

## Contributors



**Gary D. Bernard** is an Affiliate Professor of Electrical Engineering at the University of Washington, Seattle. He became involved in research on butterfly vision

in 1966 while an Assistant Professor of Electrical Engineering at MIT, collaborating with William H Miller of the Yale University Medical School. Together they discovered the optical basis for butterfly eyeshine. Bernard joined Miller at Yale in 1968 and developed optical methods for using eyeshine to measure what wavelengths of light butterflies can see. His work has shown that butterfly visual systems are very diverse and evolutionarily flexible.



**John Emmel** has studied butterflies since age 8, when he first started collecting and observing them in his native southern California. With co-authors Thomas Emmel and Sterling Mattoon, he is currently writing a

book on the butterfly fauna of California. He supports his addiction to rearing, photography, and conservation of butterflies by practicing dermatology in his spare time.

**Jeffrey Glassberg's** brief biographical sketch appears on page 59 of this issue.

**Kim Pegram** is a graduate student working in Ron Rutowski's lab at Arizona State

University. She currently studies the evolved design features of warning coloration using Pipevine Swallowtails. Kimberly graduated from the University of Mary Washington in Fredericksburg, VA where she did undergraduate research on Painted Ladies with Joella Killian. Also as an undergraduate, she carried out surveys of butterflies on Plummers Island with John W. Brown at the Smithsonian's National Museum of Natural History as part of their Research Training Program.



**Gordon Pratt** is currently an assistant specialist at the University of California at Riverside and runs a captive breeding program for federally endangered butterflies. He received his M.S. from Queen's University in Kingston Ontario (Canada) in Molecular Biology and his Ph.D. in Systematics and Plant/Insect interactions from the University of California at Riverside. His Ph.D. thesis was on the systematics of the *Euphilotes enoptes* and *Euphilotes battoides* complexes and that work resulted in several published papers about this complicated group of butterflies. After receiving his Ph.D., he was a postdoctoral fellow in the Entomology Department at the University of Delaware, where he studied sympatric speciation in treehoppers. Gordon is very interested in



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butterflies. He is an educator in Wautoma, Wisconsin and has been recording and documenting the butterflies that are found there for over 15 years. He also maintains a website on the Butterflies of Waushara County, Wisconsin.



**Ron Rutowski** has been a Professor of Biology at Arizona State University since 1976 and has authored over 80 publications that have helped keep butterflies in the mainstream of behavioral ecology. His research has focused on vision and visual signals in

butterflies especially in the context of mate choice and mate detection.

**Dick Vane-Wright's** brief biographical sketch appears on page 64 of this issue.



**Norman Winter** is Executive Director of NABA's National Butterfly Center. He received his bachelor's degree from Hardin-Simmons University in Abilene TX, and master's degree from Texas A&M University in College Station. Norman

served as Hidalgo County Extension Agent for Horticulture in 1980-81 before leaving to become the first Executive Director of

the Texas Pecan Growers Association that later included the National Pecan Marketing Council and from there to the American Rose Society. He also served for over 15 years as a Horticulture Specialist with Mississippi State University Extension Service where he was coordinator for the Mississippi Medallion Award program, promoting outstanding plants for the state. His award winning Southern Gardening television news segment was seen weekly not only across the state of Mississippi but nationally on RFD-TV. He is currently a syndicated columnist with Knight-Ridder Tribune, now McClatchy Tribune, where his columns are read nationwide from coast to coast and north to south, from Anchorage AK to Bradenton, FL.

**Harry Zirlin's** fascination with butterflies and other insects dates to his early childhood. He travels extensively in the United States, studying and photographing butterflies. He supports this passion by working as an attorney in the environmental area at the New York law firm of Debevoise & Plimpton.



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