

Poster #	POSTER SESSION
* Student Poster	Tuesday , April 12th, 7:00 - 9:00 pm
	Moderator: Patricia A. Morrison, U.S. Fish and Wildlife Service, Williamstown, WV
	Advances in the Propagation of Mollusks
PO 01*	INNOVATIONS IN THE PROPAGATION OF FRESHWATER MUSSELS (UNIONIDAE). <u>M.E. Bradley</u> , M.C. Barnhart, B.R. Bosman, and A.L. Cravens
PO 02*	THE INFLUENCE OF DIFFERENT FOOD MIXTURES ON SURVIVAL AND GROWTH OF JUVENILE FRESHWATER PEARL MUSSELS (MARGARITIFERA MARGARITIFERA). <u>T. Eybe</u> , F. Thielen, T. Bohn, and B. Sures
PO 03	HOST FISH ASSESSMENT AND GRAVIDITY FOR THE MUSSEL <i>ELLIPTOIDEUS SLOATIANUS</i>. <u>A. Hartzog</u>
PO 04	DOES SURVIVAL AND GROWTH INCREASE WHEN THE JUVENILE OYSTER MUSSEL (EPIOBLASMA CAPSAEFORMIS) IS FED BIOFLOCS PRODUCED FROM TILAPIA WASTEWATER? <u>M.E. Vincie</u> , R.J. Neves, S.R. Craig, C.M. Gatenby, and E. McLean
PO 05	GROWTH AND SURVIVAL OF JUVENILE PAPER POND SHELLS, UTTERBACKIA IMBECILLIS, REARED ON BACTERIAL BASED DIETS ISOLATED FROM THE ENVIRONMENT. <u>C. Frederick</u> , C.Owen, and R. Durborow
PO 06	PROPAGATION, RELEASE AND MONITORING OF JUVENILE MUSSELS OF TWO ENDANGERED MUSSEL SPECIES EPIOBLASMA CAPSAEFORMIS AND EPIOBLASMA BREVIDENS IN THE CLINCH AND POWELL RIVERS, TENNESSEE AND VIRGINIA. <u>D. Hua</u> , J. Jones, and R.J. Neves
PO 07*	NEW INVESTIGATIONS INTO THE NATURE AND FUNCTION OF THE CRYSTALLINE STYLE IN FRESHWATER MUSSELS, WITH A REVIEW OF NELSON (1918). <u>A. McDonald</u>
	Evolution and Systematics
PO 08*	IMPLICATIONS OF PHYLOGEOGRAPHIC STRUCTURE IN THE ELLIPSE MUSSEL (<i>VENUSTACONCHA ELLIPSIFORMIS</i>) AND THE OZARKIAN ENDEMIC BLEEDINGTOOTH MUSSEL (<i>V. PLEASII</i>). <u>A.T. Harris</u> and D.T. Zanatta
PO 09	WESTERN PIGTOES: A PRELIMINARY MOLECULAR ANALYSIS OF <i>FUSCONAIA</i> AND <i>PLEUROBEMA</i> (UNIONIDAE) FROM WEST OF THE MISSISSIPPI RIVER. <u>D.M. Hayes</u> , K. Inoue, J. Serb, J.L. Harris, and A.D. Christian
PO 10*	PHYLOGENETIC AND MORPHOMETRIC ANALYSES REVEAL PHENOTYPIC PLASTICITY IN FRESHWATER MUSSELS: SYNONYMY OF <i>VILLOSA ARKANSASENSIS</i> AND <i>OBOVARIA JACKSONIANA</i>. <u>K. Inoue</u> , D.M. Hayes, J.L. Harris, and A.D. Christian
PO 11*	MISIDENTIFICATION OF FRESHWATER MUSSEL SPECIES (BIVALVIA: UNIONIDAE): CONTRIBUTING FACTORS, MANAGEMENT IMPLICATIONS, AND POTENTIAL SOLUTIONS. <u>C.P. Shea</u> , J.T. Peterson, J.M. Wisniewski, and N.A. Johnson
PO 12*	GENETIC DIVERSITY AND CRYPTIC SPECIATION OF PHYSA SPECIES (GASTROPODA: PHYSIDAE) IN THE CHIHUAHUAN DESERT. <u>M.G. Sugita</u> , K. Inoue, B.K. Lang, and D.J. Berg

PO 13	THE HERBERT D. ATHEARN SPHAERIIDAE COLLECTION OF THE NORTH CAROLINA STATE MUSEUM OF NATURAL SCIENCES. <u>J.M. Smith</u> and A.E. Bogan
Habitat Restoration and Assessment	
PO 14	DETERMINATION OF STRATEGIC HABITAT UNITS FOR LISTED MUSSELS IN THE MOBILE RIVER BASIN. P.E. O'Neil, <u>S.W. McGregor</u> , E.A. Wynn, and J. Powell
PO 15	STUDENTS SAVING SNAILS: USING GASTROPODS TO CONNECT KIDS WITH NATURE. <u>M.J. Pinder</u> , M.S. Gilley, and A.E. Duncan
PO 16	HABITAT RESTORATION MEASURES FOR THE FRESHWATER PEARL MUSSEL (MARGARITIFERA MARGARITIFERA) IN THE LOW MOUNTAIN RANGE OF THE ARDENNES IN LUXEMBOURG. <u>F. Thielen</u> , T. Eybe, T. Muller, M. Molitor, and A. Arendt
PO 17*	TEAM ESTONIA MUSSEL PROJECT: STUDENTS MONITORING FRESHWATER MUSSEL GROWTH AND SURVIVAL ON A BIOLOGICALLY DIVERSE RIVER. <u>T. Vencil</u>
Life History and Population Ecology	
PO 18*	EFFECT OF A SMALL DAM ON <i>ELLIPTIO ARCA</i> POPULATION GENETICS IN AN ALABAMA STREAM. <u>E.F. Abernathy</u> , E.E. Singer, L.M. Siefferman, and M.M. Gangloff
PO 19*	Temperature Effects on Burrowing Behavior of <i>Potamilus alatus</i>, Pink Heelsplitter, a Freshwater Mussel Abundant in Kentucky Lake. <u>J.E. Block</u> , G.W. Gerald, and T.D. Levine
PO 20*	REPRODUCTIVE BIOLOGY AND HOST FISHES OF 4 UNIONIDS FROM THE PONCHARTRAIN BASIN, LOUISIANA. <u>W.M. Daniel</u> , K.M. Brown, W. Kelso, and G. George
PO 21	EXPERIMENTAL STOCKING OF AMERICAN EELS IN THE SUSQUEHANNA RIVER WATERSHED. <u>J. Devers</u> , W. Lellis, and H. Galbraith
PO 22*	THE RELATIONSHIP BETWEEN LAMPSILIS RADIATA LUTEOLA ON DIFFERENT SIDES OF OHIO'S NORTHERN DIVIDE. <u>N. Evans</u> and R.A. Krebs
PO 23*	HIODON HOST FOUND FOR ESTRANGED EBONYSHELL. <u>B.R. Bosman</u>
PO 24	EFFECT OF ENHANCED SHELL STRUCTURE ON FUNCTIONAL BURROWING TRAITS IN POTAMILUS ALATUS. <u>T.D. Levine</u> , and G.W. Gerald
PO 25	BROODING BEHAVIOR AND HOST SPECIFICITY ON FRESHWATER DRUM IN FOUR UNIONID SPECIES. <u>B.E. Sietman</u> , M.C. Hove, and J.M. Davis
PO 26	EARLY LIFE HISTORY AND DISTRIBUTION OF TRITOGONIA VERRUCOSA IN MINNESOTA AND WISCONSIN. <u>M.Hove</u> , B. Sietman, J. Bakelaar, J. Bury, D. Heath, V. Pepi, J. Kurth, M. Davis, and D. Hornbach
PO 27	SNAIL SPECIES RICHNESS AND A MUSSEL POPULATION ASSESSMENT IN THE FRESH WATERS OF ACADIA NATIONAL PARK. <u>B.J. Stephen</u>
PO 28	WHY ARE MUSSELS LARGER AND POPULATIONS DENSER IN THE SUNRISE RIVER THAN IN THE ST. CROIX RIVER? <u>D.J. Hornbach</u> , E. Griffin, B. Sanson, and M.C. Hove

State and Regional Management of Mollusks	
PO 29	EFFECTS OF FOOD QUALITY ON JUVENILE UNIONID MUSSEL SURVIVAL AND GROWTH IN THE ST. CROIX NATIONAL SCENIC RIVERWAY. <u>M. Bartsch</u> , W. Richardson, L. Bartsch, J. Vallazza, and B. Moraska
PO 30	RECORDING FIELD DATA CRITICAL FOR CONDUCTING CONSERVATION STATUS REVIEWS OF IMPERILED UNIONOID MUSSELS. <u>B. Butler</u>
PO 31	RECOVERING THE RIFFLESHELL: THE PROPAGATION AND TRANSLOCATION OF A FEDERALLY ENDANGERED FRESHWATER MUSSEL TO OHIO. G.T. Watters, <u>T. Gibson</u> , C. Lawlis, J. Cecil, and H. Albin
PO 32*	HYDROGEOMORPHIC LEGACY OF A MASS-EXTINCTION EVENT: HABITAT ECOLOGY OF MUSSELS IN THE EAST FORK TOMBIGBEE RIVER. <u>B.A. Hamstead</u> , P.D. Hartfield, and M.M. Gangloff
PO 33*	SURVEY AND HABITAT USE OF THE MUSSEL FAUNA OF THE CLARKS RIVER, KY. <u>K. Mueller</u> , D.S. White, and T.D. Levine
PO 34	NORTHERN RIFFLESHELL REINTRODUCTION IN ILLINOIS: SUMMARY OF ACTIVITIES FROM 2010. <u>J.S. Tiemann</u> , R.E. Szafoni, J. Kath, and K.S. Cummings
PO 35	MUSSEL MONITORING PROGRAM OF WISCONSIN, BEGINNINGS OF CITIZEN VOLUNTEER EFFORTS. <u>L. Kitchel</u> and P. White
Systems and Community Ecology	
PO 36*	POTENTIAL FACILITATION OF <i>CORBICULA FLUMINEA</i> BY UNIONIDS. <u>C.L. Atkinson</u> and C.C. Vaughn
PO 37	A SURVEY OF FRESHWATER MUSSELS (UNIONOIDA) AND PLEUROCID SNAILS IN FLOYDS FORK, A MEDIUM-SIZED STREAM NEAR LOUISVILLE, KENTUCKY. <u>T.T. Brown</u> , P.L. Droppelman, and S. Slankard
PO 38*	EFFECTS OF NATIVE FRESHWATER MUSSELS ON RIVER PHYTOPLANKTON. <u>C.J. Miller-DeBoer</u> and C.C. Vaughn
PO 39	A MUSSEL COMMUNITY ASSESSMENT TOOL FOR THE UPPER MISSISSIPPI RIVER. <u>H. Dunn</u> , S. Zigler, and T. Newton
PO 40	STATUS OF FRESHWATER MOLLUSKS IN THE SOUTH FORK KENTUCKY RIVER SYSTEM. <u>R. Evans</u>
PO 41	FRESHWATER MUSSEL SURVEYS OF CONEWANGO CREEK IN PENNSYLVANIA, A UNIQUE TRIBUTARY OF THE ALLEGHENY RIVER. <u>E.S. Meyer</u>
PO 42*	EFFECTS OF BEAVER AND MILL DAMS ON SUSPENDED ORGANIC MATTER AND FRESHWATER MUSSELS IN NORTH CAROLINA PIEDMONT STREAMS. <u>R.A. Hoch</u> and M.M. Gangloff
PO 43*	EFFECTS OF SMALL DAMS ON NORTH CAROLINA MUSSEL ASSEMBLAGES. <u>M.A. McCormick</u> and M.M. Gangloff
Water Quality and Ecotoxicology	
PO 44	DEVELOPMENT OF LABORATORY TESTS TO DETERMINE THERMAL TOLERANCE OF JUVENILE FRESHWATER MUSSELS IN SEDIMENT. <u>J.M. Archambault</u> , W.G. Cope, T.J. Kwak, and T.J. Pandolfo

PO 45	MULTISCALE MODELING TO ASSESS THE EFFECTS OF CLIMATE AND LAND USE CHANGES ON COMMON AND IMPERILED FRESHWATER MUSSEL OCCURRENCE IN THE TAR RIVER, NC AND THE ST. CROIX AND MISSISSIPPI RIVERS IN THE UPPER MIDWEST, USA. <u>J.A. Daraio</u> , and J.D. Bales
PO 46	EFFECTS OF SUB-LETHAL TEMPERATURES ON ADULT AND JUVENILE FRESHWATER MUSSELS. <u>A. Ganser</u> , T. Newton, and R. Haro
PO 47	MODELING EFFECTS OF CLIMATE AND LAND USE CHANGES ON COMMON AND IMPERILED FRESHWATER MUSSEL OCCURRENCE IN THE TAR RIVER BASIN, NORTH CAROLINA. <u>T.J. Pandolfo</u> , T.J. Kwak, W.G. Cope, R.J. Heise, and R.B. Nichols
PO 48	TOXICITY OF COAL-ASSOCIATED CONTAMINANTS IN SEDIMENT TO FRESHWATER MUSSELS AND COMMONLY TESTED BENTHIC INVERTEBRATES. <u>N. Wang</u> , J. Kunz, C. Ingersoll, W. Brumbaugh, C. Kane, B. Evans, S. Alexander, C. Walker, S. Bakaletz, and R.C. Lott,
PO 49	USING METABOLOMICS TO INVESTIGATE ENDOCRINE STRESS IN ELLIPTIO COMPLANATA. <u>J.A. Leonard</u> , W.G. Cope, M.C. Barnhart, and R.B. Bringolf
PO 50	IDENTIFYING MICROBIAL PATHOGENS CAUSING DISEASE IN FRESHWATER BIVALVES IN KENTUCKY. <u>K. Campbell</u> , R. Durburow, and C. Owen