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- **United Kingdom:** Stratech Scientific Ltd., Tel: 0582-481884, Fax: 0582-481895
- **United States:** CytRx Corporation, Tel: 1-800-345-2987, 770-368-9500, Fax: 770-447-8875
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Vignettes: Confidings of Herpetology

By the late 1980s . . . scientists who work with frogs slowly and cautiously began sharing their tales of frog-finding difficulty with their colleagues. Among herpetologists, particularly those who work in the field more than in laboratories, being able to find amphibians traditionally has been a matter of pride. If a graduate student returned from a summer field trip complaining about not being able to find animals, colleagues and teachers assumed the student was not very competent. So when the professionals began sharing their experiences of not finding frogs, it was almost cathartic, like releasing some horrible family secret.

—Kathryn Phillips, in *Tracking the Vanishing Frogs: An Ecological Mystery* (St. Martin's Press; Penguin paperback)

Once, I was a member of a prestigious panel of herpetologists meeting to decide the future of herpetology. There were about eight of us sitting around a conference table. Glancing around, I noticed that about two-thirds of us had a missing digit. Herpetologists cannot resist picking up venomous snakes. Sooner or later, most manage to get bitten, and they often lose part of a digit in the process. I felt right at home in that group, even though I didn't lose mine to a snake (how were they to know?).

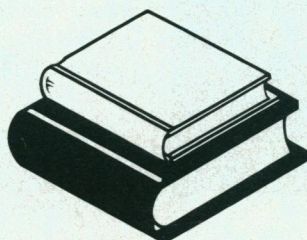
—Eric R. Pianka, in *The Lizard Man Speaks* (University of Texas Press)

now been crystallized, and a good number of three-dimensional structural models are presented. Schematic representations of the receptors are included as well, creating an immediate impression of the type of signal transduction that is likely to occur (a notable deficiency here concerns the TNF receptor family, for which a number of transducing molecules have emerged since publication). Detailed descriptions of several knockout phenotypes are also presented.

This book meets an obvious need. Many cytokine workers immediately find themselves out of their depth when the conversation (or the impulse of research) turns to a factor with which they have no hands-on experience. For them the *Guidebook* sets forth facts of a solid character that are not likely to change in the near term. This makes the book extremely attractive and well worth buying.

Bruce Beutler

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Reprints of Books Previously Reviewed

Early Quantum Electrodynamics. A Source Book. Arthur I. Miller. Cambridge University Press, New York, 1995. Paper, \$24.95. *Reviewed* 265, 1605 (1994).

Galileo At Work. His Scientific Biography. Stillman Drake. Dover, New York, 1995. Paper, \$14.95. *Reviewed* 206, 439 (1979).

Polymers. The Origins and Growth of a Science. Herbert Morawetz. Dover, New York, 1995. Paper, \$11.95. *Reviewed* 231, 167 (1986).

The Quark and the Jaguar. Adventures in the Simple and the Complex. Murray Gell-Mann. Freeman, New York, 1995. Paper, \$15.95. *Reviewed* 264, 1480 (1994).

Books Received

Advances in Linear Logic. Jean-Yves Girard, Yves Lafont, and Laurent Regnier, Eds. Cambridge University Press, New York, 1995. viii, 389 pp. Paper, \$44.95. London Mathematical Society Lecture Note, 222.

Advances in Mucosal Immunology. Jiri Mestecky *et al.*, Eds. Plenum, New York, 1995. 2 vols. Part A, xiv pp. + pp. 1-698, illus. Part B, iv pp. + pp. 699-1680, illus. \$245. *Advances in Experimental Medicine and Biology*, vol. 371. From a congress, Prague, Aug. 1992.

Biology of the Sialic Acids. Abraham Rosenberg, Ed. Plenum, New York, 1995. xvi, 378 pp., illus. \$95.

Biology Takes Form. Animal Morphology and the German Universities, 1800-1900. Lynn K. Nyhart. University of Chicago Press, Chicago, 1995. xiv, 414 pp., illus., + plates. \$75 or £59.95; paper, \$27.50 or £21.95. Science and Its Conceptual Foundations.

Causal Cognition. A Multidisciplinary Debate. Dan Sperber, David Premack, and Ann James Premack, Eds. Clarendon (Oxford University Press), New York, 1995. xx, 670 pp., illus. \$115. Symposia of the Fyssen Foundation. From a symposium, St-Germain-en-Laye, Jan. 1993.

Cell Architecture and Metabolic Channeling. Judit Ovádi. Springer-Verlag, New York, and Landes, Austin, TX, 1995 (distributor, CRC Press, Boca Raton, FL).

viii, 250 pp., illus. \$89. Molecular Biology Intelligence Unit.

Disabled Children and Developing Countries. Pam Zinkin and Helen McConachie, Eds. Mac Keith, London, 1995 (U.S. distributor, Cambridge University Press, New York). xii, 238 pp., illus. \$59.95. Clinics in Developmental Medicine, no. 136.

Discipline and Experience. The Mathematical Way in the Scientific Revolution. Peter Dear. University of Chicago Press, Chicago, 1995. xiv, 290 pp., illus. \$60 or £47.95; paper, \$24 or £19.25. Science and Its Conceptual Foundations.

Encyclopedia of Analytical Science. Alan Townshend, Ed. Academic Press, San Diego, 1995. 10 vols. ciii, 6059 pp., illus., + plates. \$1595.

The Encyclopedia of Snakes. Chris Mattison. Facts on File, New York, 1995. 256 pp., illus. \$35 or \$C46.95.

Flight Management Systems. The Evolution of Avionics and Navigation Technology. Samuel B. Fishbein. Praeger, Westport, CT, 1995. xxii, 239 pp., illus. \$65.

Florida Indians and the Invasion from Europe. Jerald T. Milanich. University Press of Florida, Gainesville, 1995. xx, 290 pp., illus. \$29.95.

Fluvial Processes in Geomorphology. Luna B. Leopold, M. Gordon Wolman, and John P. Miller. Dover, New York, 1995. xiv, 522 pp., illus. Paper, \$17.95. Reprint, 1964 ed.

Global Warming. The Truth Behind the Myth. Michael L. Parsons. Insight Books (Plenum), New York, 1995. xvi, 271 pp., illus. \$27.95.

"Glucokinase." Its Regulation and Role in Liver Metabolism. Maria Luz Cárdenas. Springer-Verlag, New York, and Landes, Austin, TX, 1995 (distributor, CRC Press, Boca Raton, FL). xii, 210 pp., illus. \$89. Molecular Biology Intelligence Unit.

Hidden Order. How Adaptation Builds Complexity. John H. Holland. Addison-Wesley, Reading, MA, 1995. xxii, 185 pp., illus. \$24 or \$C33.

High Temperature Superconductivity. Current

Results and Novel Mechanisms. K. P. Sinha and S. L. Kakani. Nova, Commack, NY, 1995. x, 270 pp., illus. \$93.

Interfacial Phenomena in Drug Delivery and Targeting. Graham Buckton. Harwood, Langhorne, PA, 1995 (distributor, International Publishers Distributor, Brooklyn, NY). xxiv, 289 pp., illus. \$95 or £62 or ECU 79. Drug Targeting and Delivery, vol. 5.

Interleukin-6-Type Cytokines. Andrezej Mackiewicz, Aleksander Koj, and Pravin B. Sehgal, Eds. New York Academy of Sciences, New York, 1995. xvi, 522 pp., illus. \$150. Annals of the New York Academy of Sciences, vol. 762. From a conference, Poznan, Poland, June 1994.

Marine Ecological Processes. Ivan Valiela. 2nd ed. Springer-Verlag, New York, 1995. xiv, 686 pp., illus. \$54.95.

The Mathematics of Generalization. The Proceedings of the SFI/CNLS Workshop on Formal Approaches to Supervised Learning. David H. Wolpert, Ed. Addison-Wesley, Reading, MA, 1995. xviii, 441 pp. \$55.95; paper, \$31.95. Santa Fe Institute Studies in the Sciences of Complexity, Proceedings, vol. 20.

New Approaches to Speciation in the Fossil Record. Douglas H. Erwin and Robert L. Anstey, Ed. Columbia University Press, New York, 1995. xii, 342 pp., illus. \$45 or £34. Based on a meeting, 1992.

New Frontiers in Medical Device Technology. Arye Rosen and Harel D. Rosen, Eds. Wiley, New York, 1995. xii, 364 pp., illus. \$69.95. Wiley Series in Microwave and Optical Engineering.

Oxidative Stress, Lipoproteins and Cardiovascular Dysfunction. C. Rice-Evans and K. R. Bruckdorfer, Eds. Portland, London, 1995 (U.S. distributor, Ashgate, Brookfield, VT). xvi, 184 pp., illus. \$96 or £60. Portland Press Research Monographs, 7.

Palaeozoic Palaeobotany of Great Britain. C. J. Cleal and B. A. Thomas. Chapman and Hall, New York, 1995. xii, 295 pp., illus. \$129.95.

Paleobotany. Plants of the Past, Their Evolution,

Paleoenvironment and Application in Exploration of Fossil Fuels. Shripad N. Agashe. Science Publishers, Lebanon, NH, 1995. x, 359 pp., illus. \$55.

Questioning Chemotherapy. Ralph W. Moss. Equinox, Brooklyn, NY, 1995. ii, 214 pp. Paper, \$19.95 or \$C25.95.

Radiogenic Isotope Geology. Alan P. Dickin. Cambridge University Press, New York, 1995. xvi, 452 pp., illus. \$89.95.

Rapid Freezing, Freeze Fracture, and Deep Etching. Nicholas J. Severs and David M. Shotton, Eds. Wiley-Liss, New York, 1995. xii, 372 pp., illus. \$125. Techniques in Modern Biomedical Microscopy.

Scientific Integrity. An Introductory Text with Cases. Francis L. Macrina. ASM Press, Washington, DC, 1995. xxii, 283 pp. Paper, \$24.95.

Topology. An Introduction to the Point-Set and Algebraic Areas. Donald W. Kahn. Dover, New York, 1995. viii, 217 pp., illus. Paper, \$7.95. Reprint, 1975 ed.

Work and Technology in Higher Education. The Social Construction of Academic Computing. Mark A. Shields, Eds. Erlbaum, Hillsdale, NJ, 1995. viii, 198 pp., illus. \$49.95; paper, \$19.95. Technology and Education.

Publishers' Addresses

Below is information about how to direct orders for books reviewed in this issue. A fuller list of addresses of publishers represented in *Science* appears in the issue of 26 May 1995, page 1220.

Cambridge University Press, 110 Midland Ave., Port Chester, NY 10573-4930. Phone: 800-872-7423; 914-937-9600. Fax: 914-937-4712.

Oxford University Press, Inc., Order Dept., 2001 Evans Rd., Cary, NC 27513. Phone: 800-451-7556; 919-677-0977. Fax: 919-677-1303.

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