

CURRICULUM VITAE

JOHN B. IVERSON

PERSONAL:

Born: 4 October 1949; Omaha, Nebraska
Weight: 73 kg (160 lbs); Height: 173 cm (5'8")
Married: 1971; wife, elementary school teacher (since 1969);
two male children, born 1984 and 1987
Home address: 2349 Airport Road
Centerville, Indiana 47374
Office: Dept. of Biology
Earlham College
Richmond, Indiana 47374
Phone: 1-765-983-1405 [johni@earlham.edu;
www.earlham.edu/~johni]

EDUCATION:

Omaha NE Public School System (to June 1967)
B.A. (Summa Cum Laude) in 1971, Hastings College, Hastings, NE
Majors: Biology and Mathematics; minor: Chemistry
Undergraduate GPA: 3.92
M.S. in Zoology in 1974, University of Florida, Gainesville
Thesis: Geographic variation in the musk turtle, *Sternotherus minor*
(Agassiz). 78 pp.
Ph.D. in Zoology in 1977, University of Florida. GPA: 3.82
Thesis: Behavior and ecology of the rock iguana, *Cyclura carinata*. 378
pp.

ACADEMIC POSITIONS - PREDOCTORAL:

President's Fellow, Hastings College, 1967-1971
Laboratory Assistant in Comparative Anatomy, Hastings College 1970-1971
Graduate Research Fellow in Zoology, University of Florida, 1971-1972
Graduate Teaching Assistant in Comparative Vertebrate
Morphology and Invertebrate Zoology, University of Florida, 1972-1973
Graduate Research Assistant, University of Florida, 1973-1974
(awarded in all-school competition on merit of research project)
Graduate Research Assistant to Dr. Archie Carr, University of Florida
1974-1976; standardization, computerization, and analysis of 20 years'
data on sea turtles
Field Biology Instructor, in Florida, Hastings College, January 1973, 1975,
1977, 1978
Assistant to Field Biology Instructor in Arizona and Mexico, Hastings College,
January, 1976
Graduate Teaching Assistant in General Biology, Vertebrate Embryology,
and Genetics, University of Florida, 1976-1977

ACADEMIC POSITIONS - POSTDOCTORAL:

Department of Natural Sciences, Florida State Museum, University of Florida
Adjunct Assistant Curator of Herpetology, 1977 on

Earlham College

Assistant Professor, Department of Biology (1978-84);

Convener, Science Division (1981-84);

Director, Joseph Moore Museum (1982 on);

Associate Professor, Department of Biology (1984-88);

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Professor, Department of Biology (1988 on);

Convener, Department of Biology (1984-85 and 1988-91);

Courses taught include: Ecological Biology, Vertebrate Zoology, Field

Vertebrate

Zoology, Comparative Animal Physiology, Human Biology, Tropical
Biology (in the West Indies, Costa Rica, and the Galapagos Islands);

Senior seminars in Island Biogeography, Symbiosis, Biological
Coloration, Herpetology, and Marine Biology.

Committees include: Museum Advisory, 1978 on

Backcampus Planning, 1978 on

Statistics in Education, 1978-1979

Greenhouse, 1979-1980

Health Services, 1979-1981 (chairman, 1979-1980)

Teaching and Learning, 1980-1982

Curricular Policy Committee, 1980-84, 1998-2001

Quantitative Literacy Committee, 1981-83

Computer software Committee, 1982-83

Phi Beta Kappa Selection Committee, 1982 (convener)

Budget Committee, 1984-87, 1993-97, 2007 on

International Education Advisory, 1984-86

Academic Computer Committee, 1991-93

Graduate Fellowship Committee, 1991-96

Dennis Hall Facilities Renovation Committee, 1999-2001

Faculty Affairs Committee, 2002-06 (convener, 2005)

Institutional Animal Care and Use Committee, 2002 on

Science Complex Facilities Planning Committee, 2005-2006

PROFESSIONAL SOCIETIES

American Association for the Advancement of Science, 1977 on

American Association of Museums, 1981 on

American Society of Ichthyologists and Herpetologists, 1972 on [local
committee, Gainesville, Florida, 1977; Nomenclature Committee,
1982-87); Joint ASIH/HL/SSAR Committee on Standard English
and Scientific Names, 1997 on] (Life member)

Cactus and Succulent Society of America, 1978-89

Chelonian Conservation Biology, 1993 on [Editor, 1993 on]

Ecological Society of America, 1977 on (Life member)

Florida Academy of Sciences, 1977-96

International Iguana Society, 1991-2004 (Founding member) [Board

member 1991-96; Associate Editor, 1991-2004]
International Reptile Conservation Foundation, 2005 on [Associate Editor, 2005 on]
Indiana Academy of Sciences, 1977 on
Herpetological Conservation and Biology (free, on-line) [Editorial staff, 2006
on]
Herpetologists' League, 1972 on [Executive Council, 1980-83; Membership
Committee, 1983-84; Editor, Systematics and Morphology section
1986-89; Vice-President 1994-1995; President, 1996-97; Past-President
On Board, 1998-2003] (Life Member)
Marginata (German chelonian journal) (Advisory Board, 2003 on)
Society for the Study of Reptiles and Amphibians, 1972 on [Student Award
Committee, 1978-1981; Elector, 1982-84; Grants-in-Herpetology,
1981-82, 1983-84; Nominating Committee, 1988; Board of Directors,
1996-00] (Life member)
Southwestern Association of Naturalists, 1988 on (Life member)
International Society for the History and Bibliography of Herpetology, 2001 on
(Life member)
Salamandra [Editorial Board, 2006 on]

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OTHER ORGANIZATIONS

Bahamas National Trust (member 1976 on; Science Advisory Committee 2006 on)
Freshwater Turtle and Tortoise Specialist Group, International Union for
Conservation of Nature and Natural Resources (IUCN) (charter
member, 1980 on)
Iguana Specialist Group, International Union for Conservation
of Nature and Natural Resources (IUCN) (charter member, 1997 on;
Steering Committee, 2003 on)
Indiana Department of Natural Resources Non-game Wildlife Advisory
Committee (1984 on)
Association des Amis du Laboratoire des Reptiles et Amphibiens du Museum, Paris
(U.S. Treasurer, 1996 on)
Cope Environmental Center (Founding Member; 1998 on)
Society for the Conservation of Reptiles and Amphibians (SCRA), Scientific
Advisory Board member (2000 on)
The Tortoise Reserve (Board Member 2000 on)
Alliance for the Captive Conservation of Asian Turtles (founding Board member, 2001
on)
Turtle Survival Alliance, Scientific Advisory Committee (2002 on)
Nebraska's Natural Legacy Project (Scientific advisor for reptiles & amphibians, 2003
on)

REVIEWER FOR FOLLOWING JOURNALS (over past 10 years)

American Midland Naturalist
Animal Behavior
Biological Conservation
Biodiversity and Conservation
Canadian Journal of Zoology
Caribbean Journal of Science
Chelonian Conservation and Biology

Copeia
Ecology
Florida Field Naturalist
Florida Scientist
Herpetologica
Journal of Herpetology
Journal of Experimental Zoology
Museum of Comparative Zoology (Harvard): Breviora
Physiological Zoology
Quarterly Review of Biology
Southwestern Naturalist

RESEARCH CONTRACTS AND GRANTS

Assistant Investigator: New York Zoological Society grants (to Walter Auffenberg) 1973-1974, 1974-1975, 1975-1976. Status, Ecology, and Conservation of the West Indian Rock Iguana (*Cyclura*).

Principal Investigator: Sigma Xi Grant-in-Aid of Research 1977-1978, and Theodore Roosevelt Memorial Fund Grant 1977-1978. Ecology and Systematics of the mud turtles (genus *Kinosternon*) inhabiting the interior drainage basins of the Mexican Plateau.

Assistant Investigator: BLM grant (contracted by the Center for Natural Areas to Archie

F.

Carr) 1977-1978. A summary and analysis of sea turtle research on the

Continental

Shelf from Cape Hatteras to Cape Canaveral.

Principal Investigator: American Philosophical Society 1978. Ecology and systematics

of

the mud turtles (genus *Kinosternon*) of the southern Mexican Plateau.

Principal Investigator: Earlham College Faculty Development Grant 1979. Ecology and systematics of freshwater turtles in Oaxaca, Mexico.

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Principal Investigator: The Center for Field Research (EARTHWATCH). 1980.

Distribution and Ecology of the Bahaman Rock Iguana.

Principal Investigator: National Science Foundation. 1980 - 1982. Systematics and Evolution of the turtle family Kinosternidae.

Principal Investigator: The Center for Field Research (EARTHWATCH). 1981.

Distribution and Ecology of the Bahaman Rock iguana.

Principal Investigator: Distribution and Taxonomy of the northern populations of the yellow mud turtle, *Kinosternon flavescens*. 1981-1983. Division of Wildlife Ecology Research, U. S. Fish and Wildlife Service.

Principal Investigator: Earlham College Faculty Development Grant 1981. Ecology of

the

yellow mud turtle (*Kinosternon flavescens*) in the Nebraska Sandhills.

Principal Investigator: Earlham College Faculty Development Grant 1982. Distribution and ecology of mud turtles, genus *Kinosternon*, in Sonora and Chihuahua, Mexico.

Principal Investigator: Distribution and status of the yellow mud turtle in Arizona and Sonora, Mexico. 1983-84. U. S. Fish and Wildlife Service (through Arizona Game and Fish Department).

Principal Investigator: Systematics of the turtle family Kinosternidae; Microcomputer

equipment support. National Science Foundation. Research in Undergraduate Institutions Program. 1984-85.

Principal Investigator: Distribution and status of Creaser's mud turtle on the Yucatan peninsula. New York Zoological Society. 1985.

Earlham College Professional Development grant: Spanish language development and Mexican multicultural studies in Cuernavaca, Mexico. Summer 1985.

mud
Earlham College Professional Development grant: Population dynamics of the yellow turtle in the Nebraska sandhills. Summer 1986.

Earlham College Professional Development grant: Distribution and status of Creaser's mud turtle on the Yucatan peninsula. Summer 1987.

mud
Earlham College Professional Development grant: Population dynamics of the yellow turtle in the Nebraska sandhills. Summer 1988.

Principal Investigator: A digital data base for the distribution of the turtles of the world. EPA grant. 1989-91.

PEW Science Cluster Summer Student-Faculty Research Program: Natural history of mud turtles of the Southwest. 1989.

Earlham College Professional Development grant: Systematics of Chinese batagurine turtles. \$1438. Summer 1990.

Co-Principal Investigator (with Dr. Brent Smith): Student-faculty research facilities renovation. National Science Foundation Facilities Renovation Grant. \$129,000. 1991-1993.

mud
Earlham College Professional Development grant: Population dynamics of the yellow turtle in the Nebraska sandhills. \$1820. Summer 1992.

Earlham College-Ford Foundation Student-Faculty Research Grant: Reproductive strategies of turtles. \$2495. 1992.

Co-Principal Investigator (with Dr. Brent Smith): Ecology laboratory instrumentation. National Science Foundation (ILI) Laboratory Instrumentation Program. \$60,191. 1993-95.

Earlham College Professional Development grant: Population biology of turtles in the Nebraska sandhills. \$1200. Summer 1994.

Earlham College Professional Development grant: Asian turtle systematics studies at New York museums/collections. \$700. Summer 1995.

systematics
Earlham College Professional Development grant: Library research on turtle at Cornell University. \$600. Summer 1996.

Co-Principal Project (with Drs. Margaret Stewart and Marvalee Wake): Grant for student travel to the Third World Congress of Herpetology (supporting student travel). National Science Foundation Conferences, Symposia, and Workshop Program \$18,478. 1997.

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Subcontractor for National Science Foundation grant (to A. Jon Kimerling of Oregon State):

Turtle biodiversity: Global data for a global community. \$80,852. 1998-2000.

Subgrantee for National Science Foundation grant (to Jon Costanzo of Miami University of Ohio and J. R. Layne of Slippery Rock): Ecophysiological

correlates

of vertebrate cold hardiness. \$6700. 1998-2001
Indiana Department of Natural Resources grant: Reptile and amphibian surveys of
southeastern Indiana. \$3300. 1998-2002.
Earlham College-Ford Foundation Student-Faculty Research Grant: Population biology
of
turtles in the Nebraska sandhills. \$1082. Summer 1999.
Earlham College Professional Development grant: Population studies of turtles at Dewart
Lake in northern Indiana. \$1106. Summer 2000.
U.S. Fish and Wildlife Service: Survey of the Amphibians and Reptiles of the North Platte
National Wildlife Refuge. \$7000. 2001-2002.
Earlham College Professional Development grant: Nesting biology of endangered
Bahamian
iguanas. \$2095. Summer 2001.
Earlham College Professional Development grant: Nesting philopatry of Bahamian
iguanas.
\$2095. Summer 2002.
Earlham College Professional Development grant: Physiological ecology of hatchling
painted turtles overwintering in their nests. \$1950. Summer 2003.
Merck/AAAS Undergraduate Science Research Program. Coauthor with 7 colleagues.
2003-2005. \$60,000.
Earlham Ford-Knight grant: Population demography of turtles in the Nebraska
Sandhills. Summer 2004. \$8450.
Borman Foundation: Support of educational outreach in the Joseph Moore Museum.
Sept 2005-July 2006. \$8000.
Wayne Foundation: Support of educational outreach in the Joseph Moore Museum.
(with Carol Stocksdale). Sept-Dec 2005. \$7000.
Borman Foundation: Support of educational outreach in the Joseph Moore Museum.
(with Carol Stocksdale). July 2006-June 2007. \$15,000.
KECK Foundation Computational and Multidisciplinary Curriculum and Research
Initiative grant to the Earlham College Science Division: Developing
curriculum
modules and student/faculty research projects focusing on metals in the
environment. 2007-2009. \$359,000.
American Philosophical Society: Phylogenetics of the turtle family Kinosternidae.
Collaboration with Dr. Minh Le of the American Museum of Natural History. Jan.
to Dec. 2007. \$4000.
Borman Foundation: Support of educational outreach in the Joseph Moore Museum
(primary author, Carol Stocksdale). June 2007-June 2008. \$15,000.
Borman Foundation: Articulation of cast of saber-toothed cat for Joseph Moore
Museum
exhibit. July 2007-June 2008. \$2700.
Howard Hughes Medical Institute: Undergraduate Science Education Program. Co-PI.
Submitted October 2007. \$1.5 million.
Borman Foundation: Support of educational outreach in the Joseph Moore Museum
(to be submitted January 2008). June 2008-June 2009. \$15,000.
Subcontractor for National Science Foundation grant (PI: Fred Janzen of Iowa State
University): Effects of climate change on TSD expression in painted turtles.
Submitted July 2008: \$500,000
National Science Foundation: Population genetics studies of West Indian Iguanas.
Collaborator (with Drs. Bill Modi and Glenn Gerber; San Diego Zoological Park

Center for Reproduction of Endangered Species. To be submitted Dec 2008 (ca. \$500,000).

GRADUATE STUDENT COMMITTEES (ad hoc member in last ten years)

Jeanne Serb (Master's; University of Illinois; 1996-1998)
Sarah Converse (Master's; University of Nebraska at Lincoln; 1997-1999)
Chuck Knapp (Master's; University of Florida; 1997-1999; PhD. 2001-2005)
Jason Larson (Master's; Miami University; 1998-2000)
Steve Dinkelacker (PhD.; Miami University; 2000-2004)
Patrick Baker (Master's; Miami University, 2000-2003; PhD. 2003-2007)

AWARDS

Alpha Chi, Student Academic Honorary Society, Hastings College, 1968
Austin Award for Outstanding Graduate Student in Natural History, Florida State
Museum, University of Florida, 1975-1976
Phi Beta Kappa, University of Florida, 1977
Keepsakes into Capsheaves Award, Earlham College, June 1988
Sears-Roebuck Foundation Teaching Excellence and Campus Leadership Award, 1990
George Mikisch Sutton Award in Conservation Research of the Southwestern
Association of Naturalists, June 1991
Zoological Society of Japan, Zoological Science Award in Biodiversity and Evolution for
1996, based on paper by Yasakawa, Ota, and Iverson, 1995
Old Trail District Scouter's Plaque (1998; recognition for 6 years of leadership of Pack

94)

Indiana Professor of the Year, Carnegie Foundation for the Advancement of Teaching
and Council for the Advancement and Support of Education (CASE), 2005

PATRONYMS

Mauremys iversoni (Fujian Pond Turtle) Pritchard and McCord (1991, *Herpetologica*
47:139-147).

Leptotyphlops dulcis iversoni (Tamaulipas Blind Snake) Smith, van Breukelen, Auth and
Chiszar (1998, *Southwestern Naturalist* 43:437-440).

Humboldtiana iversoni (Nuevo León Land Snail) Thompson (2006, *The Nautilus* 120:21-
24).

RESEARCH INTERESTS

Ecology and systematics of kinosternid turtles.

Systematics of Asian geoemydid turtles

Ecology and behavior of endangered West Indian rock iguanas (genus *Cyclura*).

Morphological, physiological, and ecological aspects of the evolution of reptilian
herbivory

(especially in iguanas).

Reproductive systems and strategies in reptiles (primarily turtles).