

## Books

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**Antarctic Science** — D.W.H. Walton, Ed. Scientists from the British Antarctic Survey here review the major international developments in Antarctic science from its early beginnings at the time of Captain Cook to the present. Examines in depth the biology, geology and atmospheric science of Antarctica, highlighting the principal achievements of the past 25 years and providing an account of the present knowledge of this frozen continent. Looks toward the future for the direction of scientific research and cooperation among nations in Antarctica. Cambridge U Pr, 1987, 280 p., color/b&w illus., \$39.50.

**A Field Guide to the Birds of Hawaii and the Tropical Pacific** — H. Douglas Pratt, Phillip L. Bruner and Delwyn G. Berrett. An introductory section devoted to birding techniques in general and special features of birding in the tropical Pacific is followed by species descriptions, maps, regional checklists, an extensive bibliography and color plates with accompanying brief notes for identification. Princeton U Pr, 1987, 454 p., color/b&w illus., \$50, paper, \$19.95.

**The Gardener's Index of Plants & Flowers** — John Brookes, Kenneth A. Beckett and Thomas H. Everett. Presents principles of design and tells how to apply them to your existing garden or to the design of a new garden. Tells where, how and when to buy healthy plants, gives planting techniques and aftercare, discusses symptoms and treatment of common pests and diseases. The major portion of the book is the plant-finder's guide, which gives the vital statistics for over 4,000 plants — trees, shrubs, climbing plants, perennials, cacti and succulents, annuals and biennials, bulbs and water plants. Macmillan, 1987, 272 p., color/b&w illus., \$25.95.

**Meteorite Craters** — Kathleen Mark. Only during the present century have scientists agreed that craters on the earth's surface could have been caused by meteorites. According to the introduction, more than 100 places have been identified where a meteorite struck the earth at some time in the past. This book describes for the interested lay reader discoveries and achievements in this relatively young science that have changed ideas about the solar system and the history and structure of the earth. U of Ariz Pr, 1987, 288 p., illus., \$29.95.

**What the Hands Reveal About the Brain** — Howard Poizner et al. Recent findings from a research program in the field of cognitive neuropsychology that provide evidence that language is not limited to hearing and speech. Shows that there are primary linguistic systems that the deaf use that do not rely on spoken language. The findings also suggest that the left brain hemisphere may have an innate predisposition for language independent of form. (See SN: 7/18/87, p.40). MIT Pr, 1987, 236 p., illus., \$25.

**Wilbur and Orville: A Biography of the Wright Brothers** — Fred Howard. The story of the two bicycle mechanics from Dayton, Ohio, who, on the Outer Banks of North Carolina in 1903, were the first to achieve sustained free flight. The author was part of the team that edited the Wright Papers in the Library of Congress. Here he sets Orville and Wilbur and their achievements within the world of early aerial experimentation. Knopf, 1987, 530 p., illus., \$24.95.

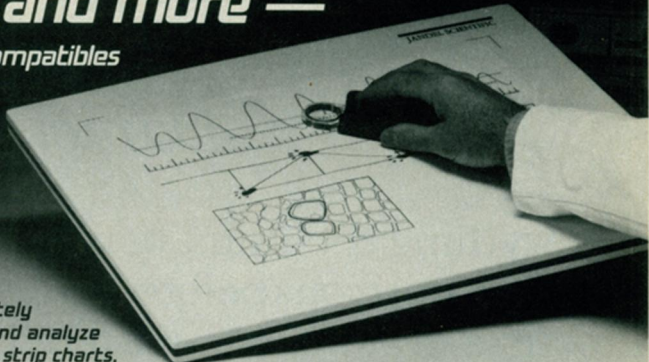
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