

REVIEWS

GEOLOGY AT M.I.T. 1865-1965: A History of the First Hundred Years of Geology at Massachusetts Institute of Technology, I. The Faculty and Supporting Staff, by Robert R. Shrock. Published by The MIT Press, Cambridge, Massachusetts, and London, England, 1977, xxiv + 1032 pp., illus., \$25.00

This is the first of two volumes planned by Professor Shrock to record the role that geologists and geology played at the Massachusetts Institute of Technology during its first century. The present volume, on the geology faculty, consists largely of biographical sketches of the first fifty-three professors of geology at MIT. It includes also an account of the founding of the Institute, the development of the curriculum and faculty in geology, and of visiting and named professors and lecturers who also served at the Institute during 1865-1965. The second volume (nyp) is to be devoted to the activities and accomplishments of the professors and their supporting personnel.

The massive first volume of Professor Shrock's work is at least impressive if not formidable. However, historians of geological education and the friends and graduates of MIT will find the volume most useful as a biographical handbook and reference volume. It is not indexed, but this is hardly necessary due to the nature of the subject and to the detailed table of contents which precedes the text. The attractiveness of the book is marred by the unjustified margins and the unimaginative, though legible, type style. However, the illustrations are numerous and most pleasing and well selected. Especially interesting are the early classroom views and pages from Waldemar Lindgren's class notes taken at the Bergakademie in Freiberg, Saxony. The book is well bound and the price is surprisingly low for such a large volume.

The biographical accounts are arranged in chronological order, beginning with William Barton Rogers, Founder and first President of the Institute, and first Professor of Physics and Geology, 1865-1881, and continuing to Frank Press, the fifty-third professor, appointed in 1965, as MIT began its second century. In addition to William Barton Rogers, other famed geologists from the MIT roster include Alpheus Hyatt (1870-1888), Thomas Sterry Hunt (1872-1878), Hervey Woodburn Shimer (1903-1965), Reginald Aldworth Daly (1907-1915), Waldemar Lindgren (1908-1939), Frederic Henry Lahee (1912-1918), Robert Rakes Shrock (1937-1975), and Louis Herman Ahrens (1948-1963).

MODERN QUATERNARY RESEARCH IN SOUTHEAST ASIA: volume 3, edited by Gert-Jan Bartstra, Willem Arnold Casparie, and Ian C. Glover. Published by A. A. Balkema, Rotterdam, 1977, ix + 155 pp., illus., \$10.50 (distributed in the United States by ISBS, Inc., Forest Grove, Oregon).

In this, the third volume of the series, emphasis is placed on the Holocene Period and the prehistory of Southeast Asia. The five papers include Maritime adaptations and exploitation of marine resources in Sundaic Southeast Asia prehistory, by F. L. and D. F. Dunn; Laang Spean and the prehistory of Cambodia, by Roland Mourer; Phu Wiang pottery and the prehistory of Northeastern Thailand, by D. T. Bayard; The prehistory of the Southern Khorat Plateau, North East Thailand, by C. F. W. Higham; and The height of the river terraces in the transverse Solo valley in Java, by Gert-Jan Bartstra. Only the last paper will be of significant importance to geologists, as it deals with terraces which yielded specimens of early Man in Java.

--H.C.S.