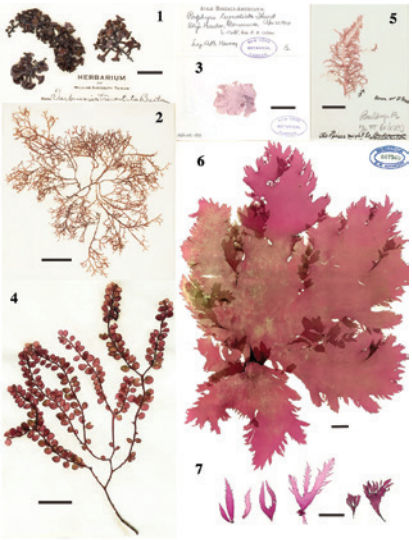
In this issue

Craig W. Schneider and Christopher T. Flook
Could marine animal conservation laws be responsible for the decline or extirpation of macroalgal populations in Bermuda over the past century?

https://doi.org/10.1515/bot-2017-0057
Botanica Marina 2017; 60(6): 591–602

Research article: Using archival herbarium specimens and our recent collections, we suggest that Bermuda marine animal protection laws over the past 35 years may have caused greatly diminished populations or extirpation of several seaweed species in the islands.

Keywords: Bermuda; extirpation; macroalgae; parrotfish; West Indian top shell introduction.

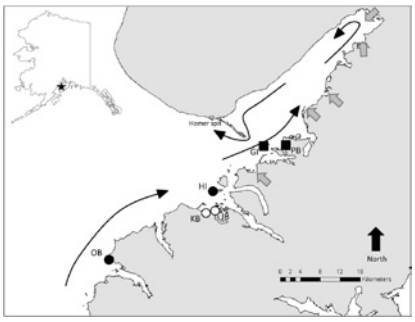


Sarah B. Traiger and Brenda Konar
Supply and survival: glacial melt imposes limitations at the kelp microscopic life stage

https://doi.org/10.1515/bot-2017-0039
Botanica Marina 2017; 60(6): 603–617

Research article: Sporophyte summer fecundity of two kelps did not significantly differ between sites upstream (black circles) and downstream (black squares) of points of glacial discharge (gray arrows), but survival and competitive outcomes at the early gametophyte stage were affected by sedimentation.

Keywords: competition; glacial melt; kelp; sediment.



Gloria M. Parada, Enrique A. Martínez, Moisés A. Aguilera, Mauricio H. Oróstica and Bernardo R. Broitman
Interactions between kelp spores and encrusting and articulated corallines: recruitment challenges for *Lessonia spicata*

https://doi.org/10.1515/bot-2017-0010
Botanica Marina 2017; 60(6): 619–625

Short communication: Our laboratory and field experiments, and observations, show that *Lessonia spicata* spore settlement in central Chile is facilitated by the presence of articulated corallines (e.g. *Corallina officinalis* var. *chilensis*) while it is inhibited by crustose corallines.

Keywords: facilitation; intertidal kelps; seaweed interactions; spore settlement.

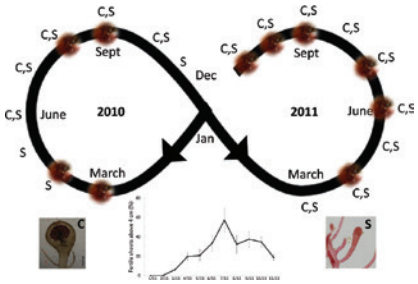
Marianela Zanolla, Raquel Carmona and María Altamirano

Reproductive ecology of an invasive lineage 2 population of *Asparagopsis taxiformis* (Bonnemaisoniales, Rhodophyta) in the Alboran Sea (western Mediterranean Sea)

https://doi.org/10.1515/bot-2017-0056
Botanica Marina 2017; 60(6): 627–638

Research article: The reproductive phenology of an invasive lineage 2 population of the red alga *Asparagopsis taxiformis* located in southern Spain as well as a quantitative study of its gametophyte reproductive structure are presented.

Keywords: field study; gametophytes; invasive species; phenology; reproductive allocation.



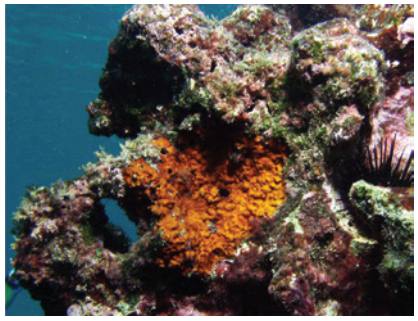
David L. Ballantine, Hector Ruíz, Chad Lozada-Troche and James N. Norris

The genus *Ethelia* (Etheliaceae, Rhodophyta) in the Bahamas and Puerto Rico in the western Atlantic

https://doi.org/10.1515/bot-2017-0034
Botanica Marina 2017; 60(6): 639–652

Research article: Two new species of *Ethelia* from Puerto Rico, *Ethelia magnieni* and *Ethelia crassa*, and a third species from the Bahamas, *Ethelia excrescens*, are newly described.

Keywords: Bahamas; deep-water algae; *Ethelia*; Puerto Rico; Rhodophyta; western Atlantic.



Susan Badylak, Edward J. Phlips, Ashley Loren Mathews and Karen Kelley

***In situ* observations of *Akashiwo sanguinea* (Dinophyceae) displaying life cycle stages during blooms in a subtropical estuary**

https://doi.org/10.1515/bot-2017-0032
Botanica Marina 2017; 60(6): 653–664

Research article: Multiple life-history stages captured during bloom events of the dinoflagellate *Akashiwo sanguinea*, including planozygotes, small cells, fertilization tubes and asexual dividing pairs.

Keywords: dinoflagellates; fertilization tube; HAB; planozygote; salinity; seed bed; sexual reproduction; small cells.