

In Preparation

SCIENCE NEWS ON CD-ROM

Searchable full text of news stories, features, notes, and letters from January 1995 through December 1996
Windows® and Mac® compatible
Order now to reserve your copy at prepublication prices

- a savings of up to 20% -

\$47.50 per order; \$37.50 for Science News subscribers Plus \$4 handling and mailing fee

To order, call or fill out the form below and mail today!

Visa or MasterCard, order today at prepublication prices and

Save up to 20% 1-800-544-4565/DC 202-331-9653

FAX: 1-202-785-1242

E-mail: sn_cdrom@scisvc.org Web: http://www.sciencenews.org

Specifications for PCs 386SX processor or higher • Microsoft® Windows 3.1 or higher in an enhanced mode with virtual memory (and DOS 4.1 or higher) • 2X speed CD-ROM drive with Microsoft® MSCDEX ver. 2.0 or higher • 8 MB RAM with 6 MB of free hard disk space • VGA monitor as minimum. Super VGA monitor with 800 x 600 resolution is preferred Specifications for Macintosh® System 7 or higher with Color Quickdraw is required • A Macintosh® compatible CD-ROM drive with Foreign File Access installed is required • 8 MB of RAM and 9.5 MB of hard disk space • A monitor with 256 color display and 640 x 480 or higher resolution Specifications for UNIX® UNIX® workstations running SunOS 4.1.x (also under Open Windows™ 3.0), SGI® running IRIX® 5.0.x • ISO-9660 compatible CD-ROM drive

SCIENCE NEWS ON CD 1719 N Street, NW, V	-ROM Washington, DC 20036	SciNewsCDS SciNewsCDN
□ enclosed is \$51.5 payable to SCIENC □ enclosed is \$41.5 to SCIENCE NEWS (i □ bill my Visa or M. □ \$41.50 subscribe	copy(ies) of Science N 0 — nonsubscriber's rate E News (includes postage a 0 — subscriber's rate — fo ncludes postage and handl asterCard □ \$51.50 nons r's rate, for each order.	— for each order ind handling) or each order payable ling) ubscriber's rate
Name		
Address		
City	State	Zip
Credit card #		
Signature		Exp. Date
Daytime phone		PROTCE
	(used only for problems with	order) BB297CD

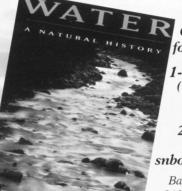
In 1987, Alice Outwater, an environmental engineer, joined the \$6 billion Boston Harbor cleanup project to monitor the chemical content of Boston Harbor's sludge. The sludge was smelly all right, but to her surprise it was largely free of industrial contaminants. Even more surprising, reports from wastewater treatment plants across the country disclosed similar findings.

Industry may no longer be the culprit, but 30 to 40 percent of our streams and lakes remain unswimmable and unfishable. To understand what was happening, Outwater took an unforgettable journey through a literature that begins 500 years ago. In doing so, she recoverd a lost knowledge—how the land cleans its own water.

Water takes us back to the wardrobe records of the kings of France and the diaries of the first Western explorers; it moves from the reservoir to the toilet, from the grasslands of the Midwest to the Everglades of Florida, through the guts of a wastewater treatment plant and out to the waterways again. Step-by-step we come to learn what should have been obvious from the beginning: A complex ecological system long kept water remarkably clean, but as we have randomly removed necessary components from it, we have simplified the system to the point where it can no longer do its job. While engineering can depollute water, only these interacting ecological systems can maintain healthy waterways.

At the heart of this story is a vision of the land with living streams that have defined edges, public lands with hundreds of millions of beaver-built wetlands, prairie dog towns that increase the amount of rainfall that percolates to the groundwater, and forests that feed their fallen trees to the sea. Water is the unforgettable story of the symbiosis that existed between water, the land from which it springs, and the life the two support together.

— from BasicBooks



Order by phone for faster service!

1-800-544-4565 (Visa or Master-Card Only)

In DC area: 202-331-9653 E-mail: snbooks@scisvc.org

BasicBooks, 1996 212 pages, 6¼"x 9½" hardcover, \$23.00

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

Please send me____copy(ies) of *Water.* I include a check payable to Science News Books for \$23.00 plus \$2.00 postage and handling (total \$25.00) for each copy. Domestic orders only.

Name____

Address _____

State ____Zip ____

How Many People Can

the Earth Support?

ast attempts to answer this question have ranged widely-from less than 1 billion to more than 1,000 billion—one sign that there is no single right answer. With the world population now at 5.7 billion, we have clearly entered a zone where limits on the carrying capacity of Earth may well be encountered.

In this penetrating analysis, a leading scholar in the field reviews the history of world population growth and gives a refreshingly frank appraisal of what little can be known about its future. In the process, he offers the most comprehensive account yet available of how various people have tried to estimate the planet's carrying capacity.

This book shows that the apparently simple question posed by its title is incomplete: How many people can the Earth support, given what kinds of economies and technologies? At what levels of material well-being? Living in what physical, chemical, and biological environments? And with what cultural values?

The answers to these questions, the author argues, will be determined not only by natural constraints, which are still not fully understood, but also by human choices. Such choicesabout everything from food and the environment to styles of NOW available life and other dearly held values—will, in turn, influence what natural constraints will matter.

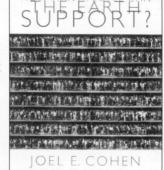
from W. W. Norton

Order by phone for faster service!

1-800-544-4565

(Visa or MasterCard only) In DC area:

202-331-9653 Fax: 202-785-1242 E-mail: snbooks@scisvc.org



W. W. Norton, 1996, 532 pages, 6" x 9", paperback, \$14.95

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

PeopleEarth

copy(ies) of How Many Please send People Can the Earth Support? 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.

Address	7 3837	
City	State	Zip



Everyone has one, but few of us can say we really know how our brains work. This is hardly surprising, given that the brain is the most complex system within the body, not only controlling our vital, everyday functions and physical actions but also giving us the capacity to be aware, feel emotions, and think. Each person's brain is essentially the same in makeup, yet operates in a unique way.

THE HUMAN MIND EXPLAINED explores every aspect of the mind in five chapters. "Surveying the Mind" explains what the brain is and how it has been perceived and studied through the ages; "Building the Brain" reveals what the brain is composed of and how it communicates with the body.

With the brain's anatomy established, "Inputs and Outputs" looks at how the brain works within its structure, how it coordinates the whole range of subconscious activities, and how it controls the senses. Going beyond the mechanical, "Far Horizons" examines our ability to communicate, analyze, think creatively, and dream. Finally, "States of Mind" explores consciousness-what makes the human mind unique among animals-and mental states, including fears and phobias, manic depression and schizophrenia, and their treatments.

Everyday analogies make complex systems easy to grasp; illuminating case histories highlight fascinating mental oddities and scientific discoveries; and the comprehensive cross-referencing system reveals how each individual topic relates to the subject as a whole.

N

HUMAN

Henry Holt & Co. 1996, 192 pages 10 1/5" x 101/2" hardcover, \$40.00

Recommended for age 11 and up.

Order by phone for faster service! 1-800-544-4565

(Visa or MasterCard Only) In DC area:

202-331-9653

E-mail: snbooks@scisvc.org

SCIENCE NEWS BOOKS 176,177		
1719 N Street, NW, Washington,	DC	20036

HumMindExplH

Please send me _____ copy(ies) of THE HUMAN MIND EXPLAINED.
I include a check payable to Science News Books for \$40.00 plus
\$2.00 postage and handling for each book (total \$42.00). Domestic

orders only.	To cach book (total \$42.00). Domesto
Name	
Address	
City	
State	Zip
Daytime Phone	



