In this issue

Annelise S. Chapman, Pierrick Stévant and Wenche Emblem Larssen

Food or fad? Challenges and opportunities for including seaweeds in a Nordic diet

DOI 10.1515/bot-2015-0044
Botanica Marina 2015; 58(6): 423–433

Research article: The kelps *Laminaria digitata*, *Saccharina latissima* and *Alaria esculenta* proved equally suitable as ingredients in a variety of Nordic food dishes as the red seaweed *Palmaria palmata*; the latter having the most distinct sensory profile of the four species.

Keywords: consumer perception; flavour descriptors; Nordic cuisine; sensory analyses.

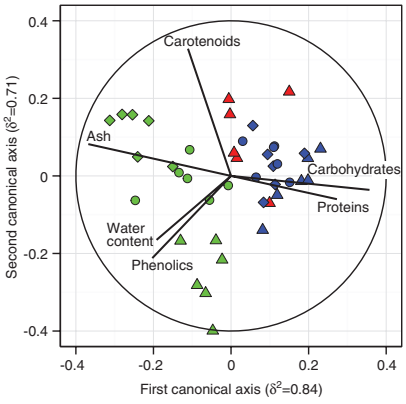
Jenny Veide Vilg, Göran M. Nylund, Tony Werner, Linnea Qvirist, Joshua J. Mayers, Henrik Pavia, Ingrid Undeland and Eva Albers

Seasonal and spatial variation in biochemical composition of *Saccharina latissima* during a potential harvesting season for Western Sweden

DOI 10.1515/bot-2015-0034
Botanica Marina 2015; 58(6): 435–447

Research article: The chemical composition of *Saccharina latissima* from Western Sweden was distinctly different between June, August and October, with levels of several components varying but levels of total protein and fatty acids rather constant; little spatial variation was found.

Keywords: biomass composition; *Saccharina*; seasonal variation; seaweed.



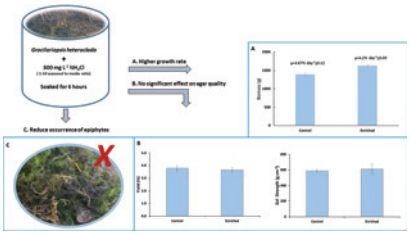
Sheryll S. Santander-Avanceña, Maria Rovilla J. Luhan and Jeralyn Felera-Panizales

Improved growth performance of *Gracilariopsis heteroclada* via short-term nitrogen enrichment

DOI 10.1515/bot-2015-0029
Botanica Marina 2015; 58(6): 457–463

Research article: Enrichment with 300 mg l^{-1} NH_4Cl for 6 h increased *Gracilariopsis heteroclada* growth and reduced epiphyte occurrence without significantly affecting agar quality.

Keywords: epiphyte; *Gracilariopsis heteroclada*; growth; nitrogen enrichment; total thallus nitrogen.



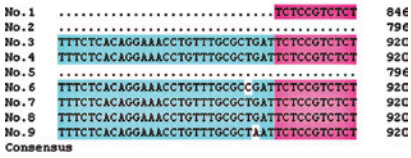
Yuan He, Jiajie Xu, Xingchen Li, Songdong Shen, Jianyi Zhu, Zonggen Shen, Bo Jiang and Qinqin Lu

Ribosomal intergenic spacer (IGS) sequence can distinguish varieties of *Pyropia yezoensis* cultivated in China

DOI 10.1515/bot-2015-0032
Botanica Marina 2015; 58(6): 465–473

Research article: Ribosomal intergenic spacers (IGS) variation were compared for nine varieties of *Pyropia yezoensis* cultivated in China. Both partial IGS sequences and phylogenetic analysis indicate high levels of genetic variation, so that IGS sequences may be used to identify intraspecific variation.

Keywords: cultivars; cultivated varieties; genetic marker; IGS; *Pyropia yezoensis*; sequence analysis.



Ga Hun Boo, Yixiong Cai, Jung Yeon Kim and Sung Min Boo

Phylogeny and morphology of *Parviphycus myriocladus* (Børgesen) comb. nov. (Gelidiales, Rhodophyta) from Asian waters

DOI 10.1515/bot-2015-0066
Botanica Marina 2015; 58(6): 475–483

Research article: We propose transferring the poorly known gelidioid species *Gelidiella myrioclada* to the genus *Parviphycus* on the basis of morphological and molecular data from the type specimen and fresh collections from Singapore.

Keywords: *cox*1; *Gelidiella myrioclada*; *Parviphycus*; *rbc*L; Singapore.

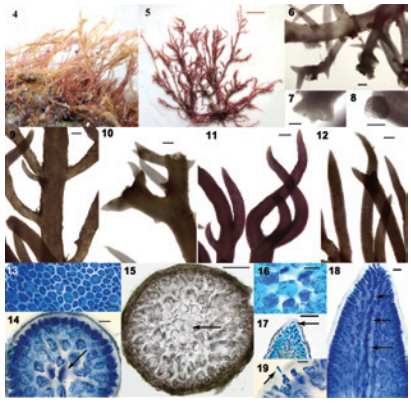
Roberta D'Archino, Wendy Nelson, Mi Yeon Yang and Myung Sook Kim

New record of *Hypnea flexicaulis* in New Zealand and description of *Calliblepharis psammophilus* sp. nov.

DOI 10.1515/bot-2015-0053
Botanica Marina 2015; 58(6): 485–497

Research article: Opportunistic collections revealed two new taxa of Cystocloniaceae in New Zealand: the first record of *Hypnea flexicaulis* from Northland and a novel, terete species of *Calliblepharis*, *C. psammophilus* only known from a single location in the North Island.

Keywords: Cystocloniaceae; introduced species; *rbc*L; Rhodophyta; SSU; taxonomy.



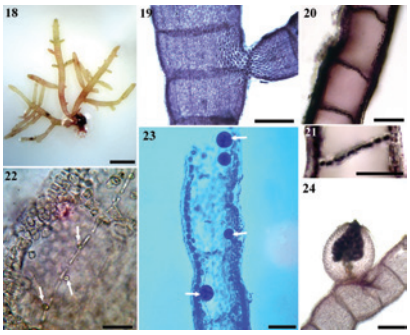
Hanaa Moussa, Michael J. Wynne, Mustapha Hassoun, Ghizlane Salhi, Hanaa Zbakh, Mohamed Kazzaz and Hassane Riadi

On the occurrence of three red algal species new to the Mediterranean Sea in Al-Hoceima National Park (Morocco)

DOI 10.1515/bot-2015-0048
Botanica Marina 2015; 58(6): 499–509

Research article: Three species of red algae (*Polysiphonia havanensis sensu* Børgesen, *Diplothamnion jolyi*, and *Champia compressa*) were collected from Al-Hoceima National Park in Morocco; these reports represent the first records of their occurrence in the Mediterranean Sea.

Keywords: *Champia compressa*; *Diplothamnion jolyi*; Mediterranean Sea; Morocco; *Polysiphonia havanensis sensu* Børgesen.



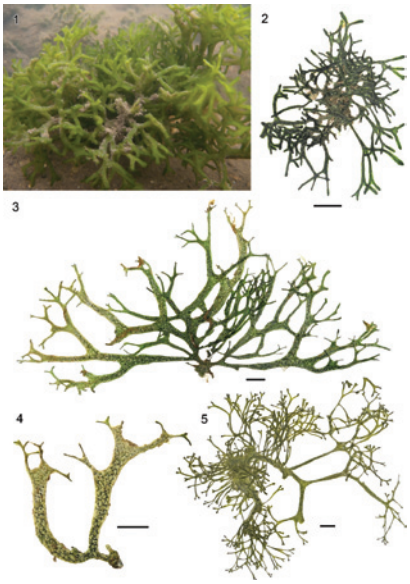
John M. Huisman, Rainbo R.M. Dixon, Felicity N. Hart, Heroen Verbruggen and Robert J. Anderson

The South African estuarine specialist *Codium tenue* (Bryopsidales, Chlorophyta) discovered in a south-western Australian estuary

DOI 10.1515/bot-2015-0058
Botanica Marina 2015; 58(6): 511–521

Research article: The estuarine specialist *Codium tenue*, previously known reliably only from South Africa, is newly recorded from a south-western Australian estuary based on morphological and molecular observations.

Keywords: Australia; Codiaceae; *Codium tenue;* disjunct distribution; South Africa.



Hans-Otto Baral and Teppo Rämä

Morphological update on *Calycina marina* (Pezizellaceae, Helotiales, Leotiomycetes), a new combination for *Laetinaevia marina*

DOI 10.1515/bot-2015-0049
Botanica Marina 2015; 58(6): 523–534

Research article: Based on morphological characters, and ribosomal RNA and protein coding gene sequences, we show that *Laetinaevia marina* is distinct from the genera and families it was previously placed in, and propose the new combination *Calycina marina*.

Keywords: algicolous fungi; discomycetous fungi; marine fungi; morphology; phylogeny.