

VITAE

OF

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Education:

Cornell University - B. S., December 1972
Virginia Polytechnic Institute and State University - Ph.D., June 1975

Doctoral Dissertation:

The influence of temperature on the distribution, community structure and condition of fish of the New River, Glen Lyn, Virginia.

Positions Held:

Ichthyological Associates, Lancaster, Pennsylvania
Junior laboratory and field biologist, June - September 1968
Ichthyological Associates, Lancaster, Pennsylvania
Field biologist in charge of collection, identification of seine collections and larval fish, June - September 1969
Ichthyological Associates, Lancaster, Pennsylvania
Biologist - larval fish collection, seine collections, age and growth studies on Muddy Run Pumped Storage Reservoir, May - September; December - January 1970
Ichthyological Associates, Lancaster, Pennsylvania
Biologist - seine and larval fish collections, population studies on Muddy Run Pumped Storage Reservoir, May - September; December - January 1971
Cornell University, Ithaca, New York
Laboratory assistant - identification of rotifers and zooplankton, January - May 1972

Ichthyological Associates, Lancaster, Pennsylvania
 Biologist in charge of Laboratory - sorting and identification of all fish;
 curator of museum specimens; population studies on Muddy Run Pumped
 Storage Reservoir, May - September 1972

Virginia Polytechnic Institute and State University, Blacksburg, Virginia
 Graduate Research Assistant, January 1973 - May 1975
 Lab instructor in vertebrate natural history, September - December 1973;
 September - December 1974

Appalachian Environmental Laboratory, Center for Environmental and
 Estuarine Studies, University of Maryland
 Assistant Professor, April 1975 - 1980
 Associate Professor, July 1980 - June 1984

The Pennsylvania State University, School of Forest Resources
 Associate Professor Fishery Science, July 1984 - June 1988
 Professor of Ichthyology, July 1988 – December 2005
 Distinguished Professor of Ichthyology January, 2006 - present

Graduate Faculty:

University of Maryland, Fall 1978
 Elected regular member of Graduate Faculty
 The Pennsylvania State University, 1984

Adjunct Faculty:

Appalachian Environmental Laboratory, University of Maryland
 Chancellor College, University of Malawi

Services:

Professional Affiliations

Association of Southeastern Biologists
 American Fisheries Society
 American Association of the Advancement of Science
 Sigma Xi
 Pennsylvania Academy of Sciences
 American Society of Ichthyologists and Herpetologists
 Ecological Society of America
 Potomac River Basin Commission
 Society of Systematic Zoologists
 American Institute of Biological Sciences
 American Society of Naturalists

Courses Taught:

Course Number	Title	Credit Hours	Years Taught
Biol. 627 FSC/AEL	Advanced Ichthyology	3	8
ERT 283 GCC	Fisheries Biology & Mgt.	3	4
ERT 180 GCC	Population Ecology & Mgt.	3	7
Biol. 693 FSC/AEL	Ind. Study-Fish Embryology	3	1
Biol. 692 FSC/AEL	Ind. Study-Evolution & Systematics	3	1
Biol. 693 FSC/AEL	Ind. Study-Crayfish Behavior in Relation-Temperature		1
Biol. 626 FSC/AEL	Fish Biology and Behavior	3	2
WFS 452 & WFS 453	Ichthyology	4	25
WFS 552	Systematics and Evolution of Fishes	3	10
WFS 422	Ecology of Fishes	3	13
Ent/Bio/WSF 542	Systematics	3	10
WFS 300 & 301	The Vertebrates	4	6

Awards:

Phi Sigma Award. 1974. For outstanding graduate research in the biological sciences at VPI & SU.

Sigma Xi Research Award, 1974. For outstanding graduate students and promoting scholarly achievement.

Certified as Professional Fisheries Biologist by American Fisheries Society.

Member, American Institute of Fishery Research Biologists.

Fulbright Research Scholar 1990-1991 to Malawi, Africa

Fulbright Research Scholar 1995 to Malawi, Africa

Referee:

American Midland Naturalist

Bio Science

Chesapeake Science

Transactions of American Fisheries Society

Pennsylvania Academy of Science

Virginia Journal of Science

American Society for Testing and Materials

Water Resources Bulletin

Hydrobiologia

National Science Foundation

Ecology

Copeia

Biology Letters
 Fisheries
 Canadian Journal of Zoology
 American Naturalist

Editor and Session Chairman:

Symposium on Surface Mining and Fish/Wildlife Needs in Eastern United States. Sponsored by USFWS and W. Va. Univ., Morgantown, W. Va. 1979

Special Session of 1980 National Meeting of American Fish. Soc.: Biomonitoring of Fish. Louisville, Ky.

Aquatic Ecology Section of Association of Southeastern Biologist. 1980. Tampa, Florida.

Distribution Biology and Management of Exotic Fishes. American Fisheries Society 1981. Albuquerque, NM.

Chair, Program Committee for American Society of Ichthyologists and Herpetologists Annual Meeting at Penn State, June 1999.

Chair, Program Committee for American Society of Ichthyologists and Herpetologists Annual Meeting at Penn State, June 2001.

Contracts and Grants:

Principal or Co-principal Investigator on Following Grants and Contracts:

Analysis and evaluation of acceptable temperature limitations for fishes in the Middle Atlantic States.

Mid-Atlantic Power Consortium

9/1/76-10/31/78

\$64,000

Studies of fishes of Monongahela National Forest U. S. Dept. of Ag./U.S. Forest Service.

9/22/76-12/31/77

\$4,000

Survey of fishes and macroinvertebrates of Youghiogheny River

3/1/77-4/81

Maryland Department of Nat. Resources

\$75,061.28

Study program-evaluate the effects of impingement and entrainment of the Glen Lyn Power Station on the larval fish of the New River, Virginia.

American Electric Power Company

3/15/76-3/14/77

\$14,841

Temperature preference and avoidance studies of fishes

P. H. Glatfelter

11/1/75-9/30/77

\$7,490.30

Fish and crab behavior in the vicinity of cooling water intake and discharge structures.

DNR, PPSP

9/1/76-1/31/78

\$50,967

Gauley River Study

U.S., FWS

4/9/76-12/1/76

\$6,985

Blue Ridge Study

VPI & SU

7/1/75-10/1/75

\$4,000

Deep Creek Lake Smelt Project

DNR, FA

1/1/76-5/31/76

\$4,000

Big River Missouri Study

Dresser Industries

9/15/75-3/14/76; 3/16/76-3/15/77

\$17,389

\$20,919

Aquatic Biological Survey of New River, W. VA.

U.S. Fish and Wildlife Service

4/23/79-12/31/79

\$20,000

Identification of Larval Fish From Monongahela River

Stearns-Roger, Inc.
4/1/79-9/1/79
\$8,260.60

Development of Methodology for Determining Distribution and
Status of the Hellbender
Maryland DNR
3/15/79-9/15/79
\$11,828

Survey of Hellbenders in Maryland
Maryland DNR
9/15/79-12/31/81
\$62,231

Survey of the Fishes and Macroinvertebrates of the Potomac River
Maryland Coastal Zone Administration
6/1/79-6/1/80
\$48,870

Taxonomic Status of "*Rhinichthys bowersi*"
U. S. Forest Service
6/1/80-6/1/81
\$39,000

Temperature tolerance and preference of two species of *Tilapia*
at varying salinities.
9/1/81-8/31/82
\$16,854

Water quality sampling program of the Youghiogheny - Little
Youghiogheny Rivers
8/17/81-10/9/81
\$19,581

Effects of Light on preference and avoidance responses of three
estuarine fishes
Potomac Edison Power Company
\$75,000

Radiotelemetry Study of Hellbenders
3/1/82-10/1/82
\$11,346

Assessment of the Aquatic Fauna of the North Branch Potomac River

Army Corps of Engineers
6/1/82-10/15/82
\$7,000

Assessment of the Aquatic Fauna of the Tioga/Hammond Watersheds
Army Corps of Engineers
7/1/82-12/1/82
\$7,000

Effects of light on preference and avoidance responses of sea turtles
Florida Power and Light
11/1/82-11/1/83
\$89,000

Assessment of the Aquatic Fauna of the North Branch Potomac River
and Tioga/Hammond Watersheds
Army Corps of Engineers
5/1/83-12/1/83
\$23,527

Fishes of West Virginia. Part I (5 year renewable contract)
West Virginia Department of Natural Resources
7/1/83-6/30/84
\$12,794

Habitat Evaluation procedures for Cowanesque Lake
Army Corps of Engineers
1/4/84-11/30/84
\$7,510

Tioga-Hammond/Cowanesque and Bloomington/Savage Biological Surveys
Army Corps of Engineers
6/1/84-6/30/85
\$23,378

Chronic Toxicity of the University Area Joint Authority Effluent
on Brown Trout
University Area Joint Authority
11/1/84-7/31/86
\$45,770

Evaluation of Aquatic and Terrestrial Fauna on the Mill Creek Site
Environmental Protection Agency/US Fish and Wildlife Service
11/1/84-4/30/85
\$22,192

Evaluation of Run-off from a Hazardous and Toxic Waste Landfill
on the Fishes and Macrobenthos of the Upper Delaware River
National Park Service
9/1/84-12/30/85
\$23,191

Fishes of West Virginia. Part II (5 year renewable contract)
West Virginia Department of Natural Resources
7/1/84-6/30/85
\$14,045

Evaluation of Non-game Fishes from the Ohio River Drainage in
Pennsylvania
Wild Resources Conservation Board/PA. Fish Comm.
1/1/85-12/30/86
\$47,072

Relationships Among Contaminants in Fish and Wildlife and Hazardous
Waste Sites at the Bald Eagle Creek Site in Lock Haven, PA
U. S. Fish and Wildlife Service
9/25/85-9/25/86
\$2,982

Status of the Cheat Minnow *Rhinichthys bowersi* in the Monongahela River
Drainage
U. S. Fish and Wildlife Service
6/1/85-12/31/86
\$5,518

Survey-locate additional populations of the endangered Maryland Darter
(*Etheostoma sellare*)
U. S. Fish and Wildlife Service
7/1/85-12/31/86
\$12,977

Fishes of West Virginia Part III (5 year renewable contract)
West Virginia Department of Natural Resources
7/1/85-6/30/86
\$15,146

Fishes of West Virginia Part IV (5 year renewable contract)
West Virginia Department of Natural Resources
7/1/86-6/30/87
\$16,378

Evaluation of Run-off from a Hazardous and Toxic Waste Landfill on the Fishes and Macroinvertebrates of the Upper Delaware River.

Cost extension National Park Service

3/1/86-3/15/87

\$13,252

3/15/87-10/15/87

\$3,311

Effects of Flood Damage and Channelization on Recolonization in a West Virginia Trout Stream

U. S. Fish and Wildlife Service

7/1/86-6/30/87

\$23,000

Thermal Tolerance of the Blue Tilapia, *Oreochromis aureas* in the Susquehanna River, Pennsylvania

Pennsylvania Power and Light

11/1/86-6/30/87

\$15,950

Biological Control of the Human Disease Bilharziasis (Schistosomiasis) by Lake Malawi Molluscivores. USAID

10/1/85-9/30/89

United States Agency for International Development

\$139,166

Evaluation of Non-game Fishes from Eastern Pennsylvania

Wild Resources Conservation Board

1/1/87-6/30/89

\$55,988

Increasing the Production Efficiency of Atlantic Salmon Aquaculture Systems

U. S. Fish and Wildlife Service

9/1/86-12/31/87

\$9,173

Mate Choice, and the Behavioral Significance of Nest Form Among Cichlid Fishes of Lake Malawi, Africa.

National Science Foundation

10/1/86-9/30/89

\$197,513

Fishes of West Virginia - Part V (6 year renewable contract)

West Virginia Department of Natural Resources

7/1/86-6/30/87

\$18,007

Effects of Flood Damage and Channelization on Recolonization in
West Virginia Trout Stream

U. S. Fish and Wildlife Service

7/1/86-12/31/89

\$46,676

Biological Survey and Management Plan for the Valley Creek Drainage
Basin, Valley Forge National Park

National Park Service

7/1/87-6/30/88

\$24,891

Life Histories of Eight Species of Fishes from the Allegheny River System,
Pennsylvania

Wild Resources Conservation Board

1/1/88-12/31/90

\$79,226

Identification of Macroinvertebrate Samples Collected by the
National Park Service

National Park Service

10/29/88-6/30/93

\$37,282

Factors Influencing Biotic Diversity of Streams in the Upper Allegheny
River System.

Wild Resources Conservation Board

1/1/90-12/30/93

\$159,576

Prediction of Resistance and Resilience in Stream Ecosystems

National Park Service

5/1/90 - 4/30/93

\$61,032

Identification of Commercially Important Fishes of Lake Malawi

United States Agency for International Development

11/1/90 - 9/30/93

\$149,235

Determination of Biodiversity in Complex Ecosystems

United States Agency for International Development

8/2/91-8/1/95

\$149,969

Toxicological Evaluation of Upper Spring Creek, Centre County
 Pennsylvania
 SMC Environmental Services
 9/1/90-6/30/91
 \$18,466

The Distribution, Population Status, and Ecology of *Etheostoma
 maculatum* in upper French Creek, New York
 New York Nature Conservancy
 5/15/91-12/31/92
 \$10,000

JVSD Tilapia Aquaculture
 Iceland Seafood
 10/23/90-8/31/91
 \$11,792

Ben Franklin Match of Iceland Seafood
 Ben Franklin Foundation
 10/23/90-8/31/91
 \$8,000

Endangered Fisheries Investigation: Darter Biology.
 New York State Department of Environmental Conservation.
 4/1/92-3/31/95.
 \$27,660

The effect of environmental and processing procedures on the consumer
 acceptability of tilapia from an aquaculture closed system.
 Pennsylvania Department of Agriculture.
 7/1/92-6/30/95.
 \$128,106

Effects of Introduced Species on the Distribution, Ecology, and Biology of
 Indigenous Fishes.
 U.S. Fish and Wildlife Service.
 4/1/93-3/31/98
 \$268,572

Mid-Appalachian Indicator Development and Stream Surveys
 Environmental Protection Agency.
 6/1/93-5/31/96
 \$147,011

Compilation of Biological Data of National Park Units.
National Park Service.
9/30/93 - 9/29/94
\$14,999

Anthropogenic and Natural Influences on Fish Patterns in Pennsylvania
National Biological Survey (USDI)
04/01/95 - 12/30/96
\$79,641

Reproductive Biology of Fishes in the Upper Delaware River
National Biological Survey (USDI)
04/01/95 - 12/30/96
\$20,000

Status of Indigenous Lampreys in Pennsylvania
Wild Resources Conservation Fund
01/15/95 - 06/30/97
\$102,825

In situ Video of Pennsylvania's Freshwater Fish Fauna
Wild Resources Conservation Fund
04/15/96 - 06/30/98
\$35,000

Assessment of the Effects of Limestone Quarrying on the Biota of
Pennsylvania Streams
Penns Valley Conservation Association
04/15/97 - 04/14/98
\$22,000

Pennsylvania Species of Concern – Fish species Reference Book
Pennsylvania Department of Transportation
6/21/99-6/20/00
\$50,000 (year 1 of 5 year project)

Research Plan for Habeeb Lake in Rocky Gap State Park
University of Maryland/Maryland Department of Juvenile Justice
9/1/98-8/31/99
\$59,581

Fish Identification Training Course
Department of Environmental Protection
4/15/99-12/31/99
\$39,632

Effect of Mountain Top Mining on Fish Distribution

USFWS
09/01/98-06/30/01
\$192,000

Marshalls Creek Shiner Study

USDI – USGS
8/15/99 – 8/14/03
\$230,298

Using Fish-Control Schistosomiasis in Lake Malawi, Africa

Conservation, Food and Health Foundation
4/12/00 – 12/30/01
\$16,190

Pennsylvania Species of Concern

Pennsylvania Department of Transportation
9/15/00-9/14/01
\$58,000 (year 2 of 5 year project)

Fishes of Pennsylvania

USFWS
09/15/00-09/14/04
\$339,000

Historical Records for NE National Parks

National Park Service
09/01/00-08/31/01
\$33,000

Etheostoma exile: 1) Current Distribution and 2) Breeding Protocol

Sea Grant
09/01/00-06/30/01
\$9,400

Presque Isle Toxicants: A Possible Cause of Asymmetry in *Fundulus diaphanus*

Sea Grant
09/01/00-06/30/01
\$7,600

Diet, Habitat Preference, and Reproductive Strategies of the Round Goby (*Neogobius melanostomus*) in Presque Isle Bay, Pennsylvania

Sea Grant
09/01/00-06/30/01

\$5,000

Etheostoma exile: 1) Current Distribution and 2) Breeding Protocol

Sea Grant. Renewal

09/01/01-06/30/02

\$9,400

Presque Isle Toxicants: A Possible Cause of Asymmetry in *Fundulus diaphanus*

Sea Grant. Renewal

09/01/01-06/30/02

\$7,600

Diet, Habitat Preference, and Reproductive Strategies of the Round Goby (*Neogobius melanostomus*) in Presque Isle Bay, Pennsylvania

Sea Grant. Renewal

09/01/01-06/30/02

\$5,000

Characterization of Stream Fish Assemblages in Selected Regions of Mountain Top Removal/Valley Fill Coal Mining

U.S. Environmental Protection Agency

05/1/01-04/30/02

\$61,754

Amendment-Fishes of PA

PennDot

5/14/01-6/30/01

\$21,307

Trout Feed Evaluation Integrating Waste-Treatment Criteria: Significance and Opportunity

Zeigler Bros., Inc.

6/13/01 – 6/30/03

\$42,072

Restoration of Iron Color and Bridle Shiners

Bureau of Wildlife Management; Pennsylvania Game Commission

10/1/01 – 9/30/03

\$141,221

Fishes of Pennsylvania: Creation of Fish Distribution Database Compatible With Other GIS Data Layers Work Order No. 1

Pennsylvania Department of Transportation

8/15/01 – 6/30/01

\$56,708

Marshall's Creek Shiner Project
 Pennsylvania Department of Transportation
 12/1/01 – 4/30/06
 \$342,767

Fishes of Pennsylvania: Creation of Fish Distribution Database Year 2 of
 Work Order No. 1
 Pennsylvania Department of Transportation
 7/18/02 – 7/19/03
 \$61,024

Survey of Inland Populations of Burbot (*Lota lota*) in Pennsylvania
 Year 1
 1/1/02 – 12/30/02
 Wild Resources Conservation Fund
 \$50,000

Investigate the Diet, Habitat Preference and Reproductive Strategies of the
 Round Goby (*Neogobius melanostomus*) in Presque Isle Bay, Pennsylvania.
 1/1/03 – 12/30/2003
 Coastal Zone Management
 \$5000

Round Goby Impacts on Pennsylvania's Coastal Aquatic Resources; Erie
 County Conservation District;
 10/1/01 – 3/31/03;
 Coastal Zone Management
 \$28,993

Status of *Percina copelandi* in the Lake Erie Drainage
 4/1/03 – 3/31/04
 Coastal Zone Management
 \$10,712

Survey of Inland Populations of Burbot (*Lota lota*) in Pennsylvania
 Year 2
 1/1/03 – 12/30/05
 Wild Resources Conservation Fund
 \$58,875

Schistosomiasis: Ecological Interactions Among Schistosomes Snail Hosts,
 Human Hosts, & Fish Predators
 Ecology of Infectious Diseases, Joint Program NIH/NSF
 9/15/02 – 9/14/07
 \$1,631,000

Non-native Trout Effects of Native PA Fishes and Associated Food Webs
 PA Department of Conservation & Natural Resources
 11/12/03 – 06/30/05
 \$35,510

Proper Diet Selection for Maximizing Gain and Profitability While
 Minimizing Nutrient Loading
 Zeigler Brothers, Inc. (subcontract under PDA)
 01/01/04 – 06/30/04
 \$25,886

Non-native Trout Effects of Native PA Fishes and Associated Food Webs –
 Year 2.
 PA Department of Conservation & Natural Resources
 11/12/04 – 06/30/06
 \$20,000

Biological and Chemical Surveys of Habitats Harboring Floral and Faunal
 Species of Special Concern
 Pennsylvania Department of Transportation
 7/1/06-6/30/11
 \$536,219

Non-native Trout Effects of Native PA Fishes and Associated Food Webs –
 Year 3.
 PA Department of Conservation & Natural Resources
 4/12/06– 06/30/07
 \$16,777.00

Ichthyological survey of the navigational channels and deepwater habitats of
 the Ohio, Allegheny, and Monongahela rivers.
 PA Department of Conservation and Natural Resources.
 10/21/05-6/30/07
 \$45,302.00

Collection of fishes of special concern in Pennsylvania
 Carnegie Institute
 3/15/06-11/30/06
 20,000

Ichthyological Survey of the Deep Waters of the Allegheny, Monongahela,
 and Ohio rivers
 State Wildlife Grants
 1/1/01/07-6/30/08
 \$99,000

Ichthyological Survey of the Deep Waters of the Allegheny, Monongahela,
and Ohio rivers – Year 2.

State Wildlife Grants

2/15/08-12/31/08

\$105,000.00

Ichthyological survey of the navigational channels and deepwater habitats of
the Ohio, Allegheny, and Monongahela rivers. Year 2

PA Department of Conservation and Natural Resources.

2/15/07-12/31/07

\$36,000

Does phenotypic plasticity in Cichlids confer an advantage over native
sunfishes?

USGS

8/1/07-7/31/08

\$9,434

A catalog of fishes in the Penn State University Fish Museum

Pennsylvania Fish and Boat Commission

7/1/07-6/30/12

\$6,000

Collection of Atlantic Slope Fishes for Pennsylvania's fish development and
metrics verification

Pennsylvania Fish and Boat Commission

7/1/07-8/31/09

\$151,536

Upper Ohio River Larval and Young-of-Year Survey

Army Corps of Engineers

8/1/08-2/28/10

\$237,240

Status and Distribution of Pennsylvania Fishes with special Emphasis on
Lampreys

Wild Resource Conservation Program, DCNR

1/1/09-12/30/2010

\$20,345

Ichthyological Survey of the Deep Waters of the Allegheny, Monongahela,
and Ohio rivers

State Wildlife Grants

1/1/01/08-6/30/10

\$105,965

Advisory Commissions:

- Member, Pennsylvania Advisory Commission on Rare and Endangered Fishes.
- Member, West Virginia Advisory Commission on Rare and Endangered Fishes.
- Potomac River Basin Commission.

BOOKS, SYMPOSIA AND MONOGRAPHS

1. Stauffer, J. R., Jr., K. L. Dickson, J. Cairns, Jr., and D. S. Cherry. 1976. The potential and realized influences of temperature on the distribution of fishes in the New River, Glen Lyn, Virginia. *Wildlife Monographs* 50:1-40.
2. Harman, D. M., M. L. Brown, and J. R. Stauffer, Jr. 1977. Plant succession following various forestry practices in western Maryland. *Publications in Forest Ecology*, No. 1, Maryland Forest Service, 41 pp.
3. Samuel, D. E., J. R. Stauffer, Jr., C. H. Hocutt, and W. T. Mason (eds.). 1978. *Surface Mining and Fish/Wildlife Needs in the Eastern United States*. U.S. Dept. of Interior. FWS/OBS-78/81. 386 pp.
4. Hocutt, C. H., J. R. Stauffer, Jr., J. E. Edinger, L. W. Hall, and R. P. Morgan (eds.). 1980. *Power Plants: Effects on Fish and Shellfish Behavior*. Academic Press. 346 pp.
5. Lee, D. S., C. R. Gilbert, C. H. Hocutt, R. E. Jenkins, D. E. MacAllister, and J. R. Stauffer, Jr. (eds.). 1980. *Distributional Atlas of the Fishes of North America*. U. S. Fish and Wildlife Service/N.C. State Museum of Nat. History. 854 pp.
6. Samuel, D. E., J. R. Stauffer, Jr., C. H. Hocutt, and W. T. Mason (eds.). 1979. *Surface Mining and Fish/Wildlife Needs in the Eastern United States: Addendum*, fish and Wildlife Service. U. S. Dept. of the Interior. FWS/OBS/78/81A.
7. *Mining and Fish/Wildlife Needs in the Eastern United States: Addendum*. Fish and Wildlife Service. U. S. Dept. of the Interior. FWS/OBS/78/81A.
8. Hocutt, C. H., and J. R. Stauffer, Jr. (eds.). 1980. *Biological Monitoring of Fish*. Lexington Books. D. C. Heath Company. Lexington, Massachusetts. 416 pp.
9. Courtenay, W. R., Jr., and J. R. Stauffer, Jr. (eds.). 1984. *Biology, Distribution and Management of Exotic Fishes*. Johns Hopkins University Press, Baltimore, MD 430 pp.
10. Pratt, J. R., N. Bowers, and J. R. Stauffer, Jr. (eds.). 1995. *Making Environmental Science: A Festschrift in Honor of John Cairns*. Ecoprint. Portland, Oregon 271 pp.

11. Stauffer, J. R., Jr., J. M. Boltz, and L. R. White. 1995. The Fishes of West Virginia. Academy of Natural Sciences of Philadelphia. Philadelphia, Pennsylvania. 389 pp.
12. Tzilkowski, C. and J. R. Stauffer, Jr. in press. Common Nymphs of Northeastern North America: A Fly-Tying and Fly-Fishing Guide. Penn State University Press

BOOK CHAPTERS AND SYMPOSIA PROCEEDINGS

1. Stauffer, J. R., Jr., D. S. Cherry, K. L. Dickson and J. Cairns, Jr. 1975. Laboratory and field temperature preference and avoidance data of fish related to the establishment of standards. Fisheries and Energy Production ed. S. B. Saila. Lexington Books, D. C. Heath and Co., Lexington, Mass. 119-139.
2. Dickson, K. L., J. Cairns, Jr., D. S. Cherry, J. R. Stauffer, Jr. 1976. An analysis of the applicability of EPA's draft water temperature criteria: A site-specific case history evaluation. 316-326. In: G. W. Esch and F. W. McFarland (eds.). Thermal Ecology II. Technical Information Center, Springfield, VA. 404 pp.
3. Stauffer, J. R., Jr., C. H. Hocutt, and D. S. Lee. 1978. Zoogeography of the freshwater fishes of the Potomac River. 44-54. In: K. C. Flynn and W. T. Mason (eds). The Freshwater Potomac: Aquatic Communities and Environmental Stresses. Interstate Comm. Potomac River Basin.
4. Prince, E., O. E. Maughan, D. H. Bennett, G. M. Simmons, Jr., J. R. Stauffer, Jr., and R. J. Strange. 1979. Trophic dynamics associated with a freshwater artificial tire reef. 459-473. In: H. Clepper (ed.). Proc. International Symposium on Predator-Prey Systems in Fish Communities and their Role in Fisheries Management. 25-27 July, 1978.
5. Stauffer, J. R., Jr., C. H. Hocutt, M. L. Hendricks, and S. L. Markham. 1978. Inertia and elasticity as a stream classification system: Youghiogheny River Case History Evaluation. 105-118. In: D. E. Samuel, J. R. Stauffer, Jr., C. H. Hocutt and W. T. Mason, Jr. (eds.). Surface Mining and Fish/Wildlife Needs in the Eastern United States. U. S. Dept. of Interior. FWS/OBS-78/81.
6. Hocutt, C. H., J. R. Stauffer, Jr., and P. A. Mills. 1978. Influence of a barite tailings pond rupture on the fishes of Big River, Missouri. 177-189. In: D. E. Samuel, J. R. Stauffer, Jr., C. H. Hocutt and W. T. Mason, Jr. (eds.). Surface Mining and Fish/Wildlife Needs in the Eastern United States. U. S. Dept. of Interior. FWS/OBS-78/81.
7. Cairns, J., Jr., J. R. Stauffer, Jr., and C. H. Hocutt. 1979. Opportunities for maintenance and rehabilitation of riparian habitat: Eastern United States. 304-317. In: R. R. Johnson and J. F. McCormick (eds.). Strategies for Protection and Management of Floodplain Wetlands and other Riparian Ecosystems. U. S. Dept. Agri. Forest Service, Wash. D.C. GRR-WO-12.

8. Stauffer, J. R., Jr., C. H. Hocutt, and S. Pistolas. 1978. Preliminary comparison of the ichthyofauna of the northern and southern tributaries of the upper Potomac River. Proc. of Potomac Chapter of Amer. Fish. Soc. 24-38.
9. Stauffer, J. R., Jr. 1980. Influence of temperature on fish behavior. 103-141. In: C. H. Hocutt, J. R. Stauffer, Jr., J. E. Edinger, L. W. Hall, R. P. Morgan. (eds.). Power Plants: Effects on Fish and Shellfish Behavior. Academic Press.
10. Chapman, J. A., and J. R. Stauffer, Jr. 1982. Status, distribution and habitat preference of the New England cottontail. Proc. World Lagomorph Conf., Guelph, Ontario, Canada. 967-983.
11. Stauffer, J. R., Jr., and J. E. Edinger. 1980. Power plant design and fish aggregation phenomena. In: C. H. Hocutt, J. R. Stauffer, Jr., J. E. Edinger, L. W. Hall, and R. P. Morgan (eds.). Power Plants: Effects on Fish and Shellfish Behavior. Academic Press.
12. Morgan, R. P., and J. R. Stauffer, Jr. 1980. Summary. 327-336. In: C. H. Hocutt, J. R. Stauffer, Jr., J. E. Edinger, L. W. Hall, and R. P. Morgan (eds.). Power Plants: Effects on Fish and Shellfish Behavior. Academic Press.
13. Hendricks, M. L., C. H. Hocutt, and J. R. Stauffer, Jr. 1980. Monitoring of fish in lotic habitats. 205-231. In: C. H. Hocutt and J. R. Stauffer, Jr. Biological Monitoring of Fish. Lexington Books. D. C. Heath Co., Lexington, Massachusetts.
14. Gates, J. E., C. H. Hocutt, and J. R. Stauffer, Jr. 1984. A review of the status of the hellbender (*Cryptobranchus alleganiensis*) in Maryland. Proceedings of a Symposium on Threatened and Endangered Plants and Animals of Maryland, Towson State Univ. Towson, Md.
15. Hendricks, M. L., C. H. Hocutt, and J. R. Stauffer, Jr. 1984. Faunal Inventory of the Upper Potomac River relative to acid mine discharges. Proceedings of Potomac Chapter of American Fisheries Society.
16. Stauffer, J. R., Jr. 1984. Colonization theory relative to introduced populations. 8-21. In: W. R. Courtenay, Jr. and J. R. Stauffer, Jr. (eds). Distribution, biology, and management of exotic fishes. The Johns Hopkins University Press. Baltimore, Maryland.
17. Hocutt, C. H., R. E. Jenkins, and J. R. Stauffer, Jr. 1986. Zoogeography of the fishes of the Central Appalachians and Central Atlantic Coastal Plain. 161-211. In: C. H. Hocutt and E. O. Wiley (eds.). Zoogeography of North American Freshwater Fishes. J. Wiley.
18. Denoncourt, C. E., and J. R. Stauffer, Jr. 1986. Threatened and endangered fishes of Pennsylvania. In: S. K. Majumdar, F. J. Benner, and A. F. Rhods (eds.). Endangered and Threatened Species Programs in Pennsylvania and other States: Census, Issues, and Management. Pennsylvania Academy of Science.
19. Boltz, J. M. and J. R. Stauffer, Jr. 1989. Fish assemblages of Pennsylvania wetlands. In: S. Majumdar, F. Brenner, R. Brooks, T. Tine (eds.). Wetlands Ecology and Conservation: Emphasis on Pennsylvania. 395 pp.
20. Hocutt, C. H., R. Bally, and J. R. Stauffer, Jr. 1992. An environmental assessment for less developed countries, with an emphasis on Africa. In: J. Cairns, Jr.,

- B. R. Niederlehner, and D. R. Orvos. (eds.) Predicting Ecosystem Risks
Princeton Sci. Publishing Co. Inc. Princeton, NJ. 347 pp.
21. Stauffer, J. R., Jr. and S. S. Chiotha. 1993. Intra-lacustrine fish introductions -- a threat to Lake Malawi Fish. Proceedings of the First Research and Development Conference. Bunda College, University of Malawi, Lilongwe, Malawi 162-164.
 22. Kirkland, G. L., Jr. and J. R. Stauffer, Jr. 1993. Biodiversity: A Global Perspective. Pp 12-17. In: S. K. Majumdar, F. J. Breener, J. E. Lovich, J. F. Schalles, and E. W. Miller (eds.). Biological Diversity: Problems and Challenges. Pennsylvania Academy of Science.
 23. Stauffer, J. R., Jr. and M. J. Gutowski. 1995. Inertia and elasticity: tools to evaluate a landfill leachate in the upper Delaware River. 239-252. In: J. R. Pratt, N. Bowers, and J. R. Stauffer, Jr. (Eds). Making Environmental Science: A Festschrift in Honor of John Cairns. Ecoprint. Portland, Oregon.
 24. Argent, D. G., J. R. Stauffer, R. F. Carline, and C. Paola Ferreri. 1998. Fishes: Review of Status in Pennsylvania. 177-200. In: J. D. Hassinger, R. J. Hill, G. L. Storm, R. H. Yahner (eds.). Inventory and Monitoring of Biotic Resources in Pennsylvania. Pennsylvania Biological Survey.
 25. Stauffer, J. R., Jr., M. Geerts, A. F. Konings, K. R. McKaye and K. Black. 2007. Cichlid fish diversity and speciation. 213-225. In: T. R. Hodgkinson and J. A. N. Parnell (eds.). Reconstructing the tree of life: taxonomy and systematics of species rich taxa. Systematics Association Special Series, Volume 72.

JOURNAL ARTICLES

[\(Link to Online Publications\)](#)

1. Stauffer, J. R., Jr., K. L. Dickson, and J. Cairns, Jr. 1974. A field evaluation of the effects of heated discharges of fish distribution. Water Res. Bull. 10(5):860-876.
2. Hoehn, R., J. R. Stauffer, Jr., M. T. Masnik, and C. H. Hocutt. 1974. Relationships between sediment oil concentrations and the macroinvertebrates present in a small stream following an oil spill. Environmental Letters 7(4):345-352.
3. Hocutt, C. H. and J. R. Stauffer, Jr. 1975. The influence of gradient on longitudinal distribution of fishes in Conowingo Creek, Maryland and Pennsylvania. Chesapeake Science 16(2):143-146.
4. Stauffer, J. R., Jr., K. L. Dickson, J. Cairns, Jr., W. F. Calhoun, M.T. Masnik, and R. H. Myers. 1975. Summer distribution of fish species in the vicinity of a thermal discharge - New River, Virginia. Archiv. fur Hydrobiologia 76(3):287-301.
5. Stauffer, J. R., Jr., C. H. Hocutt, M. T. Masnik, and J. Reed. 1975. The longitudinal distribution of fishes in the East River, West Virginia and Virginia. Va. J. Sci. 26(3):121-125.

6. Stauffer, J. R., Jr., K. L. Dickson, A. G. Heath, and G. W. Lane. 1975. Rate of body temperature change of bluegill sunfish (*Lepomis macrochirus*, Rafinesque) when subjected to thermal shock. *Prog. Fish.-Cult.* 37(2):90-92.
7. Denoncourt, R. F., C. H. Hocutt, and J. R. Stauffer, Jr. 1975. Additions to the ichthyofauna of the Susquehanna River Drainage above Conowingo Dam. *Proceedings of the Academy of Natural Sciences of Philadelphia* 127(9):67-69.
8. Denoncourt, R. F., C. H. Hocutt, E. C. Raney, and J. R. Stauffer, Jr. 1975. A checklist of the fishes of West Virginia. *Virginia Journal Science* 26(3):117-120.
9. Denoncourt, R. F., C. H. Hocutt, and J. R. Stauffer, Jr. 1975. Extensions of the known ranges of *Ericymba buccata* Cope and *Etheostoma zonale* (Cope) in the Susquehanna River drainage. *Proc. Pa. Acad. Sciences* 49:45-56.
10. Hocutt, C. H., K. L. Dickson, M. T. Masnik, and J. R. Stauffer, Jr. 1976. Observations of an ash lagoon spill on the New River, Virginia. *Hydrobiologia* 48(3):241-245.
11. Denoncourt, R. F. and J. R. Stauffer, Jr. 1976. A taxonomic study of recently introduced populations of the banded darter, *Etheostoma zonale* (Cope), in the Susquehanna River. *Chesapeake Science* 17(4):303-304.
12. Denoncourt, R. F., T. W. Robbins, and J. R. Stauffer, Jr. 1976. A description of xanthic tessellated darters, *Etheostoma olmstedii* Storer (Teleostei, Percidae). *Copeia* 1976(4):813-815.
13. Stauffer, J. R., Jr., J. H. Wilson, and K. L. Dickson. 1976. Comparison of stomach contents and condition of two catfish species living at ambient temperatures and in a heated discharge. *Prog. Fish. Cult.* 38(1):33-35.
14. Masnik, M. T., J. R. Stauffer, Jr., C. H. Hocutt, and J. H. Wilson. 1976. The effects of an oil spill on the macroinvertebrates and fish in a small southwestern Virginia Creek. *J. Environ. Sci. Health A* 11(4 & 5):281-296.
15. Cincotta, D. A., R. F. Denoncourt, and J. R. Stauffer, Jr. 1976. A study of macroinvertebrates and fishes above and below two sewage treatment plants in the Codorus Creek drainage, York County, Pennsylvania. *Proc. Pa. Acad. Sci.* 50:59-65.
16. Hocutt, C. H. and J. R. Stauffer, Jr. 1976. Barbel anomaly in *Noturus flavus* Rafinesque. *Proc. Pa. Acad. Sci.* 50:117-118.
17. Stauffer, J. R., Jr., J. Cairns, Jr., D. S. Cherry, R. F. Denoncourt, and K. L. Dickson. 1974-1976. The influence of temperature on the fish community structure of the New River, Glen Lyn, Virginia. *Revista de Biologia* 10(1-4):21-48.
18. Stauffer, J. R., Jr., H. A. Beiles, J. W. Cox, K. L. Dickson, and D. E. Simonet. 1974-1976. Colonization of macrobenthic communities on artificial substrates. *Revista de Biologia* 10(1-4):49-61.
19. Stauffer, J. R., Jr., C. H. Hocutt, and R. F. Denoncourt. 1977. An intergeneric cyprinid hybrid, *Nocomis platyrhynchus* X *Notropis chrysocephalus*, from the Greenbrier River drainage in West Virginia. *Copeia* 1977(1):172-173.

20. Denoncourt, R. F., C. H. Hocutt, and J. R. Stauffer, Jr. 1977. Notes on the habitat, description, and distribution of the sharpnose darter, *Percina oxyrhyncha*. *Copeia* 1977(1):168-171.
21. Denoncourt, R. F., W. A. Potter, and J. R. Stauffer, Jr. 1977. Records of the greenside darter, *Etheostoma blennioides*, from the Susquehanna River Drainage in Pennsylvania. *Ohio J. Sci.* 77(1):38-42.
22. Cherry, D. S., K. L. Dickson, J. Cairns, Jr., and J. R. Stauffer, Jr. 1977. Preferred, avoided, and lethal temperatures of fish during rising temperature conditions. *J. Fish. Res. Bd. Canada* 34(2):239-246.
23. Masnik, M. T., J. R. Stauffer, Jr., and C. H. Hocutt. 1978. A comparison of fish collection methods after rotenone application in New River, Virginia. *Virginia J. Sci.* 29(1):5-9.
24. Hocutt, C. H., R. F. Denoncourt, and J. R. Stauffer, Jr. 1978. Fishes of the Greenbrier River, West Virginia, with drainage history of the central Appalachians. *J. Biogeogr.* 5(1):59-80.
25. Stauffer, J. R., Jr., C. H. Hocutt, and R. F. Denoncourt. 1979. Status and distribution of the hybrid *Nocomis micropogon* X *Rhinichthys cataractae*, with a discussion of hybridization as a viable mode of speciation. *Amer. Midl. Nat.* 101(2):355-365.
26. Mills, P. A., C. H. Hocutt, and J. R. Stauffer, Jr. 1978. The pre-impoundment fish fauna of Big River (Meramec Drainage). *Trans. Mo. Acad. Sci.* 12:25-35.
27. Hocutt, C. H., R. F. Denoncourt, and J. R. Stauffer, Jr. 1979. Fishes of the Gauley River, West Virginia. *Brimleyana* 1:47-80.
28. Matthews, F. D., D. A. Cincotta, C. H. Hocutt, and J. R. Stauffer, Jr. 1978. Fishes and macroinvertebrates of Conococheague Creek, Pennsylvania and Maryland. *Proc. Pa. Acad. Sciences* 52:60-66.
29. Melisky, E. L., J. R. Stauffer, Jr., D. A. Cincotta, and C. H. Hocutt. 1979. Modifications of temperature avoidance troughs for testing small fishes. *Prog. Fish. Cult.* 42(1):44-45.
30. Hall, L. W., D. A. Cincotta, J. R. Stauffer, Jr., and C. H. Hocutt. 1978. Temperature preference of the crayfish, *Orconectes obscurus*. *J. Exp. Toxic.* 7:379-383.
31. Hall, L. W., C. H. Hocutt, and J. R. Stauffer, Jr. 1978. Temperature preference of the white perch, *Morone americana*, collected in the Wicomico River, Maryland. *Estuaries* 2(2):129-132.
32. Hall, L. W., C. H. Hocutt, and J. R. Stauffer, Jr. 1978. The effect of geographic location on the temperature preference of the white perch, *Morone americana*. *J. Fish. Res. Bd. Can.* 35(11):1464-1468.
33. Denoncourt, R. F., C. H. Hocutt, J. R. Stauffer, Jr., and R. Menendez. 1978. Xanthic creek chub *Semotilus atromaculatus*. *Virginia Journal of Science* 29(3):188-190.
34. Guillory, V., C. H. Hocutt, and J. R. Stauffer, Jr. 1978. Endangered freshwater fishes of the Southeast. *Proc. of Southeast Assoc. of Fish and Wildlife Agencies* 32:703-714.

35. Stauffer, J. R., Jr., and C. H. Hocutt. 1980. Inertia and recovery: An approach to stream classification and stress evaluation. *Water Resources Bull.* 16(1):72-78.
36. Stauffer, J. R., Jr., R. F. Denoncourt, C. H. Hocutt, and R. E. Jenkins. 1979. A description of the cyprinid fish hybrid, *Notropis chrysocephalus* x *Notropis photogenis*, from the Greenbrier River, West Virginia. *Natural History Miscellanea. Chicago Acad. Sci.* 204:1-6.
37. Hendricks, M. L., J. R. Stauffer, Jr., C. H. Hocutt, and C. R. Gilbert. 1979. A preliminary checklist of the fishes of the Youghiogheny River. *Natural History Miscellanea. Chicago Acad. Sci.* 203:1-15.
38. Melisky, E. L., J. R. Stauffer, Jr., and C. H. Hocutt. 1980. Temperature preference of banded killifish, *Fundulus diaphanus* Lesueur, from southwestern Pennsylvania. *Copeia* (2):346-349.
39. Stauffer, J. R., Jr., R. L. Reish, and W. F. Calhoun. 1980. A Fortran program for calculating Brillouin's species diversity index. *Prog. Fish. Cult.* 42(3):185-187.
40. Barila, T. Y., and J. R. Stauffer, Jr. 1980. Temperature behavioral responses of the American eel, *Anguilla rostrata* (Lesueur), from Maryland. *Hydrobiologia* 74:49-51.
41. Stauffer, J. R. Jr., E. L. Melisky, and C. H. Hocutt. 1980. Temperature preference of the northern redbelly dace, *Phoxinus eos* (Cope). *Archiv. Fur Hydrobiologia.* 90(1):121-126.
42. Willner, G. R., K. R. Dixon, J. A. Chapman, and J. R. Stauffer, Jr. 1980. A model for predicting age-specific body weights without age determination. *J. Applied Ecology* 7(1980):343-347.
43. Stauffer, J. R., Jr., R. L. Kaesler, J. Cairns, Jr., and K. L. Dickson. 1980. Selecting groups of fish to optimize acquisition of information on thermal discharges. *Water Resources Bull.* 16(6):1097-1101.
44. Markham, S. L., C. H. Hocutt, and J. R. Stauffer, Jr. 1980. The crayfish (Decapoda: Astacidae and Camberidae) and the freshwater mussels (Mollusca: Pelecypoda) of the lower New River, Virginia and West Virginia. *Natural History Miscellanea. Chicago Acad. Sci.* 208:1-11.
45. Barila, T. Y., R. D. Williams, and J. R. Stauffer, Jr. 1981. The influence of stream order and selected stream bed parameters on fish diversity in Raystown Branch, Susquehanna River drainage, Pennsylvania. *J. Applied Ecology* 18:125-131.
46. Stauffer, J. R., Jr. 1981. Temperature behavior of the bluespotted sunfish *Enneacanthus gloriosus* (Holbrook) with an evaluation of the interpretation of thermal behavioral data. *Water Resources Bull.* 17(3)504-507.
- 47a. Stauffer, J. R., Jr. 1980. *Ammocrypta beani* Jordon, Naked sand darter, p. 616.
- b. Stauffer, J. R., Jr. 1980. *Ammocrypta clara* Jordon and Meek, Western sand darter, p. 618.
- c. Stauffer, J. R., Jr. 1980. *Etheostoma aquali* Williams and Etnier, Coppercheek darter, p. 623.
- d. Stauffer, J. R., Jr. 1980. *Etheostoma barbouri* Kuehne and Small,

- Teardrop darter, p. 626.
- e Stauffer, J. R., Jr. 1980. *Etheostoma camurum* (Cope), Bluebreast darter, p. 632.
- f Stauffer, J. R., Jr. 1980. *Etheostoma chlorobranchium* Zorach, Greenfin darter, p. 633.
- g. Stauffer, J. R., Jr. 1980. *Etheostoma microlepidum* Raney and Zorach, Smallscale darter, p. 667.
- h. Stauffer, J. R., Jr. 1980. *Etheostoma okaloosae* (Fowler), Okaloosa darter, p. 675.
- i. Stauffer, J. R., Jr. 1980. *Etheostoma salude* (Hubbs and Cannon), Saluda darter, p. 690.
- j. Hocutt, C. H., R. E. Jenkins, and J. R. Stauffer, Jr. 1980. *Etheostoma kanawhae* (Raney), Kanawha darter, p. 659.
- k. Hocutt, C. H., R. E. Jenkins, and J. R. Stauffer, Jr. 1980. *Etheostoma osburni* (Hubbs and Trautman), Finescale saddled darter, pp. 678.
- l. Hocutt, C. H. and J. R. Stauffer, Jr. 1980. *Etheostoma gracile* (Girard), Slough darter, p. 651.
- m. Hocutt C. H. and J. R. Stauffer, Jr. 1980. *Etheostoma sellare* (Radcliffe and Welsh), Maryland darter, p. 691.
- n. Stauffer, J. R., Jr. and C. H. Hocutt. 1980. *Ammocrypta vivax* Hay, Scaly sand darter, p. 621.
- o. Stauffer, J. R., Jr. and C. H. Hocutt. 1980. *Etheostoma caeruleum* Storer, Rainbow darter, p. 631.
- p. Stauffer, J. R., Jr. and C. H. Hocutt. 1980. *Etheostoma edwini* (Hubbs and Cannon), Brown darter, p. 643.
- q. Stauffer, J. R., Jr., C. H. Hocutt, and C. R. Gilbert. 1980. *Ammocrypta bifascia* Williams, Florida sand darter, p. 617.
- r. Stauffer, J. R., Jr., C. H. Hocutt and C. R. Gilbert. 1980. *Etheostoma tetrazonum* (Hubbs and Black), Missouri saddled darter, p. 701.
- In: D. S. Lee, C. R. Gilbert, C. H. Hocutt, R. E. Jenkins, D. E. McAllister and J. R. Stauffer, Jr. (eds.). 1980 et seq. Atlas of North American freshwater fishes. N. C. State Mus. Nat. Hist., Raleigh. i-x+854 pp.
48. Shingleton, M. V., C. H. Hocutt, and J. R. Stauffer, Jr. 1981. Temperature preference of the New River shiner. Trans. Amer. Fish. Soc. 110:660-661.
49. Stauffer, J. R., Jr., B. M. Burr, C. H. Hocutt, and R. E. Jenkins. 1982. Checklist of the fishes of the central and northern Appalachian Mountains. Biol. Soc. Wash. 95:27-47.
50. Cincotta, D. A., J. R. Stauffer, Jr., and C. H. Hocutt. 1982. Application of fish responses to temperature to assess the effects of a thermal discharge. Water Resources Bull. 18:437-450.
51. Goodfellow, W. L., R. P. Morgan II, C. H. Hocutt, and J. R. Stauffer, Jr. 1982. Electrophoretic analysis of *Campostoma anomalum*, *Rhinichthys cataractae*, and their F₁ offspring. J. Biochemical Systematics and Ecology. 10:95-98.

52. Hocutt, C. H., R. F. Denoncourt, and J. R. Stauffer, Jr. 1982. Observations of behavioral responses of fish to environmental stress in situ. *J. Applied Ecology* 19:443-451.
53. Barilla, T. Y., J. R. Stauffer, Jr., and C. H. Hocutt. 1982. Temperature preference and avoidance responses of the common shiner, *Notropis cornutus* (Mitchill). *Achiv fur Hydrobiologia* 96(1):112-119.
54. Esmond, E. F., and J. R. Stauffer, Jr. 1983. Taxometric comparison of the Atlantic Slope and Ohio River populations of *Etheostoma caeruleum* Storer. *American Midland Naturalist* 109(2):390-397.
55. Adams, S. M., J. M. Dean, W. J. Matthews, W. D. Pearson, M. P. Sissenwines, J. R. Stauffer, Jr., and M. P. Weinstein. 1983. An evaluation of the 1982 annual meeting. *Fisheries* 8(3):14-15.
56. Stauffer, J. R., Jr., J. E. Gates, and W. L. Goodfellow. 1983. Preferred temperature of two sympatric *Ambystoma* larvae: A proximate factor in niche segregation? *Copeia* 1984:1001-1005.
57. Hendricks, M. L., J. R. Stauffer, Jr., and C. H. Hocutt. 1983. The zoogeography of the fishes of the Younghigheny River System, Pennsylvania, Maryland, and West Virginia. *Amer. Midl. Nat.* 110:145-164.
58. Howard, J. H., R. L. Wallace, and J. R. Stauffer, Jr. 1983. Critical thermal maxima in populations of *Ambystoma macrodactylum* from different elevations. *J. Herpetology* 17(4):400-402.
59. Stouffer, R. H., Jr., J. E. Gates, C. H. Hocutt, and J. R. Stauffer, Jr. 1983. Surgical implantation of a transmitter package for radio-tracking endangered hellbenders. *Wildlife Society Bulletin* 11(4):384-386.
60. Morgan II, R. P., R. E. Smith, Jr., and J. R. Stauffer, Jr. 1983. Electrophoretic separation of larval silver redhorse (*Moxostoma anisurum*) and golden redhorse (*Moxostoma erythrurum*). *Comparative Biochemistry and Physiology* 76B(4):721-722.
61. Goodfellow, W. L., C. H. Hocutt, R. P. Morgan II, and J. R. Stauffer, Jr. 1984. Biochemical assessment of the taxonomic status of *Rhinichthys bowersi* (Pisces: Cyprinidae). *Copeia* 1984(3):652-659.
62. Cincotta, D. A., and J. R. Stauffer, Jr. 1984. Temperature preference and avoidance studies of six North American freshwater fish species. *Hydrobiologia* 109:173-177.
63. Cincotta, D. A., J. R. Stauffer, Jr., and C. H. Hocutt. 1984. The effects of rapid temperature decreases on five freshwater fish species. *Arch. Hydrobiol.* 99(4):529-536.
64. Stauffer, J. R., Jr., D. K. Vann, and C. H. Hocutt. 1984. Effects of salinity on preferred and lethal temperatures of the blackchin tilapia, *Sarotherodon melanotheron*. *Water Resources Bulletin* 20(5):771-775.
65. Stauffer, J. R., Jr., D. R. Lispi, and C. H. Hocutt. 1984. The preferred temperatures of three *Semotilus* species. *Arch. fur Hydrobiologia* 101(4):595-600.
66. Morgan, R. P. II, W. L. Goodfellow, Jr., C. H. Hocutt, and J. R. Stauffer, Jr. 1984. Karyotype of *Nocomis micropogon*, *Rhinichthys cataractae* and their

- supposed hybrid, "*Rhinichthys bowersi*" (Pisces: Cyprinidae). *Copeia* 1984(4):990-992.
67. Price, E. E., J. R. Stauffer, Jr., and M. C. Swift. 1985. Effect of temperature on growth of juvenile *Oreochromis mossambicus* and *Sarotherodon melanotheron*. *Environmental Biology of Fishes*. 13(2):149-152.
 68. Sager, D. R., C. H. Hocutt, and J. R. Stauffer, Jr. 1985. Preferred wavelengths of visible light for juvenile menhaden (*Brevoortia tyrannus*). *North American Journal of Fisheries Management*. 5:72-77.
 69. Patrick, P. H., A. E. Christie, D. R. Sager, C. H. Hocutt, and J. R. Stauffer, Jr. 1985. Responses of fish to a strobe light/air bubble barrier. *Fisheries Research*. 1985(3):157-172.
 70. Stauffer, J. R., Jr., C. H. Hocutt, and W. F. Goodfellow. 1985. Effects of sex and maturity on preferred temperatures: a proximate factor for increased survival of young *Poecilia latipinna*. *Arch. fur Hydrobiologia*. 103(1):129-132.
 71. Stauffer, J. R., Jr., and K. R. McKaye. 1985. *Cyrtocara macrocleithrum*, a deep-water cichlid (Teleostei: Cichlidae) from Lake Malawi, Africa. *Copeia* 1985(3):591-596.
 72. Feldhamer, G. A., J. R. Stauffer, Jr., and J. A. Chapman. 1985. Body morphology and weight relationships of sika deer in Maryland. *Z. Säugetierkunde* 50(1985):88-106.
 73. Stauffer, J. R., Jr., and K. R. McKaye. 1986. Description of a paedophagous deep-water cichlid (Teleostei: Cichlidae) from Lake Malawi, Africa. *Biol. Soc. Wash.* 99(1):29-33.
 74. Stauffer, J. R., Jr. 1986. Ontogenetic changes in the preferred temperatures of the blackchin tilapia, *Sarotherodon melanotheron*. *Archiv. fur Hydrobiologia* 105(3):397-402.
 75. Gates, J. E., R. N. Stouffer, Jr., J. R. Stauffer, Jr., and C. H. Hocutt. 1985. Dispersal patterns of translocated *Cryptobranchus alleganiensis* in a Maryland stream. *J. Herpetology* 19(3):436-438.
 76. McKaye, K. R., and J. R. Stauffer, Jr. 1986. Description of a gold cichlid (Teleostei: Cichlidae) from Lake Malawi, Africa. *Copeia* 1986(4):870-875.
 77. Boltz, J. M., and J. R. Stauffer, Jr. 1986. Branchial brooding in the pirate perch, *Aphredoderus sayanus* (Gilliams). *Copeia* 1986(4):1030-1031.
 78. Stauffer, J. R., Jr. 1986. Effects of salinity on preferred and lethal temperatures of the Mozambique tilapia, *Oreochromis mossambicus* (Peters). *Water Resources Bulletin* 22(2):205-208.
 79. Goodfellow, W. L., Jr., R. P. Morgan III, J. R. Stauffer, Jr., and C. H. Hocutt. 1986. An intergeneric hybrid, *Campostoma anomalum* x *Rhinichthys atratulus*, from the Youghiogheny River drainage, West Virginia. *Biochemical Systematics and Ecology* 14(2):233-238.
 80. McKaye, K. R., J. R. Stauffer, Jr., and S. M. Louda. 1986. Fish predation as a factor in the distribution of Lake Malawi gastropods. *Experimental Biology*. 45:279-289.
 81. Boltz, J. M., M. J. Siemien, and J. R. Stauffer, Jr. 1987. Influence of starvation on the preferred temperature of *Oreochromis mossambicus* (Peters). *Arch. fur Hydrobiologia* 110(1):163-164.

82. Sager, D. R., C. H. Hocutt, and J. R. Stauffer, Jr. 1987. Estuarine fish responses to strobe light, bubble curtains, and strobe light-bubble curtain combinations as influenced by water flow rate and flash frequencies. *Fisheries Research*. 5:383-399.
83. McKaye, K. R. and J. R. Stauffer, Jr. 1987. Foraging theory and fortuitous contributions to aquaculture and African Great Lakes management. *News IAEFF* 10:47-50.
84. Stauffer, J. R., Jr., and K. R. McKaye, 1988. Description of a genus and three deep water species of fishes (Teleostei: Cichlidae) from Lake Malawi, Africa. *Copeia* 1988:441-449.
85. Stauffer, J. R., Jr. 1988. Three new rock-dwelling cichlids (Teleostei: Cichlidae) from Lake Malawi, Africa. *Copeia* 1988(3):663-668.
86. McKaye, K. R. and J. R. Stauffer, Jr. 1988. Seasonality, depth, and habitat distribution of breeding males, *Oreochromis* spp., "Chambo", in Lake Malawi National Park. *Journal of Fish Biology*. 33:825-834.
87. Stauffer, J. R., Jr., S. E. Boltz, and J. M. Boltz. 1988. Thermal tolerance of the blue tilapia, *Oreochromis aureas*, in the Susquehanna River. *North American Journal of Fisheries Management* 8(3):329-332.
88. Siemien, M. J. and J. R. Stauffer, Jr. 1989. Temperature preference and tolerance of the spotted tilapia and Rio Grande cichlid. *Archiv. fur Hydrobiol.* 115(2):287-303.
89. Stauffer, J. R., Jr. and J. M. Boltz. 1989. Description of a rock-dwelling cichlid (Teleostei: Cichlidae) from Lake Malawi, Africa. *Proceedings of the Biological Society of Washington* 102(1):8-13.
90. Stauffer, J. R., Jr., J. M. Boltz, and S. E. Boltz. 1989. Temperature preference of the redbelly tilapia, *Oreochromis zilli* (Gervais). *Archiv fur Hydrobiologia* 114(3):453-456.
91. Stauffer, J. R., Jr., R. F. Denoncourt, C. H. Hocutt, and R. L. Miles. 1989. Fishes of the Guyandotte River, West Virginia. *Bulletin of the Chicago Academy of Sciences*. 14(1):3-11.
92. Boltz, J. M., J. R. Stauffer, Jr. and S. E. Boltz. 1989. A description of the cyprinid fish hybrid, *Clinostomus elongatus* x *Notropis cornutus*. *Bulletin of the Chicago Academy of Sciences* 14(2):12-14.
93. Welch, T. J., J. R. Stauffer, Jr. and R. P. Morgan, II. 1989. Temperature preference as an indicator of the chronic toxicity of cupric ions to Mozambique tilapia. *Bull. Environ. Contam. Toxicol.* 43:761-768.
94. McKaye, K. R., S. M. Louda, and J. R. Stauffer, Jr. 1990. Bower size and male reproductive success in a cichlid fish lek. *American Naturalist* 135:597-613.
95. Raesly, R. L., J. R. Stauffer, Jr. and R. F. Denoncourt. 1990. Hybridization between two darters, *Etheostoma zonale* and *Etheostoma olmstedi* (Teleostei: Percidae), following an introduction event. *Copeia* 1990:584-588.
96. Stauffer, J. R., Jr. 1991. Description of a facultative cleanerfish (Teleostei: Cichlidae) from Lake Malawi, Africa. *Copeia*. 1991(1):141-147.
97. Courtenay, W. R., Jr. and J. R. Stauffer, Jr. 1991. The introduced fish problem and the aquarium fish industry. *J. World Aquaculture Soc.* 21(3):145-159.

98. LoVullo, T. J., J. R. Stauffer, Jr., and K. R. McKaye. 1992. Diet and Growth of a brood of *Bagrus meridionalis* Gunther (Siluriformes: Bagridae) in Lake Malawi, Africa. *Copeia* 1992:1084-1088.
99. Chiotha, S. S., K. R. McKaye, and J. R. Stauffer, Jr. 1991. Prey handling in *Trematocranus placodon*, a snail-eating cichlid fish from Malawi. *Ichthyol. Explor. Freshwaters* 2(3):203-208.
100. Chiotha, S. S., K. R. McKaye, and J. R. Stauffer, Jr. 1991. Use of indigenous fishes to control schistosome snail vectors in Malawi, Africa. *Biological Control* 1991:316-319.
101. Stauffer, J. R., Jr. and E. Hert. 1992. *Pseudotropheus callainos*, a new species of mbuna (Cichlidae) with analyses associated with two intratacistine transplantations in Lake Malawi, Africa. *Ichthyol. Explor. of Freshwaters*. 3:253-264.
102. Boltz, J. M. and J. R. Stauffer, Jr. 1993. Systematics of *Aphredoderus sayanus* (Teleostei: phredoderidae). *Copeia* 1993:81-98.
103. Denoncourt, C. E. and J. R. Stauffer, Jr. 1993. Feeding selectivity of the American eel, *Anguilla rostrata* (LeSueur) in the upper Delaware River. *American Midland Naturalist*. 129:301-308.
104. Bowers, N. J. and J. R. Stauffer, Jr. 1993. A new species of rock-dwelling cichlid (Pisces: Cichlidae) from Lake Malawi, Africa, with comments on *Melanochromis vermivorus* Trewavas. *Copeia*. 1993:715-722.
105. Stauffer, J. R., Jr., T. J. LoVullo and K. R. McKaye. 1993. Three new sand-dwelling cichlids from Lake Malawi, Africa, with a discussion of the status of the genus *Copadichromis* (Teleostei: Cichlidae). *Copeia* 1993:1017-1027.
106. Gutowski, M. J. and J. R. Stauffer, Jr. 1993. Selective predation of *Noturus insignis* (Richardson) (Teleostei: Ictaluridae) in the Delaware River. *American Midland Naturalist*. 129:309-318.
107. Kocher, T. D., J. A. Conroy, K. R. McKaye, and J. R. Stauffer, Jr. 1993. Similar morphologies of cichlids in lakes Tanganyika and Malawi are due to convergence. *Mol. Phyl. Evol.* 2:158-165.
108. Stauffer, J. R. Jr. 1993. A new species of *Protomelas* from Lake Malawi, Africa. *Ichthyol. Explo. Freshwaters* 4:343-350.
109. McKaye, K. R., J. A. Howard, J. R. Stauffer, Jr., R. P. Morgan, and F. Shonhiwa. 1993. Sexual selection and genetic relationships of a sibling species complex of bower building cichlids in Lake Malawi, Africa. *Japan J. Ichthyology* 40:15-21.
110. LoVullo, T. J. and J. R. Stauffer, Jr. 1993. The retail bait-fish industry in Pennsylvania - source of introduced species. *J. PA Acad. Sci.* 67:13-15.
111. Stauffer, J. R. Jr., and S. E. Boltz. 1994. The effect of salinity on temperature preference and tolerance of age-0 Mayan cichlid. *Trans. Amer. Fish. Soc.* 123:101-107.
112. White, L. R., B. A. McPheron, and J. R. Stauffer, Jr. 1994. Identification of freshwater mussel glochidia on host fishes using restriction fragment length polymorphisms. *Molecular Ecology* 3:183-185.

113. McKaye, K. R., D. E. Mughogho, and J. R. Stauffer, Jr. 1994. Sex-role differentiation in feeding and defense of young by a biparental catfish, *Bagrus meridionalis*. *Animal Behaviour* 48:587-589.
114. Bowers, N. J., J. R. Stauffer, Jr., and T. D. Kocher. 1994. Intra- and interspecific mitochondrial DNA sequence variation within two species of rock-dwelling cichlids (Teleostei: Cichlidae) from Lake Malawi, Africa. *Molecular Phylogenetics and Evolution* 3:75-82.
115. Stauffer, J. R. Jr. 1994. A new species of *Iodotropheus* (Teleostei: Cichlidae) from Lake Malawi, Africa. *Ichthyol. Explor. Freshwaters* 5:331-344.
116. Kellogg, K. A., J. A. Markert, J. R. Stauffer, Jr., and T. D. Kocher. 1995. Microsatellite variation demonstrates multiple paternity in leking cichlid fishes from Lake Malawi, Africa. *Proceedings of the Royal Society of London, Series B.* 260:79-84.
117. McKaye, K. R., J. C. Ryan, J. R. Stauffer, Jr., L. J. L. Perez, G. I. Vega, E. P. Van den Berghe. 1995. African tilapia in Lake Nicaragua: Ecosystem in transition. *BioScience* 45:406-411.
118. Kocher, T. D., J. A. Conroy, K. R. McKaye, J. R. Stauffer, Jr., and S. F. Lockwood. 1995. Evolution of NADH dehydrogenase subunit 2 in East African cichlid fish. *Molecular Phylogenetics and Evolution* 4:420-432.
119. Stauffer, J. R., Jr., N. J. Bowers, K. R. McKaye, and T. D. Kocher. 1995. Evolutionarily significant units among cichlid fishes: The role of behavioral studies. *American Fisheries Soc. Symposium* 17:227-244.
120. Stauffer, J. R., Jr. 1995. Designation of a neotype for *Iodotropheus sprengerae* (Teleostei: Cichlidae). *Bulletin of Zoological Nomenclature* 52:321-323.
121. Stauffer, J. R., Jr. N. J. Bowers, T. D. Kocher, and K. R. McKaye. 1996. Evidence of hybridization between *Cynotilapia afra* and *Pseudotropheus zebra* (Teleostei: Cichlidae) following an intralacustrine translocation in Lake Malawi. *Copeia* 1996:203-208.
122. Stauffer, J. R., Jr., T. J. LoVullo, and H. Y. Han. 1996. Commensalistic feeding relationships of three Lake Malawi fish species. *Trans. Am. Fish. Soc.* 125:224-229.
123. Stauffer, J. R., Jr., J. M. Boltz, K. A. Kellogg, and E. S. Van Snik. 1996. Habitat partitioning in a diverse assemblage of darters in the Allegheny River System. *Environmental Biology of Fishes* 46:37-44.
124. Stauffer, J. R., Jr. and E. S. van Snik. 1996. A new species of *Petrotilapia* (Teleostei: Cichlidae) from Lake Malawi, Africa. *Copeia* 1996:695-702
125. White, L. R., B. A. McPheron, and J. R. Stauffer, Jr. 1996. Molecular genetic identification tools for the unioninids of French Creek, Pennsylvania. *Malacologia* 38:181-202.
126. Bryan, K. L., M. J. Gutowski, J. P. Slusark and J. R. Stauffer, Jr. 1996. The diet of *Percina caprodes* (Rafinesque), (Pisces: Percidae) in a small stream in Pennsylvania *J. of Pennsylvania Academy of Science* 70:75-79.
127. Likongwe, J. S., T. D. Stecko, J. R. Stauffer, Jr. and R. F. Carline. 1996. Combined effects of water temperature and salinity on growth and feed utilization of juvenile Nile tilapia, *Oreochromis niloticus* (Linnaeus). *Aquaculture* 146:37-46.

128. Stauffer, J. R., Jr., M. E. Arnegard, M. Cetron, J. J. Sullivan, L. A. Chitsulo, G. F. Turner, S. Chiotha, and K. R. McKaye. 1997. The use of fish predators to control vectors of parasitic disease: Schistosomiasis in Lake Malaŵi - A case history. *BioScience* 47:41-49.
129. Stauffer, J. R., Jr. and E. S. van Snik. 1997. *Etheostoma denoncourti*, a new darter (Teleostei: Percidae) from the upper Tennessee River. *Copeia* 1997:116-122.
130. Stauffer, J. R. Jr., C. H. Hocutt, and R. L. Mayden. 1997. *Pararhinichthys* a new monotypic genus of minnows (Teleostei: Cyprinidae) of hybrid origin from eastern North America. *Ichthyol. Explor. Freshwaters*. 7:327-336.
131. Bowers, N. J. and J. R. Stauffer, Jr. 1997. Eight new species of rock-dwelling cichlids (Teleostei: Cichlidae) from Lake Malawi. *Ichthyol. Explor. Freshwaters* 8:49-70.
132. Kellogg, K. A., J. R. Stauffer, Jr., E. S. van Snik, and J. M. Boltz. 1997. Interpopulation variation in darter oocyte production. *J. Freshwater Ecology* 12:329-337.
133. Stauffer, J. R., Jr., N. J. Bowers, K. A. Kellogg, and K. R. McKaye. 1997. A revision of the blue-black *Pseudotropheus zebra* (Teleostei: Cichlidae) complex from Lake Malawi, Africa, with a description of a new genus and ten new species. *Proc. Acad. Nat. Sci. Phil.* 148:189-230.
134. van Snik, E. S., J. M. Boltz, K. A. Kellogg, and J. R. Stauffer, Jr. 1997. Food resource partitioning by nine sympatric darter species. *Trans. Am. Fish. Soc.* 126:822-840.
135. Hale, E. and J. R. Stauffer, Jr. 1997. Lake Malaŵi fish production is linked to landscape ecology. *Cichlid News* 6:10-12.
136. Turner, G. F. and J. R. Stauffer, Jr. 1998. Three new deep water cichlid fishes of the genus *Diplotaxodon* from Lake Malawi, with a redescription of *Diplotaxodon ecclesi*. *Ichthol. Explor. Freshwaters* 8:239-252.
137. Argent, D.G., R. F. Carline and J. R. Stauffer, Jr. 1998. Changes in the distribution of Pennsylvania Fishes: the last 100 years. *Journal of the Pennsylvania Academy of Sciences*: 72:32-37.
138. Taylor, M. I., G. F. Turner, R. L. Robinson, and J. R. Stauffer, Jr. 1998. Sexual selection, parasites and bower height skew in a bower building cichlid fish. *Animal Behavior* 56:379-384.
139. Kellogg, K. A., J. A. Markert, J. R. Stauffer, Jr. and T. D. Kocher. 1998. Intraspecific brood mixing and reduced polyandry in a maternal mouth-brooding cichlid. *Behav. Ecol.* 9:309-312.
140. Gray van Snik, E. and J. R. Stauffer, Jr. 1999. Comparative microhabitat use of ecologically similar fishes. *Envir. Biol. Fishes* 56:443-453.
141. Stauffer, J. R. Jr., isa Posner, and R. Seltzer. 1999. Hunting strategies of a Lake Malawi cichlid with reverse countershading. *Copeia*. 1999:1108-1111.
142. Hale, E. A., J. R. Stauffer, Jr. and M. D. Mahaffy. 1999. Exceptions to color being a sexually dimorphic character in *Melanochromis auratus* (Boulenger) (Pisces: Cichlidae) *Ichthyol. Explor. of Freshwaters*. 10:263-266.

143. Kellogg, K. A., J. R. Stauffer, Jr. and K. R. McKaye. 2000. Characteristics that influence male reproductive success on a cichlid lek. *Beh. Ecol. & Sociobiol.* 47:164-170.
144. Sager, D. R., C. H. Hocutt and J. R. Stauffer, Jr. 2000. Base and stressed ventilation rates for *Leiostomus xanthurus* Lacepede and *Morone americana* (Gmelin) exposed to strobe lights. *J. Appl. Ichthyology* 16:89-97.
145. Argent, D. G., R. F. Carline, J. R. Stauffer, Jr. 2000. A method to identify and conserve rare fishes in Pennsylvania. *Journal of the Pennsylvania Acad. of Sci.* 74:3-12.
146. Sager, D. R., C. H. Hocutt, J. R. Stauffer, Jr. 2000. Avoidance behavior of *Morone americana*, *Leiostomus xanthurus* and *Brevoortia tyrannus* to strobe light as a method of impingement mitigation. *Environmental Science & Policy* 3:393-403.
147. Angermeier, P. L., R. A. Smogor, and J. R. Stauffer, Jr. 2000. Regional frameworks and candidate metrics for assessing biotic integrity in mid-Atlantic Highland Streams. *Tran. Amer. Fish. Soc.* 129:962-981.
148. Gray van Snik, E. and J. R. Stauffer, Jr. 2001. Substrate choice by three species of darters (Teleostei: Percidae) in an artificial stream: effects of a nonnative species. *Copeia* 2001:254-261.
149. Stauffer, J. R., Jr., and K. R. McKaye. 2001. The naming of cichlids. *Cichlid Research: State of the Art. Journal of Aquaculture and Aquatic Sciences* 9:1-16.
150. Kellogg, K. A., J. R. Stauffer, Jr., K. R. McKaye. 2001. Using cichlids to control parasitic diseases. *Cichlid Research: State of the Art. Journal of Aquaculture and Aquatic Sciences* 9:79-88.
151. McKaye, K. R., J. R. Stauffer, Jr., G. Turner, A. Konings, T. Sato. 2001. Fishes, as well as birds, build bowers. *Cichlid Research: State of the Art. Journal of Aquaculture and Aquatic Sciences* 9:121-133.
152. Stauffer, J. R., Jr. and K. A. Kellogg. 2002. Description of a new species in the *Pseudotropheus williamsi* complex (Teleostei: Cichlidae), from Lake Malawi, Africa. *Copeia* 2002:146-151.
153. Argent, D. G., J. A. Bishop, J. R. Stauffer, Jr., R. F. Carline, W. L. Myers. 2002. Predicting freshwater fish distributions using landscape to level variables. *Fisheries Research* 1411:1-16.
154. Stauffer, J. R., Jr. and T. Sato. 2002. A new species of *Copadichromis* (Cichlidae) from Thumbi West Island, Lake Malawi, Malawi, Africa. *Ichthol. Explor. of Freshwaters* 13:91-95.
155. McKaye, K. R., A. Wiklund, J. Mponda, J. R. Stauffer, Jr. 2002. Fuel briquettes as a sustainable economic alternative to deforestation in the Lake Malawi ecoregion. *Sustainable Development International* 7: 105-108.
156. Stauffer, J. R., Jr. and K. R. McKaye. 2002. Descriptions of three new species of cichlid fishes (Teleostei: Cichlidae) from Lake Xiloá, Nicaragua. *Cuadernos de la Investigación de la UCA* 12: 1-18.
157. McKaye, K. R., J. R. Stauffer, Jr., E. P. Van den Berghe, R. Vivas, L. J. Lopez Perez, J. K. McCrary, R. Waid, A. Konings, W. J. Lee, T. D. Kocher. 2002. Behavioral, morphological, and genetic evidence of divergence of the Midas

- cichlid species complex in two Nicaraguan crater lakes. Cuadernos de la Investigación de la University of Central America. 12: 19-47.
158. Stauffer, J.R. Jr., McKaye, K.R., and Konings, A.F. 2002. Behaviour: An Important Diagnostic Tool for Lake Malawi Cichlids. *Fish and Fisheries* 3: 213-224.
 159. Ruffing, R. A., P. M. Kocovsky, J. R. Stauffer, Jr. 2002. An introduction to species concepts and speciation of fishes. *Fish and Fisheries* 3: 143-145.
 160. Stauffer, J. R., Jr., P. M. Kocovsky, R. A. Ruffing. 2002. Species concepts and speciation of fishes: Concluding Remarks. *Fish and Fisheries* 3: 230-232.
 161. Jordan, R., K. Kellogg, F. Juanes, and J. R. Stauffer, Jr. 2003. Evaluation of female mate choice cues in a group of Lake Malaŵi *mbuna* (Cichlidae). *Copeia* 2003:181-186.
 162. van den Berghe, E. P., J. K. McCrary, K. R. McKaye, J. R. Stauffer, Jr., J. Volin, B. Murphy, L. Lopez, and S. Montenegro. 2003. Tilapia: The biological solution. *The Nicaraguan Academic Journal* 5:45-55.
 163. Ferreri, C.P., J.R. Stauffer, and T.D. Stecko. 2004. Evaluating impacts of mountain top removal/valley fill coal mining on stream fish populations. Pages 576-592 in R.I. Barnhisel (ed). Proceedings of a joint conference of the American Society of Mining and Reclamation 21st Annual National Conference and the 25th West Virginia Surface Mine Drainage Task Force Symposium, American Society of Mining and Reclamation, Lexington, KY.
 164. McKaye, K. R., A. T. Wiklund, J. R. Stauffer, Jr., A. Konings, H. Madsen, and O. Svensson. 2004. Bevarande av ett världens biologiska underverk: Cikliderna i Malawisjön. *Ciklidbladet*, 1: 8-17.
 165. Madsen, H., J. R. Stauffer, Jr., P. Bloch, A. Konings, K. R. McKaye, and J. S. Likongwe. 2004. Schistosomiasis transmission in Lake Malaŵi. *African Journal of Aquatic Sciences* 29:117-119.
 166. Tzilkowski, C. J. and J. R. Stauffer, Jr. 2004. Biology and diet of the northern madtom (*Noturus stigmosus*) and stonecat (*Noturus flavus*) in French Creek, Pennsylvania. *J. Pennsylvania Acad. Sci.* 78:3-11.
 167. Stauffer, J. R., Jr., E. Gray. 2004. Phenotypic plasticity: Its role in trophic radiation and explosive speciation in cichlids (Teleostei: Cichlidae). *Animal Biology*: 54: 137-158.
 168. Jordan, R., D. Howe, F. Juanes, J. R. Stauffer, Jr., E. Loew. 2004. Ultraviolet radiation enhances zooplanktivory rate in ultraviolet sensitive cichlids. *African Journal of Ecology* 42:228-211.
 169. Stauffer, J. R., Jr. K. A. Kellogg, and K. R. McKaye. 2005. Experimental evidence of female choice in Lake Malaŵi cichlids. *Copeia* 2005:657-660.
 170. Van Snik Gray, E., K. A. Kellogg, and J. R. Stauffer, Jr. 2005. Habitat shift of a native darter *Etheostoma olmstedi* (Teleostei: Percidae) in sympatry with a
 171. Lundeba, M, Likongwe, J.S., Madsen, H. & Stauffer, J.R. Jr. 2006. Preliminary study on the culture and breeding of *Bulinus nyassanus* (Mollusca: Pulmonata) under laboratory conditions. *African Zoology* 41:143-144.
 172. Stauffer, J. R., Jr., H. Madsen, K. McKaye, A. Konings, P. Bloch, C. Ferreri, J. Likongwe, and P. Makaula. 2006. Schistosomiasis in Lake Malaŵi:

- Relationship of fish and intermediate host density to prevalence of human infection. *EcoHealth* 3:22-27.
173. Evers, B. N., H. Madsen, K. R. McKaye and J. R. Stauffer, Jr. 2006. The schistosome intermediate host, *Bulinus nyassanus*, is a preferred food for the cichlid fish, *Trematocranus placodon*, at Cape Maclear, Lake Malaŵi. *Annals of Tropical Medicine*, 100: 75-85.
 174. Stauffer, J. R., Jr. and isa Posner. 2006. An investigation of the utility of feeding angles among Lake Malaŵi rock-dwelling cichlids (Teleostei: Cichlidae). *Copeia* 2006:289-292.
 175. Jordan, R., K. Kellogg, D. Howe, F. Juanes, J. Stauffer, Jr., and E. Loew. 2006. Photopigment spectral absorbance of Lake Malaŵi cichlids. *J. Fish Biology* 68:1291-1299.
 176. Stauffer, J. R., Jr. and A. F. Konings. 2006. Review of *Copadichromis* (Teleostei: Cichlidae) with the description of a new genus and six new species. *Ichthyol. Explor. of Freshwaters*. 17:9-42.
 177. Konings, A. F. and J. R. Stauffer, Jr. 2006. Revised diagnosis of *Metriaclima* with description of a new species (Teleostei: Cichlidae) from Lake Malaŵi National Park, Africa. *Ichthyo. Explor. of Freshwaters* 7:33-36.
 178. Ruffing, R. A., A. Lambert, J. R. Stauffer, Jr. 2006. Description of a new species of *Petrotilapia* (Teleostei, Cichlidae), from Lake Malaŵi, Africa. *Biol. Soc. of Wash.* 119:534-539.
 179. Stauffer, J. R., Jr., H. Madsen, A. Konings, P. Bloch, C. P. Ferreri, J. Likongwe, K. Black, K. R. McKaye. 2007. Taxonomy: A precursor to understanding ecological interactions among schistosomes, snail hosts, and snail-eating fishes. *Trans. Am. Fish. Soc.* 136:1136-1145.
 180. McCrary, J. K., B. R. Murphy, J. R. Stauffer, Jr., S. Hendrix. 2007. Tilapia (Teleostei: Cichlidae) status in Nicaraguan natural waters. *Environmental Biology of Fishes* 78:107-114.
 181. Lundeba, M., J. S. Likongwe, H. Madsen, and J. R. Stauffer, Jr. 2007. Potential of *Metriaclima lanisticola* for biological control of schistosome intermediate host snails. *African Zoology* 42:45-49.
 182. Stauffer, J. R., Jr. and P. M. Kocovsky. 2007. Exploring links between systematics and fisheries management. *Trans. Am. Fish. Soc.* 136:1122-1125.
 183. Stauffer, J. R., Jr., J. K. McCrary, and K. E. Black. 2008. Three new species of cichlid fishes (Teleostei: Cichlidae) from Lake Apoyo, Nicaragua. *Proc. Biol. Soc. Wash.* 121:117-129.
 184. Stauffer, J. R., Jr., and R. A. Ruffing. 2008. Behaviorally induced sex reversal of *Metriaclima* c.f. *livingstoni* (Cichlidae) from Lake Malaŵi. *Copeia* 2008:618-620.
 185. Jordan, R., D. Howe, K. Kellogg, F. Juanes, J. R. Stauffer Jr., and E. Garcia-Vazquez. (2008). Small-scale morphological differentiation in a cichlid may provide clues about rapidly diversifying systems. *African Journal of Ecology* 46: 107-109.
 186. Stauffer, J. R., Jr., H. Madsen, B. Webster, K. Black, D. Rollinson, A. Konings. 2008. *Schistosoma haematobium* in Lake Malaŵi: snail hosts (*Bulinus*

- globosus*, *Bulinus nyassanus*) susceptibility and molecular diversity. *J Helminthology* 82:377-382.
187. Freedman, J. A., T. D. Stecko, B. D. Lorson, and J. R. Stauffer, Jr. in press. Development and efficacy of an electrified benthic trawl for sampling large-river fish assemblages. *North American Journal of Fisheries Management*.
188. Freedman, J. A., T. D. Stecko, R. W. Criswell, and J. R. Stauffer, Jr. 2009. Extensions of the known ranges of *Percina shumardi* Girard and Tree Species of *Etheostoma* (subgenus *Nothonotus*) in Pennsylvania. *Pennsylvania Academy of Sciences* 83:42-44.
189. Konings-Dudin, G., A. F. Konings, J. R. Stauffer, Jr. 2009. Descriptions of three new species of *Melanochromis* (Teleostei: Cichlidae) and a redescription of *M. vermivorus*. *Zootaxa* 2076:37-59.
190. Cleaver, R. M., A. F. Konings, and J. R. Stauffer, Jr. 2009. Two new cave-dwelling cichlids of Lake Malaŵi, Africa. *Ichthy. Explor. of Freshwaters* 20:163-178.
191. Stauffer, J. R., Jr. and W. F. Loftus. in press. Brood parasitism of a bagrid catfish (*Bagrus meridionalis*) in Lake Malaŵi, Africa. *Copeia*.

BOOK REVIEWS

- Stauffer, J. R., Jr. 1980. Fourth National Workshop on Entrainment and Impingement. (L. D. Jensen, ed.). Book Review: *BioScience* 30(4):264-265.
- Stauffer, J. R., Jr. 1981. Handbook of Variables for Environmental Impact Assessment. (Larry Canter and Loren Hill, eds.). *Trans. Amer. Fish. Soc.* 10(1):189-190.
- Stauffer, J. R., Jr. 1988. Book Review: Ecology of Biological Invasions. (R. H. Groves and J. J. Burton eds.) *BioScience*.
- Stauffer, J. R., Jr. 1990. Book Review: International Introductions of Inland Aquatic Species. (R. L. Welcomme). *Trans. Amer. Fish. Soc.* 119(4):787-788.
- Stauffer, J. R., Jr. 1998. Book Review: Biodiversity Dynamics and Conservation. The Freshwater Fish of Tropical Africa. *Freshwater Biology* 40:195-200.
- Stauffer, J. R., Jr. 2003. Book Review: The Cichlid Fishes: Nature's Grand Experiment in Evolution (George Barlow). *Trans. Amer. Fish. Soc.* 132:173-174.