AQUATIC BOTANY
An International Scientific Journal dealing with Applied and Fundamental Research on Macroscopic Submerged, Floating and Emergent Plants in Marine and Freshwater Ecosystems

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DESCRIPTION

Aquatic Botany offers a platform for papers relevant to a broad international readership on fundamental and applied aspects of marine and freshwater macroscopic plants in a context of ecology or environmental biology. This includes molecular, biochemical and physiological aspects of macroscopic aquatic plants as well as the classification, structure, function, dynamics and ecological interactions in plant-dominated aquatic communities and ecosystems. It is an outlet for papers dealing with research on the consequences of disturbance and stressors (e.g. environmental fluctuations and climate change, pollution, grazing and pathogens), use and management of aquatic plants (plant production and decomposition, commercial harvest, plant control) and the conservation of aquatic plant communities (breeding, transplantation and restoration). Specialized publications on certain rare taxa or papers on aquatic macroscopic plants from under-represented regions in the world can also find their place, subject to editor evaluation. Studies on fungi or microalgae will remain outside the scope of Aquatic Botany.

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Elisabeth M. Gross, Thomas Wernberg, Jorge Terrados http://dx.doi.org/10.1016/S0304-3770(16)30052-3

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AUDIENCE

Aquatic Botanists, Marine and Freshwater Ecologists.
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INTRODUCTION
Aquatic Botany is concerned with fundamental studies on structure, function, dynamics and classification of plant-dominated aquatic communities and ecosystems, as well as molecular, biochemical and physiological aspects of aquatic plants. It is also an outlet for papers dealing with applied research on plant-dominated aquatic systems, including the consequences of disturbance (e.g. transplantation, influence of herbicides and other chemicals, thermal pollution, biological control, grazing and disease), the use of aquatic plants, conservation of resources, and all aspects of aquatic plant production and decomposition.

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