

Books

Books is an editorial service for readers' information. To order any book listed or any U.S. book in print, please remit retail price, plus \$2.00 postage and handling charge for each book, to **SCIENCE NEWS BOOKS**, 1719 N Street, NW, Washington, DC 20036. All books sent postpaid. Domestic orders only. Please allow 4-6 weeks for delivery.

Bears of the World—Terry Domico. The result of three years of traveling the world to photograph and observe virtually every type of major bear, this book makes the reader feel comfortable in the presence of bears while also exposing their wild and dangerous side. From black bears of North America (see SN:12/24&31/88, p.424) to spectacled bears of the Andes to the rare sun bear of Borneo, this book details the animals' natural history and shows them through amazing close-up photographs. Closing chapters focus on living with bears, further reading on bears and safety in bear country. Facts on File, 1988, 189 p., color illus., hardcover, \$29.95.

Digging Dinosaurs—John R. Horner and James Gorman. A personal account of how Horner came to be one of the leading researchers in dinosaur birth and infancy, family life and social behavior. Science writer Gorman leads the reader through Horner's world of dinosaur nests and fossilized eggs, and on to his discovery of the remains of the largest herd of dinosaurs ever known. Horner's ideas about dinosaurs as swift, successful, complex creatures that are unlike modern reptiles have influenced many paleontologists' thinking and are a refreshing departure from dwelling on how they died. Workman Pub, 1988, 210 p., color illus., hardcover, \$17.95.

The Facts on File Dictionary of Physics, Revised and Expanded Edition—John Daintith, Ed. More than 3,000 terms from solid-state and quantum physics defined, explained and illustrated for the student, teacher, scientist or anyone who needs to be in step with the latest terms in the world of physics. Facts on File, 1988, 235 p., illus., hardcover, \$19.95.

Gene Wars: Military Control Over the New Genetic Technologies—Charles Piller and Keith R. Yamamoto. An investigative journalist and a molecular biologist have prepared an overview of the implications of genetic engineering and biological warfare (see SN: 12/17/88, p.385). In detail they explain, for the general reader, the process of genetic engineering, the history of world use of gene-altered products, future wartime scenarios and the future of genetic arms control. Morrow, 1988, 302 p., charts & tables, hardcover, \$22.95.

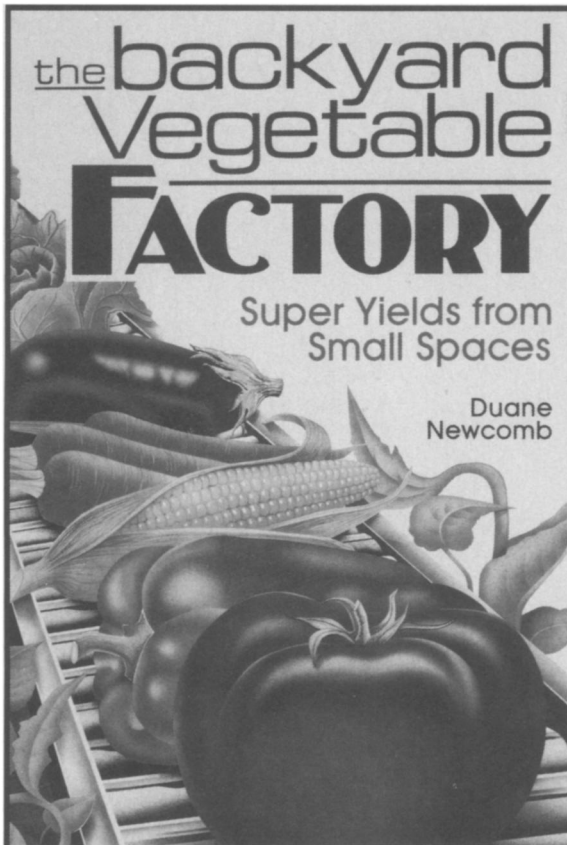
IEEE Standard Dictionary of Electrical and Electronics Terms, Fourth Edition—Frank Jay, Ed. Defines 24,793 terms from electrical, electronics and computer engineering for engineers, teachers, students and writers. Since the last edition was published in 1984, 4,000 new or revised entries have been added to this classic reference source. IEEE, 1988, 1,270 p., charts, formulas & tables, hardcover, \$65.00.

Moose—Michio Hoshino. A story in pictures of the life of a moose—fighting, eating, mating, relaxing, giving birth and protecting young—through four seasons in Alaska. Stunning photographs offer a rare glimpse of this awesome creature in the wild. Chronicle Bks, 1988, 89 p., color illus., hardcover, \$18.95, paper, \$9.95.

Neurocomputing: Foundations of Research—James A. Anderson and Edward Rosenfeld, Eds. A collection of papers by leaders in neural computing research, starting with a 1943 paper by McCulloch and Pitts titled "A logical calculus of the ideas immanent in nervous activity." The papers trace the field's development through the work of Hebb, Lashley, von Neumann and Minsky, culminating with a 1987 paper by Sivilotti, Mahowald and Mead on "Real-time visual computations using analog CMOS processing arrays." MIT Pr, 1988, 729 p., illus., hardcover, \$55.00.

Perfumery: The Psychology and Biology of Fragrance—Steve Van Toller and George H. Dodd, Eds. A fairly technical look at why certain smells elicit certain responses. Covers the biology of smell (according to the preface, "the nose is not the organ of smell reception"), developmental and social aspects of fragrance, brain activity during odor reception, aroma therapy for altering mood and relaxation, and how perfumers classify and pinpoint perfume consumers. Chapman and Hall, 1988, 268 p., illus., hardcover, \$49.95.

To The Arctic: An Introduction to the Far Northern World—Steven B. Young. The director of the Center for Northern Studies in Vermont has written a field guide that reveals the glory of the unique Arctic geology and ecology. A well-illustrated primer, giving attention to topics—such as periglacial processes and peatland ecology—that often are covered only in technical books. The closing chapter discusses early humans in the Arctic and the development of Eskimo culture. Wiley, 1988, 354 p., illus., hardcover, \$24.95.



the backyard
Vegetable
FACTORY
Super Yields from
Small Spaces
Duane
Newcomb

Rodale, 1988, 264 pages, 6½"x9½", paperback, \$14.95
ISBN 0-87857-772-6

If you think large vegetable gardens always produce more than small ones . . . if you just don't seem to have time to garden the way you used to . . . if you have a yard the size of a postage stamp . . . it's time you turned your garden into a Vegetable Factory! With the Vegetable Factory system, you can produce more than 200 pounds of produce in a 5-by-5-foot plot!

Key Vegetable Factory concepts include:

- **The Well-laid Plan.** Thirteen different designs for superproductive minigardens.
 - **Supersoil for the Backyard.** How to powerpack your soil with nutrients, develop soil "recipes" and learn the secret of garbage-can composting.
 - **Dynamic Plant Groups.** Plantings focus on key producer plants to create a robust, interactive vegetable community.
 - **Container Gardening.** How to grow an abundance of vegetables, flowers and herbs even if you don't have a garden, and how to increase the harvest if you do.
- from the publisher

Why settle for a
garden when you
could have a
Vegetable Factory?

Science News Books
1719 N Street, NW
Washington, DC 20036

Please send _____ copy(ies) of *The Backyard Vegetable Factory*. I include a check payable to Science News Books for \$14.95 plus \$2.00 postage and handling (total \$16.95) for each copy. Domestic orders only.

Name _____
Address _____
City _____
State _____ Zip _____

RB1011