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JOURNAL OF MARINE RESEARCH

The *Journal of Marine Research*, one of the oldest journals in American marine science, published important peer-reviewed original research on a broad array of topics in physical, biological, and chemical oceanography vital to the academic oceanographic community in the long and rich tradition of the Sears Foundation for Marine Research at Yale University.

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SEARS FOUNDATION FOR MARINE RESEARCH
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PREFACE

The Journal of Marine Research is intended particularly as an outlet for shorter articles on any aspect of scientific marine investigations or any subject with a direct or indirect bearing upon the problems of the sea. Due to the intimate connection and mutual relationship between hydrospheric and atmospheric events in nature, and to the virtual identity of dynamic methods and principles in Meteorology and Oceanography, contributions to physical meteorological theory in general and to our knowledge about the relationship between ocean and air, in particular will be considered equally pertinent to marine as to meteorological research, and therefore within the scope of this Journal.

Since other facilities for the publication of the purely descriptive records and accounts of new discoveries are comparatively adequately provided for already, generally under the auspices of the institution for which the material is collected, this new journal has particularly been intended to provide a badly needed, uniform, common outlet and free forum for the discussion of new contributions to the interpretation and understanding of the sea in all its internal and external relationships, rather than to provide simply an addition to the facilities already available for placing the new factual records at the disposal of the scientific world. In the admission of contributions to this Journal, explicit theoretical contents, or general theoretical interest implicit in the nature of the recorded data *per se*, will therefore be emphasized over

cumulative additions to our factual knowledge of marine phenomena already well established in theory and empirical principle.

Although the *Journal* is particularly meant to fulfill the needs of North American marine and allied research, its pages will be open to all contributors. For practical reasons, publication will only be made in the English language, but aid in translation may be provided within reasonable possibility for articles accepted in other languages.

While space will be given to the discussion of any current theory in marine research in the form of signed contributions, bibliographic reviews of the literature will not be a feature of this journal, since this need is already well taken care of in other periodicals of international scope.