

ENTOMOLOGY

R.A. Cloyd, C.R. Edwards, and L.W. Bledsoe. TRICHOME DENSITY DIFFERENCES AND BEAN LEAF BEETLE, *CEROTOMA TRIFURCATA* (FORSTER), FEEDING BEHAVIOR ON SOYBEAN PODS 85

ENVIRONMENTAL QUALITY

J. Pichtel, A. Covey, and K. Lukscay. REMOVAL OF LEAD AND CHROMIUM FROM CONTAMINATED SOIL: COLUMN STUDIES 95

GEOLOGY AND GEOGRAPHY

J.B. Droste and A.S. Horowitz. DISTRIBUTION OF LIMESTONE IN THE BRAZIL FORMATION (PENNSYLVANIAN) IN THE SUBSURFACE OF SOUTHWESTERN INDIANA AND WESTERN KENTUCKY105

HISTORY OF SCIENCE

H.G. Day. HERMAN T. BRISCOE (1893-1960): A SUPERIOR ROLE MODEL IN CHEMICAL EDUCATION AND ACADEMIC ADMINISTRATION 113

SOIL AND ATMOSPHERIC SCIENCES

E.M. Ossom, C.U. Ethothi, and C.L. Rhykerd. INFLUENCE OF K FERTILIZER LEVELS AND PLANT DENSITY ON THE YIELD AND MINERAL CONTENT OF THE LEAVES AND VINES OF THE FLUTED PUMPKIN, *TELFAIRIA OCCIDENTALIS* HOOK.135

ZOOLOGY

J.H. Bandoli. FACTORS INFLUENCING REPRODUCTIVE SUCCESS IN MALE SPOTTAIL DARTERS (*ETHEOSTOMA SQUAMICEPS*, PISCES, PERCIDAE)145

**PROCEEDINGS OF THE
INDIANA ACADEMY OF SCIENCE**

Volume 106, No. 1-2 (1997)

CONTENTS

BOTANY

R.M. Crandall and R.W. Dolan. FLORISTIC INVESTIGATION
OF CROOKED CREEK COMMUNITY JUAN
SOLOMON PARK, INDIANAPOLIS, INDIANA 1

R.D. Hyerczyk. THE LICHEN FLORA OF HOOSIER PRAIRIE
STATE NATURE PRESERVE 25

CELL BIOLOGY

D. Polley. GENETIC EVIDENCE FOR TWO POTASSIUM
TRANSPORT SYSTEMS IN THE GREEN ALGA,
CHLAMYDOMONAS REINHARDTII 33

ECOLOGY

S.E. Brown and G.R. Parker. IMPACT OF WHITE-TAILED
DEER ON FOREST COMMUNITIES WITHIN
BROWN COUNTY STATE PARK, INDIANA 39

T.P. Simon, R.N. Jankowski, and C. Morris. PHYSICAL AND
CHEMICAL LIMNOLOGY OF FOUR NATURAL LAKES
LOCATED WITHIN THE INDIANA DUNES NATIONAL
LAKESHORE, NORTHWESTERN INDIANA 53

R.A. Weiss. TRENDS IN INDIANA HOUSE FINCH COUNTS:
A COMPARISON OF INDIANA AUDUBON SOCIETY
MAY, SUMMER, AND CHRISTMAS BIRDCOUNTS,
1980-1995 67

J.O. Whitaker, Jr., R. McKenzie, M. Rakow, B. Leibacher, and
P. Leibacher. SEASONAL FLIGHT COUNTS IN THREE
BIG BROWN BAT (*EPTESICUS FUSCUS*) COLONIES 79