

# THE PALAEOONTOLOGICAL SOCIETY OF INDIA

## Secretary's Annual Report for the year 2010-11

(Presented at the Annual General Meeting on 1<sup>st</sup> March, 2011)

Mr. President and esteemed Fellows of the Society

On behalf of the Palaeontological Society of India and on my own behalf, I extend a most hearty welcome to you all at the Annual General Meeting of the Society. I have great pleasure in presenting the Annual Report of the activities of your society for the year 2010-11.

### Annual General Meeting

The Annual General Meeting of the Society was held on 8<sup>th</sup> March 2010 at the CAS in Geology, University of Lucknow under the chairmanship of Prof. B.S. Tewari. 44 fellows attended the meeting. The Annual Report of the Society was presented by the Secretary, and the Audited Account for the year 2008-09 by the Treasurer, both were approved.

### Council Meetings

The council of the Palaeontological Society of India met 8 times during the preceding year for transacting the business of the Society.

### Lectures

1. **28<sup>th</sup> M.R. Sahni Memorial Lecture** was delivered on 8<sup>th</sup> March 2010 by Prof. Anil K. Gupta of I.I.T. Kharagpur (at present Director, Wadia Institute of Himalayan Geology, Dehradun) on "Evolution of the Indian Monsoon since Late Miocene Intensification – Marine & Land Proxy Records".
2. **12<sup>th</sup> S.N. Singh Memorial Lecture** was delivered on 10<sup>th</sup> February, 2011 by Dr. Rahul Garg, a retired scientist from B.S.I.P., on "Mass Extinction and Climatic Extremes during India's drift across Equator : Marine Phytoplanktons Response".
3. **Prof. Ashok Sahni**, present President, Palaeontological Society of India delivered a talk entitled "The Physics of Biomaterial" on 6<sup>th</sup> October, 2010.

### Election

Election was held in July 2010 to elect new office bearers of the - Society. The following were elected as new office bearers of the Society for the year 2010-2011.

President	:	Prof. Ashok Sahni	Lucknow
Vice-President	:	(1) Prof. S.P. Mohan	Chennai
		(2) Dr. V.P. Misra	Lucknow
Secretary	:	Prof. M.P. Singh	Lucknow
Joint Secretary	:	(1) Prof. R.P. Tiwari	Aizawl
		(2) Dr. Rahul Garg	Lucknow
Treasurer	:	Prof. S. Kumar	Lucknow

### EXECUTIVE COUNCIL MEMBERS

1. Prof. Anil K. Gupta	Dehradun
2. Prof. M.A. Malik	Jammu
3. Prof. Devesh Sinha	Delhi
4. Prof. R.S. Rana	Srinagar (Garhwal)
5. Dr. Mukund Sharma	Lucknow
6. Dr. B.N. Tiwari	Dehradun
7. Prof. K.K. Agarwal	Lucknow
8. Prof. A.K. Srivastava	Amravati
9. Dr. S.M. Hussain	Chennai

### Awards

1. **M.R. Sahni Memorial Gold Medal** instituted by the Society was awarded to Ms. Sairum Husaini for securing highest percentage of marks in Palaeontology at the 4<sup>th</sup> Semester M.Sc. examinations 2010 of University of Lucknow.
2. **Prof. S.N. Bhalla Commemorative Gold Medal** Dr. A. Govindan, Rtd. D.G.M., O.N.G.C., has been selected for this medal for his outstanding contributions in the field of Micropalaeontology.
3. **Sharda Chandra Memorial Gold Medal** Ms. Saswati Bandhyopadhyay has been selected for her paper entitled "Osteology of **Barapasaurus tagore** (Dinosauria: Sauropoda from early Jurassic of India" published in Paleontology, Vol. 53, Pt. 3, 2010.
4. **Mani Shanker Shukla Gold Medal** in Micropalaeontology: Mr. Sudhir Kumar Shukla, Dy. General Manager (Geology) O.N.G.C., Dehradun and Life Fellow of the Society, has donated Rs.51,000/= to the Society for instituting a Gold Medal in memory of his late father. The medal will be awarded to a young person, less than 40 years of age, who has outstanding publications in the field of micropalaeontology. It will be awarded in alternate years. Awards will be given in the even years. First award will be given in the year 2012.
5. Prof. Ashok Sahni, President, Palaeontological Society of India has been awarded the most prestigious National GeoScience Award for Excellence for 2009 by the Ministry of Mines, Government of India. It is a great privilege for the Society to have such an illustrious President. Heartiest Congratulations to Dr. Ashok Sahni. We are sure that many more such honours shall be bestowed on him in future.

### Brainstorming session

The Society organized a brainstorming session on the "**Fuel Challenges for the next decade**" on 30<sup>th</sup> November 2010 which was sponsored by the Power Grid Corporation of India Ltd., and co-sponsored by CAS in Geology, University of Lucknow. Prof. M.K. Mishra, Vice-Chancellor, University of Lucknow was the chief guest. The following

participants took part:

1. Mr. S.K. Chaturvedi CMD, Power Grid Corporation of India Ltd. Gurgaon.
2. Mr. S.K. Srivastava Director General, Directorate General of Hydrocarbon, Noida.
3. Mr. Dinesh Chandra Garg CMD, The Western Coal Fields, Nagpur
4. Dr. Anil Bhandari Group General Manager, Geology, ONGC, Dehradun.
5. Mr. P.B. Maithani Director, Atomic Minerals Directorate, Hyderabad.
6. Dr. V.P. Dimri Former Director, N.G.R.I., Hyderabad.
7. Mr. Yogendra Singh Dy. General Manager, Reliance Industries, Mumbai.
8. Dr. Ritesh Arya Geohydrogeologist, Leh, Jammu and Kashmir.

On this occasion, the Vice-Chancellor felicitated Prof. B.S. Tewari, former President of the Palaeontological Society of India by presenting flower bouquet and shawl. The session was a great success as it generated considerable enthusiasm among students. A large number of geoscientists of B.S.I.P., G.S.I. and University participated in the event. It was widely covered in Print & Electronic media.

### Current Membership

The current membership of the Society under different categories is given below:

Life Member	257 (including Two in current year)
Ordinary Member	20
Honorary Member	02
Total	279

### Publications

The publication of the Journal continues to be the major activity of the Society.

Besides publishing original research work in Palaeontology, the journal also serves needs of allied branches such as Biostratigraphy, Palaeobotany, Sedimentology, Hydrocarbon Exploration and Coal Geology by maintaining regularity and high quality printing. All papers in the journal are peer reviewed.

### Library

The Society maintains its library by addition of journals

and research publications received in exchange from sister organizations from abroad namely people's Republic of China, South Africa, Poland, Italy and the Netherlands.

### Finances

The society is trying hard to procure finances to meet the steadily growing expenditure. D.S.T. has sanctioned Rs.70,000/= for expenses on publication. The Power Grid Corporation has given Rs.1,00,000/= by way of advertisement, published in Journal. The Financial Assistance has been received from CSIR (Rs.1,50,000/=) and the Ministry of Earth Science, Govt. of India (Rs.2,50,000/=) for organizing the International Field Workshop on "Vindhyan Supergroup, Central India" in January 2010. This has helped us clear all pending bills related to Field Workshop. Power Grid Corporation of India extended a Financial help of Rs.5,00,000/= (Rupees Five Lacs only) towards organizing the brainstorming session on the Fuel Challenges for the next decade"

### In Memoriam

The society records with deep sorrow the sad passing away of Prof. D.A. Rasheed, a renowned micropalaeontologist and former Head, Department of Geology, Madras University, Chennai.

### Acknowledgements

The society expresses its deep sense of gratitude to the Power Grid Corporation of India for sponsoring the brainstorming session on "Fuel Challenges for the next decade" and granting Rs. Five Lac (Rs.5,00,000/=) for the same. I would also like to thank Ministry of Earth Science and CSIR for extending financial assistance for organizing International Field Workshop on Vindhyan. Department of Science and Technology has sanctioned Rs.70,000/= for publication, which is gratefully acknowledged. The society is grateful to Sri Sudhir Shukla for instituting a Gold Medal in memory of his late father, for which he has donated Rs.51,000/=.

We are deeply obliged to the Head, Centre of Advanced Study in Geology, University of Lucknow for extending all possible help and facilities. A large number of referees has assisted the editors in evaluation of scientific contributions received for publication and the Society acknowledges this help. Special thanks are due to Prof. A.K. Jauhri and Prof. Surendra Kumar, the Editors for maintaining high quality, regularity and punctuality of publication of the Journal. I am personally obliged to all the members of the Executive Council of the Society for their unreserved support, guidance and assistance in the smooth functioning of the Society.

1<sup>st</sup> March, 2011

M.P. Singh



Brain Storming Session on “FUEL CHALLENGES FOR THE NEXT DECADE”. 30<sup>th</sup> November. 2010

**Front Row**

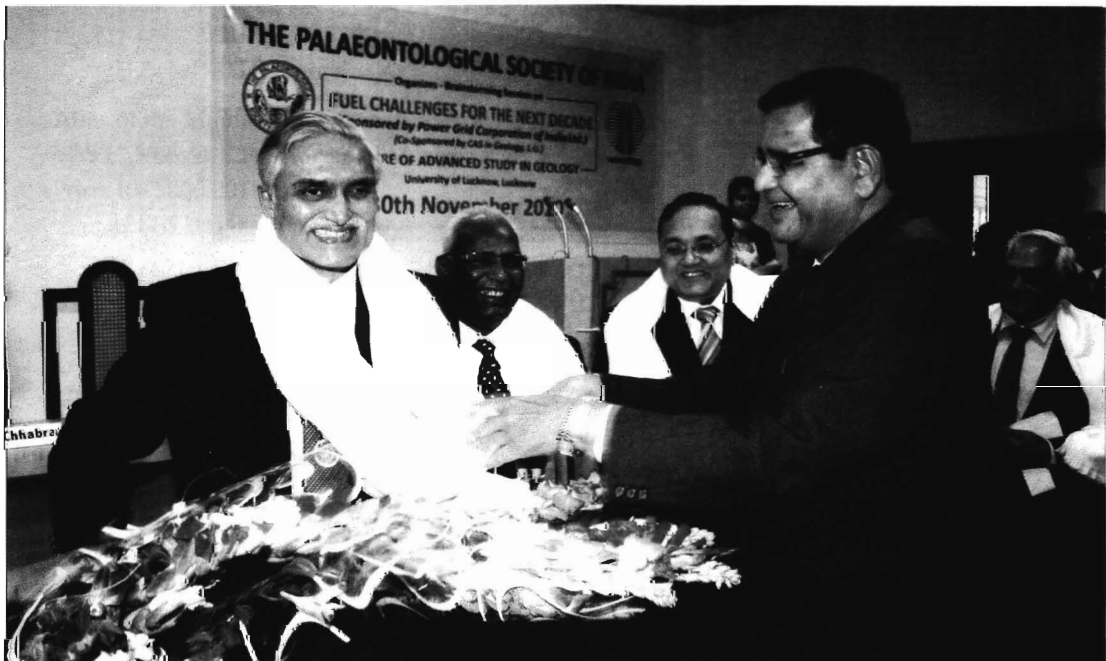
**From L to R**

Prof. U.N. Dwivedi, P.V.C., LU, Dr. Anil Bhandari, Group General Manager, Geology, ONGC, Dehradun, Padm Sri V.P. Dimri, Former Director, NGRI, Hyderabad, Prof. Manoj K. Mishra, Vice Chancellor, University of Lucknow, Mr. S.K. Srivastava, Director General, Directorate General of Hydrocarbon, Noida, Prof. N.L. Chhabra, Head, CAS in Geology, University of Lucknow, Mr. Jokhan Ram, Director, ONGC, Dehradun.

**2nd Row**

**From L to R**

Mr. P.B. Maithani, Director, Atomic Mineral Division, Hyderabad, Mr. S.K. Chaturvedi, CMD, Power Grid Corporation of India, Gurgaon, Dr. Ritesh Arya, Geothermal Energy, Leh, Prof. M.P. Singh, Secretary, Palaeontological Society of India PSI, Prof. B.S. Tewari, Patron, PSI, Prof. Ashok Sahni, FNA, President, PSI and Mr. Yogendra Nath Singh, Sr. Executive, Reliance Industries Ltd.



Prof. M.P. Singh, Secretary, Palaeontological Society of India presenting bouquet to the Chief Guest Prof. M.K. Mishra, Vice Chancellor, University of Lucknow.



# PALAEONTOLOGICAL SOCIETY OF INDIA PUBLICATIONS (PSIP)

## Monographs of the Palaeontological Society of India

- No.1 Supplement to a Monograph of the Terebratulidae of British Chalk  
by M. R. Sahni, 1958  
Price: Rs. 75.00 (Inland)  
U.S. \$ 10.00 (Foreign)
- No. 2 On *Indobrachyops panchetensis* Gen. Et Sp. Nov. from the Upper Panchets (Lower Trias)  
of the Raniganj Coalfield  
by Baron Friedrich von Huene and M. R. Sahni, 1958  
Price: Rs. 100 (Inland)  
U.S. \$ 10.00 (Foreign)
- No.3 Lower Tertiary Vertebrates from western India  
by Ashok Sahni and Vijay Prakash Mishra, 1975  
Price: Rs. 100.00 (Inland)  
U.S. \$ 10.00 (Foreign)

## Special Publication of the Palaeontological Society of India

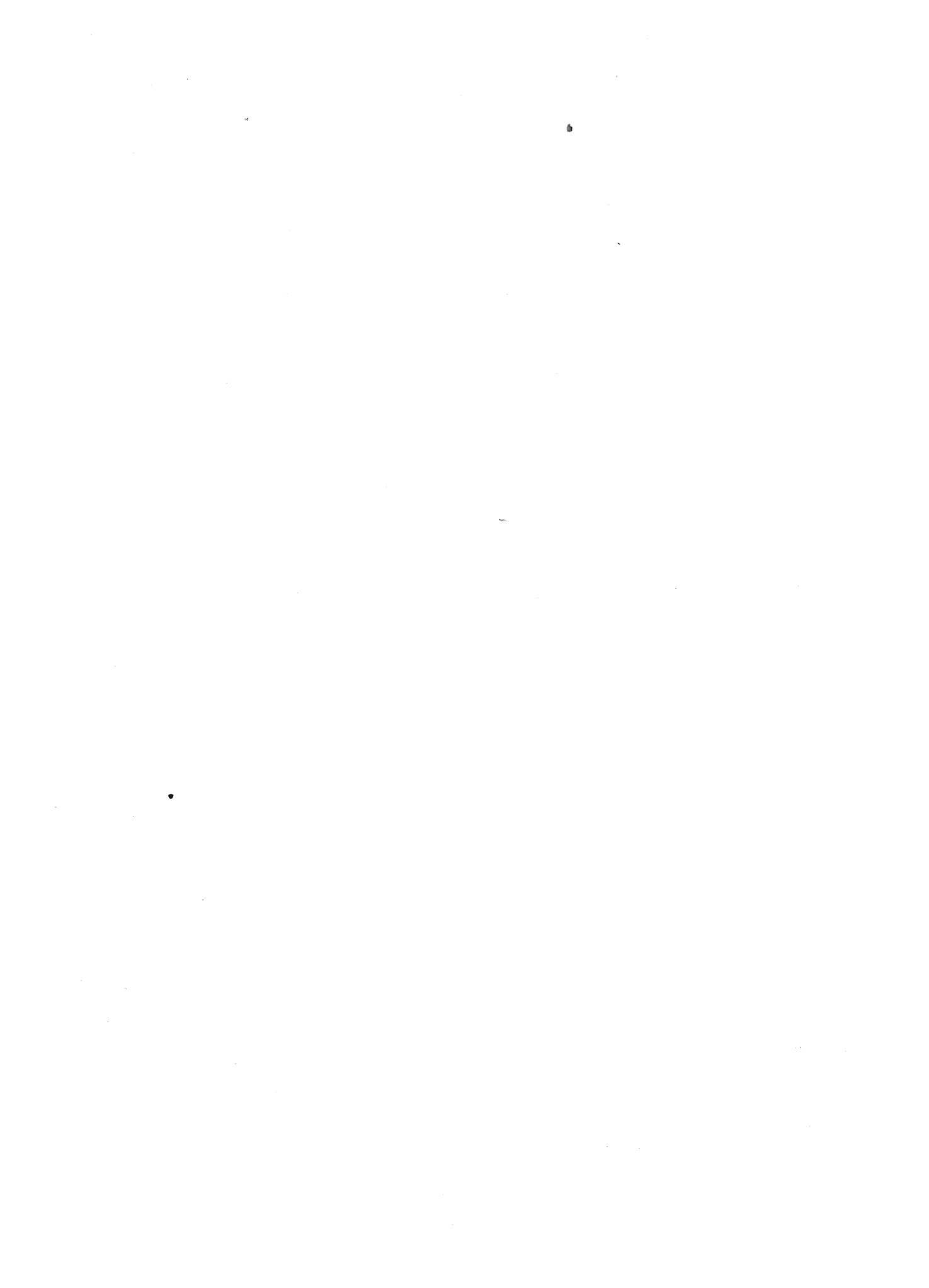
- No.1 Cenozoic Stratigraphy and Palynology in India  
Edited by S. K. Singh, 1982  
Price: Rs. 350.00 (Inland)  
U.S. \$ 45.00 (Foreign)
- Lameta and Bagh Beds, Central India  
Field Guide  
by S. Kumar, M. P. Singh and D. M. Mohabey, 1999  
Price: Rs. 150.00 (Inland)  
U.S. \$ 15.00 (Foreign)
- No.2 Himalayan Orogen-Foreland Interaction  
Edited by A. R. Bhattacharya and K. K. Agarwal, 2005  
Price: Rs. 750.00 (Inland)  
U.S. \$ 25.00 (Foreign)
- No.3 Atlas of the Middle Jurassic Ostracods from western India  
by S.C. Khosla, S.R. Jakhar and Manisha Kumari, 2009  
Price: Rs. 5000.00 (Inland)  
U.S. \$ 100.00 (Foreign)

*20% discount only for members of the Palaeontological Society of India*

Order information

*Please send your orders to :*

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Department of Geology, University of Lucknow  
Lucknow - 226 007, India  
Ph. No. 0522- 2740015  
E-mail: mpsingh45@hotmail.com



# INSTRUCTIONS TO AUTHORS

The Journal is devoted to the publication of original papers and review articles dealing with all aspects of Palaeontology, Palaeobotany, Stratigraphy, Geochronology and Pre-history.

Authors interested in submitting articles to the Journal of the Palaeontological Society of India should send their manuscripts, in duplicate, to the Editor. Format of the previously published papers of recent issues should be followed:

- 1. Manuscripts:** Manuscripts should be concise and neatly typed in English, on one side of the A4 paper, with double spacing between the lines and sufficient margin on the left hand, top and bottom sides of the paper. *The authors are requested to send their revised manuscripts on C.D., together with a hard copy.*
- 2. Title:** It should be informative, brief and typed in bold, upper case letters throughout, centred, with only the names of genera and species underlined or italicised.
- 3. Author's Name:** Should be in bold, upper case letters and followed by author's full address in upper case letters.
- 4. Abstract:** An abstract of not more than 250 words should be given at the beginning of the paper.
- 5. Text:** The text should be concise, subdivided by suitable headings which should be in bold and upper case letters and on the extreme left margin (not underlined); 2<sup>nd</sup> order headings should be in bold but lower case letters and 3<sup>rd</sup> order headings in lower case letters and italics followed by text on the same line.
- 6. Acknowledgements:** Acknowledgements should be given at the end of the main text.
- 7.** The names of the genera and species should be underlined or italicised everywhere in the text and in the legend to the figure. For taxonomic papers, the following format should be adopted:

## SYSTEMATIC PALAEOLOGY

Subclass **Ostracoda** Latreille, 1806

Order **Podocopida** Müller, 1894

Suborder **Podocopina** Sars, 1866

Superfamily **Cypridacea** Baird 1845

Family **Cyprididae** Baird, 1845

Subfamily **Cypridinae** Baird, 1845

Genus **Sclerocypris** Sars, 1924

*Sclerocypris dharwadensis* n. sp.

(Pl. I, figs. 2a-e; Pl. III, figs. 4a-b,5)

or

*Paijenborchella (Eopaijenborchella) angulosa* Siddiqui, 2006

(Pl. I, figs. 7-8)

**Synonymies - to be presented in the following abbreviated order:** *Globulina gibba* d'Orbigny, 1846, p. 227, pl. 13, figs. 13-14. - Bhatia and Mohan, 1959, p. 635, text-fig. 3, fig. 10. - Mohan and Bhatt, 1968, p. 171, pl. 13, fig. 36.

Where necessary, the following subheadings should be used in this order: *Material, Derivation of name, Holotype, Diagnosis, Description, Dimensions, Remarks, Type Locality, Type Horizon*. In the case of known species, the following subheadings would suffice: *Remarks, Dimensions, Locality and Horizon*.

- 8. References:** Reference to literature in the text should be indicated by the author's name followed by the year of publication, e.g., Wadia (1940) or (Wadia, 1940). This should be done every time the particular reference is repeated. The words *op. cit.* should not be used. In the case of joint authorship of more than two authors, the name of the first author should be mentioned, followed by the words *et al.* and year of publication (e.g. Srivastava *et al.*, 1951).

A complete list of the references mentioned in the text should be given at the end of paper under the heading References. The words *Idem* and *Ibid* should not be used. Full names for all journals should be cited. Authors will be responsible for the accuracy of their references.

### Examples:

**Wadia D. N. and Swinton, W. E.** 1928. *Actinodon risinensis* n. sp. in the Lower Gondwana of Vihi District, Kashmir. *Records of the Geological Survey of India*, 59(1) : 142-145.

**Wadia, D. N.** 1971. *Geology of India*. Macmillan & Co., London.

**Moore, R. C.** (Ed.). 1961. *Treatise on Invertebrate Paleontology*. Pt. Q, Arthropoda., 3 xxiii, 442 p., 334 figs. Geological Society of America and University of Kansas Press.

**Cox, L. R.** 1969. Family Terquemidae Cox, 1964, p. N 380-N 382. In : *Treatise on Invertebrate Paleontology* (Eds. Moore, R.C. *et al.*). Pt. N, 1 (of 3), Mollusca 6, Bivalvia, Geological Society of America and University of Kansas Press.

**Sanfillippo, A., Westberg, M. J. and Riedel, W. R.** 1986. Cenozoic Radiolaria, p. 631-713. In : *Plankton Stratigraphy* (Eds. Bolli, H.M., Saunders, J.B. and Perch-Nielson, K.), Cambridge University Press, Cambridge.

**Riedel, W. R. and Sanfillippo, A.** 1971. Cenozoic Radiolaria from the western tropical Pacific, Leg 7, p. 1529-1672. In : *Initial Report of Deep Sea Development Program 7*. U.S. Government Printing Office, Washington.

**Nanda, A. C.** 1973. Contributions to the Stratigraphy and Palaeontology of the Upper Siwaliks of a part of Naraingarh Tehsil, Ambala (India). *Unpublished Ph.D Thesis, Panjab University, Chandigarh.*

- 9. Illustrations:** The maximum area of the plate to be reproduced the same size is 18 x 23 cm. While preparing plates, authors should make use of the maximum space of this size. The desired reduction should be clearly stated and the magnifications mentioned in the legend must conform to this reduction. *Figures larger than for one-half or one-third reduction will not be accepted.* Photographs and line drawings should be separately mounted. *All photographs must be of very good quality, otherwise they will be rejected.* Photographs cut as rectangles should be glued on *white board*, or individual specimens cut round should be mounted on *glossy black background*. All the photographs should be numbered by the author using *arabic numerals*. *Five plates per article are acceptable for publication. If this number exceeds, the authors will have to bear the cost of publication of extra plates.* The colour plates and figures are printed in the journal, *but their cost will have to be borne by the authors.*
- 10.** The explanation of the plates and figures in the text should be typed and appended to the manuscript and not attached to individual plates. Figures should be numbered 1, 2, etc. without the prefix Fig. Figure magnification should be either indicated in this manner: x 450 at the end of the explanation of each figure or given on the photographs with appropriate scale bar.
- 11. Tables, Charts and Graphs:** *Unwieldy tables, charts and graphs cannot be composed within single page. Fold-outs are not accepted.* Tables must be neatly typed in double spacing throughout. Charts and figures must be drawn on white paper in black ink. *Ferro-prints will not be accepted.* Figures drawn in *coral draw* programme will be preferred.
- 12. Reprints:** Authors should indicate the number of reprints they wish to have on payment in response to the letter of acceptance of the paper. **Fifteen reprints** will be given free.



