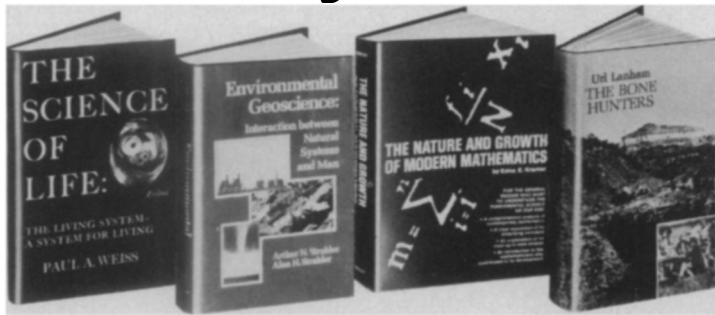


# science news

May 4, 1974  
Vol. 105, No. 18, 281-296

**KOHOUTEK'S  
LEGACY TO  
SCIENCE**

Check to see if the books you've been meaning to read are on this list. Chances are they are. So...choose any 3—all for only \$3.95 as a member of **The Library of Science.**



Values to \$47.90

(You simply agree to buy 3 more books—all at handsome discount—over the next 12 months.)

**HOW THE CLUB OPERATES**

• The Book Club News, describing the coming Main and Alternate Selections, will be sent to you 15 times a year at three to four week intervals. • If you wish to purchase the Main Selection, do nothing and it will be shipped to you automatically. • If you prefer one of the Alternates, or no book at all, simply indicate your decision on the reply form always enclosed with the News and mail it so we receive it by the date specified. • The News is mailed in time to allow you at least 10 days to decide if you want the coming Main Selection. If, because of late mail delivery of the News, you should ever receive a Main Selection without having had the 10-day consideration period, that Selection may be returned at Club expense. • After completing your trial membership, you will be entitled to take advantage of our bonus plan offering savings up to 70% and more.

**The Library of Science**  
Riverside, New Jersey 08075

2-39A

Please accept my application for membership and send me the three volumes indicated, billing me only \$3.95 for all three. I agree to purchase at least three additional Selections or Alternates during the first year I am a member, at special members' prices. Savings range up to 30% and occasionally even more. My membership is cancelable any time after I buy these three books. A shipping and handling charge is added to all shipments.

**3 books for \$3.95**

Indicate by number the 3 books you want.

Some expensive books count as 2 selections.

Send no Money. Members are billed when books arrive.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Book selections purchased for professional purposes may be a tax-deductible expense. (Offer good in Continental U.S. and Canada only. Prices slightly higher in Canada.)

(retail prices shown)

- 76120. THE SCIENCE OF LIFE.** *Paul A. Weiss.* Brilliant research biologist and educator has distilled the knowledge he has gleaned over a lifetime devoted to investigating the meaning, mystery, and mechanisms of life to develop a sound and sensible philosophy. **\$7.95**
- 45990. ESSAYS ON CELLULAR AUTOMATA.** *Edited by Arthur W. Burks.* Eight experts in the field present a fascinating overview of one of the fastest-growing and most intriguing branches of computer science. **\$12.50**
- 46580. THE EVOLUTION OF MAN AND SOCIETY.** *C. D. Darlington.* One of the world's great scientists sums up a lifetime of research and speculation on every aspect of human development. **\$12.95**
- 78190. SEXUAL SELECTION AND THE DESCENT OF MAN.** *Edited by Bernard Campbell.* Experts in the fields of biology, genetics and anthropology examine the evidence for Darwin's theory of sexual selection, the strongest factor in human evolution. **\$14.75**
- 47340. EXPLORING THE OCEAN WORLD. Revised Edition.** *Edited by C. P. Idyll.* Soudly documented study of oceanography in all its varied aspects. "Profusely illustrated. A very useful compendium. . . ." N. J. Berrill in *Natural History*. **\$14.95**
- 75730. SCIENCE AND SOCIETY IN THE 16th and 17th CENTURIES.** *Alan G. R. Smith.* A lucid and succinct account of the scientific advances of the sixteenth and seventeenth centuries which produced a revolutionary reshaping of man's view of the universe and his own place in it. **\$8.95**
- 45471. ENVIRONMENTAL GEOSCIENCE.** *Arthur N. Strahler and Alan H. Strahler.* Masterfully explores the biological processes involved in interactions between Man and the environment of energy and matter which surrounds him. **\$12.95**
- 48700. FOOD IN HISTORY.** *Reay Tannahill.* Highly-acclaimed, pioneering work drawing on archaeology, anthropology, biology, economics, medicine, and other disciplines to show how diet and eating habits have shaped man's development. **\$15.00**
- 68730. PHYSICS OF THE EARTH.** *Frank D. Stacey.* New volume in the science of geophysics incorporating all of the revolutionary changes in this most fundamental of sciences. **\$12.95**
- 50110. GENETICS OF THE EVOLUTIONARY PROCESS.** *Theodosius Dobzhansky.* Recent discoveries in molecular biology are incorporated to explain the unity and diversity of life on earth. Vital reading for scientist and nonspecialist alike. **\$12.50**
- 87540. WORKING WITH NATURE.** *John W. Brainerd.* Offers perceptive instructions for modifying the environment anywhere. For nonspecialists and professionals — whether you have a window box, a back yard, or an entire wilderness to work with. **\$15.00**
- 50570. GRADUATE SCHOOL IN THE SCIENCES.** *By Jack G. Calvert, James N. Pitts, Jr., and George H. Dorion.* Three experts from academic life and from industry offer some useful and practical advice for those who want to get into graduate school as well as for those who want to stay in. **\$9.95**
- 49350. FUNDAMENTALS OF PHYSICS.** *David Halliday and Robert Resnick.* A complete updating and revision of the modern classic. Integrating modern and classical physics, this wildly successful text stresses theory rather than technology and is selective rather than encyclopedic. **\$15.95**
- 66020. OPTICS.** *By Miles V. Klein.* Covers not only traditional topics in geometrical and physical optics but provides a complete introduction to the full range of modern developments including lasers, holography, and coherence. **\$16.95**
- 84130. THERMAL PHYSICS.** *Charles Kittel.* A revolutionary treatment of this all-important field, by the author of the widely-acclaimed *Introduction to Solid State Physics*. **\$12.95**
- 34560. ASTROPHYSICAL CONCEPTS.** *Martin Harwit.* A challenging new presentation of the fundamentals of this important science, which bridges chemistry, physics, biology, mathematics, astronomy, meteorology, and the earth sciences. **\$14.95**
- 63061. MOONS AND PLANETS.** *William K. Hartmann.* "A masterpiece of factual information. Deserves the widest circulation among astronomers, geologists, meteorologists, biologists, philosophers, and laymen alike because it has no equal in linking these disciplines together."—Clyde W. Tombaugh in *Mercury*. **\$12.95**
- 36520. THE BONE HUNTERS.** *Uri Lanham.* Absorbing history of the nineteenth-century adventurer-scientists who startled the scientific world, shattered many near-sacred illusions, and laid the foundations of modern paleontology. Filled with rare old photographs. **\$12.95**
- 70350. PROBABILITY THEORY AND ITS APPLICATIONS. Volume 1. Third Edition.** *William Feller.* Thoroughly revised and rewritten brilliant work on probability by one of the twentieth century's most distinguished mathematicians. **\$15.00**
- 63860. THE NATURE AND GROWTH OF MODERN MATHEMATICS.** *Edna E. Kramer.* There is nothing stereotyped about this lively, ingenious new approach to the history of developing mathematical concepts. The emphasis throughout is on the clarification of 20th-century ideas. *Counts as 2 of your 3 books.* **\$24.95**

# KNOW YOUR BLOOD PRESSURE TWICE A DAY! ANYWHERE!



EASY TO USE

- INSTANT PRESSURE CHECK ANYWHERE, ANY TIME OF DAY OR NIGHT
- SAVES ON MEDICAL BILLS
- SAVES TIME, WORRY, TENSION

## PROFESSIONAL BLOOD PRESSURE MACHINE PAYS FOR ITSELF MANY TIMES OVER!

Compact unit in zippered case travels where you do! No more waiting for appointments, wasted hours in doctor's office . . . No more exorbitant medical bills to keep tabs on unruly blood pressure! Now, take your own pressure night or day, at home or away, accurately, scientifically. Precision made Aneroid type sphygmomanometer with easy-ready gauge is simple to use. Just wrap Velcro no-slip sleeve around arm and squeeze bulb. Lets you check "warning sign" fluctuations on the spot. PAYS FOR ITSELF IN COST OF JUST TWO DOCTOR VISITS! Comes with compact zippered case. One-year warranty.

**Blood Pressure Machine (Z73254) . . . Only \$15.95**  
If you don't have one, **Professional Stethoscope (Z47258)** available for **only \$4.95.**

**DON'T DELAY . . . THIS MAY BE THE BEST  
"LIFE INSURANCE" BUY YOU'VE EVER MADE!**

### HANOVER HOUSE

Hanover, Penna. 17331

#### HANOVER HOUSE NO-LIMIT CONSUMER GUARANTEE

We take such pride in the merchandise we offer, that we're completely confident in offering this **NO-LIMIT** guarantee: if at any time you are not satisfied for any reason whatsoever with your order, please return for a full refund of your purchase price. A satisfied customer is our greatest reward.

#### MAIL HANDY COUPON

**HANOVER HOUSE, Dept. Z-416**  
Hanover Bldg., Hanover, Penna. 17331

Kindly rush \_\_\_\_\_ Blood Pressure Machines (Z73254) for only \$15.95 plus 85¢ to cover postage and handling on full money back guarantee if I am not completely satisfied.

Please send \_\_\_\_\_ Stethoscope(s) (Z47258) for just \$4.95 plus 50¢ to cover p.p. & handling on same full money back guarantee.

**SAVE!** Order complete kit (Blood Pressure Machine and Stethoscope) for just \$19.95 plus \$1.00 p.p. & handling. You save \$1.30. Z73353

**CHARGE IT!**  DINERS CLUB  
 AMERICAN EXPRESS  MASTER CHARGE  
 BANKAMERICARD Interbank # \_\_\_\_\_

Acct. # \_\_\_\_\_ My Card Expires \_\_\_\_\_

Enclosed is \$ \_\_\_\_\_ **Penna. & Md. residents add sales tax.**

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

© Hanover House 1973