

JOURNAL

OF THE PENNSYLVANIA ACADEMY OF SCIENCE



ISSN: 1044-6753

February 2000
Volume 73, Number 3

Shyamal K. Majumdar, Ph.D.
Editor
Department of Biology
Lafayette College
Easton, PA 18042-1778

Founded on April 18, 1924

Contents

Journal Information	86
BIOLOGY: Allozyme Analysis of Dusky Salamanders (<i>Desmognathus</i>) in Northeastern Pennsylvania Ronald M. Bonett, Thomas C. LaDuke, Stephen G. Tilley and Tracy Whitford	87
BIOLOGY: Remediation of Septic Discharge in a Wetland System: A Case Study Fred J. Brenner	92
BIOLOGY: The Effects of Urban Runoff from a Detention Pond on the Macroinvertebrate Community of a Headwater Stream in Central Pennsylvania David A. Lieb and Robert F. Carline	99
BIOLOGY: An Inventory of Amphibians and Reptiles of French Creek, Erie County, Pennsylvania Through Diurnal Opportunistic Collecting Donald M. McKinstry, Harry N. Cunningham, Jr., Mark A. Lethaby and Terry A. ShROUT	106
BIOLOGY: Early Ovule Development, Megasporogenesis, and Megagametogenesis in Rapid Cycling <i>Brassica nigra</i> (L) Koch B.B. Smith and M.M. Virden	113
BIOLOGY: Incidence of Arbuscular Mycorrhizae and Their Effect on Certain Species of Trees Kamal Prasad and J.J. Deploey	117
REVIEWER S FOR VOLUME 73	123
PAS HOME PAGE	124