of palaeocurrent models. *J. Geol.*, v-76, p. 99-110.
- Selley, R.C.** (1970), Ancient Sedimentary Environments - A Brief Survey; Chapman and Hall, London, 237p.
- Sequinabol, S.** (1887), Contribuzione alle flora fossile dei terreni terziarii della Liguria. I. Fucoidi ed Elminioidea: *Soc. Geol. Italiana, Boll.* v-6, p. 545-561, pl. 14-19.
- Serres, M. de** (1840), Description de quelques mollusques fossiles nouveaux des terrains intrajurassiques et de craie compacte inférieure du Midi de la France: *Ann. Sci. Nat. Paris (Zool.)*, ser. 2, v-14, p. 5-25, pl. 1, 2.
- Shaw, A.B.** (1964), Time in stratigraphy. 365p. McGraw-Hill, New York.
- Shepard, F.P.** (1963), Submarine Geology, 2nd edn, 557p. Harper and Row, New York.
- Shringarpure, D. M.** (1984), Mesozoic of Kutch (India): Middle Jurassic to Lower Cretaceous depositional environments as revealed by biosedimentary structures. In W. E. Reif and P. Westphal (eds.), Third Symposium on Mesozoic Terrestrial Ecosystems, Tubingen., p. 227-229.
- Shringarpure, D. M.** (1985), Ichnological studies of the rocks exposed between Chitrod and Manfara, Eastern Kutch - Gujarat State., Unpubl. Ph.D. Thesis, M. S. Univ., Baroda, 397p.
- Shringarpure, D. M.** (1986), Trace fossils at omission surface from the Mesozoic of Kutch, Gujarat, Western India., *Bull. Geol. Min. Met. Soc. India.*, v-54, p. 131-148.
- Shukla, U.K.** and Singh, I.B. (1991), Facies analysis of Bhuj sandstone (Lr. Cretaceous), Bhuj area, Kachchh, Gujarat., *Jour. Palaeont. Soc. India*, v-35, p. 189-196.
- Simpson, S.** (1956), On the trace fossil *Chondrites*. *Quart. Jour. Geol. Soc.*, London, v-112, p. 475-499.

Simpson, S. (1970), Notes on Zoophycos and Spirophyton: in Trace Fossils, T.P. Crimes and J.C. Harper (eds.), Geol. Jour., spec. issue no. 3, p. 505-514, text-fig. 1-4, Seel House Press (Liverpool).

Singh, C. S. P., Jaitly, A. K. and Pandey, D. K. (1982), First report of some Bajocian-Bathonian (Middle Jurassic) ammonoids and the age of the oldest sediments from Kachchh, W. India., News Letter Stratigr., v-11(1), p. 37-40.

Singh, H.P., Shrivastava, S.K. and Roy, S.L. (1963), Studies on the Upper Gondwana of Cutch - 1, Mio and Macrospores, The Palaeobotanist, v-12, no. 3, p. 282-306.

Singh, I. B. (1989), Dhosa Oolite - A transgressive condensation horizon of Oxfordian age in Kachchh, Western India., Jour. Geol. Soc. of India, v-34, p. 152-160.

Singh, P. P. and Singh, I. B. (1992), Cross bedding with tidal bundles and mud drapes: Evidence for tidal influence in Bhuj sandstone Lower Cretaceous, Eastern Kachchh., Jour. Geol. Soc. India, v-39, p. 487-493.

Smith, A. B. and Crimes, T. P. (1983), Trace fossils formed by heart urchins - a study of *Scolicia* and related traces. Lethaia, v-16, p. 79-92.

Smith, A.G., Hurley, A.M., Briden, J.C. (1982), Palaokontinentale Weltkarten des Phanerozoikums (Enke) Stuttgart, 102pp.

Smith, J. (1893), Peculiar U-shaped tubes in sandstone near Crawfordland Castle and in Gowkha Quarry, near Kilwinning: Geol. Soc. Glasgow, Trans., v-9, p. 289-292, pl. 10.

Southard, J.B., Lambie, J.M. Federico, D.C., Pile, H.T. and Weidman, C.R. (1990), Experiments on bed configurations in fine sands under bidirectional purely oscillatory flow, and the origin of hummocky cross-stratification: Jour. Sedi. Petrol., v-60, p. 1-17.

Spath, L. F. (1924), On the black collection of ammonites from Kutch, India, Palaeont. Indica, N. S. V. 9, Mem. 1.

Spath, L. F. (1924-33), Revision of the Jurassic Cephalopod fauna of Kutch (Cutch); India, Palaeont. Indica, Geol. Surv. India, New Series-9, Mem. 2, pts. I-VI, 945p.

Spath, L. F. (1935), On the age of certain species of 'Trigonia' from the Jurassic rocks of Kachh (Cutch)., Geol. Mag., v-72, p. 184-189.

Squires, R. L. and Advocate, D. M. (1984), Meniscate burrows from Miocene lacustrine-fluvial

deposits, Diligencia Formation, Orocopia Mountains, Southern California, Jour. Paleont., v-58, p. 593-597.

Stanley, D. J. and Unrug, R. (1972), Submarine channel deposits, fluxoturbidites and other indicators of slope and base of slope environments in modern and ancient marine basins. In recognition of ancient sedimentary environments (edi. by J. K. Rigby and W. K. Hamblin), Spec. Publ., Soc. Econ. Paleont Min., Tulsa, v-16, p. 287- 340.

Stanley, K.O. and Fagerstrom, J.A. (1974), Miocene invertebrate trace fossils from a braided river environment, Western Nebraska, U.S.A., Palaeogeog. Palaeoclim. Palaeoeco., v-15, p. 63-82.

Sternberg, K.M. von (1833), Versuch einer geognostischbotanischen Darstellung der flora der vorwelt: Leipzig, Prague: Fleischer, v. 5-6.

Straaten, L.M.J.U. van (1954), Sedimentology of Recent tidal flat deposits and the Psammites du Condroz (Devonian): Geologie en Mijnbouw, v-16, p. 25-47, text-fig. 1-15, 2pl.

Straaten, L.M.J.U. Van (1954), Composition and structure of Recent marine sediments, Proc. 3rd Internat. Congress Sedimentology, Netherlands, p. 225-244.

Straaten, L.M.J.U. Van (1961), Sedimentation in tidal flat areas J. Alberta Soc. Petrol. Geologist, v-9, p. 203-226.

Syrlyk, F. (1978), Jurassic basin evolution of East Greenland, Nature, v-274, p. 130-133.

Syrlyk, F. (1984), Fan-delta to submarine from conglomerates of the Volgian-Valanginian Wollaston Forland Group, East Greenland. In sedimentology of gravels and conglomerates (Edi. by E. H. Koster and R. J. Steel) Mem. Can. Soc. Petrol. Geol., Calgary, v-10, p. 359-382.

Swift, D.J.P. (1976a), Coastal sedimentation. In: Marine Sediment Transport and Environmental Management (Ed. by D.J. Stanley and D.J.P. Swift), p. 255-310. John Wiley, New York.

Swift, D.J.P., Figueiredo, A.G., Freeland, G.L. and Oertel, G.F. (1983), Hummocky cross stratification and mega ripples: A geological double standard? Jour. Sedi. Petrol., v-53, p. 1295-1318.

Swift, D.J.P., Stanley, D.J. and Curray, J.R. (1971), Relict sediments on continental shelves, a reconsideration. J. Geol., v-79, p.322-346.

Swinbanks, D. D. and Murray, J. W. (1981), Biosedimentological zonation of boundary bay tidal flats, Fraser river delta, British Columbia, Sedimentol., v-28, p. 201-237.

Tankard, A.J. and Barwis, J.H. (1982), Wave dominated deltaic sedimentation in the Devonian Bokkeveld basin of South Africa. *Jour. Sed. Petrol.*, v-52, p. 959-974.

Tankard, A.J. and Hobday, D.K. (1977), Tide dominated back-barrier sedimentation, early Ordovician Cape Basin, Cape Peninsula, South Africa. *Sedim. Geol.*, v-18, p. 135-159.

Thompson, R.W. (1968), Tidal flat sedimentation on the Colorado River delta, northwestern Gulf of California. *Mem. geol. Soc. Am.*, v-107, p.1-133.

Thompson, R.W. (1975), Tidal flat sediments of the Colorado River delta, northwestern Gulf of California. In: *Tidal Deposits: A Casebook of Recent Examples and Fossil Counterparts* (Ed. by R.N. Ginsburg), p. 57-65. Springer-Verlag, Berlin.

Torell, O.M. (1870), *Petrificata Suecana Formationis Cambricae*: Lunds Univ. Arsskr., v-6, pt. 2, no. 8, p. 1-14.

Trusheim, F. (1934), Ein neuer Leithorizont im Hauptmuschelkalk von Unterfranken: *Neues Jahrb. Mineralogie, Geologie, Palaontologie, Beil. Bd. 71, Abt. B, no. 3*, p. 407-421, text-fig. 1, 2, 1pl.

Ulrich, E.O. (1904), Fossils and age of the Yakutat Formation. Description of collections made chiefly near Kodiak, Alaska: *Harriman Alaska Exped.*, v-4, *Geol. Paleont.*, p. 125-146, pl. 11-21 (Washington).

Vail, P.R., Mitchum, R.M., Jr., Todd, R.G., Widmier, J.M., Thomson, S., Sangree, J.M., Bubbs, J.N. and Hatlelid, W.G., (1977), Seismic stratigraphy and global changes in sea-level, In: Payton, C.E., ed. *Seismic stratigraphy - Application of hydrocarbon exploration*, A.A.P.G. Memoir, v-26, p. 49-212.

Vaishnav, P.J. (1991), Geological and ichnological investigation of the Mesozoic rocks of Khadir island - Island belt area, Kutch (Gujarat State) Unpub. Ph.D. thesis submitted to the M.S. Uni. of Baroda, Vadodara, 440p.

Vassoevich, N.B. (1951), *Usloviya obrazovaniya flisha*: 240p., 86 text-fig., 10pl., Gostoptekhizdat (Leningrad). [The conditions of the formation of flysch].

Vassoevich, N.S. (1951), *Les conditions de la formation du Flysch*, 240p. Gostoptekhizdat, Leningrad (translated into French by Bureau de recherches géologiques et minières).

Venkat Raman, D. and Patil, M. (1975), The geology of certain domes in NW Kutch and its relevance to oil exploration., *Bull. O. N. G. C.*, v-12, No. 2.

Voigt, E. (1968), *Über Hiatus-Konkretionen (dargestellt an Beispielen aus dem Lias)*. *Geologische Rundschau*, v-58, p. 281-296.

- Vollrath, A.** (1955a), Zur stratigraphie des Hauptmuschelkalks in Wurttemberg.- J. Geol. L.A. Baden - wurt., v-1, p. 79-168.
- Vossler, S. M.** and Pemberton, S. G. (1988), Superabundant *Chondrites*: a response to storm buried organic material? Lethaia, v-21, p. 94.
- Vredenburg, E.W.** (1910), A summary of Geology of India, IInd Edition.
- Vyalov, O. S.** (1971), Redkie problematiki iz mesozoya Pamira; Kavkaza; Vyp. Vtoroy No. 7, p. 85-93.
- Waagen, W.** (1871), Abstract of results of examination of the ammonite fauna of Cutch with remarks on their distribution among the beds and probable age. Rec. Geol. Surv. Ind., v-IV, pt. 4.
- Waagen, W. G.** (1875), Jurassic fauna of Cutch, Pal. Ind. GSI Ser. 9.1.
- Waagen, W. G.** (1876), The Jurassic Fauna of Kutch: The Cephalopoda., Palaeont. Indica (Geol. Sur. India), Ser. 9, v-1, pt. 1-4, 247p.
- Walcott, C.D.** (1890), The fauna of the Lower Cambrian or Olenellus Zone: U.S. Geol. Survey, Ann. Rept., v-10, pt. 1, p. 509-774, pl. 43-98.
- Walker, K.R.** (1972), Trophic analysis: a method for studying the function of ancient communities: Jour. Paleont., v-46, p. 82-93.
- Walker, K.R.** and Bambach, R.K. (1974), Feeding by benthic invertebrates: Classification and terminology for palaeoecological analysis, Lethia, v-7, p. 67-78.
- Warne, J. E.** et al. (1971), Submarine canyon erosion: Contribution of marine rock burrowers., Science, v-173, p. 1127-1129.
- Webby, B.D.** (1969a), Trace fossils (Pascichnia) from the Silurian of New South Wales, Australia: Palaont. Zeitschr., v-43, p. 81-94, text-fig. 1-5, pl. 10.
- Webby, B. D.** (1970a), *Brookvalichnus*, a new trace fossil from the Triassic of the Sydney basin, Australia., p. 527-530. In T. P. Crimes & J. C. Harper (eds.), Trace Fossils, Geol. Jour. Spec. Issue No. 3, Seel House Press, Liverpool.
- Weeks, I. G.** (1952), Factors of sedimentary basin development that control oil occurrence., Bull. Amer. Assoc. Petrol. Geol., v-36, p. 2089-2105.
- Weiss, W.** (1940), Beobachtungen an zopfplatten: Deutsch. Geol. Gesell. Zeitschr. v-92, p. 333-349.

- Weiss, W.** (1941), Die entstehung der "Zöpfe" im schwarzen and braunen jura: *Matur U. Volk*, v-71, p. 179-184.
- Weller, S.** (1899), Kinderhook faunal studies. I. The fauna of the vermicular sandstone at Northview, Webster County, Missouri: *Acad. Sci. St. Louis, Trans.*, v-9, p. 9-51, pl. 2-6.
- Wetzel, A.** (1979), Okologische und stratigraphische Bedeutung biogener Gefüge in quartären sedimenten am NW - afrikanischen Kontinentalrand - Meteor - Forsch Ergebn., Reihe C., no. 34; p. 1-47.
- Wetzel, A.** (1983a), Biogenic structures in modern slopes to deep sea sediments in the Sulu Sea Basin (Philippines): *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, v-42, p. 285-304.
- Wetzel, A.** (1983b), Biogenic sedimentary structures in a modern upwelling region: northwest African Continental margin. In *Coastal upwelling and its sediment record. Part B, Sedimentary records of ancient coastal upwelling*, J. Thiede & E. Suess (eds.), New York: Plenum, p. 123-144.
- Wetzel, A.** (1984), Bioturbation in deep sea fine grained sediments: influence of sediment texture, turbidite frequency and rates of environmental change. In *fine grained sediments: deep water processes and facies*, D.A.V. Stone & D.J.W. Piper (eds.), London: Geological Society, p. 595-608.
- Wetzel, A. and Werner, F.** (1981), Morphology and ecological significance of Zoophycos in deep sea sediments off NW Africa: *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, v-32, p. 185-212.
- Wightman, D.M., Pemberton S.G. and Singh C.** (1987), Depositional modelling of the Upper Mannville (Lower Cretaceous), East Central Alberta: implications for the recognition of brackish water deposits. p. 189-220. In R.W. Tillman and K.J. Weber (eds.), *Reservoir Sedimentology*, SEPM, Spec. Pub. no. 40.
- Wilson, J.L.** (1975), *Carbonate facies in geological history* - Springer, Berlin, 471pp.
- Wood, A. and Smith, A.J.** (1959), The sedimentation and sedimentary history of the Aberystwyth grits (Upper Llandoveryan). *Quart. J. geol. Soc. London.*, v-114, p. 163-195.
- Worsley, T.R., Nance, D. and Moody, J.B.** (1984), Global tectonics and eustasy for the past two billion years. *Marine Geology*, v-58, p. 373-400.
- Worsley, T.R., Nance, D. and Moody, J.B.** (1986), Tectonic cycles and the history of the Earth's biogeochemical and paleoceanographic record, *Paleoceanography*, v-1, p. 233-263.
- Wright, L.D., Coleman, J.M. and Thom, B.G.** (1973), Processes of channel development in a high tide

range environment: Cambridge Gulf- Ord River delta, western Australia. J. Geol., v-81, p. 15-41.

Wright, L.D., Coleman, J.M. and Thom, B.G. (1975), Sediment transport and deposition in a macrotidal river channel: Ord river, western Australia. In: Estuarine Research, V-II, Geology and Engineering (Ed. by L.E. Cronin), p. 309-322. Acad. Press, New York.

Wynne, A. B. (1869), Preliminary notes on the geology of Kutch, Western India., Rec. Geol. Surv. Ind., v-2, p. 51-58.

Wynne, A. B. (1872), Memoir on the geology of Kutch, to accompany the map compiled by A. B. Wynne and F. Fedden, during the seasons of 1867-68 and 1868-69., Mem. Geol. Surv. India, v-9(1)(2), pt. 1-6, 289p.

Young, A. (1972), Slopes. Edited by K. M. Clayton. Oliver and Boyd, Edinburg, 288p.

Zenker, J.C. (1836), Historisch - topographische Taschenbuch von Jena und seiner Umgebung besonders in naturewissenschaftlicher und medicinischer Beziehung: J.C. Zenker (ed.), 338p., 1 map, Wackenkoder (Jena).