

R E F E R E N C E S

- Adabi, M. H. and C. Prasada Rao, 1991. Petrographic and geochemical evidence for original aragonite mineralogy of Upper Jurassic carbonates (Mozduran Formation), Sarakhs area, Iran. *Sedimentary Geology*, 72(1991) 253-267. Elsevier science publishers. B.V., Amsterdam.
- Adams, A.E., Mackenzie, W.S. and Guilford, C., 1984. *Atlas of Sedimentary Rocks under the Microscope*. Longman Group, UK Ltd., p.104.
- Agarwal, S. K., 1957. Kutch Mesozoic : A study of the Jurassic of Kutch with special reference to the Jhura dome. *Jour.Pal.Soc.Ind.*, v.2, pp.119-130.
- and Singh, C.S.P, 1960. Kutch Mesozoic, on the occurrence of the foraminifera in the Jurassic of Kutch, Gujarat, W.India. *Jour. Sci. Res. B.H.U.* v.11, pt.2, p. 313-316.

- Ahr, W.M., 1973. The carbonate ramp : An alternative to the shelf model. Gulf Association of the Geological Soc. Tran. Sactions, vol.23, p.221-225.
- Allen, J.R.L., 1982. Sedimentary structures, their character and physical basis: Dev.sedimentology, 30 A and B,I:593; II:663, Elsevier Sci.Publ.Comp.
- American Commission on stratigraphic nomenclature, 1961. Code of Stratigraphic nomenclature : Bull. Amer. Ass. Pet. Geol. v.45, p.645-665.
- Arkell, W.J., 1956. Jurassic Geology of the world. Oliver and Boyd Ltd., Edinburgh, 342 p.
- Bardhan, S., Shome, S., Bose, P.K, and Ghosh, G. 1989. Faunal crisis and marine regression across the Jurassic Cretaceous boundary in Kutch, India. Mesozoic Research, 2(1), p. 1-10.
- Bathurst, R.G.C., 1975. Carbonate sediments and their diagenesis. Elsevier Scientific Publishing Co., Amesterdam, 658p.
- Bhalla, S.N., Tabib, A., 1985. On the occurrence of Foraminiferal in the Jurassic rocks of Jhurio Hill, Central Kutch. Jour. Pal. Soc. India, 30, p.54-56.
- and Abbas S.M., 1978. Jurassic foraminifera

from Kutch, India. Micropaleontology, vol.24, no.2, p. 160-209.

Bhattacharya, A. and Friedman, G.M., 1979. Experimental compaction of ooids and lime mud and its implication for lithification during Burial. Jour. Sed. Petrol., v.49, p.1279-1286.

Biswas, S.K. et al. 1964. Progress report on the geological work done in North Central Kutch, Gujrat. Unpublished report, ONGC.

----- 1971. Note on the Geology of Kutch. Quart.Jour. Geol.Min.Met.Soc.India, 43(4), p.223-236.

----- 1977. Mesozoic rock stratigraphy of Kutch, Gujarat. Quart. Jour. Geol. Min. Met. Soc. Ind., v.49, nos.3 and 4, p.1-51.

----- 1980. Structure of Kutch-Kathiawar region, Western India. Proc.3rd Ind. Geol.Cong., Poona, p.255-272.

----- 1981. Basin Framework, Palaeo-environment and Depositional History of the Mesozoic sediments of Kutch basin, Western India Quart. Jour. Geol. Min. Soc.India. v.53, no.1 and 2, p.56-85.

----- 1982. Rift basins in western margin of India and their hydrocarbon prospects with special

reference to Kutch basin. Bull. Amer. Assoc. Petr. Geol.,
v.66, no.10., p. 1497-1513.

----- 1987. Regional Tectonic framework, structures
and evolution of the western marginal basins of India.
Tectonophysics, 135, p.307-327.

----- 1991. Stratigraphy and Sedimentary Evolution of
the Mesozoic Basin of Kutch, Western India. In,
Sedimentary Basins of India ; Tectonic context (Ed. by
S.K.Tondon, C. C. Pant and S. M. Kasshyap), p.74-103.

----- and Bhasin, A.L. and Jokhan Ram, 1993.
Classification of Indian Sedimentary Basins in the
framework of Plate Tectonics. Proc. second seminar on
Petroliferous Basins of India, vol.1, p. 1-46.

----- and Deshpande, S. V., 1968. Basement of the
Mesozoic sediments of Kutch, Western India. Bull.
Geol. Min. Met. Soc. Ind. no.40, p.1-7.

----- and Deshpande, S. V., 1983. Geology and
Hydrocarbon prospects of Kutch, Saurashtra and Narmada
Basins. Petroleum Asia Jour., v.6, no.4, p.111-126.

Carozzi, A. V., Bouroullec, J., Delloffre, R. and Rumeau,
J.L., 1972. Microfacie's du Jurassique d'Aquitaine.
Publie'par la socie'te' Nationale des Pe'troles

d'Aquitaine, Bulletin du centre de Recherches Pau-SNPA
Volume Spécial no 1 Pau (France).

----- 1989. Carbonate Rock Depositional Models - A
Microfacies Approach. Prentice Hall Advanced Reference
Series. Prentice Hall, Englewood Cliffs, New Jersey
07632 P. 604.

Choquette, P.W., and Pray, L.C., 1970. Geologic nomenclature
and classification of porosity in sedimentary carbonates
Amer. Assoc. Petro. Geologists Bull., v.54, p.207-250.

Carver, R. E. 1970. Procedures in Sedimentary Petrology.
Wiley-Interscience. p. 652.

Degens, E.T., 1967. Stable isotope distribution in carbonates
Carbonate rocks; Developement in Sedimentology 9B,
Edited by G.V.Chilinger, H.J.Bissell and R.W.Fairbridge
Elsevier Publishing Company, New York. p.193-208.

Dickson, J.A.D., 1966. Carbonate identification and genesis
as revealed by staining, Jour. Sed. Petrol., 36/2,
p.491-505.

Dietz, R.S., and Holden, J.C. 1970. Reconstruction of Pangea
breakup and dispersion of continents, Permian to Present
: Jour. Geophys. Research, v.75, pp.4939-4956.

Dunham, R. J., 1962. Classification of carbonate rocks
according to depositional texture. In classification of

- carbonate rocks. (Ed.by W. E. Ham). p.108-121, Mem. Am. Ass. Petrol. Geol. 1, Tulsa.
- Enos, P., 1983. Shelf Environment. Amer. Assoc. Petrol. Geol., Mem.33, p.267-296.
- Flügel, E., 1982. Microfacies Analysis of limestones. Springer-Verlag, 633 p.
- Folk, R.L., 1959. Practical Petrographic classification of limestones. Bull. Amer. Assoc. Petrol. Geol., v.43, p.1-38.
- 1962. Spectral subdivision on limestone types. In, classification of carbonate rocks (Ed. by W.E.Ham), Mem.Amer.Assoc.Petrol.Geol.v.1,p.62-84.
- Friedman, G.M., 1959. Identification of carbonate minerals by staining methods. Jour. Sed. Petrology, v.29, p.87-97.
- 1969.Trace elements as possible environmental indicators in carbonate rocks, in depositional environments in carbonate rocks. SEPM special publication, No.14.
- 1975. The making and unmaking of limestones or the downs and ups of porosity. Address of the retiring President, SEPM, Jour. Sed. Petrol. v.45., no.2, p.379-398.

- Fursich, F.T., Oschmann, W., Singh, I.B. and Jaitly, A.K., 1992. Hardground, reworked concretion levels and condensed horizons in the Jurassic of western India: ~~their~~ significance for basin analysis. Journal of Geological society, London, vol.149, p.313-331.
- Grant, C.W., 1840. Memoir to illustrate a geological map of Cutch. Tran. Geol. Soc. Lond., v.5, pt.2, p.289-329.
- Ghosh, D.N., 1969. Depositional environment in the development of Patcham-Chari sequence in Kutch. Proc. 56th Ind. Sci. Congr. Abstract (pt.III) p.214.
- Hallam, A., 1969. Faunal realms and facies in the Jurassic. Palaeontology, no.12, p.1-18.
- Hallam, A., 1988. A re-evaluation of Jurassic eustasy in the light of new data and the revised Exxon curve. SEPM special Publication no. 42., The Soc. Econ. Pal. Min., p.261-273.
- Hantzschel, W 1975. Trace fossils and problematica, p.1-269. In Teichert C. (Ed.), treatise on invertebrate paleontology, part Miscellaneous W. suppl. I Geological Society of America and University of Kansas Press, Lawrence.
- Haq, B.U., Hardebol, J. & Vail, P.R., 1987. Chronology of fluctuating sea-levels since the Triassic (250 million years ago to present). Science, 235, p.1156-1167.

- Harris, Paul M., Christopher G. ST. C. Kendall and Ian Lerche, 1985. Carbonate cementation. Gulf Research and Development Company, Houston, Texas. p.79-95.
- Hendry James P. 1993. Geological controls on regional subsurface carbonate cementation: an isotopic-paleohydrologic investigation of Middle Jurassic limestones in Central England. Edited by A.D. Horbury and A.G. Robinson. AAPG Studies in Geology #36. p. 231-258.
- Hoefs, Jochen, 1987. Stable Isotope Geochemistry Springer Verlag, Berlin Heidelberg; P. 241.
- Horowitz, A.S. and Potter, P.E., 1971. Introductory petrography of fossils, Springer-Verlag, p.302.
- Howard, J.D. and Reineck, H.E., 1981. Depositional facies of high energy beach-to-offshore sequence. Comparison with low energy sequence. Am. Assoc. Petrol. Geol. Bull. 65, p.807-830.
- Imbrie, J. and Buchenan, H, 1965. Sedimentary structures in modern carbonate sands of Bahamas. SEPM sp. publ. no.12, p.149-173.
- International subcommission on stratigraphic classification (ISSC), 1976. International stratigraphic guide. John, Wiley and sons, New York.

- Jaitly, A.K. and Singh, C.S.P., 1983. Stratigraphy of the Bajocian sediments of Kachchh, Gujarat (W. India). Proc. Ind. Nat. Sci. Acad., A, no.4, p.503-508.
- James, N. P. and Choquette, P. W., 1983. Diagenesis 6. Limestones - The Sea Floor Diagenetic Environment. Geoscience Canada, v.10, p.162-180.
- James, N. P. and Choquette, P. W., 1984. Diagenesis 9. Limestones The Meteoric Diagenetic Environment, v.11, no.4, p.45-78.
- Jenkyns, H. C., 1972. Pelagic "oolites" from the Tethyan Jurassic. Journal of Geology, 80, p.21-33.
- Kimberley, M.M., 1979. Origin of oolitic iron formations. Journal of Sedimentary Petrology, vol.49, no.1 p. 111-132.
- Krishna, J., Singh, I.B., Howard, J.D. and Jafar, S.A., 1983. Implications of new data on Mesozoic rocks of Kachchh, Western India. Nature, 305, p.790-792.
- 1984. Current status of Jurassic stratigraphy of Kachchh, Western India. International symp. on Jurassic stratigraphy, no.3, p.730-741.
- 1987. An Overview of the Mesozoic stratigraphy of Kachchh and Jaisalmer Basins. Jour. Paleo. Soc. India. v.32, p.136-152.

- Krishna, M.S., 1943. Geology of India and Burma. First Edition. Higginbothams (P) Ltd. Madras, p.536.
- Krumbein, W. C. and Sloss, L. L., 1963. Stratigraphy and sedimentation. W H Freeman, San Francisco. p.660.
- Larsen, G. and Chilingar, G. K., 1985. Diagenesis in sediments and sedimentary rocks; Dev. in Sed., 25A. Elsevier, 535p.
- Longman, M. W., 1980. Carbonate diagenetic textures from nearshore diagenetic environments. Bull. Amer. Assoc. Pet. Geol. v.64, no.4, p.461-487.
- Mandwal, N and Singh, S. K., 1989. Bathonian age for the sediments in Jhurio Hill, Kachchh, Foraminiferal evidence. Jour. Pal. Soc. Ind., v.34, p.41-54.
- Mitra, K.C. and Ghosh, D.N., 1964. A note on the Chari series around Jhura Dome, Kutch. Sci. cult., 30, p.192-194.
- Moore, C.H., 1989. Carbonate diagenesis and Porosity. Developments in Sedimentology 46. Elsevier Science publishers B.K. The Netherlands; P. 338.
- Morse, J. W. and Mackenzie, F. T., 1990. Geochemistry of Sedimentary Carbonates. Developments in Sedimentology 48; Elsevier Science Publishers B.V.; The Netherlands p.707.

- Pandey, J. and Dave, A. 1993. *Paleontographica Indica* no.1, Studies in Mesozoic foraminifera and chronostratigraphy of western Kutch, Gujarat. Geoscience Research Group, KDMIPE, ONGC, Dehradun.
- Pascoe, E. H., 1959. A manual of the Geology of India and Burma. v.2, Third Edition, Geological Survey of India, Calcutta.
- Perry, E. A., 1972. Diagenesis and validity of Boron paleosalinity techniques. *Am. Jour. Sci.* 272, 150-160.
- Poddar, M.C., 1959. Stratigraphy and oil possibilities of Kutch, Western India. *Proc. Symp. Dev. Petrol. Res. Asia. Far. East. Min. Res. Dev. Sr.10*, p.146-148.
- Rajnath, 1932. A contribution to the stratigraphy of Kutch *Quart. Jour. Geol. Min. Metall. Soc.Ind.,v.4*, p.161-174.
- 1942. The Jurassic rocks of Kutch, their bearing on some problems of Indian Geology. *Proc. 29th Indian Sci. Cong. (Press.Add.)*
- Rao, C.P., 1990. Petrography, trace elements and oxygen and carbon isotopes of Gordon Group carbonates (Ordovician), Florentine Valley, Tasmania, Australia. *Sedimentary Geology*, 66 (1990) 83-97 Elsevier science publishers B.V., Amsterdam.

Read, J.F., 1985. Carbonate Platform Facies Model. AAPG Bull. v. 69, p.1-21.

Reeckmann Ann and Friedman, G. M., 1982. Exploration for carbonate petroleum reservoirs. A Wiley-interscience publication, New York. p.213.

Roychowdhary, S.C. and Deshpande, S.V., 1982. Regional distribution of carbonate facies, Bombay offshore region, India. AAPG Bull. v.66, no.10, p.1483-1496.

Scholle, A.P., 1978. A color Illustrated Guide to Carbonate Rock Constituents, Textures, Cements and Porosities AAPG Memoir 27, 241p.

Schwarzacher, W. and Fischer, A. G., 1982. Limestone-shale Bedding and Perturbations of the Earth's Orbit. In cycle and Event stratification (Ed. by Einsele / Seilacher), Springer. Verlag, p.72-95.

Singer A., 1984. The paleoclimatic interpretation of clay minerals in sediments - a review. Elsevier Science Publishers B.V. Amsterdam. p. 251-293

Singh, I.B., 1989. Dhosa Oolite. A transgressive Condensation Horizon of Oxfordian Age in Kutchchh Western India. Jour. Geol. Soc. Ind., v.34, p.152-160.

Terence P. Scoffin, 1987. An Introduction to Carbonate Sediments and Rocks. published in the USA by Chapman and

Hall, New York. P. 274.

Tucker, Maurice E. and Wright V.Paul, 1990. Carbonate Sedimentology. Blackwell scientific publications, Oxford, London. p.482.

Venkataramanan, D., 1975. The geology of certain domes in north-western Kutch and its relevance to oil exploration. Bull. ONGC, v.12. No.2, Dec., p.41-50.

Visher, G.S., 1965. Use of vertical profile in environmental reconstruction. Bulletin of AAPG, vol49, no.1, p.41-61.

Wagen, W. 1875. Jurassic fauna of Cutch. Pol.Ind.(GSI), Ser. 9,v.1,p.1-247.

Wilson, J.L. and Jordan, C., 1983. Middle shelf Environment. In carbonate Depositional Environments (Ed. by P. A. Scholle, D.G. Bebout, C.H.Moore), AAPG Memoir 33, p.298-343 Publ.by AAPG, Tulsa, Oklahoma, USA.

Wyne, A.B., 1869. Preliminary notes on the Geology of Kutch, Western India,v.2, Part 3, p.51-58.

----- 1872. Memoir on the Geology of Kutch to accompany a map compiled by A. B. Wyne and F. Fedden, during the seasons 1867-68 and 1868-69. Mem. Geol. Surv. Ind., v.9, pt.1