

BOTANICA MARINA

2013 · JUNE · VOLUME 56 · NUMBER 3 · PAGES 207-302

EDITOR-IN-CHIEF

Matthew J. Dring, Belfast/Portaferry, Northern Ireland (–2016)

ASSOCIATE EDITORS

Susana Enríquez, Puerto Morelos/Cancún, Mexico (–2014)

Kirsten Heimann, Townsville, Australia (–2016)

Ka-Lai Pang, Keelung, Taiwan (–2016)

Georg Pohnert, Jena, Germany (–2013)

Michel Poulin, Ottawa, Canada (–2014)

EDITORIAL BOARD

Charles D. Amsler, Birmingham, USA (–2016)

John Beardall, Clayton, Australia (–2014)

John A. Berges, Milwaukee, USA (–2014)

Jinx Campbell, Ocean Springs, USA (–2013)

Clinton Dawes, Tampa, USA (–2014)

Mona Hoppenrath, Wilhelmshaven, Germany (–2014)

Michael J. Wynne, Ann Arbor, USA (–2014)

DE GRUYTER

ABSTRACTED/INDEXED IN Academic OneFile (Gale/Cengage Learning), AGRICOLA, AGRIS, Algology, Mycology & Protozoology Abstracts (Microbiology C), ASFA 1: Biological Sciences & Living Resources, ASFA 3: Aquatic Pollution & Environmental Quality, ASFA Marine Biotechnology Abstracts, Biological Abstracts, BIOSIS Previews, CAB Abstracts, Cambridge Scientific Abstracts (CSA), Chemical Abstracts and the CAS databases, CSA Illustrata: Natural Sciences, Current Contents/Agriculture, Biology, and Environmental Sciences, Ecological Abstracts, Elsevier BIOBASE/Current Awareness in Biological Sciences (CABS), EMBiology, FLUIDEX, GEOBASE, Journal Citation Reports/Science Edition, NISC SA: Fish and Fisheries Worldwide/Water Resources Worldwide, Oceanic Abstracts, Science Citation Index, Science Citation Index Expanded (SciSearch), Scopus, TEMA Technik und Management, Water Resources Abstracts, Xolopo, Zoological Record

The publisher, together with the authors and editors, has taken great pains to ensure that all information presented in this work (programs, applications, amounts, dosages, etc.) reflects the standard of knowledge at the time of publication. Despite careful manuscript preparation and proof correction, errors can nevertheless occur. Authors, editors and publisher disclaim all responsibility for any errors or omissions or liability for the results obtained from use of the information, or parts thereof, contained in this work.

The citation of registered names, trade names, trademarks, etc. in this work does not imply, even in the absence of a specific statement, that such names are exempt from laws and regulations protecting trademarks etc. and therefore free for general use.

ISSN 0006-8055 · e-ISSN 1437-4323 · CODEN BOTNA7

All information regarding notes for contributors, subscriptions, Open access, back volumes and orders is available online at www.degruyter.com/bm.

RESPONSIBLE EDITOR Prof. Matthew J. Dring, Queen's University Marine Laboratory, Portaferry, Co. Down, BT22 1PF, Northern Ireland, UK, Tel: +44 2892-699526, Fax: +44 28427-28902, Email: m.dring@qub.ac.uk

JOURNAL MANAGER Dr. Gunda Stöber, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, Tel.: +49 (0)30 260 05–279, Fax: +49 (0)30 260 05–298, Email: bot.mar.editorial@degruyter.com

RESPONSIBLE FOR ADVERTISEMENTS Panagiota Herbrand, De Gruyter, Mies-van-der-Rohe-Straße 1, 80807 München, Germany, Tel.: +49 (0)89 769 02 – 394, Fax: +49 (0)89 769 02 – 350, Email: panagiota.herbrand@degruyter.com

© 2013 Walter de Gruyter GmbH, Berlin/Boston

TYPESETTING Compuscript Ltd., Shannon, Ireland

PRINTING Franz X. Stücker Druck und Verlag e.K., Ettenheim
Printed in Germany

COVER ILLUSTRATION Shallow-water kelp forest in Nova Scotia, Canada; photograph courtesy of Dr. Annelise S. Chapman.



Contents

Research articles

Tu Van Nguyen, Nhu Hau Le, Showe-Mei Lin, Frederique Steen and Olivier De Clerck

Checklist of the marine macroalgae of Vietnam — 207

Alba Vergés, Natàlia Comalada, Noemí Sánchez and Juliet Brodie

A reassessment of the foliose Bangiales (Rhodophyta) in the Balearic Islands including the proposed synonymy of *Pyropia olivii* with *Pyropia koreana* — 229

Suzana Ursi, Viviane L. Costa, Leila Hayashi, Ricardo T.L. Pereira, Edison J. Paula and Estela M. Plastino

Intraspecific variation in *Gracilaria birdiae* (Gracilariales, Rhodophyta): growth, and agar yield and quality of color strains under aquaculture — 241

Rui Yang, Wei Liu, Xiao-Long Zhang, Mei-Li Shen, Xue Sun and Hai-Min Chen

Sequences of *Mn-SOD* gene from *Pyropia haitanensis* (Bangiales, Rhodophyta) and its expression under heat shock — 249

Jacqueline F. Howarth and Michael J. Durako

Variation in pigment content of *Thalassia testudinum* seedlings in response to changes in salinity and light — 261

Héctor Echavarría-Heras, Elena Solana-Arellano, Cecilia Leal-Ramírez and Ernesto Franco Vizcaino

An allometric method for measuring leaf growth in eelgrass, *Zostera marina*, using leaf length data — 275

Andrew J. Flewelling, John A. Johnson and Christopher A. Gray

Isolation and bioassay screening of fungal endophytes from North Atlantic marine macroalgae — 287

Short communication

Ergün Taşkın

New records of three dictyotalean brown algae for Turkey — 299