

ROBERT CLIFTON DREWES

Curator

Department of Herpetology
California Academy of Sciences
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San Francisco, CA 94118
bdrewes@calacademy.org

EDUCATION:

B.A. (Biology) 1969 San Francisco State University
Ph.D. (Biology) 1981 University of California, Los Angeles

EMPLOYMENT HISTORY:

1970- date graduate student/senior technician advancing to Full Curator, Department
of Herpetology, California Academy of Sciences.
1969-70 Assistant Director, Nairobi Snake Park, Kenya
1969-71 Teaching Assistant; curator, vertebrate collection, San Francisco State
University
1967-68 Park Naturalist, San Mateo County Parks System (CA)

ADMINISTRATIVE:

1992-2002 Chair, Department of Herpetology, California Academy of Sciences
1989-91 Director, Division of Public Programs, California Academy of Sciences
1983-89 Chair, Department of Herpetology, California Academy of Sciences

RESEARCH INTERESTS:

- Evolutionary relationships of African ranoid frogs
- Comparative physiology of arid-adapted anurans
- Natural history and biogeography of the African herpetofauna
- African studies

SPECIAL TRAINING/EXPERIENCE:

- Military: veteran, 5th Special Forces Group (Airborne)
- Languages: fluent “upcountry” Kiswahili; working French, Spanish, German in descending order of proficiency
- SCUBA qualified
- Field work/travel: 59 foreign countries since 1966 (see appendices)

ACADEMIC AFFILIATIONS:

- Research Professor in Biology, San Francisco State University
- Affiliate Professor in Biology, University of Idaho
- Scientific Associate, Department of Zoology, British Museum of Natural History
- Research Associate, Zoology, University of the Western Cape (South Africa)
- Research Associate, Herpetology, National Museums of Kenya
- Fellow, California Academy of Sciences
- Fellow, Royal Geographical Society (London)

- Fellow, California Institute for International Studies (Stanford University)

PROFESSIONAL SOCIETIES:

- Society of Sigma Xi
- American Society of Ichthyologists and Herpetologists
- Herpetologists League
- Society for the Study of Reptiles and Amphibians
- Herpetological Association of Africa
- Bay Area Biosystematists
- Wildlife Conservation Society of Tanzania
- East African Natural History Society (Life Member)
- Oxford University Expedition Society (Honorary Life Member)

SERVICE:

- Board of Directors, San Francisco Zoological Society 1977-80; 1983-95
- Board of Directors, Marine World/Africa USA 1989- 1997
- Board of Directors, Rafiki/Friends Foundation, Hillsborough, CA 1994-2000/
- Trustee, Biodiversity Foundation for Africa, Zimbabwe 1992-date
- Member, Species Survival Commission, IUCN – 1990-date

STUDENTS

Stephen M. Reilly – MA – SFSU (thesis committee)
 Jens V. Vindum – MA – SFSU (thesis committee)
 Margaret Davies – PhD – U. Adelaide (external examiner)
 Jonothan Losos – PhD – UCB (orals committee)
 Elizabeth Dunbar – MA – SFSU (co-advisor)
 Mary Ellen Holden – PhD – UCB (orals committee)
 Wendy Roberts – PhD – UCB (thesis committee)
 Robert Sprackland – PhD U. Idaho (co-advisor)
 Michael Cherry – PhD --U. Capetown (external examiner)
 Mutugi Chira – MSc – U. Nairobi (external examiner)
 Mathias Behangana – MSc – Makerere U. (external examiner)
 Stephen Kigoolo – MSc—Makerere U. (external examiner)
 Charles Msuya – PhD-- U. Dar es Salaam (informal co-advisor)
 Heidi Robeck – MSc – SFSU (co-advisor)
 Lindsay Henwood Wilson – MSc -- SFSU (advisor)
 Abeda Dawood – PhD – U. Western Cape (external examiner)
 Ania M. Wiezcorek – PhD – U. Western Cape (co-advisor)
 Mathys J. Meyer – MA – Illinois State U. (thesis committee)
 Rachel M. Norris – PhD-- U. Adelaide (external examiner)
 Elizabeth Scott – PhD – U. Western Cape (external examiner)
 Ricka Stoelting – MSc – SFSU (advisor)
 Monica Johnson – MSc – SFSU (advisor)
 Meghan R. Bishop – MSc –SFSU (advisor)

GRANTS

1980 NSF IOB 80910953 AAS Physiology Symposium
1980 NSF DEB 8014250 Support for Collections
1986 NSF DEB 8601255 Computerization of Collections
1996 NSF DEB 9630908 Dept Facilities Upgrade
1997 NSF DEB 9708979 Replacement of Metal Tags
2001 NSF DBI 0132303 Anuran Lymph Model
2005. NSF DEB 9876766 Support for Tissue Collection
2003 NSF DBI 0133203 HerpNet Database
2009 NSF IOS 0843082 Tests of a Physical Model of Lymph Flow