DESCRIPTION

Biochemical Systematics and Ecology is devoted to the publication of original papers and reviews, both submitted and invited, in two subject areas: I) the application of biochemistry to problems relating to systematic biology of organisms (biochemical systematics); II) the role of biochemistry in interactions between organisms or between an organism and its environment (biochemical ecology).

In the Biochemical Systematics subject area, comparative studies of the distribution of (secondary) metabolites within a wider taxon (e.g. genus or family) are welcome. Comparative studies, encompassing multiple accessions of each of the taxa within their distribution are particularly encouraged. Welcome are also studies combining classical chosystematic studies (such as comparative HPLC-MS or GC-MS investigations) with (macro-) molecular phylogenetic studies. Studies that involve the comparative use of compounds to help differentiate among species such as adulterants or substitutes that illustrate the applied use of chosystematics are welcome. In contrast, studies solely employing macromolecular phylogenetic techniques (gene sequences, RAPD studies etc.) will be considered out of scope. Discouraged are manuscripts that report known or new compounds from a single source taxon without addressing a systematic hypothesis. Also considered out of scope are studies using outdated and hard to reproduce macromolecular techniques such as RAPDs in combination with standard chosystematic techniques such as GC-FID and GC-MS.

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AUDIENCE

Chemical Ecologists, Marine Biologists, Microbiologists, Natural Product Chemists, Plant Biologists, Taxonomists, Zoologists.
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INTRODUCTION

Biochemical Systematics and Ecology is devoted to the publication of original papers and reviews, both submitted and invited, in two subject areas: (i) the application of biochemistry to problems relating to systematic biology of organisms (biochemical systematics); (ii) the role of biochemistry in interactions between organisms or between an organism and its environment (biochemical ecology).

Types of paper
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