

## Always / Wanted to Fly the Space Shuttle?

An authentic, authoritative guide for would-be pilots and passengers.

Everyone recognizes the enormous technical achievements of the Shuttle, but few people understand how it operates. Now that information gap has been filled by this unique and fascinating paperhack

**The Space Shuttle Operator's Manual** is written in clear, simple language by experts in the field. It is abundantly illustrated with line drawings, maps, and photographs.

## The Manual is divided into six sections:

From Earth to Orbit — step-by-step instructions for launch and ascent, linked to a 4-color gatefold reproduction of the Shuttle's instrument panel, as well as typical radio exchanges between pilot and ground control.

Living in Space — what to wear and how to get dressed, how to eat, sleep, drink and stand, personal hygiene, and gravity.

Working in Space — how to operate each part of the machine (the remote manipulator arm, the space telescope, etc.).

Emergency Procedures — launch aborts, inflight vehicle plights, and medical and technical emergencies.

Entry and Landing Procedures — preparations for return and a descent checklist.

Space Shuttle missions — listing all of the Shuttle's capabilities, including Satellite Repair, Communications Satellite Deployment, Spacelab, and many more.

And also 40 pages of appendices giving complete structural specifications of the craft and its systems, a glossary of NASA terms and acronyms, and a plan of the Kennedy Space Center.

## Science News Book Order Service 1719 N Street N.W. Washington, D.C. 20036 Please send me \_\_\_\_\_\_\_ copy(ies) at \$22.50 (hardcover) Please send me \_\_\_\_\_\_ copy(ies) at \$9.95 (paperback) \$1.00 handling charge per book. Make checks payable to Science News Book Order Dept.

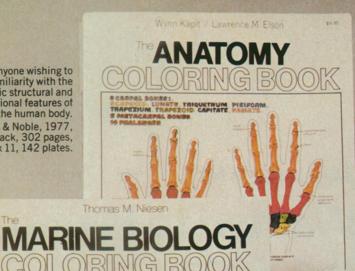
state

city

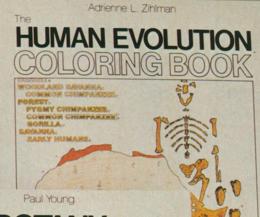


For anyone wishing to gain familiarity with the basic structural and functional features of the human body. Barnes & Noble, 1977, paperback, 302 pages, 8½ x 11, 142 plates.

ANAL



A fascinating approach to the evolutionary development of humankind and to the structural and adaptational relationships between humans and primates. Barnes & Noble, 1982, paperback, 256 pages, 8½ x 11, 111 plates.



RECEPTACLE STAMENS

HYPOGYNOUS

EPIGYNOUS

City

For all who want to understand more about plant life, including its anatomical structures, life cycles, and the basic mechanisms of photosynthesis and pollination. Barnes & Noble, 1982, paperback, 224 pages, 8½ x 11, 100 plates.

JAWE/MOUTH

Lawrence M. Elson



The structures, life cycles, and feeding habits of marine animals as well as selected topics in oceanography. Barnes & Noble, 1982, paperback, 218 pages, 8½ x 11, 96 plates.

> An effective and entertaining way to learn about animal life, both invertebrate and vertebrate.

Barnes & Noble, 1982, paperback, 238 pages, 8½ x 11, 107 plates.

Science News Book Order Service 1719 N St. NW, Washington DC 20036

Enclosed is a check totaling to cover retail price plus \$1.00 per book to cover handling charges. Make checks payable to Science News Book Order Service. Domestic orders only.

Please send me the following:

The Botany Coloring Book \$8.95

The Zoology Coloring Book \$8.95

The Marine Biology Coloring Book \$8.95 The Human Evolution Coloring Book \$8.95

Zip.

The Anatomy Coloring Book \$9.95

Name

Address

State

RB193