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The Land–Sea Connection: Insights into the Plant Lineage from a Green Algal Perspective—*Charles Bachy, Fabian Wittmers, Jan Muschiol, Maria Hamilton, Bernard Henrissat, Alexandra Z. Worden*

Into the Shadows and Back into Sunlight: Photosynthesis in Fluctuating Light—*Stephen P. Long, Samuel H. Taylor, Steven J. Burgess, Elizabete Carmo-Silva, Tracy Lawson, Amanda P. De Souza, Lauriebeth Leonelli, Yu Wang*

The Costs and Benefits of Plant–Arbuscular Mycorrhizal Fungal Interactions—*Alison E. Bennett and Karin Groten*

Climate Change Risks to Global Forest Health: Emergence of Unexpected Events of Elevated Tree Mortality Worldwide—*Henrik Hartmann, Ana Bastos, Adrian J. Das, Adriane Esquivel-Muelbert, William M. Hammond, Jordi Martínez-Vilalta, Nate G. McDowell, Jennifer S. Powers, Thomas A.M. Pugh, Katinka X. Ruthrof, Craig D. Allen*

VIGS Goes Viral: How VIGS Transforms Our Understanding of Plant Science—*Clemens Rössner, Dominik Lotz, Annette Becker*

BOOK NOTICE

RENATO GOLDENBERG, FABIÁN A. MICHELANGELI, AND FRANK ALMEDA, 2022. **Systematics, Evolution, and Ecology of Melastomataceae** (ISBN-13: 978-3-030-99741-0, hbk). Springer Nature Switzerland AG, Gewerbestrasse 11, 6330 Cham, Switzerland (**Orders:** link.springer.com), \$249.99 US, 793 pp., 9½" × 6½".

ABOUT THIS BOOK—*Systematics, Evolution, and Ecology of Melastomataceae*, presents a synthesis of critical new information for the Melastomataceae, one of the ten richest families among flowering plants with over 5,800 species that has its diversity highly concentrated in the tropics tropical or subtropical areas. It describes the family's global diversity and distribution and summarizes recent advances in systematics, evolution, biogeography, reproductive biology and ecology.