

Publications received – 2021

Books received by the journal in 2021 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.

A Handbook on Bryophytes with Special Reference to Type Specimens of Liverworts and Hornworts in Indian Herbaria. Shuvadeep Majumdar and Monalisa Dey. ENVIS Resource Partner on Biodiversity, Botanical Survey of India, Central National Herbarium, P.O. Botanic Garden, Howrah 711 103, West Bengal. 2020. vii + 247 pages. Price: Not mentioned.

A Taxonomic Revision of the Genus *Brachystelma* R. Br. in India. K. Prasad and P. Venu. Bishen Singh Mahendra Pal Singh, 23-A, New Connaught Place, Dehra Dun 248 001. 2020. viii + 116 pages. Price: Rs 1750.

Annual Review of Astronomy and Astrophysics, 2020. Ewine van Dishoeck and Robert C. Kennicutt (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 58. xii + 789 pages. Price: US\$ 118.

Annual Review of Biophysics, 2021. Ken A. Dill (ed.). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 50. x + 620 pages. Price: US\$ 118.

Annual Review of Immunology, 2021. Wayne M. Yokoyama, Kristin A. Hogquist and John J. O'Shea (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 39. xii + 843 pages. Price: US\$ 118.

Annual review of Medicine, 2021. Mary E. Klotman, Michael S. Parmacek and Howard A. Rockman (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 72. x + 510 pages. Price: US\$ 118.

Annual Review of Pharmacology and Toxicology, 2021. Paul A. Insel, Susan G. Amara, Terrence F. Blaschke and Urs A. Meyer (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 61. xv + 921 pages. Price: US\$ 118.

Annual Review of Physical Chemistry, 2021. Mark A. Johnson and Todd J. Martínez (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 72. x + 691 pages. Price: US\$ 118.

Annual Review of Phytopathology, 2021. Jan E. Leach and Steven E. Lindow (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 59. xii + 445 pages. Price: US\$ 118.

Annual Review of Plant Biology, 2021. Sabeeha S. Merchant, Wilhelm Gruijssem and Donald R. Ort (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 72. xii + 891 pages. Price: US\$ 118.

Annual Review of Public Health, 2021. Jonathan E. Fielding, Ross C. Brownson and Lawrence W. Green (eds). Annual Reviews, 4139 El Camino Way, P.O. Box 10139, Palo Alto, California 94303-0139, USA. Vol. 42. xv + 553 pages. Price: US\$ 118.

At the Edge of Time: Exploring the Mysteries of Our Universe's First Seconds. Dan Hooper. Princeton University Press, 41 William Street, Princeton, New Jersey 08540. 2019. ix + 233 pages. Price: US\$ 24.95.

Bedeveled: A Shadow History of Demons in Science. Jimena Canales. Princeton University Press, 41 William Street, Princeton, New Jersey 08540. 2020. x + 398 pages. Price: US\$ 29.95.

Climate Change Biology, Third Edition. Lee Hannah. Academic Press, an imprint of Elsevier, 125 London Wall, London EC2Y 5AS, United Kingdom. 2022. xiv + 508 pages. Price: US\$ 120.

Conservation Kaleidoscope: People, Protected Areas and Wildlife in Contemporary India. Pankaj Sekhsaria (ed.). Kalpavriksh, Duleep Matthai Nature Conservation Trust, and Authors Upfront. 2021. xviii + 412 pages. Price: Rs 650.

Contribution of Jesuits to Science in India. S. Ignacimuthu, S.J. Gujarat Sahitya Prakash, St Xavier's Road, P.B. No. 70, Anand 388 001, Gujarat. 2021. xx + 432 pages. Price: Rs 500.

COVID-19: Separating Fact from Fiction. Anirban Mahapatra. Viking, an imprint of Penguin Random House India, 7th Floor, Infinity Tower C, DLF Cyber City, Gurgaon 122 002, Haryana. 2021. xii + 250 pages. Price: Rs 599.

The Design & Development of Novel Drugs and Vaccines: Principles and Protocols. Tarun Kumar Bhatt and Surendra Nimesh (eds). Academic Press, an imprint of Elsevier, 125 London Wall, London EC2Y 5AS, United Kingdom. 2021. xviii + 89 pages. Price: US\$ 150.

Einstein was Right: The Science and History of Gravitational Waves. Jed Z. Buchwald (ed.). Princeton University Press, 41 William Street, Princeton, New Jersey 08540. 2020. xi + 235 pages. Price: US\$ 35.00/£ 28.00.

Elephants under Human Care: The Behaviour, Ecology, and Welfare of Elephants in Captivity. Paul A. Rees. Academic Press, an imprint of Elsevier, 125 London Wall, London EC2Y 5AS, United Kingdom. 2021. xix + 389 pages. Price: US\$ 120.

Encyclopedia of Food Chemistry, Vols 1 to 3. Peter Varelis, Laurence Melton and Fereidoon Shahidi (Editors-in-Chief). Elsevier, Radarweg 29, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. 2019. 2194 pages. Price: US\$ 1600.

Encyclopedia of Nuclear Energy, Vols 1 to 4. Ehud Greenspan (Editor-in-Chief). Elsevier, Radarweg 29, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. 2021. 3656 pages. Price: US\$ 2800.

Entrepreneurial Ecosystems for Tech Start-ups in India: Evolution, Structure and Role. M. H. Bala Subrahmanya. De Gruyter, Berlin/Boston. 2021. xv + 164 pages. Price: € 86,95.

Exergy: Energy, Environment and Sustainable Development, Third Edition. Ibrahim Dincer and Marc A. Rosen. Elsevier, Radarweg 29, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. 2021. xx + 703 pages. Price: US\$ 165.

Experiments in Animal Behaviour: Cutting-edge Research at Trifling Cost. Raghavendra Gadagkar. Indian Academy of Sciences, C.V. Raman Avenue, Sadashivanagar, Bengaluru 560 080. 2021. xi + 328 pages. Price: Not mentioned.

Exposure and Risk Assessment of Pesticide Use in Agriculture: Approaches, Tools and Advances. Claudio Colosio, Aristidis Tsatsakis, Stefan Mandić-Rajčević and Athanasios Alegakis. Academic Press, an imprint of Elsevier, 125 London Wall, London EC2Y 5AS, United Kingdom. 2021. xiv + 395 pages. Price: US\$ 200.

Gaṇitagannaḍi: Mirror of Mathematics – An Astronomy Text of 1604 CE in Kannada by Śankaranārāyana Joisaru of Śrngeri. Translation with mathematical analysis by B. S. Shylaja and Seetharama Javagal. Navakarnataka Publications Private Limited, Embassy Centre, Crescent Road, Bengaluru 560 001. 2021. iv + 220 pages. Price: Rs 299.

Global Environmental Sustainability: Case Studies and Analysis of the United Nations' Journey toward Sustainable Development. Choy Yee Keong. Elsevier, Radarweg 29, P.O. Box 211, 1000 AE Amsterdam, The Netherlands. 2021. xxviii + 435 pages. Price: US\$ 140.

Handbook of Energy Economics and Policy: Fundamentals and Applications for Engineers and Energy Planners. Alessandro Rubino, Alessandro Sapio and Massimo La Scala (eds). Academic Press, an imprint of Elsevier, 125 London Wall, London EC2Y 5AS, United Kingdom. 2021. xviii + 674 pages. Price: US\$ 200.

Host Immunity and Vaccines: COVID-19 – A White Paper. Narinder K. Mehra,

Sanjay M. Mehendale, Gaurav Sharma, Narendra K. Arora and Anant Bhan. Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002. 2021. xx + 136 pages. Price: Not mentioned.

The Large-Scale Structure of the Universe. P. J. E. Peebles. Princeton University Press, 41 William Street, Princeton, New Jersey 08540. First Edition, 1980; New Paperback Edition, 2020. xv + 422 pages. Price: US\$ 60.00/£ 48.00.

Leaf-based Identification for Trees of Sahyadri: 435 Species of Forest, Mangrove and Urban Trees of North Western Ghats of India. Shrikant Ingalthalikar. Corolla Publications, 12, Varshanand Society, Anandnagar, Sinhagad Road, Pune 411 051. 2021. 400 pages. Price: Rs 1500.

Making Excellence a Habit: The Secret to Building a World-Class Healthcare System in India. V. Mohan. Penguin Random House India Pvt. Ltd, 7th Floor, Infinity Tower C, DLF Cyber City, Gurgaon 122 002, Haryana. 2021. xi + 194 pages. Price: Rs 699.

Nuclear Decommissioning Case Studies, Volume 1: Accidental Impacts on Workers, the Environment and the Public. Michele Laraia. Academic Press, an imprint of Elsevier, 125 London Wall, London EC2Y 5AS, United Kingdom. 2021. xxxii + 464 pages. Price: US\$ 150.

Pediatric Reference Intervals, Eighth Edition. Edward C. C. Wong, Carlo Brugnara, Joely A. Straseski, Mark D. Kellogg and Khosrow Adeli. Academic Press, an imprint of Elsevier, 125 London Wall, London EC2Y 5AS, United Kingdom. 2021. xxvi + 316 pages. Price: US\$ 150.

Polio: The Eradication Imbroglia – The Malady & its Remedy. T. Jacob John and Dhanya Dharmapalan. Notion Press, Chennai. 2021. vi + 275 pages. Price: Rs 650.

Principles of Physical Cosmology. P. J. E. Peebles. Princeton University Press, 41

William Street, Princeton, New Jersey 08540. First Edition, 1993; New Paperback Edition, 2020. xxxii + 718 pages. Price: US\$ 80.00/£ 62.00.

Quantum Mechanics. P. J. E. Peebles. Princeton University Press, 41 William Street, Princeton, New Jersey 08540. First Paperback Edition, 2020; Copyright 1992. xiv + 419 pages. Price: US\$ 80.00/£ 62.00.

Rational Machines and Artificial Intelligence. Tshildzi Marwala. Academic Press, an imprint of Elsevier, 125, London Wall, London EC2Y, United Kingdom. 2021. xii + 257 pages. Price: US\$ 170.

Saraswati: The River Par Excellence. S. K. Acharyya, Kunal Ghosh and Amal Kar (eds). The Asiatic Society, 1 Park Street, Kolkata 700 016. 2020. xiv + 249 pages. Price: Rs 2500.

Space Life Matter: The Coming of Age of Indian Science. Hari Pulakkat. Hachette Book Publishing India Pvt. Ltd, 4th/5th Floors, Corporate Centre, Plot no. 94, Sector 44, Gurugram 122 003. 2021. xxii + 314 pages. Price: Rs 699.

Technology Business Incubators in India: Structure, Role and Performance. M. H. Bala Subrahmanya and H. S. Krishna. De Gruyter, Berlin/Boston. 2021. xiii + 154 pages. Price: € 86,95.

Till We Win: India's Fight against the COVID-19 Pandemic. Chandrakant Lahariya, Gagandeep Kang and Randeep Guleria. Penguin Random House India Pvt. Ltd, 7th Floor, Infinity Tower C, DLF Cyber City, Gurgaon 122 002, Haryana. 2020. xxx + 308 pages. Price: Rs 299.

Vignettes for Success in Academia: A Guide for Young Researchers. Biman Bagchi. A. K. Singhvi (Editor and Coordinator). Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110 002. xvi + 197 pages. Price: Not mentioned.