

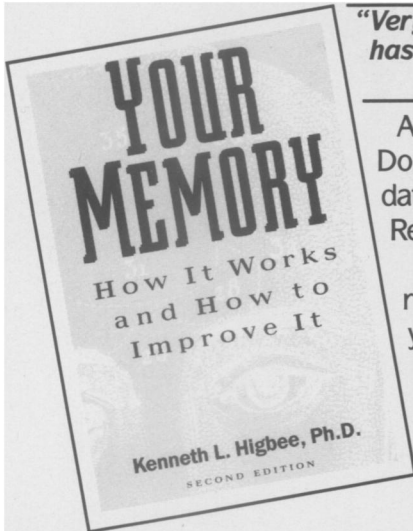
The Weekly Newsmagazine of Science

SCIENCE NEWS

August 28, 1993
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Pages 129-144



Stellar Entanglements



"Very probably the best book on the market . . . The author writes as one who has used and taught these techniques for years."

— Contemporary Psychology

A better memory is something everyone wishes for and could benefit from. Do you want to stop forgetting appointments, birthdays, and other important dates? Work more efficiently at your job? Study less and get better grades? Remember the names and faces of people you meet?

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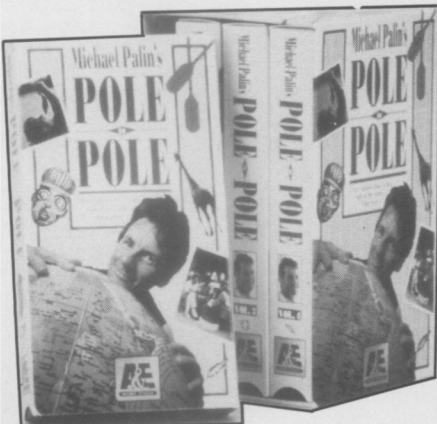
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to the ends of the
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Vol. 1—Palin is up to his neck in ice water and vodka in the land of the midnight sun.

Vol. 2—The heat is on in North Africa as Palin rides a desert train with 4,000 perspiring passengers.

Vol. 3—Danger lurks in the jungle where our hero faces lions, hippos, and a man with a chicken.

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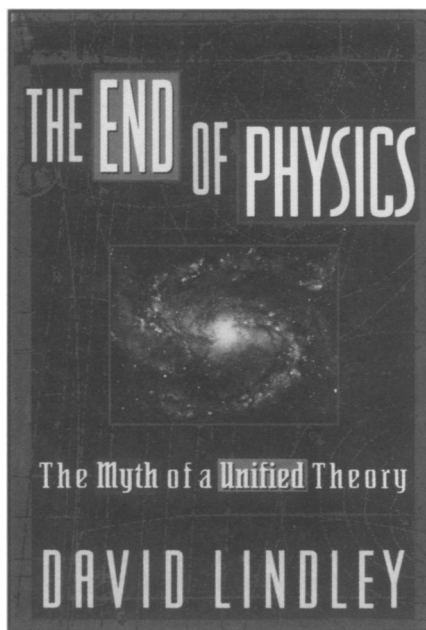
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RB1914

For more than a century physicists have hoped that they were closing in on the Holy Grail of modern science: a unifying theory that would make sense of the entire physical world. *The End of Physics* is a history of the attempts to find such a "theory of everything," a forceful argument that one will never be found, and a warning that the compromises necessary to produce a final theory may well undermine the rules of doing good science.

At the heart of Lindley's story is the rise of the particle physicists and their attempts to reach far out into the cosmos for a unifying theory. Working beyond the grasp of the largest telescopes or the most powerful particle accelerators, and unable to subject their findings and theories to experimental scrutiny, they have moved into a world governed entirely by mathematical and highly speculative theorizing.

In a fascinating narrative focusing on the history of ideas, Lindley examines the failure of the strictly mechanical view of nature embodied in classical physics and dis-



Basic Books, 1993, 275 pages,
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cusses why particle physicists have become obsessed with cosmology. Finally, he charges that if physicists yield to the temptation to create a theory of everything derived from untested — and untestable — assumptions, the field will retreat from the high ground of science, becoming instead a modern mythology. This would surely mean the end of physics as we know it. — from *Basic Books*

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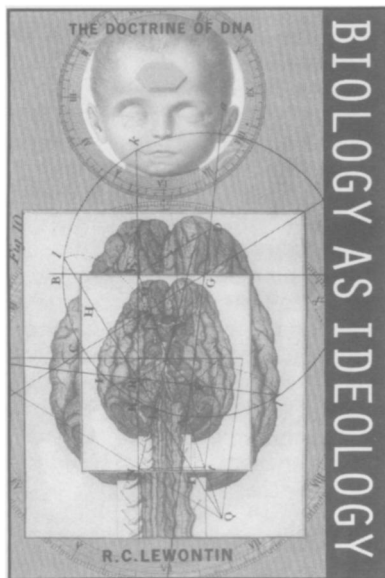
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Many people now believe that science is the religion of the twentieth century — that the authority of its clergy (scientists) is beyond question or challenge and that its rules and findings can indisputably explain the past and predict the future of human existence and of our individual behaviors. In this brief and extraordinarily eloquent work, R. C. Lewontin — one of the world's most prominent geneticists — takes a close and informed

look at this tidy and showmanlike packaging of science as the panacea to global problems, persuasively demonstrating how science (and scientists) is molded by society and how the dominant social and economic forces in society determine to a large extent what scientists do and how they do it. Science and society in fact exist symbiotically (hence the title of this book), and by admitting the shadings and limitations within science, he helps us rediscover both the richness of human nature and the real value of science.

— from *Harper Perennial*



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By
Robert P. Sharp
and
Allen F. Glazner

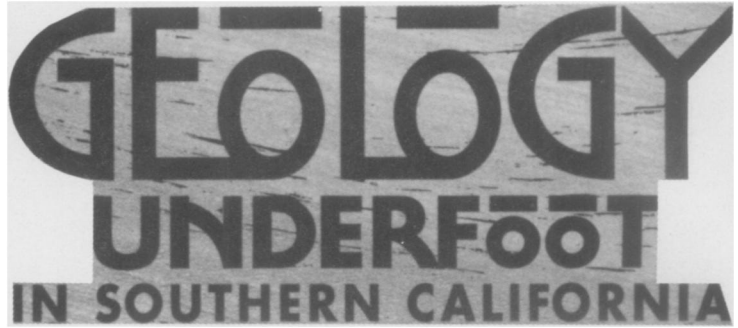
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Mountain Press Pub. Co.,
1993, 224 pages,
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Reading the rocks
like pages in a book,
*Geology Underfoot
in Southern California*
offers an inside
view of the south-
land's active and
sometimes enig-
matic landscape.

Twenty vignettes each weave a geologic story of a particular scene, relationship, or feature. Some spotlight well-known landmarks: Morro Rock and Red Rock Canyon. Others view matters of practical concern: San Onofre Nuclear Power Plant and Santa Barbara Harbor. Some sketches provide a glimpse of the earth's awesome forces: Blackhawk slide and the eruption of the Bishop tuff. Together, these snapshots introduce readers to southern California's rich, dynamic, even flamboyant geology.

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RB1910

A woman trapped within a general insensibility constantly searches for her body to prove to herself that she exists. Twenty hours of sleep mark another woman's passage between two wholly separate selves — one melancholic and eerily lethargic, the other buoyant, fearless, and dangerously independent of all human associations.

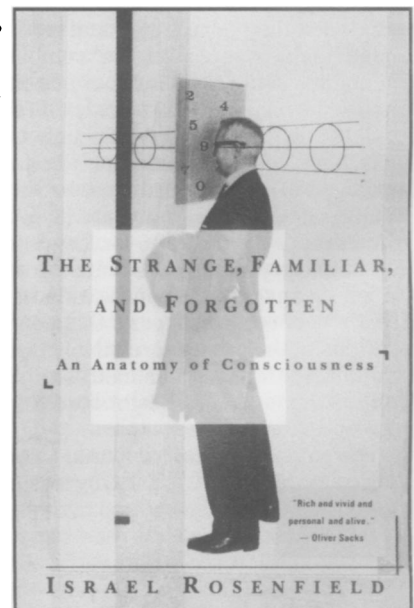
While psychologists and neurologists have long seen such famous case histories as evidence that the brain's functions — memory, thought, and language among them — are primarily unconscious and highly localized, Israel Rosenfield traces them to breakdowns in the fragile yet all-encompassing structure of consciousness. Combining

philosophical sweep with mastery of one hundred years of clinical studies, he shows how consciousness is a dynamic process, integrating past, present, and self to tell us not only who we are, but, more fundamentally, *that* we are.

In so doing, Rosenfield makes a fresh, persuasive, and vastly original contribution to the literature of the mind.

— from Vintage Books

Vintage Books, 1993, 157 pages, 5¼" x 8", paperback, \$10.00



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