

others.

Rupert Barneby was born October 6, 1911, in Monmouthshire, England. He attended Cambridge University where he received his B.A. in History and Modern Languages in 1932. He came to the United States in 1937 and established permanent residency in 1941. In 1978, he was awarded an honorary Doctorate of Science degree from The City University of New York. In accordance with his wishes, there was no funeral. The Garden held a memorial celebration in January.



Photo Courtesy Hunt Institute for Botanical Documentation with permission of the Trustees of the Royal Botanic Gardens, Kew

#### **Dr. Gamal El-Ghazaly, 1947-2001**

Gamal El-Ghazaly, Director of the Palynological Laboratory at the Swedish Museum of Natural History, Stockholm, died on 13 January 2001 in Stockholm following complications from an illness. He is survived by his wife Polixeni Kotzamanidou and their three sons, Amr, Tarek, and Sammy.

Professor El-Ghazaly was born on 17 June 1947 in Alexandria, Egypt. He graduated from the University of Alexandria, Egypt in 1969 with B.Sc. degrees in both Botany and Chemistry and then completed an M.Sc. in Palynology from the same University in 1974. His master's research focused on the paleopalynology of the Nubia Sandstone of the Kharga Oasis. He earned a Ph.D. in Palynology from Stockholm University, Sweden in 1979, where he conducted a comprehensive palynological investigation of Hypochoeridineae and Scolyminae (Asteraceae) under the direction of Siwert Nilsson. Upon completion of his doctorate, he joined the Faculty of Science at the University of Alexandria, Egypt. In 1982 he began an 18-month Postdoctoral Fellowship at the University of California, Berkeley where he studied pollen ontogeny in *Triticum* with William Jensen. After returning to the University of Alexandria, Egypt, he was promoted to Associate Professor. In 1984, he moved to the University of

Qatar, Qatar, where he was promoted to Professor of Palynology and appointed Head of the Botany Department. He also served as Director of the Herbarium, Head of the Electron Microscopy Unit, and Acting Dean of the Faculty of Science at the University of Qatar. In 1989, he was recruited to the Palynological Laboratory of the Swedish Museum of Natural History to serve as First Curator and, in 1998, was appointed Director of the "Pal Lab." While serving as First Curator, he also received a D.Sc. (Docent) in plant systematics from Stockholm University.

Dr. El-Ghazaly's research involved both basic and applied aspects of palynology, including studies of pollen wall development and histochemistry; pollen and tapetum ultrastructure; pollen morphology, systematics and phylogeny; and aeropalynology. In recent years, he focused much of his research on allergen localization. His work on tapetal orbicules of *Betula* and their allergenic effects added a new dimension in studying airborne allergens. Another important component of his recent research involved the improvement and development of techniques to answer palynological questions. In addition to his work with cytochemistry and immuno-labelling, he had been achieving excellent results using low temperature fixations for conventional microscopical applications, as well as cryo-scanning electron, atomic force, and scanning tunneling microscopy.

He was the author/co-author of more than 70 research articles and five books, including *Pollen Flora of Qatar* (1991) and *Medicinal and Poisonous Plants of Qatar* (1995), and he had recently co-edited *Plant Systematics for 21st Century* (2000).

Professor El-Ghazaly was an excellent teacher and mentor to his students. He taught a variety of Palynology, Aerobiology, and Botany courses at universities in Egypt, Greece, Qatar, Sweden, Italy, Cuba, Ecuador, and Kuwait. He had recently established a formal teaching collaboration between the Palynological Laboratory and Stockholm University and had developed an outreach Palynology course designed for beekeepers in Sweden. He had also completed a comprehensive collection of CD-ROMs covering Nordic plants and pollen. Each taxon included a color image of the plant, light and electron micrographs of its pollen, and a brief palynological description.

He was active in several national and international organizations and professional societies. At the time of his death he served as Editor-in-Chief of *Grana*, the "International Journal of Palynology and Aerobiology," as Editor of the monographic series *The World Pollen and Spore Flora*, and as Head of the Swedish Aeropalynological Council. In the latter role, he had recently proposed a major plan to unify the pollen reporting service for all of Sweden. The goal of the plan was to ensure

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that the countryside pollen service was maintained and improved into the future to help allergy sufferers.

Gamal was an incredibly vibrant person whose general optimism and overall love of life was evident to everyone with whom he interacted. He was a well-respected and influential palynologist, whose death is a significant loss to the fields of palynology and botany, as well as a personal loss felt deeply by all who knew him. I feel fortunate to have had the opportunity to work with Gamal and to know him. He was a good friend to many of us, and we shall miss him dearly.

— Jeffrey M. Osborn



Photo courtesy of Jeffrey M. Osborn

(Global Water Policy Project), Jane Lubchenco (Oregon State University), Paul Ehrlich (Stanford University), Kathryn Cottingham (Dartmouth College), Simon Levin (Princeton University), Nancy N. Rabalais (Louisiana University Marine Consortium), and Joy B. Zedler (University of Wisconsin). Panel sessions and workshops will cover topics in research, education, public policy, media relations, and public outreach. Meeting events will also include a Town Meeting on Teaching Evolution, hosted by AIBS in collaboration with the National Center for Science Education and the National Association of Biology Teachers. The session will focus on how U.S.-based educators can meet the challenges of teaching about evolution and keeping up-to-date with state-wide and nationwide events affecting science education. The importance of building grass-roots communication networks among educators and researchers will be discussed, and the new U.S.-wide AIBS evolution listserv network will be featured.

Attendance is limited to 350 so register early. To learn more, or to register online now and/or submit a poster abstract, go to <http://www.aibs.org/meeting2001/index.html>. For more information contact Sue Burk at 703/790-1745, ext. 14, e-mail [sburk@aibs.org](mailto:sburk@aibs.org)

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## Symposia, Conferences, Meetings

### From Biodiversity to Biocomplexity

#### 2001 AIBS Annual Meeting

Register Now for the 2001 AIBS Annual Meeting, „From Biodiversity to Biocomplexity“ Continuing a tradition established last year, the American Institute of Biological Sciences (AIBS) 2001 Annual Meeting, From Biodiversity to Biocomplexity: A Multidisciplinary Step Toward Understanding our Environment, will again bring together preeminent scientists to discuss themes on the forefront of biology. Set for 24-26 March 2001 at the Key Bridge Marriott in Arlington, Virginia (across the bridge from Georgetown, DC), the meeting will feature plenary sessions, workshops, panel discussions, and an array of poster presentations, exhibits, and field trips. Distinguished plenary speakers will include Rita Colwell (National Science Foundation), James H. Brown (University of New Mexico), Sandra Postel

### Second International Conference on Plants and Environmental Pollution

15-19 November, 2001  
Lucknow, India

The Second International Conference on Plants and Environmental Pollution will be held at the National Botanical Research Institute (NBRI), Lucknow, November 15-19, 2001. The Conference will be jointly organized by the International Society of Environmental Botanists (ISEB) and the NBRI. The NBRI is one of the most prestigious and internationally reputed multidisciplinary plant science research institutes of India, under the aegis of Council of Scientific and Industrial Research, Govt. of India. ISEB is also permanently based at NBRI.

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