

Interesting Papers in other Journals

NATIONAL GEOGRAPHIC

Vol. 167 (2), Feb. 1986

SANTHA RAMA RAO Banaras, India's City of Light, pp. 214-251.

NATURE

Vol. 320, No. 6057, 1986

HOLLAND, H. D., LAZAR, B. and McCAFFREY, M. Evolution of the atmosphere and oceans, pp. 27-33.

HAGGERTY, S. E. Diamond genesis in a multiply-constrained model, pp. 34-38.

Vol. 320, No. 6060, 1986

ANDERSON, D. L. and BASS, J. D. Transition region of the Earth's upper mantle, pp. 321-328.

Francois, L. M. Extensive deposition of Banded Iron-Formations was possible without photosynthesis, pp. 352-355.

Vol. 320, No. 6061, April 1986

SMITH, P. J. Growing stromatolites, p. 396

ENGLAND, P. Deformation of Continents, p. 399.

HODELL, D. A., ELMSTROM, K. M. and KENNEDY, J. P. Latest Miocene benthic ^{18}O changes, global ice volume, sea level and the 'Messinian salinity crisis', pp. 411-414.

NAKAI, S., SHIMAZU, H. and MASUDA, A. A new geochronometer using lanthanum-138 pp. 433-435.

KURZ, M. D. Cosmogenic helium in a terrestrial igneous rock, pp. 435-438.

Vol. 320, No. 6062, April 1986

ANDERSON, A. Marine Uranium: Japan plumbs the depths, p. 475

CHANDLER, A. M. Building damage in Mexico City earthquake, pp. 497-500.

BOLTON, B. R., OSTWAL, J. and MONZIER, M. Precious metals in ferromanganese crusts from the south-west Pacific, pp. 518-519.

Vol. 320, No. 6063, April 1986

LAMBECK, K. Planetary evolution: Banded Iron Formations, p. 574.

WALKER, J. C. G. and ZAHNIE, K. J. Lunar nodal tide and distance to the moon during the Precambrian, pp. 600-602.

FERRIS, F. G., BEVERIDGE, T. J. and FYFE, W. S. Iron-silica crystallite nucleation by bacteria in a geothermal sediment, pp. 609-611.

PETERSEN, N. and DOBENECK, T. Fossil bacterial magnetite in deep-sea sediments from the South Atlantic Ocean, pp. 611-613.

PRECAMBRIAN RESEARCH

Vol. 30, No. 3, October 1985

SOFER, Z. An unusual occurrence of light hydrocarbon gases in a well offshore Northeast Palawan island, the Philippines, p. 179.

SRIKANTAPPA, C., RAITH, M. and ACKERMANN, D. High-grade regional metamorphism of ultramafic and mafic rocks from the Archaean Sargur terrain, Karnataka, South India, p. 189.

ZHANG, V. Stromatolitic microbiota from the Middle Proterozoic Wumishan Formation (Jixian Group) of the Ming Tombs, Beijing, China, p. 277.

Vol. 30, No. 4, November 1985

MOSSMAN, D. J. The geochemistry of Witwatersrand type gold deposits and the possible influence of ancient prokaryotic communities on gold dissolution and precipitation, p. 303.

- WATERSON, J. R.** Crystalline gold in soil and the problem of supergene nugget formation: freezing and exclusion as genetic mechanisms, p. 321.
- MANN, H. and FYFE, W. E.** Algal uptake of U and some other metals: implications for global geochemical cycling, p. 337.
- ANDREISSEN, P. A. M., COOLEN, J. J. M. M. and HEBEDA, E. H.** K-Ar hornblende dating of late Pan-African metamorphism in the Furua granulite complex of southern Tanzania, p. 351.
- MABOKO, M. A. H. and others.** Zircon U-Pb and biotite dating of the Wami river granulites, Eastern Granulites, Tanzania: evidence for approximately 715 Ma old granulite facies metamorphism and final Pan-African cooling approximately 475 Ma ago, p. 361.

Vol. 31, No. 3, April 1986

- SINHA-ROY, S. and SEN GUPTA, S.** Precambrian deformed granites of possible basement in the Himalaya, p. 209.
- REIMER, T. O.** Comments on the Eu and Th geochemistry of the Archaean continental crust of the Kaapvaal craton, South Africa, p. 275.

Vol. 31, No. 4, June 1986

- CLOUD, P.** Reflections on the beginnings of metazoan evolution, pp. 405-408.

Vol. 32, No. 1, July 1986

- GERMS, J. G. B., KNOLL, A. H. and VIDAL, G.** Latest Proterozoic microfossils from the Nama Group, Namibia (South West Africa), pp. 45-62.
- PLUMB, K. A. and JAMES, H. L.** Subdivision of Precambrian time: recommendations and suggestions by the Subcommission on Precambrian Stratigraphy, pp. 65-92.

PROC. INDIAN ACADEMY OF SCIENCES (Earth and Planetary Science)

Vol. 95, No. 2, July 1986

- JAIRETH, S. and SHARMA, M.** Physico-chemical conditions of ore deposition in Malanjkhand Copper sulphide deposit, pp. 209-222.
- SOMAN, K. and MACHADO, T.** Origin and depositional environment of the china clay deposits of south Kerala, pp. 283-295.

PROCEEDINGS OF THE INDIAN NATIONAL SCIENCE ACADEMY

Vol. 51, Part A, No. 6, November 1985

- DESSAI, A. G.** An appraisal of the Manganese Ore Deposits of Goa, India, pp. 1021-1032.
- NAVALE, V., SURESH, R. and PONNAMPERUMA, C.** Precambrian of India—Possible Source of Evidence for Early Life, pp. 1033-1053

Vol. 52, Part A, No. 2, March 1986

- SAHU, K. C.** Geochemical Modelling for Sea-Bed Mineral Formation—A proposal, pp. 558-564.
- KHANDAL, R. K., REDDY, B. M. K. and GANGOPADHYAY, P. K.** Thermal analysis studies on Karya Magnesite from Karnataka, pp. 565-572.

SCIENCE

Vol. 232, No. 4753 May 1986

- KERR, R. A.** The Continent plates are getting thicker, pp. 933-934.
- WILSON, T. R. S., THOMSON, J., HYDES, D. J., COLLEY, C., CULKIN, F. and SORENSEN, J.** Oxidation Fronts in Pelagic Sediments: Diagenetic Formation of Metal-Rich Layers. pp. 972-975.

Vol. 232, No. 4754, May 1986

- CAREY, W. D.** How in the World Are We? p. 1073.

Vol. 232, No. 4757, June 1986

- MARJORIE SUN.** Groundwater Ills: Many Diagnoses, Few Remedies, p. 1490

Vol. 232, No. 4760, July 1986

- ABELSON, P. H.** Gold. p. 141

- GOSTIN, V. A. and OTHERS.** Impact Ejecta Horizon Within Late Precambrian Shales, Adelaide Geosyncline, South Australia, pp. 198-200.

- WILLIAMS, G. E.** The Acraman Impact Structure: Source of Ejecta in Late Precambrian Shales, South Australia, pp. 200-203.

Vol. 232, No. 4761, July 1986

MOGI, K. Recent Earthquake Prediction Research in Japan, pp. 324-329.

Vol. 232, No. 4762, July 1986

HOWELL, D. G. and **MURRAY**, R. W. A budget for Continental Growth and Denudation, pp. 446-448.**COMPTE**, D. and OTHERS. The 1985 Central Chile Earthquake : A repeat of Great Earthquakes in the Region, pp. 449-452.**SCIENTIFIC AMERICAN**

Vol. 254, No. 3, March 1986

LESTER, R. K. Rethinking Nuclear Power, pp. 23-31.**SEDIMENTARY GEOLOGY**

Vol. 46, No. 3/4, February 1986

TURNER, B. R. Tectonic and climatic controls on continental depositional facies in the Karoo basin of northern Natal South Africa, pp. 231-257.**YANG BAO XING**. Diagenetic history and reservoir characteristics of a middle Carboniferous dolomite reservoir, eastern Sichuan China, pp. 276-291,**TECTONOPHYSICS**

Vol. 122, No. 1/2, February 1986

NEGI, J. G., **THAKUR**, N. K. and **AGRAWAL**, P. K. Crustal magnetisation-model of the Indian subcontinent through inversion of satellite data, pp. 123.**NEGI**, J. G. and **AGRAWAL**, P. K. Delineation of crustal layers by the spectral analysis of Bouguer gravity data : a case history for the Deccan Traps, India, pp. 135.

Vol. 122, No. 3/4, February 1986

BISWAS, S. and **DAS GUPTA**, A. Some observations on the mechanism of earthquakes in the Himalaya and the Burmese Arc, p. 325.**NEGI**, J. G., **THAKUR**, N. K. and **AGARWAL**, P. K. Prominent MAGSAT anomalies over India, p. 345.

Vol. 123, Nos. 1/4, March 1986

AUBOIN, J., **Le PICHON**, X. and **MONIN**, A. S. (Eds.) Evolution of the Tethys, Part 1 (Text), Part 2 (Plates).

Vol. 124, No. 1/2, April 1986

MART, Y. and **RABINOWITZ**, P. D. The northern Red Sea and the Dead Sea rift, p. 85.**CHANDER**, R., **SARKAR**, I., **KHATRI**, K. N. and **GAUR**, V. K. Upper crustal compressional wave velocity in the Garhwal Himalaya, p. 133.**RAO**, T. C. S. and **BHASKARA RAO**, V. Some structural features of the Bay of Bengal, p. 141.

Vol. 124, No. 3/4, April 1986

MAHADEVA RAO, N. and **KAILA** K. L. Model of earthquake energy periodicity in the Alpine-Himalayan seismotectonic belt, pp. 261-270.**MALINCONICO**, L. E. The structure of the Kohistan-Arc terrane in northern Pakistan as inferred from gravity data, pp. 297-308.

Vol. 125, Nos. 1/3, May 1986

SPECIAL ISSUE Geodynamics of the Eurasia-Philippine Sea Plate Boundary. **Angelier** J., **Blan-**
chet, R., **Ho**, S. C. and **Le Pichon**, X. (Eds.), pp. 1-287.

Vol. 126, Nos. 2/4, June 1986

BOZHKO, N. A. The evolution of the mobile zones of Gondwana and Laurasia in the Late Precambrian, pp. 125-136.**SUBRAHMANYAM**, C. and **VERMA**, R. K. Gravity field, structure and tectonics of the Eastern Ghats, pp. 195-212.**ZOBIN**, V. M. Variations in source parameters of small earthquakes before large earthquakes, pp. 229-244.

Vol. 128, No. 1/2, August 1986

BHATTACHARYA, A. R. Wavelength-amplitude characteristics of polyphase folds in the Precambrian Bundelkhand Complex, India, pp. 121-126.