

Publications received

Books received by the journal in 2001 but not reviewed are listed. The list is intended to serve as both a notice of the books and an acknowledgement of receipt. Some reviews may appear later.

Alfred Russel Wallace – A Life: Peter Raby. Princeton University Press, 41, Princeton Street, Princeton, New Jersey 08540, USA. 340 pages. Price not mentioned.

Annual Review of Astronomy & Astrophysics, Vol. 39: Geoffrey Burbidge, Allan Sandage and Frank H. Shu (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 668 pages. Price not mentioned.

Annual Review of Biomedical Engineering, Vol. 3: Martin L. Yarmush *et al.* Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 483 pages. Price not mentioned.

Annual Review of Biophysics and Biomolecular Structure, Vol. 30: Robert M. Stroud *et al.* (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 505 pages. Price not mentioned.

Annual Review of Genomics & Human Genetics, Vol. 2: Eric Lander, David Page and Richard Lifton (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 532 pages. Price not mentioned.

Annual Review of Immunology, Vol. 19: William E. Paul *et al.* (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 839 pages. Price not mentioned.

Annual Review of Medicine: Selected Topics in the Clinical Sciences, Vol. 52: C. Thomas Caskey, Christopher Austin, James Hoxie (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 574 pages. Price not mentioned.

Annual Review of Microbiology, Vol. 55: L. Nicholas Ornston, Albert Balows

and Susan Gottesman (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 817 pages. Price not mentioned.

Annual Review of Neuroscience, Vol. 24: W. Maxwell Cowan *et al.* (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 1349 pages. Price not mentioned.

Annual Review of Nutrition, Vol. 21: Donald B. McCormick *et al.* (eds). Annual Reviews, 4139 El-Camino Way, P. O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 529 pages. Price not mentioned.

Annual Review of Plant Physiology and Plant Molecular Biology: Russell L. Jones *et al.* (eds). Annual Reviews, 4139 El-Camino Way, P. O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 926 pages. Price not mentioned.

Annual Review of Physical Chemistry: Stephen R. Leone *et al.* (eds). Annual Reviews, 4139 El-Camino Way, P. O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 939 pages. Price not mentioned.

Annual Review of Physiology, Vol. 63: Joseph F. Hoffman and Paul De Weer (ed.). Annual Reviews, 4139 El-Camino Way, P. O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 945 pages. Price not mentioned.

Annual Review of Phytopathology, Vol. 39: Robert K. Webster, Gregory Shaner and Neal K. Van Alfen (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. 2001. 540 pages. Price not mentioned.

Annual Review of Public Health, Vol. 22: Jonathan E. Fielding *et al.* (eds). Annual Reviews, 4139 El-Camino Way, P.O. Box 10139, Palo Alto, California

94303-0139, USA. 2001. 422 pages. Price not mentioned.

A Basic Course in Crystallography: J. A. K. Tareen and T. R. N. Kutty. Universities Press India (Ltd), 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 205 pages. Rs 230.

Basics of Molecular Biology: R. N. Singh. C.B.S. Publishers, 4596/1A, 11 Darya Ganj, New Delhi 110 002.

The Big and the Small, Vol. 1: G. Venkataraman. Universities Press India (Ltd.), 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 276 pages. Rs 200.

Biophysical Processes in Living Systems: P. Pardha Saradhi. Oxford & IBH Publishing Co. Pvt. Ltd., 66, Janpath, New Delhi 110 001. 2001. 369 pages. Rs 850.

Biodiversity & Environment. Remote Sensing and Geographic Information Systems Perspectives: Proceedings of a IIRS and ITC Workshop, The Netherlands. Indian Institute of Remote Sensing, Department of Space, Government of India, 4, Kalidas Road, Dehra Dun 248 001. 2000. 219 pages. Price not mentioned.

Clinical Studies on Tuberculosis in India, AZREFI Special Publication No. 004; Efficacy Evaluation of Antibacterial Agents; Bacteriophage as Natural, Self Replicating and Self Limiting Antibiotics; Tuberculosis: Wg. Cdr. (Retd) Darshan Bhatt & V. Balasubramanian; Symposium Proc. on Advances in Pharmacology of Anti-infective Therapy, Elizabeth Cutter; Robert S. Wallis. AstraZeneca Research Foundation, P.O. Box 359, Malleswaram, Bangalore 560 003. 112 pages; 41 pages; 59 pages; 12 pages. Price not mentioned.

Comparative Cellular and Molecular Biology of Testis in Vertebrates. Special Indian Edition: Sardul S. Guraya. Oxford & IBH Publishing Co. Pvt. Ltd.,

66, Janpath, New Delhi 110 001. 2001. 91 pages. Price not mentioned.

Data Mining Techniques: Arun K. Pujari. Universities Press India (Ltd.), 3-5-819 Hyderguda Hyderabad 500 029. 2001. 288 pages. Rs 325.

The Digital Divide – Facing a Crisis or Creating a Myth?: Benjamin M. Compaine. The MIT Press, Cambridge, Massachusetts 02142, USA. 356 pages. Price not mentioned.

The Divine Expert System: P. A. Wahid. Centre for Studies on Science, Al-Homera, Muzzammil Manzil, Aligarh. 1998. 130 pages. Rs 100.

Ecology and Sustainable Development: P. S. Ramakrishna. National Book Trust, India, A-5 Green Park, New Delhi 110 016. 2001. 198 pages. Rs 70.

Einstein's Miraculous Year: John Stachel (ed). Srushti Publishers, Centre for Philosophy & Foundations of Science, S-527, Greater Kailash II, New Delhi 110 048. 2001. 198 pages. Rs 195.

Energy and the Challenge of Sustainability, World Energy Assessment: United Nations Development Programme, Bureau for Developmental Policy, One UN Plaza, New York 10017, USA. 2000. 508 pages. Price not mentioned.

Exploration and Research for Atomic Minerals. Special Issue on 'Beach and Inland Heavy Mineral Sand Deposits of India', Vol. 13: R. Dhana Raju, Mir Azam Ali and S. Krishnan. A Publication of the Atomic Minerals Directorate for Exploration and Research, Hyderabad. 2001. 159 pages. \$50/Institutional Libraries Individual Rs 1000/Research Schools/Students Rs 500.

Explorations in Mathematics: A. A. Hattangadi. Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 222 pages. Rs 195.

First Steps in Number Theory – A Primer on Divisibility: Shailesh Shirali. Universities Press India (Ltd.), 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 161 pages. Rs 215.

Fracture Mechanics: K. R. Y. Simha. Universities Press (India) Ltd., 3-5-819, Hyderguda, Hyderabad 500 029. 182 pages. Rs 225.

Forest Resources – Conservation and Management: H. D. Kumar. Affiliated East-West Press Pvt. Ltd., 105 Nirmal Tower, 26, Barakhamba Road, New Delhi 110 001. 2001. 228 pages. Rs 175.

Frontiers of Fundamental Physics, Vol. 2: B. G. Sidharth. Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 204 pages. Rs 460.

Fundamentals of Crystal Chemistry: T. R. N. Kutty and J. A. K. Tareen. Universities Press India (Ltd.), 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 84 pages. Rs 105.

Fun and Fundamentals of Mathematics: Jayant V. Narlikar and Mangala Narlikar. Universities Press India (Ltd.), 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 276 pages. Rs 200.

Fundamentals of Plant Bacteriology: Jayashree Jayaraman and Jeevan Prakash Verma. Kalyani Publishers, 4779/23 Ansari Road, Daryaganj, New Delhi 110 002. 2002. 129 pages. Rs 120.

Geology of Assam: A. B. Das Gupta and A. K. Biswas. Geological Society of India, P. B. 1922, Gavipuram P.O., Bangalore 560 019. 2000. 170 pages. Rs 250/\$ 25.

Geometric Algebra with Applications in Science and Engineering: Eduardo Bayro Corrochano and Garret Sobczyk (eds). Birkhauser Verlag AG, Viaduktstrasse 42, CH-4051 Basel, Switzerland. 2001. 592 pages. sFr148/DM196/oS 1431.

The Geometry of Multiple Images: Olivier Faugeras and Quang-Tu. Five Cambridge Center, Cambridge, MA 02142-1493, USA. 2001. 644 pages. \$65.

Geology of Tamil Nadu and Pondicherry: K. S. Subramanian and T. A. Selvan. Geological Society of India, P.B. 1922, Gavipuram P.O., Bangalore 560 019. 2001. 192 pages. Rs 250/\$ 25.

Ginzburg–Laudau Phase Transition Theory and Superconductivity. ISNM International Series of Numerical Mathematics, vol. 134: K-H Hoffmann and Q. Tang. Birkhauser Verlag, P.O. Box 133, CH-4010 Basel, Switzerland. 2001. 400 pages. sFr.158/DM 198.

Globalization and Environmental Reform: Arthur P. J. Mol. The MIT Press, Massachusetts Institute of Technology, Cambridge, Massachusetts 02142, USA. 273 pages. Price not mentioned.

Groundwater Resources, Evaluation and Management: Harsh Bhu and Vinod Agrawal (eds). Department of Geology, M.L. Sukhadia University, 51-Saraswati Marg, Udaipur 313 002. 2001. 250 pages. Rs 750/\$50.

Growing Populations, Changing Landscapes: A Tri-Academy Publication, Reports issued by INSA, Chinese Academy of Sciences and US National Academy of Sciences. National Academy Press 2101 Constitution Avenue, N.W., Washington D.C., USA. 2001. 299 pages. Price not mentioned.

Handbook of Placer Mineral Deposits: G. V. Rajamanickam (ed). New Academic Publishers, F-22B/3 Laxmi Nagar, Delhi 110 092. 2001. 327 pages. Rs 900.

The Health of Nations: Andrew T. Price-Smith. The MIT Press, Massachusetts Institute of Technology, Cambridge, Massachusetts 02142, USA. 2002. 220 pages. Price not mentioned.

Higher Education in Developing Countries – Peril and Promise: The Task Force on Higher Education and Society. The International Bank for Reconstruction and Development/The World Bank, 1818 H Street, N.W., Washington D.C. 20433, USA. 2000. 135 pages. Price not mentioned.

Himalaya: Emergence and Evolution: K. S. Valdiya. Universities Press India (Ltd.), 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 139 pages. Rs 280.

History of Pharmacy, Vol. 3 – Pharmacy Practice: Harkishan Singh. Vallabh Prakashan, SU-221 Pitampura, Delhi 110 088. 2002. 226 pages. Rs 450/\$45.

Human Brain – Essays on Awareness: T. Ramakrishna. Publication Division, University of Calicut, Calicut 673 635. 2001. 107 pages. Rs 100.

International Relations and Global Climate Change: Urs Luterbacher and Detlef F. Sprinz. The MIT Press, c/o TriLateral LLC, 100 Maple Ridge Drive, Cumberland, RI 02864-1769, USA. 343 pages. Price not mentioned.

Introduction to Cooling Theory, 3rd Edition: J. H. van Liut. Springer-Verlag GmbH and Co. KG, India Liaison Office, 906-907 Akash Deep Building, Bharakhamba Road, New Delhi 110 001. 2000. 227 pages. Rs 400.

An Introduction to the Mammalian Fauna of the Siwalik System: K. N. Prasad. Prasad Publications, 8, Venkataraman Street, Srinivasa Avenue, Raja Annamalaipuram, Chennai 600 028. 2001. 295 pages. Rs 300/\$30.

An Introduction to the Science of Cosmology: D. J. Raine and E. G. Thomas. Institute of Physics Publishing, Dirac House, Temple Rock, Bristol, BS1 6BE, UK. 2001. 220 pages. L 30/\$ 50.

An Introduction to Wavelets through Linear Algebra: Michael W. Frazier. Springer-Verlag GmbH and Co. KG, India Liaison Office, 906-907 Akash Deep Building, Bharakhamba Road, New Delhi 110 001. 2000. 501 pages. Rs 480.

Journal of Ecological Society, vols 13 & 14, 2000-2001. Biodiversity Profile of an Urban Area, Special Double issue: Prakash Gole (ed). Ecological Society, 1/B Abhimanshree Society, Pune 411 008. 80 pages. Price not mentioned.

Mathematical Analysis, Echoes from Resonance Series: Alladi Sitaram and Vishwambhar Pati (eds). Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 142 pages. Rs 185.

Mathematics of the 19th Century: A. N. Kolmogorov and A. P. Yushkevich (eds). Birkhauser Verlag, P.O. Box 133, CH-4010 Basel, Switzerland. 2001. 328 pages. SFr. 128/DM 170.

The Math of Money: Morton D. Davis. Springer-Verlag, GmbH & Co. KG, Tiergartenstraße 17, D-69121 Heidelberg, Germany. 2001. 199 pages. £ 20.50/FF 226/DM 59.81/sFr 52.97.

Matrix Analysis: Rajendra Bhatia. Springer-Verlag GmbH and Co. KG, India Liaison Office, 906-907 Akash Deep Building, Bharakhamba Road, New Delhi 110 001. 2000. 347 pages. Rs 420.

Mind, Matter and Mystery: Ranjit Nair. Centre for Philosophy and Foundations of Science, Darshan Sadan, E-36, Panchshila Park, New Delhi 110 017. 2001. 148 pages. Rs 195.

Mind in Everyday Life and Cognitive Sciences. Sunny Y. Auyang. The MIT Press, Massachusetts Institute of Technology, Cambridge, Massachusetts 02142, USA. 2000. 529 pages. Price not mentioned.

MR Imaging and Spectroscopy in Pharmaceutical and Clinical Research: N. R. Jagannathan. 2001. 171 pages. Price not mentioned.

Modern Europe: Secrets of Nature, Astrology and Alchemy in Early Modern Europe: William R. Newman and Anthony Grafton (eds). The MIT Press, c/o TriLateral LLC, 100 Maple Ridge Drive, Cumberland, RI 02864-1769, USA 443 pages. Price not mentioned.

Modern Immunosuppressives: H.-J. Schuurman, G. Feutren and J.-F. Bach (eds). Birkhauser Verlag AG, P.O. Box 133, CH 4010 Basel, Switzerland. 2001. 218 pages. sFr168/DM 220/oS 1606.

Mysterious Motions and Other Intriguing Phenomena in Physics: G. S. Ranganath. Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 149 pages. Rs 195.

Optical Solitons: Theory & Experiments: K. Porsezian and V. C. Kurikose (eds). Indian Academy of Sciences, P.O. Box 8005, C.V. Raman Avenue, Sadashivanagar, Bangalore 560 080. 1164 pages. Price not mentioned.

Origin of Elements in the Solar System: O. Manuel (ed). Kluwer Aca-

demic/Plenum Publishers, 233 Spring Street, 7th Floor, New York, NY 10013-1578, USA. 2000. 646 pages. Euro 184/\$160/£112.

People of India – Tamil Nadu, Vol. XL, Parts 1–3: K. S. Singh, R. Thirumalai and S. Manoharan. Affiliated East-West Press Pvt. Ltd., 62-A Ormes Road, Kilpauk, Chennai 600 010. 1997. 612 pages, 619 pages; 586 pages. Rs 1850.

A Primer on Number Sequences: Shailesh Shirali. Universities Press India (Ltd.), 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 240 pages. Rs 290.

Problems and Methods in Mathematical Physics – The Siegfried Prossdorf Memorial Volume, Operator Theory, Advances and Applications, vol. 121: J. Elschner *et al.* Birkhauser Verlag, P.O. Box 133, CH-4010 Basel, Switzerland. 2001. 400 pages. 536 pages. sFr. 198/DM 248.

Probability and Statistics, Echoes from Resonance Series: Mohan Delampady, T. Krishnan and S. Ramasubramanian (eds). Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 201 pages, Rs 190.

QED and The Men Who Made It: Dyson, Feynman, Schwinger and Tomonaga: Silvan S. Schweber. Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 729 pages. Rs 775.

Quantum Generations: Helge Kragh. Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 494 pages. \$29.95/Special Indian Price Rs 450.

Radio Frequencies, Principles and Applications: Albert A. Smith. Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 217 pages. \$89.95/Special Indian Price Rs 215.

Recombinant Protein Drugs: P. Buckel (ed). Birkhauser Verlag AG, P.O. Box 133, CH 4010 Basel, Switzerland. 2001. 207 pages. sFr158/DM 210/oS 1533.

Rice Genetics IV: G. S. Khush, D. S. Brar and B. Hardy (eds). Science Publishers, Inc., P.B. 699, Enfield, New Hampshire 03784. USA. 2001. 488 pages. Price not mentioned.

Rice Tungro Disease Epidemic – An Analysis: M. K. Satapathy and A. Anjaneyulu Discovery Publishing House, 4831/24 Ansari Road, Prahlaad Street, Daryaganj, New Delhi 110 002. 2001. 119 pages. Rs 225.

Sahyadri – The Great Escarpment of the Indian Subcontinent, Vols. 1 & 2, Memoir 47(1) and 47 (2): Y. Gunnell and B. P. Radhakrishna. Geological Society of India, P.B. 1922, Gavipuram P.O., Bangalore 560 019. 2001. 1054 pages. Rs 1500/\$ 150.

In the Shadow of the Bomb: Bethe, Oppenheimer and the Moral Responsibility of the Scientist: S. S. Schweber. Universities Press (India) Ltd., 3-5-819 Hyderguda, Hyderabad 500 029. 2001. 260 pages. Rs 285.

Sensory Biology of Jawed Fishes, New Insights: B. G. Kapoor and T. J. Hara (eds). Oxford & IBH Publishing Co. Pvt. Ltd., 66 Janpath, New Delhi 110 001. 2001. 387 pages. Price not mentioned.

Stability and Complexity in Model Ecosystems: Robert M. May. Princeton University Press, 41 William Street, Princeton, New Jersey 08540, USA. 2001. 265 pages. \$19.95/£ 12.95.

Stability in Model Populations: Laurence D. Mueller and Amitabh Joshi. Princeton University Press, Princeton, New Jersey 08540, USA. 319 pages. \$29.95.

Statistics in Genetics and in the Environmental Sciences: Luisa Turrin Fernholz, Stephen Morgenthaler and Werner Stahel (eds). Birkhauser Verlag AG, P.O. Box 133, CH 4010 Basel, Switzerland. 2001. 183 pages. sFr 98/DM 130/oS 949.

Statistics on Science & Technology in Europe, Data 1985–1999: Office for the Official Publications of the European Communities, L 2985, Luxembourg, Germany. 2001. 174 pages. Euro 35.

Superplastic Flow: Phenomenology and Mechanics: K. A. Padmanabhan, R. A. Vasin and F. U. Enikeev. Springer-Verlag, GmbH & Co. KG, Tiergartenstraße 17, D-69121 Heidelberg, Germany. 363 pages. sFr. 171/L68.50/\$99.

Sustainable Human Ecology: H. D. Kumar. Affiliated East-West Press Ltd., 105, Nirmal Tower 26, Barakhamba Road, New Delhi 110 001. 2001. 307 pages. Rs 195.

Sustainable Indian Fisheries: T. J. Pandian. National Academy of Agricultural Sciences, New Delhi. 327 pages. Price not mentioned.

Symmetry in Mechanics: Stephanie Frank Singer. Birkhauser Verlag, P.O. Box 133, CH-4010 Basel, Switzerland. 216 pages. sFr. 58/DM 76.

Tarantulas in the Vivarium: Peter Klaas. Krieger Publishing Company, P.O. Box 9542, Melbourne, FL 32902, USA. 2001. 152 pages. \$29.50.

Tectonomagmatism, Geochemistry and Metamorphism of Precambrian Terrains: K. C. Gyani and P. Kataria (eds). University Department of Geology, M. L. Sukhadia University, Udaipur 313 002. 2000. 438 pages. Price not mentioned.

Theoretical Neuroscience: Peter Dayan and L. F. Abbott. The MIT Press, c/o TriLateral LLC, 100 Maple Ridge Drive, Cumberland, RI 02864-1769, USA. 2001. 460 pages. \$50.

Timeless India, Resurgent India: Jitendra Bajaj and M. D. Srinivas. Dr J. K. Bajaj for Centre for Policy Studies Chennai, 27, Rajasekharan Street, Mylapore, Chennai 600 004. 2001. 94 pages. Price not mentioned.

Vertebrate Functional Morphology, Horizon of Research in the 21st Century: Hiran M. Dutta and J. S. Datta Munshi (eds). Oxford & IBH Publishing Co. Pvt. Ltd., 66 Janpath, New Delhi 110 001. 2001. 487 pages. Price not mentioned.

Water Quantity – Quality Perspective in South Asia: V. Subramanian. Kingston International Publishers, 430 Kingston Road, Kingston-upon-Thames, Surrey KT1 3PB, England. 2000. 256 pages. Rs 500/£ 10.00.