NEWS & COMMENT
Space Scientists Get the Jitters 1296
Europeans Agree Not to Go It Alone
AIDS Clinical Trial to Go Ahead 1298
Violence Research: NRC Panel Provides a Blueprint
Reading, Writing, Arithmetic,... and Microbes?
 Genome Diversity Project: Anthropologists Climb (Gingerly) on Board
 A Few of the Chosen

RESEARCH NEWS
Getting It Together at the Synapse 1304
From ‘Hunter Magic,’ a Pharmacopeia?
Making Materials That Are Good to the Last Drop
Crash and Burn: Propagating New Massive Stars
Putting the Pedal to the Metal in a Controlled Chaotic Laser

DEPARTMENTS
THIS WEEK IN SCIENCE 1285
EDITORIAL 1287
LETTERS 1289
BOOK REVIEWS 1382
SCIENCESCOPE 1295

PERSPECTIVE
Antibodies Without Immunization 1313

ARTICLE
An Optimal Transition Path for Controlling Greenhouse Gases 1315
W. D. Nordhaus

RESEARCH ARTICLE
Functional Transcription Elongation Complexes from Synthetic RNA-DNA Bubble Duplexes 1320
S. S. Daube and P. H. von Hippel

REPORTS
Changes in State of Stress on the Southern San Andreas Fault Resulting from the California Earthquake Sequence of April to June 1992 1325
S. C. Jaume and L. R. Sykes

Change in Failure Stress on the Southern San Andreas Fault System Caused by the 1992 Magnitude = 7.4 Landers Earthquake 1328
R. S. Stein, G. C. P. King, J. Lin
Onychophorans (velvet worms), such as this undescribed Australian species, are voracious predators in temperate and tropical forests. Although morphological evidence has not resolved their evolutionary relationships, analyses of their 12S ribosomal RNA sequences suggest that onychophorans fall within the phylum Arthropoda (invertebrates with segmental legs) and are closely related to spiders and scorpions. See page 1345. [Photograph: R. W. Taylor]