:REFERENCES:

Agrawal, S.K. (1956b), 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.

Adatte, T., Stinnesbeck, W. and Keller, G., 1994, Mineralogical correlations of near K/T boundary deposits in northern Mexico: Evidence for long term deposition and volcanoclastic influence. Lunar and Planetary Inst. Contri., 825, 1-3.

Alexander, P.C., 1984, Reversals in Petrochemical trends in the lava sequence at Sagar, M.P. **GSI. Spl. Publication** 12, 145-149.

Alvarez L.W., 1987, Mass extinction caused by large bollide impact, **Physics Today**, 40(7), 24-33.

Alvarez, W. & Asaro F. 1990, An extra terrestrial impact scientific Aterij 263(4) 78-84.

Alvarez, L.W., Alvarez, W, Asaro, F. and Michel, H.V. 1980, Extra-terrestrial causes of the Cretaceous/Tertiary extinction, **Science** 20B, 1095-1108, 1986.

Alvarez, W. Clacy, S.P. & Kisffer S. W. , 1995, Emplacement of Cretaceous-Tartary boundary shocked quartz from Chicxulub crator, **Science**, 289, 930-935.

Archibald, David, J. 1982, A. study of Mammalian and geology across the Cretaceous-Tertiary Boundary in Garfield country, Uni. of California Press.

Arkell, W.J. (1956), Jurassic Geology of the World., Oliver and Boyd, 806p.

Arun Kumar, 1987, The Relationship between the Iridium anomaly and Palynological floral events at three K/T B. locations in Western Canada, **Bulletin Geol. Soc. Am.** V. 99, pp. 325-330.

Arun Kumar, 1992, Palynological study of the Sediments across K/T boundary in Texas, U.S.A., **Geophytology** 21, 83-97.

Arun Kumar, 1995, Palynological Report on the Inter-trappean sediments of Anjar Kutch (In personal communication).

Astibia, H. Garcia F. Garmitta, Orue, Exebaria Rodrigu Arearo Busch honi AP. Sanz, J.L., Jimener, E. Fuetries, 1987, The Cretaceous-Tertiary Boundary in a sector of Mouth Limb of Possanda-Trerino syndrial the truss Appearance of Chelonia-Archosrauria in the Basrra Country, **Cre. Res.**, 8, 15-27.

Auden, J.B. (1949), Dykes in Western India, Trans. Nat. Inst. Sci. India, v-3, p. 123-157.

Badve, R.M. and Ghare, M.A.(1978), Jurassic Ichnofauna of Kutch, pt-I, Biovigyanum, v-4, p. 125-140.

Bajpai, S. Sahni, A. and Srinivasan S. 1990, Kutch Intertrappean Biotas: Affinity and Correlation in contribution to Seminar cum Workshop, IGCP, 216 and 245, Chandigarh., 1990, pp. 101-104.

Bajpai, S. Sahni, A. and Srinivasan S. 1990, Ornithoid egg shells from Deccantrappean beds near Anajar (Kutch), Western India. **Current Science** 64(1) 42-45.

Bareara, Enriqucta, 1990 , Global environmental changes proceeding the Cretaceous- Tertiary boundary-Early late Manstrichtian transition geology, 22, pp. 877-880.

Barrera, E. Keller, G. 1994, Productivity across the Cretaceous-Tertiary boundary in high latitudes, **Geol. Soc. Am. BULL.** 106 & 125A-1266.

Baksi, Ajay K. 1987, Critical evolution of age of the Deccan Traps, India : Implications for flood basalt volcanism and faunal extinction **Geology**, 15, 147-150

Baksi, A.K. & Frror, E. 1991, $^{40}Ar/^{39}Ar$ dating of Siberian Trapps USSR :Evaluation of ages of two major extinction events related to episodes of flood basalt volcanism in the USSR and the Deccan Traps of India,**Geology** 19, 461-464.

Bemer, A.R., 1992, Palaeo-CO_2 and climate, Nature, 358-114.

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

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.

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

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.

Bhandari, N. Shukla, P.N. Ghaveriya, Z.G. and Sundaram S. M., 1993, K/T boundary in Deccan-Intertrappean. chemical anomaly and their implications (abstract and paper in conference on Catastrophe and K/T Events. Houston, USA.

Bhandari, N. Shukla, P.N. Ghevariya, Z.G. Sundaram, S.M, 1996, K/T boundary layer in Deccan-intertrappean at Anjar, Kutch, **Geol. Soc. Am. Spl. Publ.**, 307, pp. 417-424.

Bhandari, N. Shukla, P.N., Ghaveriya, Z.G and Sundaram, S.M. 1995, Impact Did not Trigger Deccan Volcanism Evidence from Anjar K/T boundary Intertrappean sediments, **Geophy. Ros. Lett.** 22, 4, pp. 433-436.

Bhandari, N. Shukla, P.N. & Castagnoli Cini G. 1993, Geochemistry of K/T sections in India, Palaeo geog, Palaeoclionat, Palaeoecol, 104, p. 199-211.

Bhandari, N. Gupta, M. Pandey, J. and Shukla P.N. 1994, Chemical profiles in the K/T boundary sections of Meghalaya, India commetory, asteroidal or volcanic, **Chemical Geology**, 112, pp. 45-60.

Bhandari, N. Gupta Mala, Shukla, P.N. 1993, Deccan Volcanic contribution to Ir and other trace elements near the K/T boundary in India, **Chemical Geology**, 103, pp. 129-139.

Bhandari, N. 1991, Collision with earth in Geological times and their consequence to the terrestrial environments, **Current Science**, V. 61(2).

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.

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.

Bohor, B.F. and Betterton, W.J. and Crogh, T.E., 1993, Impact shocked zircons: Discovery of shocked induced textures reflecting increasing degrees of shock metamorphism. Earth, Planet. Sci., Letts. 119, 419-421.

Bohor, B.F., Ford, E.E. Modroski, P.J. Tripplehorn D.M. 1984, Mineralogic evidence for an impact event at the Cretaceous-Tertiary boundary **Science**, 224, 867-869.

Bohor, B.F., Modroski, P.J., Ford, E.E., 1987, Shock quartz in the Cretaceous-Tertiary boundary clays: Evidence for a global distribution, Science, 230, 705-709.

Bohors Bruce, F. Tripplehorn Nichols, Dough, L.W. Naygh J. Millerd, 1987, Dinosaur spherules and magic layers and K/T boundary clay site at Wyoming **Geology**, 15, 890-891.

Bohor, B.F. , Bettleton, N.J. & Krough, T.E., 1993 Impact shocked zircons : discovery of shocks induced texture reflecting increasing degrees of shock metamorphism **Earth Planet, Sci. Lett**. 119, 419-424.

Bohr B.F. , Mod reski, P.T. Ford, E.E. 1987, Shocked quartz in the Cretaceous-Tertiary cry's existence for a global distribution , **Science** 224, 705-709.

Bohrs, B.F., Modreski, I.J. and Ford, E.F. 1987, Shocked quartz in the Cretaceous/Tertiary clays: evidence for a global distribution **Science** 224,705-709.

Bohors, B.F , 1990,Shoked quartz and more impact signatures in Cretaceous-Tertiary boundary clays **Geol. Soc. Am.** Spl. Publ. 247, 335-342.

Brasier, M.D. 1980, Microfossils , George Allen & Unorinn, Sydney.

Brooks Robert F. Strong, E. Porcy, Lee Julian, Gilmore Orth, C.S Ryam, D. E. , & Hofbercher, 1986, Stratigraphic occurrence of Iridium anomaly at four Cretaceous/Tertiary boundary sites in New Zealand, **Geology**, 14, 727-729.

Broughton, Paul, 1981, Casts ofvertebrate internal organs from the Upper Cretaceous of Western Canada., **Jorl.of Geology**, Vol. 89, pp. 741-749.

Buffelaut, E. 1984, The Palaeobiogeographical significance of the Mesozoic continental vertebrate from South-east Asia, **Min. Soc. Geol.** France, N.S. 1984 147, pp 37-42.

Carlise, D.B., 1992, Diamonds at the K/T boundary. Nature 357; 119-120.

Carlise, D.B., 1995, Dinosaurs, diamonds and things from outer space: the great extinctions. Standford Uni. Press.

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.

Chattarjee, S. Rudra, P. 1996, K T. Events in India, Impact, Riffiting, Volcanism and Dinosaur Extinction., Memoirs of the Queensland Museum, 1996, 489-532.

Colbert, E. H., 1977, Mesozoic Tetrapods and northward migration of India, **J. Pal. Soc. of India**, 23, 133-145.

Courtillot, V, Jaeger, J.J., Yang, Z., Feraud, G. and Hofmann, C., 1996, The influence of continental flood basalts on mass extinctions: where do we stand, Geol. Soc. Am., Sp.Pap, 307, 513-525.

Chows, T.M. & Elkins, J.E., 1974, The Origin of quartz geodes and cauliflower chart through the silicification of Anhydride Nodules, **Jl. of Secti. Petrol.** Vol 44, pp 885-903.

Coombs Walter, P.J. 1989, Modern analogs of dinosaur nesting and parental behaviour **Geol. Soc. Am.**, Spl. Paper, 238, 21-93.

Dean Walker, E. 1971, Carbonate minerals and organic matter in sediments of Modern North Temperate Hard Water Lakes, SEPN, Spl. Publication, 31, pp. 213-231.

Dwivedi, G.N. and Ghevariya, Z.G., 1984, Discovery of Dinosaurean horncore from the Infratrappean rocks of Kheda District, Gujarat, **Current Science**, 93(21) 1148-1150.

Elzanowski, A. Wellnhofor P., 1992, A new link between theropods and birds from the Cretaceous of Mongolia, **Nature**, 359, 29, 821-823.

Erbon, H.K. 1972, Ultrastructure, und dike der wand Pathologischer eisihalen, Acad. Wiss. Lit. Mainz, B, 191-216.

Erben, M. K., Hoep, J. & Wedpohl, E.H, 1979, Pathological and isotopic studies of egg-shell from a declining dinosaurs species **Pale. Biology**, Chicago, 5(4), 360-414.

Erikson, I.L.L., David, J. Dikson and Stephen, 1987, Global trace element biogeochemistry at the K/T boundary : Oceanic and biotic response to a hypothetical meteoric impact. **Geology**, vol. 15, 1014-1017.

Farlow James, O. 1987, Speculations about the diet and digestive physiology of hervorous dinosaurs **Palaeobiology**, 13(1), pp.72.

Feist, M. Colombo, F. 1988, La limite Cretace-Tertiar Dans le nord-est del Espagne du point de Vue des Charophyte, **Geologic Mediterrin Tonne**, X n°, 3-4.

Flaming, R.F. Nichols, D.J., 1990, The Fern spore abundance anomaly at the Cretaceous-Tertiary boundary a regional bioevent in western North America in Ksmffman E.S & Wallington CH ets. Exhibition in events in earth history, Berlin Hedonberg springer verlag.

Folk Robert L. & Riphman, Shicall J, 1974, Length slow chalcedony A new testament for vanished evapoitos in **Jl. of Sedi. Petrology.**, Vol, 41(4) , 1045-1058.

Frank, V. Paledino, Dodson, P. Hanmond, J.K. and Spotila James, R. 1989, Temperature dependent sex determination in dinosaur. implication for population dynamics and extinction **Geol. Soc. Am.** Spl Paper, 238, 61-70

Gallup, P. Marc., 1989, Functional morphology of hind foot of the Texas Sausopod, Pleurocoelus indet, **Geol. Soc. Am.** Spl. paper, 23871-74.

Garun Laura, 1988, Of impact & Volcanoes, **Nature**, 334, 22, 29 Dec. 1988.

Gardner, A., Hildebrand, A., and Gilmour, I., 1992, Isotopic composition and organic geochemistry of nitrogen at the Cretaceous-Tertiary boundary, Meteoritics. 26, 175-194.

Ghevariya, Z.G. 1986, Unpublished Progress Reports of Geological survey Of India. For FS 1984-85.

1978-1981 Bentonic Clay Investigation in parts of Kutch, 1982.

Ghevariya, Z.G. 1987, Report on systematic mapping in parts of 41 I/13, 15 and 41 M/3 eastern Kutch, Unpublished Progress Reports of Geological Survey Of India, Fs. 1985-86.

Ghevariya, Z.G. 1989, Report on systematic mapping in parts of 41E/2,6 and 41I/7 Kutch district of Gujarat, A Progress Report for FS. 1987-88.

Ghevariya, Z.G., 1988(a), Intertrappean Dinosaurean Fossils from Kutch, Gujarat, **Curr. Sci.**, 57(1), 248-251.

Ghevariya, Z.G., 1988(b), Dinosaur fossil in Gujarat through ages, abstract (Geology section) , V. Gujarat Science Congress, (4).

Ghevariya, Z.G., Sable, A.B., Rakhit, P. 1988, Report on Geol. mapping in part of T.S. 41A/13,14,and 41E/2, for FS. 1980-81.

Ghevariya, Z.G., Sable, A.B., Rakhit, P. Shah, S.C. 1983, Vertebrate fossils from Dayapar village.

9

Ghevariya, Z.G., and Srikant, C., 1987, Report on systematic Geol. mapping in parts of T.S. 41E/16, 41I/4, unpublished progress report of Geological Survey of India.

Ghevariya, Z.G. & Srikant, C. 1989(a), Records of Geological Survey of India, v. 12 (7). 165.

Ghevariya, Z.G. & Srikarni, C. 1989(b), Records of Geological Survey of India, v. (7)

Ghevariya, Z.G. & Srikarni, C. 1990(a), Dinosaur foot prints from Cretaceous rock of Kutch, Gujarat, India. In Cretaceous Event Stratigraphy and correlation of Indian Non-marine strata contributions: Seminar Cum Workshop IGCP 216-245 Chandigarh, pp. 86-91.

Ghevariya, Z.G., and Srikarni, C. 1990(b), Anjar Formation, its fossil and their bearing on the extinction of dinosaurs in Cretaceous event stratigraphy and correlation of Indian Non-mature strata contribution to Seminar cum workshop, IGCP, 216-245, Chandigarh pp. 106-109.

Ghevariya, Z.G., Srikarni, C., 1991, Report on systematic Geological mapping in part of Toposheet 41E/9, 13,14 and 41I/6. Unpublished progress report of Geological survey of India, 1989-90.

Ghevariya, Z.G., and Srikarni, C. 1993(a), Discovery of Dinosaurian fossils from different parts of Gujarat and their bearing in K/T boundary problem, Abstract in Faulting of Western margin of India and its bearing on the Mineralisation, Geol. Soc. India: **Annual Convention Bull**. pp. 42-43.

Ghevariya, Z.G. and Srikarni, C. 1993(b), Dinosaurian Funna from Mesozoic Rocks, western India, IX International Gondwana Symposium, 675-676

Ghevariya, Z.G., Shringarpure, D.M., 1998, Age of Dinosaur in Gujarat in Seminar on Earth Science in development of Gujarat state M.G. Sci. Inst., 1998, pp. 20-25.

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.

Gilmour, I. and Anoders, E., 1989, Cretaceous-Tertiary boundary event:Evedence for short time scale **Geochem Cosmichim Acta**, 53, 503-511.

Gilmour, I., Russell, S.S., Andrew Lee, M.R., Franchi, I.R. and Pollinger, C , 1992, Terrestrial Carbon and Nitrogen isotopic ratios from Cretaceous-Tertiary boundary nanno diamond, **Science** 258, 1624-26.

Gomndan, A. 1981, Forrminifera from infra and intertrappean surface sediment of Narasapur wall-1 and age of Deccan trap flows in Indian colloquium on micropal

& strati. 9th Proceeding, Dehradun, pp. 81-93.

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

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.

Hall, J.W., 1969, studies on fossil Azolla : Primitiva types of Megaspores and Massulate from the cretaceous, **Am. Jl. Bot**. 56, 1193-1180.

Hallam, A., 1992, Phenerozoic sea level changes, Columbia Uni. Press, N.Y.

Hansen, T., Faraund, R.B, Montgomery, H.A., Billman H.G., In Blechschmidt, G., 1987, Sedimentological and extinction pattern across the Cretaceous-Tertiary Boundary Interval in East Tas United states, Cretaceous Region 8(3), 229-252.

Haq, B.U., Hardenbol, J. and Veil, P.R., 1987, Chronology of influencing sea levels since the Triassic, Sci. 235, 1156-1167.

Henry, C.P., Jonathan, G.P., Rubin, J.N., Parker, D.F., Wolf, J.A., Self, S., Franklin, R Barker, D.S., 1988, Widespread lava like silisic volcanic rocks of Tarns-Pccos, Texas, **Geology**, v-16, pp. 509-512.

Hilderbrand, A.R., Penfield, G.T., King, D.A., Pilkington, M., Camargo, A., Jacobsen, S.B. and Boynton, W.V., 1991, Chicxulub crater; a possible Cretaceous-Tertiary boundary impact crater on the Yucatan Peninsula, Mexico., Geol., 19, 867-871.

Hoffman, C., Courthlot, V., Bhandari, N Shukla, P N., Kusumgar, S., Ghevariya, Z.G, Gallet, Y, Feraund, G, Rochia, R., 1997, Timing of Bollide Impact and Flood basalt volcanism at the K/T boundary based on study of Kutch section paper presented in European Geophysical Society meting,1997.

Holser, W.T. and Magaritz, M., 1992, Cretaceous-Tertiary and Permian-Triassic boundary events compared, Geochim. Cosmochim. Acta., 56, 3297-3309.

Homer, J.R., 1984, Evidences of Colonial resting and site fidelity among Onithischian dinosaurs, **Nature**, 297, 675.

Homer, J R. and Mickela, R 1977, Nest of Juncnile provide family structure among dinosaurs, **Nature**, 282, 296-298.

Horowtz Stanley Alan & Potter, P.E., 1971, Introductory petrography of fossils spniger-verlag, N.Y.

Ivany, L.C. and Salavich, R.J., 1993, Carbon Isotope evidence for biomass burning at the K/T boundary., Geol. 21, 487-490.

Izett, G., Dalrymple, G.B. and Snee, L.W., 1991, $^{40}Ar/^{39}Ar$ age of Cretaceous Tertiary boundary Tectites from Haiti, Science, 252; 1539-1541.

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.

Jain, S.L. & sahni, A., 1993, Some upper Cretaceous vertebrate from central India and their Palaeogeographic implication. **Ind. Acsoc. Paleontology**, pp. 66-83.

Jaeger, J.J., Courtillot, V., Tapponnier, P. 1989, Palaeontological view of ages of the Deccan Traps, the Cretaceous/Tertiary boundary and the India-Asia collision, Geology, v. 17, pp. 316-319.

Jekins, D.G., Mrsorry, J.W.,(ed), Stratigraphic Atlas and Fossils Formaminifara British **Micropal. Soc. Series**, London.

Jones David, J. 1989, Introduction to micro fossils , Hafner Publishers Co. N.Y., pp. 266-304.

Kamo, S.L. and Krogh, T.E., 1995, Chicxulub crater source for the shocked zircon crystals from Cretaceous-Tertiary boundary layer, Saskatechewan: evidence from U-Pb data, Geol 23, 281-284.

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.

Kaziwara, Y. and Kaiho, K., 1992, Oceanic anoxia at the Cretaceous-Tertiary boundary supported by Sulphur isotope record. Palaeogeo. Palaeoclim. Palaeoecol., 99, 159-162.

Keighina, C.W. and Thomas Foush, 1981, Dispositional Environment and Diagenesis of some Non-marine upper Cretaceous Reservoir rocks Vimta Basin Utah, SEPM.

Spl. Publ. BL., N.Y. p. 109-198.

Kitchin, F. F. (1900), The Jurassic fauna of Kutch: The Brachiopods of Kutch , Palaeont Indica., (Geol. Sur. India), Ser.9, v-3(1), 87p.

Kitchin, F.F. (1903), Jurassic fauna of Kutch, Genus Trigonia, Paleo. Indica, ser. IX, v-111, pt. 2.

Kring, D.A., and Boynton, W.V, 1991, Altered sperules from impact melt and associated relict class from K/T boundary sediments in Haiti, Geochim cosmochim acta. 55, 1737-1742.

Kring, D.A., and Boynton, W.V, 1993, K/T melt glasses, Nature, 363, 503-504.

Krogh, T.E. Kamo, S.L., Sharpton, V.L., Martin, L.E. and Hildor Brand, A.r., 1993, U-Pb ages of single shocked zircons linking distal K/T ejecta to the Chicxulub crater, Nature, 366-731-734.

Kummel, Bersard & Roup David, 1965, Hand book of Paleeontological Techniques, W.H. Freman & Co. London, Smfrancisco

Kyte, F.T., 1996, A piece of the K/T bolloide ?, abst. Lunar Planet Sci. XXVII, 717-718.

Lehman Thomas, G. 1987, Late Mustrichtion Palacoenvironments and dinosaurian biogeography in the Western Interior of North America, **Palaeogeogr. Paleoecol. Palaeoclim**., 60, 189-217

Leornardi, 1989, Inventory and statistics of the South American Dinosaurian Ichonofauna and its palaeobiogeographical Interpretations : Dinosaur foot tracks and traces Gillettee D. and Lochdy, M.G.

Lerbechmo, John F. Sweet A. R. Robert, M. 1987, The Relationship between the Indium anomaly and Palynological floral events, at three Cretaceous-Tertiary boundary locations in W. Canada, **Bull. Geol. Soc. Ind**. V.99, pp. 325-330.

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

Lockley, M.G., Hovel, K.I. and Nanoy, J. 1986, North America's longest dinosaur track way implication for Morrison Formation Palaeecology. **Bull. Geol. Soc. Am**. 97, 1160-1176.

Lockely, M.G. Consad Kelly, 1990, Palaecoenvironmental context preservation and palaeoecological significance of Dinosaur tracks sites in the western USA, in Dinosaur foot tracks sites Ed Gillette D, and Lockely M.G. Cambridge university Press.

Magaritj Mondeckri, 1989, ^{13}C minima follow exctinction events: A clue to fauna radiation , **Geology**, v.17, 337-340.

Martin, E.E. and McDougall, J.D., 1991, Sea water Sr isotopes at the Cretaceous-Tertiary boundary, Earth Planet. Sci Letters. 104, 166-180.

Master Niali J., Poli Wyoisk, Lois, L. Jacobs, Michel Brunet, Peter Lnger, Mohammed, A. Arushy, Frits Headriks weissbrod, Gedalishu Gvidtyman, Evein Mbede Hunta waiget, Hamed, A. El. Nakhal, Joseph Hell and Johannes stes, 1992, Correlation of non marine Cretaceous strata of Africa and middle East, Cretaceous Res., 13, 273-318.

Mathur, U.B. 1989, Did the Dinosaurs cross over to Palaeocene ? **Current Science**, v.26, 14, 1989.

Mathur, A.K. and Mathur U.B. 1989, Boraginacae (Angiosperm) seeds and their bearing on the age of Lameta beds of Gujarat, **Cur. Sci.** v.26,(ii).

Mathur, U.B. Pant, S.C. 1986, Sauropod dinosaur humeri from Lamta Group (up Cretaceous ? Palaeocene) of Kheda district, Gujarat. **Journal of Palaeontological Ind**., 31, pp. 22-35.

Mathur, U.B. and Pant, S.C. 1988, Bonehisiology as a tool for search of dinosaur. **Journal Geol. Soc. Ind**. v.3(3), 299-304.

Mathur, U.B. and Srivastava, S. 1987, Dinosaur teeth from Lameta Group (up Cretaceous) of Kheda district of Gujarat, **Journal Geol. Soc. Ind**., 29, 554-568.

Matley,C. A. 1934, The Cretaceous dinosaur of Trichinopoly district and rocks associated with them, **Pal. Geol. Surv. Ind**. v-61(4), 337-340.

Matley, C.A., and Von Huene E B., 1933, The Cretaceous Saurischcia and Ornithischia of central province of India, Pal. Ind. N.S. 21, 1-70.

Mc Bridge, F. Eurle, 1979, Silica in sediments Nodules and Bedded cherts SEPM, Reprint Series No-8.

Medus, J., Feist, M. Rochia, R. Batton, D.J. Barlot, D., Colombo, F., Tambaueaur, Villete, J., 1988, Prospect for recognition of the Palionological cretaceous/Tertiary boundary and Iridium anomaly in non marine facies of eastern Spanish pyrrenees: A preliminary report MCWS-Stratigr. 18(3) 123-138.

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.

Medlicott, H.B. and Blanford, W.T. (1879-1887), Manual of Geology of India, 4 volumes, G.S.I., Govt. of India press, Calcutta.

Mohabey, D.M. 1986, Note on dinosaur foot print from Kheda district, Gujarat., **Geol. Soc. India**. v.27, 408-409.

Mohabey, D.M., 1987, Jurassic Sausopod dinosaur from upper Cretaceous Lameta Formation of Panchmadal district, Gujarat, India, **Jl. Geol. Soc. Ind**. v-30(3), pp. 210-216.

Mohabey, D.M., 1989, The Braincase of a Dinosaur from the late Cretaceous Lameta Formation, Kheda district, Gujarat, W.India, **Jl. Earth Science**. vol.16(2), 132-135.

Nair, P.K.K., 1971, Introduction to Palynology.

Naney Jerome, N. 1974, Early Diagenetic chart in the Marble falls group (Pensylvanian) of central Texas, **Journal Sedi. Petrol.** v.44(4), pp.1262-1268.

Negi, J.G., Agrwal, P.K., Pandey, D.P., Singh, A.P., 1993, A possible KT Boundary bollide Impact site offshore near Bombay and Triggering of rapid Deccan volcanism **Phys.Earth & Planet. Ind**. 76, 189-197.

Nelson, B.K., Macleod, G.K., Ward, P.D., 1991, Rapid change in strontiam isotopic composition of sea water before the Cretaceous-Tertiary boundary, Nature, 351, 644-647.

Nichols, J.& Fleming, 1990, Plant micro fossils record of the terminal Cretaceous in the Western United States in Canada, **Geol. Soc. Am**., Spl. Pubn. 247.

Officer Charles and Drake, L., 1983, The cretaceous-Tertiary transition . **Science**, vol. 219, No4591, pp. 1383-1390.

Officer Charles and Drake, L., 1985, The Terminal Cretaceous environmental events, **Science**, 227, pp. 1161-1167.

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.

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

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

Ontz, C.J. & et. al., 1981, An Iridium anomaly palynotological cretaceous-Tertiary boundary in northern New Mexico, **Science**, v.254 & 1341-1341.

Ortz, D.F.Jr., 1969, Numerical analysis of Palynological data from cretaceous and early tertiary Sediments east central Montana, **Palaeontograpica**, abI-B, v-125,pp. 1-64.

Ortron, J.H., 1970, The evidence of entotharmy in dinosaurs : In R.D.K. Thomas & E.C. Dston (Eds). A cold look at the worm blooded dinosaurs Association for

Advancement of science Edited SIMP series No. 28, Boulder Colorado, west view Press, pp. 55-54.

Pandey, K. Venkatesan, T.R., Gopalan, K, Krishnamurthy, P. and Macdougal, J.P., 1988, ^{40}Ar-^{39}Ar Ages of Alkali Basalt from Kutch Deccan volcanic province, India. **Geol. Soc. Ind.** No.10, pp.145-150.

Pamer, M., Misel, M. 1985, The problem of dinosaur Extinction : Contribution of study of terminal Cretaceous eggshells from South-East France, **Geobiosm** n°18,5,pp. 665-669.

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

Philippe, P. and Juranes, S., 1988, Reconstruction of the central Indian Ocean, **Tectonophysics**, 155, pp.211-234.

Pillmore, Ch., TS Chudy, R.H., Orth C.J., Gilmore, J.J., Kogrer, J., 1984, Geological framework of non-marine cretaceous-Tertiary boundary sites, Raton basin, New Prexi Co. and Colorado, **Science**. v.21, pp. 1180-1183.

Pittman, Jettery, G., 1989, Stratigraphy lithology depositional environment and track type of dinosaur track bearing beds of the Galf coast plain: In dinosaur foot prints and tracks Ed. Gillette, D.C., Lokely, M.G., Cambridge Univ. Press.

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, 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.

Pollard Charles, O.H. & Weakern Charles, E. 1973, Opaline sherules Loosely patched aggregates from silica nodules in Diatomaceous earth, **Journal, Sedi. Petrol.**, 43,(4) pp. 1072-1073.

Prince Nauy, W. and Lockdy, M.G. 1989, The sedimentology of purgatory track site region, Mrrision Formation of South Colorado in Dinosaur tracks and tracks Ed. Gillette and Lockely, M.G. Cambridge Univ. Press.

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

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

Rajnath, (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.

Raju, D.S.N, Jayaprakash,B.C., Arunkumar, Saxena, R.K. Dave Alok, Chatterjee, A.K. and Misra, C.M. 1995, Age of Deccan volcanism across K/T boundary in Krishna-Godavari Basin New endures. **Jourl. Geol. Soc. Ind**. v-45, pp. 229-233.

Raju D.S.N., and Dave, A., 1993, Foraniferal events across Krishna-Godavari Basin, India, in Proc. II Seminar on Petroleferous Basin of India Eds. S.K. Biswas, et. al., Indian Petroleum Publications, Dehra Dun, India, v-1, pp.315-329.

Raju, D.S.N., Ravindran, C.N., Dave, A., Joyprakash, B.C. 1991, K/T boundary events in the Cavery and Krishna-Godavari Basin and the age of Deccan volcanism, **Geoscience Journal India**, v.12, pp. 177-190.

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.

Reid, R.E.H., 1994, Primary bone and dinosauran physiology, **Geol. Mag**. 121(6), pp. 589-598.

Richar, A.R., 1994, Testing an Ancient Impact's Punch, **Science**, v.265, pp. 1371-1372

Ricgles Armand, J. 1970, Tissue structure of Dinosaur bone : Functional significance and possible relation to Dinosaur physiology in R.D.K. Thomas & E.C. Ogion Eds A cold lake at worm blooded dinosaurs Am. Ass. of Sci., Selected symposium Mo23, Bonlder Colorado, W. v. Press, pp.103-139.

Robin, E., Bonte, P., Forget, L. Jehanno.C., and Rocchia, R., 1992, Formation of spinels and cosmic objects during atmospheric entry: a clue to KTB event, Ear. Plan. Sci. Lett., 108, 181-190.

Romer, A.S., 1976., Osteology of Reptiles, Univ. of Chicago Press, Chicago.

Royor Jean-Yves, Phillpe Patriat, Hough, W. Hergh and Christopher, R. scolese, 1988, Evolution of the South East Indian Ridge from the late Cretaceous (anomally 34) to middle Eocene (anomaly 20), **Tectonophysics** 155, 235-260.

Russed, D.A., 19 Estimated speed of giant bipedal dinosaur, **Nature**, v.242, pp. 224.

Russel, D.A., 1979, The enigma of the extinction of the Dinosaur., **Rev. Earth Planet. Sci**. 7. 163-182.

Sahni, A., 1989, Palaeoecology and Palaeoenvironment of the late Cretaceous Dinosaur Egg Shell site from peninsular India : In Dinosaur foot tracks and traces Ed. Gillette and Lockely, M.G.

Sahni, A. and Bajpai, S. 1990, Cretaceous-Tertiary boundary vertebrates, palaeomagnetic and radiomatric evidence events : The fossil from Peninsular India, **Journal Geol. Soc. Ind.** v.32, pp.382-396.

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 Trigonia Beds, Rec. Geol. Surv. Ind., v-84, pt. 4, p. 431-438.

Sarjeant, W.A.S., 1975, Fossil tracks and impressions of vertebrates in Trace Fossils Ed. R.W. Frg. Spnager-Valley New York, pp. 283-323.

Sarkar, A., Bhattachayya, & Mohabey, D.M, 1991, Stable isotop analysis of dinosaur egg shells, Paleoenvironmental implications **Geology**, 19, 1068-1071.

Sarkar, A., Bhattacharya, S.L., Shukla, P.M., Bhandari, N. Naidian, D.P., 1992, High Resolution profile of stable isotopes and iridium across K/T boundary section from Koshak hills, Mangy Shalle, Kazakistan, Tera Nov.4, 585-590.

Schmitz, B., Keller, G. and Stenwall, O., 1992, Stable isotope and foraminiferal changes across the KTB in Stevns, Klint, Denmark: Argument for long term oceanic instability before and after impact event, Palgeo. Paleoclim. Paleecol., 96, 233-260.

Schultz, P.H. and Gault, D.E., 1990, Prolonged global catastrophes from oblique impacts. Geol. Soc. Am., Spl. Pap. 247, 239-261.

Schultz, P.H. and Lianza, R.E., 1990, Resent grazing impacts on the Earth recorded in the RioCuarto Crater field, Argentina, Nature, 234-237.

Schuraytz, B.C., Lindstorm, D.J., Martin, L.E., Martinez, R.R., Mittlefehldt, D.W., Sharpton, V.I. and Wentworth, S.J., 1996, Ir metal in Chicxulub impact melt; Forensic chemistry on the K/T smocking gun, Science, 271, 1572-1576.

Sergei, M., Kurranar and Konstantine, E. Makhalov, 1989, Dinosaur egg shells from Cretaceous of Mongolia, in Dinosaur foot tracks and tracks Ed. by Gillette, D. and Lockely, M.G., Cambridge University Press., 109-113.

Sharpton Vigil, L. Dalrymple Brent, G. Martin L. F. Grahm Ryder, Senkunin, G. Schruraytz and Jaime Unrrutia-Fucugauchi, 1992, New links between the Chicxulub impact structure and the Cretaceous/Tertiary boundary, **Nature**, Vol. 359, pp. 819-821.

Sheard, R.G., 1969, Microflora diagnosis of the Cretaceous-Tertiary boundary, Central Alberta , **Res. Geol. Alberto Bull**. 25, 148.

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, P.M. & Bhandari, N., 1997, Physical changes and biological changes at geological boundaries causes consequences and clues based on the study of Indian sections, Palaeobotany, 46, 12, 41-62.

Shukla, P.N., Shukla, A.P. and Bhandari, N. 1997, Geochemical characterization of Cretaceous-Tertiary boundary sediments at Anjar, India, **Palaeobotanist**. 46,(2), 127-132.

Sedleoka, A. 1972, Length slow Chalcedony and Relics of sulfates-evidences of vaporize Environments in the upper Carboniferous and Perminian beds of Bear Island SVAI-BARD, **Jl. Selli. Petrol**. Vol.42(4), pp812-816.

Silver, L.T. & Schultz, P.H., 1982, Geological implications of impacts of large asteroids and comets on the earth. Geol. Soc. Am. Spl. Pap. 190, 528.

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.

Smit, J., 1982, Extintion and evolution of Planktonic formanifera after a major impact at Cretaceous/Tertiary boundary, **Geol. Soc. Am.** Spl. Pap. 190

Smit, J. 1990, Meteorite impact extinction and Cretaceous-Tartary boundary, Geologic in Mijinbouw v.69. pp.187-204.

Smit, J. and Klaver, G. 1981, Sanidine spherules at the K/T boundary indicate a large impact event, **Nature**, 292, 47-49.

Smit, J. and Kyate, F.T., 1984, Siderophile rich magnetic spheroids from the Cretaceous-Tertiary boundary indicator in Umbria Italy, **Nature**, 310-403-405.

Smit, J., Montari, A., Swinburne, N.H.M., Hildebrand, A.P., Moargolis, S.V., Claeys, P., Lowrie, W. and Asaro, F., 1992, Tectite bearing deep water clastic unit at the Cretaceous-Tertiary boundary in Northeastern Maxico, Geol., 20, 99-100.

Spencer, G. Lucas and Andran, P. Hant, 1989, Alamosaurus and the Sauropod hiatus in the Cretaceous of North American west-interior. **Geol. Soc. Am**. Spl. Pap. 238, 78-85.

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.

Srikarni, C. and Ghevariya, Z.G., (In Press), Discovery of Dinosaurian foot prints and tracks from upper Jurassic rocks of Kutch, (Geol. Soc. Ind.)

Srivastava, S.K. 1970, Pollen biostratigraphy and palaeoecology of the Edmonton Formation (Man strichtlan) Alberth, Canada, Palaeogeograp, Palaeoelol. v.7 pp. 221-276.

Stanley, E.A., 1965, Upper Cretaceous and Palaeocene Plant micro fossils and palaeocene dinoflagellate and hystrichosphaerids from north western South Dakota, **Bulletin of Am. Paleontology**, v.49. pp384.

Stinnesbeck, W., Barbarin, J.M., Keller, G., Lopez, -Oliva, D.G., Pivnik, D.A., Lyons, J.B., Officer, C.B., Adatte, T., Graup. G., Roccichia, R., and Robin, E., 1993, Deposition of channel deposits near the Cretaceous-Tertiary boundary in northern Maxico, Catastrophic or normal sedimentary deposit ?, Geol, 21.; 797-800.

Sommerfeld, M.H., 1986, Silicate as a palaeoclimate indicator, Evidence from South Africa, Palaeogen, Palacoclim. Palaeocol. 52, 356-361.

Sundvik Michel, T & Roger, L. Larson, 1988, Seafloor spreading history of the western North Atlantic Basin derived from the Keathley sequence and computer graphics, **Tectonophysics**, 155, 49-71.

Sweet, A.R., 1978, Palynology of the Ravencrag and Frenchman, Formation in Coal measures southern Sushkwan : A model for evolution methodology, Canada **Geol. Surv. Reprint**, 41, v-41.

Sweet, A.R. 1988, A regional perspective on palaeonological response to K/T boundary event with emphasis on the variations imposed by the effects of sedimentology facies and latitudes: In abstract global astophens Earth's ins ton 633, pp 190-197.

Sweet , A.R. Hillse, I.V. 1984, Palynological and Sedimentological analysis Cretaceous-Tertiary boundary, Red Dear River Valley, Alberta, Canada Internal. Palynol. conference, Vol, 6th, pp.160 Cal gary, Albota, Canada.

Sweet, A. R. Braman, D.R. Lerbekmo, J.F., 1990, Palynofloral response to K/T boundary Event, A transitory interpretation within a dynamic system , **Geol. Soc. Am**. Spl. Pap. 247.

Swisher, C.C., Nishimura, J.M.G., Montanari, A., Margolis, S V., Claey, S.P., Alwaretz, W., Remmep, Pardo, E.C., Mauttasse, F.G.M.R., Curtis, G.H., Smit, J. and Williams, M.O., 1992, Coeval Ar/Ar ages of 65 million years ago from Chicxulub crater melt rock and Cretaceous-Tertiary boundary tektites. Science,

257: 954-958.

Taylor, T.N., 1981, Palaecobotany, M.C. Graw Hill Broke Company, N.Y. pp 60-77, 274-273, 386-460, 445-449.

Taylor, T.N., and Taylor, E.L., Editors 1990, Antartic biology: Its role in the reconstructions of Gondwna spng-Valley, N.Y,.

Tredove, M. De WTT M.J., Hart, R.J. Lindsay N.M., Verhagn, B. and Sellschop, J.E.F., 1989, Chemostoatigraphy across the Cretaceous-Tertiary Boundary and a critical assessment of the Iridium anomaly, **Journal of Geology**, 1989, Vol. pp. 585-605.

Tuschdy, R.H. 1971 Palynology of the Cretaceous-Tertiary boundary in North Rocky mountains and Mississippi emboyment Region. **Geol. Soc. Am.** Spl. Pap. 127 -28, 65-112.

Tuschdy, R.H., 1973, Complexiopollis pollen image in Mississippi Emboyments, U.S.S R , Prof. pap, 734 : 734-C:150.

Tuschdy, R.H. , Pillmore, C., Onth, C., Gitmore, J., and Kmght, J. 1984. Deseriphion of terrestrial plants ecosystem at the Cretaceous-Tertiary boundary, system interior **Science**. 225, 1030-1032.

Tuschdy, R.H., & Tuschdy, B.D., 1986, Extinction and survival of plant life following the Cretaceous-Tertiary boundary event, Western interior, N. America, **Geology,** Vol. 14: 667-870.

Tweedie, M. 1977, The world of dinosaurs, William Moreks & Co. N.Y..

Twiddle Ch. & Hutton, J.T., 1986, Silarete as a dimatic indicator: Discussion, Papageogr Palaeochimold Palaecoecol. 52, 851-860.

Venkatasan, T.R., Pandey, K. 1990, Is Deccan volcanic Episode related to K/T events in contribution to Seminar Cum Workshop, IGCP, 216 and 245, Chandigarh.

Vermy Geerat, I. 1989, Geographical restriction as a guide to the causes of exhibition the case of the cold northern Oceans during the NeogenePapaeobiology 15, (4) pp. 335-356.

Venkatesan, T.R., Pande, K. and Ghevariya, Z.G., 1996, ^{40}Ar-^{39}Ar ages of Anjar sequences in the western Deccan province (Indai) and its relation to the Cretaceous-Tertiary Boundary events, **Current science**.

Vredenberg, E.W., 1910, A summary of Geology, IInd Edi.

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. (1876), The Jurassic Fauna of Kutch: The Cephalopoda., Palaeont. Indica (Geol. Sur. India), Ser. 9, v-1, pt. 1-4, 247p.

Waagen, W. (1875), Jurassic fauna of Cutch, Pal. Ind. GSI Ser. 9.1.

Washampal, David, and Norman David, B. 1989, Vertebrate herpivory in Mesozoic. Jaws plants and evolution metrics, **Geol. Soc. Am.** pp. 238, pp.67-87.

Winkler, D.A. Murraj, P.A., 1989, Palaeoecology and hypsilophodonts behaviour at the Proctor Lake dinosaur locality (early Cretaceous).

Wolbach, W.S, Lewis, R.S. and Anders, E. 1985, Cretaceous extinction : Evidences for wild fires and seach for meteoritic material **Science**, 230, v. 167-170.

Wolbosch, W. Golman, F. Eduards Anders, E. Orth, J.C., 1988, Global fire at the Cretaceous-Tertiary boundary, **Nature**, 334(25), 665-669.

Wolbach, WS, Gilmour,I. and Anders, E., 1990, Major wild fires at the Cretaceous-Tertiary boundary. Geol. Soc. Am. Spec. Pap. 247: 391-399.

Wolf, J.A., 1987, Late Cretaceous-Cenozoic history of deciduousness and the terminal Cretaceous events, **Palaecobiology**, V-13, pp. 21-26.

Wright, V.P., Platt, N.H., Wimbldon, W.A., 1988, Biogenic luminar Calcrete evidence of Calcified rootmat horizons in palaeosols, **Sedimentology**, 35, 603-620.

Wynne, A.B. (1872), Memoir on the Geology of Kutch to accompany a map compiled by A.B. Wynne and F. Fedden during the sessions 1867-68 and 1868-69, Mem. Geol. Surv. Ind. v-9 p. 1-289, pls. 1-6.

Yadgiri,P. Prasad,K.N and Satsangi, P.P. 1977, Sumopod dinosaur from Kota Formation of Prahita-Godavari Valley, India IV, International Gondwana Symposium, Calcutta, pp.199-203.

Yadgri, P. Ayyasami, K. 1979, A new stegsmesin dinosaur from upper Cretaceous sediments of south India, **Jl. Geol. Soc. Ind**. v.90, (II) 521-530.

Yadgiri, P. Ayyasami, K. and Rao, B.R.J., 1989, Cretaceous dinosaurs from South India and their palaeogeographic significance . **Reco. Geol. Surv. Ind.** V.112(2), 61-67.

Yadgiri, 1988, A new Sauropod, Kotasaurus from Lower Jurassic Kota Formation India. **Reco. Geol. Surv. Ind**. 176, (3-8), 102-127.

Zhao, M, and Bada, J.L., 1989, Extraterrestrial amino acids in Cretaceous/Tertiary boundary sediments at Stevns Klint, Denmark, Nature, 339, 463-465.