

biology easily could have been omitted from a volume of platelet immunobiology had the editors adopted a narrower perspective. I'm glad they didn't. Much of what we know about the structure and function of platelet surface receptors has come from studies using immunochemical approaches. Although devoted for the most part to the platelet, the approaches outlined in these chapters are applicable to other cell systems.

The editors apparently gave the authors of individual chapters free rein. Contributions range from comprehensive literature reviews to brief overviews to lucid descriptions of an immunochemical approach to a single experimental problem. Most are written in the scholarly style to which we are accustomed, but others, for example the provocative chapter by George on platelet IgG, are written in a more proselytizing style. Although I appreciate the broader approach exemplified in *Platelet Immunobiology*, the eclecticism of the volume does give rise to some fragmentation and redundancy. All in all, this book fills a niche. It should find acceptance.

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Some Other Books of Interest

100 Years Exploring Life, 1888–1988. The Marine Biological Laboratory at Woods Hole. JANE MAIENSCHIEIN. Selection and arrangement of photographs by Ruth Davis. Jones and Bartlett, Boston, 1989. xvi, 192 pp., illus. \$22.50.

Likely to be especially appealing as an orientation for summer sojourners, this informal centennial "testament" is focused on human rather than marine life in the environs of the Marine Biological Laboratory. An opening chapter, "Arriving at Woods Hole," begins by depicting the Friday night traffic jams of today and moves backward to describe the arrival of the MBL itself and the activities of Louis Agassiz, Spencer Fullerton Baird, Alpheus Hyatt, and others who played a role in the establishment of science in the area. Where and how visitors live and eat are the subject of another chapter, with perhaps more relish for the options that have been available for those who are "not too fussy" than for the increasing opportunities for utilizing "plenty of money," and with a digression on the one-time whaling and fishing activities of the town and an account of the hurricane of 1938. Accounts of buildings and budgets and the library and publications avoid bureaucratic detail and are enlivened by stories of a fire in which a cow rented by Thoms Hunt Morgan es-

caped and how a feckless student of Jacques Loeb's, beginning "with more zeal than knowledge," was with the aid of India ink made aware of the need "to reflect more deeply." A chapter entitled "The people" gives attention to administrators, scientific eminences, families thereof, miscellaneous retainers, and visitors, including Emperor Hirohito, who, unlike William Rainey Harper, was not hit with a piece of watermelon. The chapter "Doing science" explains some of the rationale of the enterprise but with attention to the day-to-day side—equipment, techniques, collecting excursions. The last two chapters describe extralaboratory diversions and "friends and relatives" of the MBL, including local supporters, other marine labs, the Coast Guard, and the apparently ambivalently regarded Woods Hole Oceanographic Institution. Maienschein, who previously edited a collection of the MBL's earliest Friday Evening Lectures (*Defining Biology*, Harvard University Press, 1986; see *Science* 234, 1595 [1986]), has in preparing this work drawn extensively on taped interviews and other materials in the MBL Archives, the source also of the many photographs that accompany the text. The serious Woods Hole aficionado will also want a copy of F. R. Lillie's 1944 *The Woods Hole Marine Biological Laboratory*, reprinted for the centennial as a supplement to volume 174 of MBL's *Biological Bulletin* and available from the *Bulletin* office for \$10.—K.L.

A Neotropical Companion. An Introduction to the Animals, Plants, and Ecosystems of the New World Tropics. JOHN C. KRICHER. Illustrated by Andrea S. LeJeune. Princeton University Press, Princeton, NJ, 1989. xii, 436 pp., illus. \$45; paper, \$16.95.

"For anyone sympathetic with the pursuit of natural history, a visit to a tropical region is a must," writes John Kricher. This book is addressed to such an audience: "to introduce you to what it is about the American tropics that makes me and my many colleagues want to keep returning and studying." The volume opens with an overview of tropical ecosystems. Then rainforest is described in two chapters, one of "first impressions" ("Imagine we are standing on Pipeline Road in the Canal Zone in Panama. . .") with some practical advice about health and safety, the other outlining the functioning of the forest—nutrient cycling, ecological succession, agriculture and its concomitants. A third chapter considers the rainforest as a "laboratory of evolution." Rainforest plants are then discussed as a source of beneficial drugs, with excursions into such subjects as animal feeding special-

izations and mimicry. There follow a summary of the neotropical avifauna and a "rain-forest bestiary" encompassing mammals, reptiles and amphibians, and invertebrates. Finally, the author briefly describes non-rainforest ecosystems: savannas and the mangroves, seagrasses, and coral reefs of coastal areas. An epilogue setting out current concerns about the "fate of the tropics," a glossary, lists of references cited and general works, and two indexes are included. Illustrated with black-and-white drawings of characteristic biological forms, the volume is attractively produced and compact enough to be easily portable for the traveler.—K.L.

Books Received

AIDS. Profile of an Epidemic. Pan American Health Organization, Washington, DC, 1989. xviii, 365 pp., illus. Paper, \$36. Scientific Publication no. 514.

Algae and Human Affairs. Carole A. Lembi and J. Robert Waaland, Eds. Cambridge University Press, New York, 1989. viii, 590 pp., illus. \$67.50.

Alternate Realities. Mathematical Models of Nature and Man. John L. Casti. Wiley-Interscience, New York, 1989. xviii, 493 pp., illus. \$34.95.

American High. The Years of Confidence, 1945–1960. William L. O'Neill. Free Press (Macmillan), New York, 1989. xii, 321 pp. + plates. Paper, \$9.95. Reprint, 1986 ed.

American Psychology in the Quest for Nuclear Peace. Marilyn S. Jacobs. Praeger, Westport, CT, 1989. xxii, 181 pp. \$39.95.

Amyloid and Amyloidosis. Takashi Isobe *et al.*, Eds. Plenum, New York, 1988. xx, 885 pp., illus. \$135. From a symposium, Hakone, Japan, Oct. 1987.

Analytical Aspects of Drug Testing. Dale G. Deutsch, Ed. Wiley-Interscience, New York, 1989. xvi, 304 pp., illus. \$75. Chemical Analysis, vol. 100.

Ancient Trade and Tribute. Economies of the Sonoran Region of Mesoamerica. Barbara Voorhies, Ed. University of Utah Press, Salt Lake City, 1989. xiv, 336 pp., illus. \$30.

Animal Sonar. Processes and Performance. Paul E. Nachtigall and Patrick W. B. Moore, Eds. Plenum, New York, 1988. xvi, 862 pp., illus. \$125. NATO Advanced Science Institutes Series A, vol. 156. From an institute, Helsingør, Denmark, Sept. 1986.

The Biolab Book. Lundy Pentz. 2nd ed. Johns Hopkins University Press, Baltimore, 1989. x, 142 pp., illus. Spiral bound, \$10.95.

Biology. Exploring Life. Gil D. Brum and Larry K. McKane. Wiley, New York, 1989. xvi, 727 pp., illus., + index and appendices. \$49.

Biology and Freedom. An Essay on the Implications of Human Ethology. S. A. Barnett. Cambridge University Press, New York, 1989. xviii, 376 pp., illus. \$39.50.

Biotechnological Applications of Lipid Microstructures. Bruce Paul Gaber, Joel M. Schnur, and Dennis Chapman, Eds. Plenum, New York, 1988. \$79.50. Advances in Experimental Medicine and Biology, vol. 238. From workshops, Tenerife, Canary Islands, Jan. 1986, and San Sebastian, Spain, Oct. 1987.

Biotechnology. Vol. 6b, Special Microbial Processes. Hans-Jürgen Rehm, Ed. VCH, New York, 1989. xvi, 810 pp., illus. \$298.

The Causes and Cures of Criminality. Hans J. Eysenck and Gisli H. Gudjonsson. Plenum, New York, 1989. xvi, 309 pp. \$34.50. Perspectives on Individual Differences.

Cell Surface Antigen Thy-1. Immunology, Neurology, and Therapeutic Applications. Arnold E. Reif and Michael Schlesinger, Eds. Dekker, New York, 1989. xxvi, 618 pp., illus. \$99.75. Immunology Series, vol. 45.

Cellular and Molecular Biology of Muscle Development. Laurence H. Kedes and Frank E. Stockdale, Eds. Liss, New York, 1989. xxvi, 1059 pp., illus. \$195; paper, \$69.50. UCLA Symposium on Molecular and Cellular Biology, vol. 93. From a symposium, Steamboat Springs, CO, April 1988.

Chemistry. John C. Bailar, Jr. *et al.* 3rd ed. Harcourt Brace Jovanovich and Academic Press, San Diego, CA, 1989. xvi, 116 pp., illus. \$38.