

BOOK REVIEW

Trace Metals in Sea Water. Edited by C. S. Wong, Edward Boyle, Kenneth W. Bruland, J. D. Burton and Edward D. Goldberg. Nato Conference Series, Series IV: Marine Sciences, Volume 9, Plenum Press, New York and London, pp. xiv + 920, ISBN 0-306-41165-2, U.S. \$ 115.00.

“Trace metals in sea water” represents the most advanced review of marine chemistry presently available.

For chemists, biochemists, oceanographers and for everyone who deals with marine biology, this book should prove to be a very useful tool.

The topics reported include: Metalloids and the hydride generation; Arctic chemistry; Intercalibra-

tion exercise; Estuarine processes involving metals; Ocean distribution and analysis; Chemical speciation; Metals in the biosphere.

Particular mention should be made of the review of analytical methods for the determination of trace and ultratrace elements like arsenic, antimony, tin, germanium etc. The precise determination of these metals as well as the identification of their chemical species indicates that most of the previously held common beliefs about their biochemical cycle are incorrect and more appropriate models are now presented.

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