

inet committee when it believes an exemption to the act should be granted on the basis of military need.

Most of the debate, in contrast, was on a higher plateau. Opponents and supporters earnestly bantered back and forth about whether or not damage to the environment by humans should be counted as part of the evolutionary process. The value to man of the lesser known of more than 2 million species and subspecies of animals and plants was considered. According to Stennis, endangered life forms "have their place, but there are other activities of our human family. The people have to make a living, to maintain an economy, to make money to pay taxes . . . that part of our life must go on, too." Senator Patrick Leahy (D-Vt.), among others, supplied the rejoinder: "Ultimately, we are the endangered species. *Homo sapiens* is perceived to stand at the top of the pyramid of life, but the pinnacle is a precarious station. We need a large measure of self-consciousness to constantly remind us of the commanding role which we enjoy only at the favor of the web of life that sustains us, that forms the foundation of our total environment. . . . We exist on this orbiting globe locked and joined with the environment. We share the planetary gene pool with that snail darter in the Little Tennessee River."

#### Conflicts May Lie Ahead

On 19 July, the day of the final vote, the latter sentiments prevailed. Moreover, they prevailed despite Senate awareness that nearly 2000 species and habitats may soon be added to the endangered list, and that even the present listing will bring to a head several intractable conflicts over development versus species protection in the next year.

On the other hand, the supposedly intractable conflict that sparked the debate—involving the Tellico Dam, built by the Tennessee Valley Authority (TVA)—now appears to be less than intractable. In the face of a Supreme Court injunction against further construction, David Freeman, a newly appointed TVA Commission chairman, recently told Congress that several alternative uses are available and under consideration for the land purchased for the water backup and surrounding area. Times and values have changed since 1939, when planning for the dam began, Freeman said, and no estimate of the project's costs and benefits has been prepared in the last decade. He promised a new estimate by August 10, one which would include the values of lost farmland and sites of historical importance.—R. JEFFREY SMITH

## APPOINTMENTS

**Leonard Laster**, dean, College of Medicine, Downstate Medical Center, State University of New York, to president, University of Oregon Health Sciences Center. . . . **Henry H. Bauer**, professor of chemistry, University of Kentucky, to dean, College of Arts and Sciences, Virginia Polytechnic Institute and State University. . . . **David Finkelstein**, professor of physics, Yeshiva University, to dean of sciences at the university. . . . **John D. Harries**, professor of anesthesiology, Eastern Virginia Medical School, to dean, Medical School, Mercer University. . . . **Gary W. Bogess**, associate professor of chemistry, Murray State University, to dean, College of Environmental Sciences at the university. . . . **Russell A. Primrose**, professor of chemical engineering, University of Houston, to dean, School of Engineering, University of Dayton. . . . **James N. Seiber**, associate professor of environmental toxicology, University of California, Davis, to chairman of the department. . . . **George P. Vennart**, acting chairman of pathology, Medical College of Virginia School of Medicine, Virginia Commonwealth University, to chairman of the department. . . . **James L. Kinsey**, acting head, chemistry department, Massachusetts Institute of Technology, to head of the department. . . . **Chris Quigg**, visiting scholar, University of Chicago, to head of theoretical physics, Fermi National Accelerator Laboratory. . . . **Robert J. Schultz**, associate professor of orthopedic surgery, Albert Einstein College of Medicine, to chairman of orthopedic surgery, New York Medical College. . . . **Samuel S. Stradling**, professor of chemistry, St. Lawrence University, to chairman of chemistry at the university. . . . **Larry N. Vanderhoef**, executive officer of biology programs, University of Illinois, Champaign-Urbana, to head of botany at the university. . . . **Clive L. Dym**, senior scientist, Bolt Beranek and Newman Inc., to head of civil engineering, University of Massachusetts, Amherst. . . . **Nicholas George**, professor of electrical engineering and applied physics, California Institute of Technology, to director, Institute of Optics, College of Engineering and Applied Science, University of Rochester. . . . **Albert Simon**, professor of mechanical and aerospace sciences, College of Engineering and Applied Science, University of Rochester, to chairman of mechanical and aerospace sciences at the university. . . . **Edmond E. Griffin**,

assistant professor of physiology, University of Texas Health Science Center, to chairman of biology, University of Central Arkansas. . . . **Daniel Offer**, acting chairman of psychiatry, Michael Reese Hospital and Medical Center, to chairman of psychiatry. . . . **Edward N. Lorenz**, professor of meteorology, Massachusetts Institute of Technology, to chairman of meteorology at M.I.T. . . . **David W. Hamilton**, associate professor of anatomy, Harvard University, to chairman of anatomy, University of Minnesota. . . . **Gergory A. Kimble**, professor of psychology, University of Colorado, to chairman of psychology, Duke University. . . . **Wesley S. Moore**, associate professor of surgery, University of California, San Francisco, to chairman of vascular surgery, University of Arizona. . . . **Charles E. Putnam**, associate professor of radiology and internal medicine, Yale University, to chairman of radiology, Duke University.

## RECENT DEATHS

**William K. Boardman, III**, 52; professor of psychology, University of Georgia; 22 January.

**L. Leo Campbell**, 83; former plant pathologist, Washington State University; 3 January.

**Kurt Godel**, 71; professor emeritus of mathematical logic, Institute for Advanced Study; 14 January.

**Emanuel J. Levin**, 64; professor of radiology, Downstate Medical Center, State University of New York; 20 January.

**Alvin Nason**, 58; professor of biology, Johns Hopkins University; 29 January.

**Armand J. Quick**, 83; former hematologist, Marquette University; 26 January.

**John H. Rietz**, 97; professor emeritus of veterinary science and animal pathology, West Virginia University; 15 January.

**Gertrude van Wagenen**, 84; former professor of obstetrics and gynecology, Yale University School of Medicine; 8 February.

**Phineas W. Whiting**, 90; geneticist and consultant, Oak Ridge National Laboratory; 9 February.

*Erratum:* In the report "The moon in Heiligen-schein" by R. L. Wildey [200, 1265 (1978)], Eq. 2 should read:

$$\Phi(g, i, \epsilon) = [\Phi_0(g)] \sum_{n=0}^9 a_n \left( \frac{\cos \epsilon}{\cos i} \right)^n$$

*Erratum:* In the 30 June issue of *Science*, p. 1466 Mark Ptashne was incorrectly identified as a member of the faculty of Harvard Medical School. Ptashne is professor of biochemistry and molecular biology at Harvard University.