

**Jason J. Van Tassell**  
**Curriculum Vitae**

Aquatic Ecology Laboratory  
Evolution, Ecology, and Organismal Biology  
The Ohio State University  
1314 Kinnear Road  
Columbus, OH 43212-1156

Phone: 614.292.1613  
FAX: 614.292.0181  
Email: [van-tassell.1@osu.edu](mailto:van-tassell.1@osu.edu)  
Website: <http://www.biosci.ohio-state.edu/~ael/>

**EDUCATION:**

**Ph.D.** In progress. *The Ohio State University*, Columbus, Ohio.

Major: Evolution, Ecology, and Organismal Biology.

Advisors: Roy A. Stein and Elizabeth A. Marschall

**Dissertation title:** *Influence of parental phenotypes in characteristics of early life history stages of walleye.*

**Licentiate in Philosophy.** 2002. *Stockholm University*, Sweden. **Fulbright Scholar.**

Major: Marine and Brackish Water Ecology.

Advisor: Sture Hansson

**Thesis title:** *Application of bioenergetics models for two fish species.*

**B.S.** 1999. *Utah State University*, Logan, Utah.

Major: Fisheries and Wildlife with honors and emphasis on Fisheries Management, and with minors in biology, mathematics, and statistics.

Advisor: David A. Beauchamp

**Honor thesis title:** *Kokanee and mysids influence on zooplankton dynamics and nutrients recycling in Lake Tahoe, Nevada-California, USA.*

**PROFESSIONAL EXPERIENCE:**

**Graduate Research Associate.** 2002-present. Department of Evolution, Ecology, and Organismal Biology (EEOB), The Ohio State University (OSU).

**Graduate Teaching Associate.** 2003, 2004. EEOB, OSU. Plankton (EEOB 647) and Theoretical Ecology II (Optimality models in ecology, EEOB 714).

**Graduate Research Associate.** 2000-2002. Stockholm University, Stockholm, Sweden.

**Co-instructor** with D.A. Beauchamp. 1999. Lake Billy Chinook bull trout modeling workshop. Madras, Oregon.

**Undergraduate Honors Research.** 1997-1998. Utah State University (USU).

**Research Assistant.** 1997-2000. USU.

**RESEARCH:**

Influence of parental phenotypes in characteristics of early life history stages of walleye.

Collaborators: Jacques Rinchar, Roy A. Stein, Konrad Dabrowski, and Elizabeth A.

Marschall. Funded by Ohio Department of Natural Resources, Sport Fish in Restoration. 2003-present.

Effect of temperature and elemental concentration on the chemical composition of juvenile percid otoliths. Collaborators: Paris D. Collingsworth, Elizabeth A. Marschall, and John

W. Olesik. Funded by Lake Erie Research Fund and National Oceanic Atmospheric Administration Administrative Special Award. 2004-2005.

Determining Stream Origin and Migration of Four Purported Walleye Stocks in Lake Erie Using Otolith Elemental Analysis. Collaborators: Jennell L. Bigrigg, Roy A. Stein, D. Derek Aday, Stuart A. Ludsin, and Brian J. Fryer. Funded by Ohio Department of Natural Resources, Sport Fish in Restoration and Lake Erie Research Fund. 2004-2006.

#### **HONORS AND AWARDS:**

Darwin Award, 2003. Best graduate student presentation for Darwin departmental seminar, EEOB, OSU.

**Fulbright Fellowship**, Sweden. 2000.

William T. "Bill" Helm Scholarships, USU. 1998.

Phelps/Ware Scholarships, USU. 1998.

Seely-Hinckley Scholarship. 1997. Two top students in College of Natural Resources, USU. Undergraduate Research and Creative Opportunities Grant, Utah State University. 1997.

Funded undergraduate research project.

William G. Kohner Scholarship, USU. 1996

William F. Sigler Scholarship, USU. 1996.

#### **PUBLICATIONS:**

Rinchard, J., K. Dabrowski, **J. J. Van Tassell**, and R. A. Stein. 2005. Optimization of fertilization success in *Sander vitreus* is influenced by the sperm : egg ratio and ova storage. Accepted in Journal of Fish Biology.

Beauchamp, D. A. and **J. J. Van Tassell**. 2001. Modeling trophic interactions of bull trout in Lake Billy Chinook, Oregon. Transactions of the American Fisheries Society 130:204–216.

Baldwin, C. M., D. A. Beauchamp, and **J. J. Van Tassell**. 2000. Predator-Prey interactions and diet of salmonids within the Strawberry Reservoir food web. Transactions of the American Fisheries Society 129:429–450. **Finalist for "Best paper of the year."**

#### **Manuscripts in preparation:**

**Van Tassell, J. J.**, and S. Hansson. **In Review**. Testing a bioenergetics model by predicting growth from a functional response. Journal of Fish Biology. (12 text pages, 1 tables, and 6 figures).

#### **Non-refereed Publications and Technical Reports:**

ICES Study Group on the Scientific Basis for Ecosystem Advice in the Baltic (SGBEAB)  
ICES CM 2000/H:03.

Beauchamp, D. A., and **J. J. Van Tassell**. 1999. Modeling trophic interactions of bull trout in Billy Chinook. Final report to the Portland General Electric and Oregon Fisheries and Wildlife Department.

Baldwin, C. M., R. W. Orme, **J. J. Van Tassell**, D. A. Beauchamp, and C. P. Gubala. 1999. Gamefish production and survival in Strawberry Reservoir. Final report to the Utah Division of Wildlife Resources, Salt Lake City, Utah.

Orme, R. W., **J. J. Van Tassell**, M. M. Mazur, D. A. Beauchamp. 1998. Population dynamics and interactions among fishes of Bear Lake. Annual report to the Utah Division of Wildlife Resources, Salt Lake City, Utah. Project F-47-R, Project #5.

#### **PROFESSIONAL SERVICE:**

Reviewer: Transactions of the American Fisheries Society and North American Journal for Fisheries Management.

Search Committee member for Aquatic Ecology Director, EEOB, OSU. 2005-2006.

Graduate Studies Committee member, EEOB, OSU. 2004-2005.

Oral Presentation Judge. 2004. 104<sup>th</sup> Annual Meeting of the American Fisheries Society.

Fundraising Chair. 2003-2004. Graduate Evolution and Ecology Student Organization, EEOB, OSU.

Oral and Poster Presentation Judge. 2003. 103<sup>rd</sup> Annual Meeting of the American Fisheries Society.

#### **PRESENTATIONS:**

**Van Tassell, J. J.**, and S. Hansson. A test and modification of a bioenergetics model for age-0 herring by incorporating its functional response and ambient prey density to predict growth. Presented at:

1. Darwin Awards Seminar, EEOB. October 2003.
2. Annual Meeting of the American Fisheries Society. August 2003.

**Van Tassell, J. J.**, F. Arrhenius, and S. Hansson. Young-of-year herring bioenergetics. IMSE – Informellt MiniSeminarium Fiskeriverkets Sötvattenslaboratorium, Stockholm, Sweden. February 2002. *Invited*

**Van Tassell, J. J.**, D. A. Beauchamp, G. Thiede, A. Jassby, C. K. Gemperle, M. W. Kershner, R. C. Richards, and C. R. Goldman. Influence of kokanee and mysids on zooplankton dynamics and nutrients recycling in Lake Tahoe. Presented at:

1. Annual Meeting of OIKOS, Uppsala, Sweden. February 2001.
2. ESA annual meeting, Spokane, Washington. August 1999.

**Van Tassell, J. J.**, D. A. Beauchamp, C. K. Gemperle, G. Thiede, R. Richards, and C. R. Goldman. Bioenergetic analysis of kokanee and mysid control of zooplankton dynamics in Lake Tahoe. Presented at:

1. 24<sup>th</sup> Annual International Kokanee Workshop, Kalispell, Montana. March 1998.
2. 2<sup>nd</sup> Joint meeting of the Bonneville and Wyoming-Colorado Chapters of AFS, Grand Junction, Colorado. February 1998.

#### **PROFESSIONAL ORGANIZATIONS:**

American Fisheries Society  
American Society for Limnology and Oceanography  
Ecological Society of America  
Fisheries Society of the British Isles  
International Association for Great Lakes Research