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## Frontiers of Biogeography

### Title

Noted with interest

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### Author

Eichhorn, Markus Peter

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Peer reviewed

## books noted with interest

**Species Diversity and Community Structure: Novel Patterns and Processes in Plants, Insects and Fungi**

Teiji Sota, Hideki Kagata, Yoshino Ando, Shunsuke Utsumi & Takashi Osono

2014, Springer, 61 pp.

£44.99 (Paperback), £35.99 (eBook)

ISBN: 9784431542605

<http://www.springer.com>

Apparently one of six books which will attempt to link diversity studies from molecular to macroecological, this is actually a set of three vignettes, each describing a particular research program. One considers metagenomic approaches to assessing fungal diversity, the second attempts to link plant–herbivore interactions to the underlying genetics of relevant plant traits, while the last investigates several hypotheses for drivers of speciation in insects. At only 60 pages it seems like an expensive way to obtain three review papers on marginally connected topics, most of which have been considered elsewhere, and is likely to be of only specialist interest.

**Habitability of Other Planets and Satellites**

Jean-Pierre de Vera & Joseph Seckback (editors)

2013, Springer, 419 pp.

£135 (Hardback), £108 (eBook)

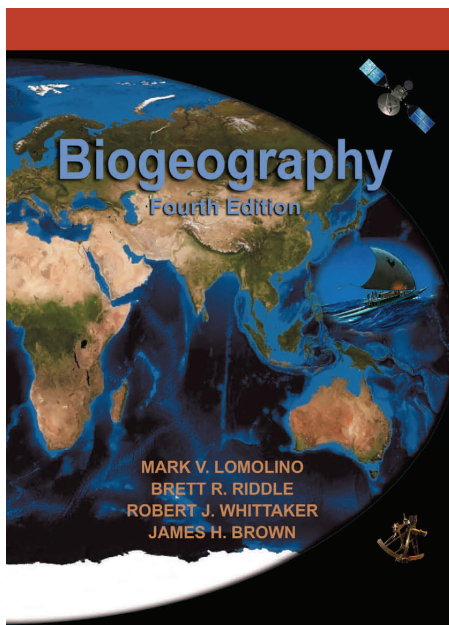
ISBN: 9789400765450

<http://www.springer.com>

Astrobiology has captured the public imagination in recent years, and if physicists, chemists and science fiction authors are going to speculate on the likelihood of life beyond Earth, surely biogeographers can contribute as well, at least to rein in the more implausible hypotheses and suggest what it might look like. With respect to “Part V: Alternatives to Earth-Like Life”, our guesses will be as good as any. Most chapters focus on the habitats that could contain life (assumed microbial) and the means by which we might one day detect it. It's still too early for a book on Space Biogeography.

Markus Eichhorn

University of Nottingham, UK



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“Lomolino et al.’s textbook provides the perfect structure, the right balance of topics, sufficient historical review, and an eloquent synthetic summary of recent advances in the field. It makes for a great teaching tool, and also a great reference for more advanced readers.” — Rafe M. Brown, *THE QUARTERLY REVIEW OF BIOLOGY*

**Biogeography, FOURTH EDITION**

Mark V. Lomolino, Brett R. Riddle,  
Robert J. Whittaker, AND James H. Brown

2010, 764 pages, 503 illustrations, ISBN 978-0-87893-494-2  
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