

CURRICULUM VITAE

**HENRY M. STREBY**

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National Science Foundation Postdoctoral Research Fellow  
University of Tennessee

Visiting Research Scholar  
University of California, Berkeley

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University of Minnesota

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**EDUCATION**

Ph.D. University of Minnesota – St. Paul, Minnesota (November 2010)  
Minnesota Cooperative Fish and Wildlife Research Unit  
Major: Wildlife Ecology and Management  
Minor: Statistics

M.S. Ohio University – Athens, Ohio (June 2005)  
Major: Ecology and Evolutionary Biology

B.S. Ohio University – Athens, Ohio (November 2001)  
Major: Wildlife Biology  
Certificate: Environmental Studies

***Additional postgraduate education***

2008, Preparing Future Faculty Program: University of Minnesota, St. Paul, Minnesota  
2004, Organization for Tropical Studies 04-1 Tropical Biology: Universidad de Costa Rica

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**PROFESSIONAL APPOINTMENTS**

August 2012 – Present

*National Science Foundation Postdoctoral Research Fellow in Biology*

Project: Range-wide migratory ecology and connectivity for full-life-cycle conservation of a climate-sensitive hybridizing songbird species complex: A large-scale collaboration including light-level geolocation, stable isotopes, genetics, color, and song analysis.

Sponsor: David A. Buehler, University of Tennessee, Department of Forestry Wildlife and Fisheries

August 2012 – Present

*Visiting Research Scholar*

University of California, Berkeley, Dept. of Environmental Science, Policy, and Management

April 2012 – Present

*Adjunct Assistant Professor*

University of Minnesota, Department of Fisheries, Wildlife, and Conservation Biology

December 2010 – August 2012

*Postdoctoral Research Associate*

University of Minnesota, Minnesota Cooperative Fish and Wildlife Research Unit

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## PEER-REVIEWED PUBLICATIONS

\* denotes undergraduate/field technician under my mentorship

All papers (pdf) are available at <[henrystreby.wix.com/research](http://henrystreby.wix.com/research)>

### *In Review*

35. Peterson, S.M., **H.M. Streby**, and D.E. Andersen. *In review*. Spatially explicit models of full-season productivity for multiple songbird species in complex landscapes. Ecological Applications.
34. Kramer, G.R, S.M. Peterson, **H.M. Streby**, and D.E. Andersen. *In review*. Landscape modeling of full-season productivity for multiple bird species in managed northern hardwood forests. Journal of Wildlife Management.
33. Brinkerhoff, R.J., E.N. Lane, I. Wazir, **H.M. Streby**, and M. Gimpel. *In review*. Life history characteristics of birds influence patterns of tick parasitism. Journal of Medical Entomology.

### *In Revision*

32. Peterson, S.M., **H.M. Streby**, G.R. Kramer, J. Feura, and D.E. Andersen. *In revision*. Ecology of brood division in golden-winged warblers. Behavioral Ecology.

### *In Press or Published*

#### **2015**

31. Peterson, S.M., **H.M. Streby**, G.R. Kramer, A.C. Fish, and D.E. Andersen. *In press*. High tech or field techs: radio telemetry is a cost-effective method for reducing bias in songbird nest searching. Condor: Ornithological Applications.
30. **Streby, H.M.**, G.R. Kramer, S.M. Peterson, J.A. Lehman, D.A. Buehler, and D.E. Andersen. 2015. Tornadic storm avoidance behavior in breeding songbirds. Current Biology. Published online 18 December 2014.  
*-reached 99<sup>th</sup> percentile of all articles ever tracked by Altmetric in less than 48 hours-*
29. **Streby, H.M.**, S.M. Peterson, G.R. Kramer, and D.E. Andersen. 2015. Post-independence fledgling ecology in a migratory songbird: implications for breeding-grounds conservation. Animal Conservation. Online early view now.
28. **Streby, H.M.**, R.W. Rohrbaugh, D.A. Buehler, D.E. Andersen, R. Vallender, D.I. King, J.L. Larkin, and T. Will. *In press*. Research on golden-winged warblers: recent progress and current needs. Studies in Avian Biology.

27. **Streby, H.M.**, T.L. McAllister, G.R. Kramer, S.M. Peterson, J.A. Lehman, and D.E. Andersen. *In press*. Minimizing marker mass and handling time when attaching radio transmitters and geolocators to small songbirds. Condor: Ornithological Applications.
26. Peterson, S.M., G.R. Kramer, **H.M. Streby**, J.A. Lehman, D.A. Buehler, and D.E. Andersen. *In press*. No effects of light-level geolocators on a small songbird. Condor: Ornithological Applications.
25. Peterson, S.M., **H.M. Streby**, and D.E. Andersen. *In press*. Spatially explicit models of full-season productivity and implications for landscape management of golden-winged warblers in the western Great Lakes region. Studies in Avian Biology.
24. Peterson, S.M., **H.M. Streby**, and D.E. Andersen. *In press*. Management implications of brood division in golden-winged warblers. Studies in Avian Biology.
23. **Streby, H.M.**, S.M. Peterson, and D.E. Andersen. *In press*. Golden-winged warbler fledgling habitat use and survival in the western Great Lakes region. Studies in Avian Biology.

#### 2014

22. **Streby, H.M.**, J.M. Refsnider, and D.E. Andersen. 2014. Redefining reproductive success in songbirds: moving beyond the nest-success paradigm. Auk: Ornithological Advances 131:718-726.
21. **Streby, H.M.**, J.M. Refsnider, S.M. Peterson, and D.E. Andersen. 2014. Retirement investment theory explains patterns in songbird nest-site choice. Proceedings of the Royal Society B 281:20131834. -Cover Image-
20. **Streby, H.M.**, S.M. Peterson, J.A. Lehman\*, G.R. Kramer\*, B.J. Vernasco\*, and D.E. Andersen. 2014. Do digestive contents confound body mass as a measure of relative condition in nestling songbirds? Wildlife Society Bulletin 38:305–310.

#### 2013

19. **Streby, H.M.** and D.E. Andersen. 2013. Movements, cover-type selection, and survival of fledgling ovenbirds in managed deciduous and mixed-coniferous forests. Forest Ecology and Management 287:9-16.
18. **Streby, H.M.**, S.M. Peterson, J.A. Lehman\*, G.R. Kramer\*, K.J. Iknayan\*, and D.E. Andersen. 2013. The effects of force-fledging and premature fledging on the survival of nestling songbirds. Ibis 155:616-620.
17. **Streby, H.M.** and D.E. Andersen. 2013. Survival of fledgling ovenbirds: influences of habitat characteristics at multiple spatial scales. Condor 115:403-410.
16. **Streby, H.M.** and D.E. Andersen. 2013. Testing common assumptions in studies of songbird nest success. Ibis 155:327-337.
15. **Streby, H.M.**, B. Scholtens, A.P. Monroe\*, S.M. Peterson\*, and D.E. Andersen. 2013. The Ovenbird (*Seiurus aurocapilla*) as model for testing food-value theory. American Midland Naturalist 169:214-220.
14. **Streby, H.M.**, S.M. Peterson, C.F. Gesmundo\*, M.K. Johnson\*, A.C. Fish\*, J.A. Lehman\*, and D.E. Andersen. 2013. Radio-transmitters do not affect seasonal productivity of female golden-winged warblers. Journal of Field Ornithology 84:316-321.

#### 2012

13. **Streby, H.M.** and D.E. Andersen. 2012. Movements and cover-type selection by fledgling ovenbirds after independence from adult care. Wilson Journal of Ornithology 124:621-626.

12. **Streby, H.M.**, J.P. Loegering, and D.E. Andersen. 2012. Spot mapping underestimates song-territory size and use of mature forest by breeding male golden-winged warblers in Minnesota, USA. Wildlife Society Bulletin 36:40-46. -Cover Image-
11. Peterson, S.M.\*, **H.M. Streby**, and D.E. Andersen. 2012. Effects of brood parasitism by brown-headed cowbirds may persist into post-fledging. Wilson Journal of Ornithology 124:183-186.

## 2011

10. **Streby, H.M.** and D.E. Andersen. 2011. Seasonal productivity in a population of migratory songbirds: why nest data are not enough. Ecosphere 2(78):1-15.
9. **Streby, H.M.**, S.M. Peterson\*, T.L. McAllister\*, and D.E. Andersen. 2011. Use of early-successional managed northern forest by mature-forest species during the post-fledging period. Condor 113:817-824.
8. **Streby, H.M.**, S.M. Peterson\*, and D.E. Andersen. 2011. Invertebrate availability and vegetation characteristics explain use of non-nesting cover types by mature forest songbirds during the post-fledging period. Journal of Field Ornithology 82:406-414.
7. Refsnider, J.M., T.S. Mitchell, **H.M. Streby**, J.T. Strickland, D.A. Warner, and F.J. Janzen. 2011. A generalized method to determine detectability of rare and cryptic species using the ornate box turtle as a model. Wildlife Society Bulletin 35:93-100.
6. Brinkerhoff, R.J., C. Folsom-O'Keefe, **H.M. Streby**, S.J. Bent, K. Tsao, D. Fish, and M. Diuk-Wasser. 2011. Regional variation in immature *Ixodes scapularis* parasitism on North American songbirds: implications for the spread of the Lyme pathogen, *Borrelia burgdorferi*. Journal of Medical Entomology 48:422-428.
5. Kapfer, P.M., **H.M. Streby**, B. Gurung, A. Simcharoen, C.C. McDougal, and J.L.D. Smith. 2011. Fine-scale spatiotemporal variation in tiger (*Panthera tigris*) diet in Chitwan National Park, Nepal. Wildlife Biology 17:1-9.

## 2010 and Earlier

4. **Streby, H.M.** and D.B. Miles. 2010. Assessing ecosystem restoration alternatives in eastern deciduous hardwood forest using avian nest survival. Open Environmental Sciences 4:39-48.
3. **Streby, H.M.**, S.M. Peterson\*, and P.M. Kapfer. 2009. Fledging success is a poor indicator of the effects of blow fly infestation on ovenbird survival. Condor 111:193-197.
2. **Streby, H.M.**, J.M. Refsnider, S.M. Peterson\*, and D.E. Andersen. 2008. Barred owl predation on hermit thrush and ovenbird fledglings. Journal of Raptor Research 42:296-298.
1. Refsnider, J., J. Moore, and **H. Streby**. 2008. *Sphenodon punctatus* (common tuatara): prey detection. Herpetological Review 39:347-348.

## In Preparation

- Streby, H.M.** In Prep. Is climate change causing a mismatch between breeding birds and breeding bird surveys? Target Journal: Global Change Biology.
- Streby, H.M.**, G.R. Kramer, S.M. Peterson, J.A. Lehman, D.E. Andersen, and D.A. Buehler. In Prep. Different breeding-wintering connectivity rates between two populations of a long-distance migratory songbird. Target Journal: Ecological Applications.
- Kramer, G.R., S.M. Peterson, D.E. Andersen, and **H.M. Streby**. In Prep. Latitudinal variation in population growth driven by weather-related fledgling survival in a migratory songbird. Target Journal: Ecology.

**Streby, H.M.** and D.E. Andersen. In Prep. Population growth and full-season habitat associations of a forest-nesting songbird. Target Journal: Journal of Wildlife Management.

Peterson, S.M., G.R. Kramer, and **H.M. Streby**. In Prep. Reassessing the 5% rule in songbird marking studies. Target Journal: Wildlife Society Bulletin.

### ***Citation Indices***

(as of 1 March 2015)

Citations	158
h-index	8
i10-index	5

### ***Edited Volume***

**Streby, H.M.**, D.E. Andersen, and D.A. Buehler, Eds. Golden-winged Warbler Ecology Conservation and Management. A 15-chapter volume of Studies in Avian Biology. In press with CRC Press. Release date July 2015.

### ***Agency Reports Authored***

Kramer, G.R., **H.M. Streby**, S.M. Peterson, and D.E. Andersen. 2014. Range-wide migratory connectivity for full-cycle conservation of the golden-winged warbler, a climate-sensitive songbird of highest conservation concern: Annual Summary Report. Research Work Order 98, U.S. Geological Survey, Minnesota Cooperative Fish and Wildlife Research Unit.

**Streby, H.M.**, G.R. Kramer, S.M. Peterson, and D.E. Andersen. 2013. Range-wide migratory connectivity for full-cycle conservation of the golden-winged warbler, a climate-sensitive songbird of highest conservation concern: Annual Summary Report. Research Work Order 98, U.S. Geological Survey, Minnesota Cooperative Fish and Wildlife Research Unit.

**Streby, H.M.**, S.M. Peterson, and D.E. Andersen. 2013. Golden-winged warbler demography and habitat associations in Minnesota. Final Report to Minnesota Department of Natural Resources and U.S. Fish and Wildlife Service.

**Streby, H.M.** and D.E. Andersen. 2011. Nesting success of golden-winged warblers in managed forests of northern Minnesota. Report to Minnesota Department of Natural Resources.

**Streby, H.M.**, S.M. Peterson, and D.E. Andersen. 2010, 2011, 2012, and 2013. Demographic response of golden-winged warbler to habitat and management across a climate change gradient in the core of the species' range: Annual Summary Reports. Research Work Order 87, U.S. Geological Survey, Minnesota Cooperative Fish and Wildlife Research Unit.

**Streby, H.M.** and D.E. Andersen. 2006, 2007, 2008, 2009, and 2010. Habitat use of post-fledging forest-nesting songbirds in northern hardwood-coniferous forests in northern Minnesota: Annual Summary Reports and Final Report. Research Work Order 73, U.S. Geological Survey, Minnesota Cooperative Fish and Wildlife Research Unit.

### **GRADUATE STUDENTS ADVISED**

Gunnar R. Kramer, M.S., University of Minnesota      *2013 – Present*  
Co-advised with Dr. David E. Andersen, USGS

Sean M. Peterson, M.S., University of Minnesota      *2011 – 2014*  
Co-advised with Dr. David E. Andersen, USGS  
Thesis: Landscape productivity and the ecology of brood division in golden-winged warblers in the western Great Lakes region.

**THESIS COMMITTEES SERVED**

Justin A. Lehman, M.S., University of Tennessee      *2013 – Present*  
 Advised by Dr. David A. Buehler, University of Tennessee

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**GRANTS, AWARDS, AND RESEARCH FUNDING (>\$1,000,000 total)**

National Geographic Society Research and Exploration Grant	\$ 17,600	2015
Cooper Ornithological Society Young Professional Award	\$ 1,300	2013
National Science Foundation Postdoctoral Research Fellowship	\$189,000	2012
U.S. Geological Survey Cooperative Research Unit Funds	\$ 63,000	2012
U.S. Fish and Wildlife Service, Region 3	\$ 51,000	2012
U.S. Fish and Wildlife Service and U.S. Geological Survey, Science Support Partnership	\$150,000	2012
Minnesota Department of Natural Resources, State Wildlife Grant	\$ 64,225	2012
U.S. Fish and Wildlife Service	\$ 2,400	2011
Minnesota Department of Natural Resources, State Wildlife Grant	\$ 14,500	2011
U.S. Fish and Wildlife Service, Region 3 Strategic Conservation Team Achievement Award	-	2011
Cooper Ornithological Society Student Membership Award	-	2010
Doctoral Dissertation Fellowship, University of Minnesota	\$ 22,500	2009
Dayton-Wilkie Research Fellowship, Bell Museum of Natural History	\$ 900	2009
Dayton-Wilkie Research Fellowship, Bell Museum of Natural History	\$ 800	2008
Most Outstanding MS Student, Ohio University, Dept. of Biol. Sciences-		2005
Best Graduate Research Presentation, Ohio University Research Fair	\$ 400	2005
Organization for Tropical Studies Tuition Award	\$ 3,000	2004
Sandpiper Technologies Research Equipment Grant	\$ 9,275	2004
American Ornithologists' Union Student Membership Award	-	2003
Knox County (Ohio) Applied Science Scholarship	\$ 600	1997
1 <sup>st</sup> Place, Knox County (Ohio) Science Fair	\$ 100	1991

**FUNDED PROPOSALS WRITTEN WITHOUT AUTHORSHIP**

(with PI David E. Andersen, USGS, Minnesota Cooperative Fish and Wildlife Research Unit)

U.S. Fish and Wildlife Service Region 3 Migratory Bird Program	\$ 69,686	2012
U.S. Fish and Wildlife Service	\$ 50,000	2011
U.S. Geological Survey, Cooperative Research Unit Funds	\$ 8,000	2010
U.S. Fish and Wildlife Service	\$ 92,000	2010
U.S. Fish and Wildlife Service Region 3 Flex Funding Program	\$ 41,268	2010
U.S. Fish and Wildlife Service Region 3 Migratory Bird Program	\$ 38,909	2010
U.S. Geological Survey, Cooperative Research Unit Funds	\$ 2,914	2009
U.S. Fish and Wildlife service and U.S. Geological Survey, Science Support Partnership	\$195,000	2009

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## TEACHING POSITIONS

**Instructor of Record: Principles of Wildlife Management** *January - May 2009*  
University of Minnesota, St. Paul, Minnesota

**Graduate Teaching Assistant: Principles of Wildlife Management** *January - May 2008*  
Course Instructor - R. J. Gutiérrez Ph.D.  
University of Minnesota, St. Paul, Minnesota

**Graduate Teaching Assistant: Ornithology** *Three (3) Fall Quarters 2002 - 2004*  
Course Instructor - Donald B. Miles Ph.D.  
Ohio University, Athens, Ohio

**Volunteer Teaching Assistant: Comparative Vertebrate Anatomy** *January - March 2003*  
Course Instructors - Robert Carr Ph.D., Sue Simon-Westendorph Ph.D.  
Ohio University, Athens, Ohio

**More than 10 Guest Lecturers** in several courses at Ohio University, University of Minnesota, and University of California, Berkeley.

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## ADDITIONAL RESEARCH EXPERIENCE

**Graduate Research Assistant** *February - May 2006, September 2006 - November 2010*  
University of Minnesota, St. Paul, Minnesota  
Supervisor - David E. Andersen Ph.D.  
USGS Minnesota Cooperative Fish and Wildlife Research Unit

**Senior Research Technician** *May - August 2006*  
University of Minnesota, St. Paul, Minnesota  
Supervisor - David E. Andersen Ph.D.  
USGS Minnesota Cooperative Fish and Wildlife Research Unit

**Laboratory Technician** *July 2005 - February 2006*  
University of Minnesota, St. Paul, Minnesota  
Supervisor - Sharon Jansa Ph.D.

**Graduate Research Assistant** *January 2003 - July 2005*  
Ohio University, Athens, Ohio  
Supervisor - Donald B. Miles Ph.D.

**Field and Laboratory Intern** *January - May 2002*  
USGS - Biological Research Division, PIERC  
Supervisor - Carter Atkinson Ph.D.  
USGS Biocomplexity Project, Hawaii Volcanoes National Park, Hawaii

**Undergraduate Research Assistant** *June - September 2000*  
Ohio University, Athens, Ohio  
Supervisor - Stephen Reilly Ph.D.

## PROFESSIONAL CONFERENCE PRESENTATIONS

- Streby, Henry M.** “Measuring productivity in songbirds: tradeoffs between nest success and fledgling survival mean we need to study both stages.” **Invited Plenary for COS Young Professional Award** – Cooper Ornithological Society - American Ornithologists’ Union joint meeting, Chicago, Illinois, August 2013.
- Streby, Henry M.**, Sean M. Peterson, and David E. Andersen. “Golden-winged warbler post-fledging habitat use and survival in the western Great Lakes region.” Golden-winged Warbler Symposium, Cooper Ornithological Society - American Ornithologists’ Union joint meeting, Chicago, Illinois, August 2013.
- Peterson, Sean M., **Henry M. Streby**, and David E. Andersen. “Influence of landscape composition on golden-winged warbler full-season productivity.” Golden-winged Warbler Symposium, Cooper Ornithological Society - American Ornithologists’ Union joint meeting, Chicago, Illinois, August 2013.
- Peterson, Sean M., **Henry M. Streby**, and David E. Andersen. “Sex-based differences in strategies of post-fledging parental care in golden-winged warblers.” Golden-winged Warbler Symposium, Cooper Ornithological Society - American Ornithologists’ Union joint meeting, Chicago, Illinois, August 2013.
- Buehler, David A., David, E. Andersen, and **Henry M. Streby**. “Welcome, explanation of symposium, and introduction to golden-winged warblers.” Golden-winged Warbler Symposium, Cooper Ornithological Society - American Ornithologists’ Union joint meeting, Chicago, Illinois, August 2013.
- Rohrbaugh, Ron, **Henry M. Streby**, David E. Andersen, Jeff Larkin, David A. Buehler. “Symposium summary and future directions in golden-winged warbler research and conservation.” Golden-winged Warbler Symposium, Cooper Ornithological Society - American Ornithologists’ Union joint meeting, Chicago, Illinois, August 2013.
- Brinkerhoff, R. Jory, Erin N. Lane (presenter), Inaayat Wazir, Maren Gimpel, and **Henry M. Streby**. “Life history characteristics of birds influence patterns of tick parasitism.” Wilson Ornithological Society annual meeting, Williamsburg, Virginia, March 2013.
- Peterson, Sean M. (presenter), **Henry M. Streby**, and David E. Andersen. “High tech or field techs: an analysis of cost and bias in golden-winged warbler nest searching. Midwest Fish and Wildlife Conference. December 2012.
- Streby, Henry M.** and David E. Andersen. “Thinking outside the nest: the importance of full-season research for understanding productivity and habitat associations of migratory songbirds.” North American Ornithological Conference, Vancouver, British Columbia. August 2012.
- Streby, Henry M.**, Sean M. Peterson, and David E. Andersen. “Golden-winged Warbler demography and habitat use in Minnesota and Manitoba.” Midwest Fish and Wildlife annual conference. Des Moines, Iowa. December 2011.
- Peterson, Sean M. (presenter), **Henry M. Streby**, and David E. Andersen. “High tech or field techs: an analysis of cost and bias in Golden-winged Warbler nest searching techniques.” Midwest Fish and Wildlife annual conference. Des Moines, Iowa. December 2011.
- Streby, Henry M.**, Sean M. Peterson, and David E. Andersen. “Golden-winged Warbler demography: productivity and survival in Minnesota and Manitoba.” The Wildlife Society annual meeting. Waikoloa, Hawaii. November 2011.
- Streby, Henry M.** and David E. Andersen. *Invited Symposium Presentation*. “What the post-fledging period tells us that the nesting season does not.” American Ornithologists Union annual meeting. Jacksonville, Florida. July 2011.
- Streby, Henry M.**, Michelle McDowell (presenter), Tom Will, and David E. Andersen. “Demographic response of Golden-winged Warbler to habitat and management across a climate

change gradient in the core of the species' range. *Conserving the Future: Wildlife Refuges and the Next Generation Conference*. Madison, Wisconsin. July 2011.

**Streby, Henry M.**, John P. Loegering, and David E. Andersen. "Golden-winged Warbler demography: productivity and survival in northwest Minnesota in 2010." Midwest Fish and Wildlife annual conference. Minneapolis, Minnesota. December 2010.

**Streby, Henry M.** and David E. Andersen. "When is success not success? When it's songbird nesting success." Society for Integrative and Comparative Biology annual meeting. Seattle, Washington. January 2010.

**Streby, Henry M.** and David E. Andersen. "Nest success does not equal reproductive success: a case study with songbirds." Midwest Fish and Wildlife annual conference. Springfield, Illinois. December 2009.

**Streby, Henry M.** and David E. Andersen. "Edge effects and forest songbird fledgling survival: are clearcuts really all that bad?" The Wildlife Society annual meeting. Miami, Florida. November 2008.

**Streby, Henry M.** and David E. Andersen. "Post-fledging habitat use by Ovenbirds on the Chippewa National Forest." Midwest Fish and Wildlife annual conference. Madison, Wisconsin. December 2007.

**Streby, Henry M.** and David E. Andersen. "Post-fledging early-successional habitat use by forest nesting songbirds in north-central Minnesota." Minnesota Chapter of the Wildlife Society annual meeting, Alexandria, Minnesota. February 2007.

Miles, Donald B. (presenter), **Henry M. Streby**, and Dan Weber. "Avian community responses to prescribed burns and shelterwood harvests. Fire in Eastern Oak Forests conference. October 2006.

**Streby, Henry M.** and Donald B. Miles. "Effects of the Ohio Hills Fire and Fire Surrogates experimental forests on the distribution of avian blood born diseases." Ohio Natural History Conference, Columbus, Ohio. February 2005.

**Streby, Henry M.** and Donald B. Miles. "Avian hematozoa of nesting Neotropical migrants: patterns related to forestry techniques." Society for Integrative and Comparative Biology annual meeting, San Diego, California. January 2005.

**Streby, Henry M.** and Donald B. Miles. "Response of nesting neotropical migrants to thinning and burning in mixed oak forests." Ecological Society of America annual meeting, Portland, Oregon, August 2004.

## **INVITED PRESENTATIONS FOR PROFESSIONALS AND/OR PUBLIC**

Kramer, Gunnar R., **Henry M. Streby**, Sean M. Peterson, Justin A. Lehman, David A. Buehler, Petra B. Wood, and David E. Andersen. 2015. "There and back again: migratory behaviors of golden-winged warblers discovered using geolocators." Joint Annual Meeting: Minnesota & Wisconsin State Chapters of The Wildlife Society, Duluth, Minnesota, February 2015.

Andersen, David E., **Henry M. Streby**, David A. Buehler, Petra B. Wood, Sean M. Peterson, Gunnar R. Kramer, and Justin A. Lehman. 2015. "Golden-winged warbler migration connectivity and ecology derived from geolocators." Iowa Chapter of The Wildlife Society Annual Meeting, Ames, Iowa. March 2015.

**Streby, Henry M.**, Gunnar R. Kramer, Sean M. Peterson, Jeanine A. Lehman, Davis A. Buehler, Petra B. Wood, and David E. Andersen. 2015. Tracking long-distance migration in tiny songbirds using tiny technology. University of California, Davis, Animal Behavior Graduate Group Winter Seminar Series, Davis, California, February 2015.

- Streby, Henry M.** and Gunnar R. Kramer. "From Tennessee to Colombia and back again: tracking migration in golden-winged warblers (*Vermivora chrysoptera*)." Festival de las Aves, Medellin, Colombia, November 2014.
- Streby, Henry M.** "Tracking migration in tiny songbirds using tiny technology." Fisheries, Wildlife, and Conservation Biology seminar series. University of California, Berkeley, September 2014.
- Streby, Henry M.** "Full-season habitat associations of forest songbirds: don't forget the middle seral stages." Minnesota Chapter of The Wildlife Society, Palisade, Minnesota, August 2014.
- Streby, Henry M.** "Redefining fitness in songbirds: a challenge to the nest success paradigm." Organismal Biology and Ecology Seminar Series, University of Montana, Missoula, September 2013.
- Streby, Henry M.** "Full-season productivity in songbirds: why managing for nest success is not the best plan." Friday seminar series, PRBO Palomar Field Station, Point Reyes National Seashore, California, April 2013.
- Peterson, Sean M. (presenter), **Henry M. Streby**, Tom C. Will, Tom R. Cooper, and David E. Andersen. "Golden-winged warblers and the importance of diverse forest landscapes." Zumbro Valley Audubon Society. Rochester, Minnesota, January 2013.
- Streby, Henry M.**, Sean M. Peterson, and David E. Andersen. "Thinking outside the nest: the importance of the post-fledging period for understanding productivity and habitat associations in songbirds." Fisheries, Wildlife, and Conservation Biology seminar series. University of California, Berkeley, October 2012.
- Streby, Henry M.**, Sean M. Peterson, Tom Will, Tom Cooper, and David E. Andersen. "Golden-winged warblers and the importance of diverse forest landscapes." Minnesota River Valley Audubon Chapter. Minnesota Valley National Wildlife Refuge, Bloomington, Minnesota, April 2012.
- Streby, Henry M.**, Tom Will, Sean M. Peterson (presenter), John P. Loegering, Wayne Brininger, and David E. Andersen. "Golden-winged warbler: Minnesota demography and landscape ecology." 9<sup>th</sup> Annual Forestry, Wildlife, and Natural Resources Research Review. University of Minnesota Cloquet Forestry Center. Cloquet, Minnesota, January 2012.
- Peterson, Sean M. (presenter), **Henry M. Streby**, and David E. Andersen. "High tech or field techs: an analysis of cost and bias in golden-winged warbler nest searching techniques." 9<sup>th</sup> Annual Forestry, Wildlife, and Natural Resources Research Review. University of Minnesota Cloquet Forestry Center. Cloquet, Minnesota, January 2012.
- Streby, Henry M.**, Sean M. Peterson, and David E. Andersen. "Golden-winged warbler research at Tamarac and Rice Lake National Wildlife Refuges." Minnesota Ornithologists Union annual meeting. Minneapolis, Minnesota, December 2011.
- Will, Tom (presenter) and **Henry M. Streby**. "Golden-winged warblers and migratory songbird use of young forest habitat." Sustainable Forest Education Cooperative. Hackensack, Minnesota. June 2011.
- Streby, Henry M.**, Sean M. Peterson, and David E. Andersen. "Golden-winged warblers in the Upper Midwest: productivity, habitat associations, and management implications." Wisconsin Bird Conservation Initiative 2011 Statewide Meeting. Green Bay, Wisconsin. September 2011.
- Streby, Henry M.**, Sean M. Peterson, and David E. Andersen. "Golden-winged warbler demography: nest productivity and adult and fledgling survival." Northwest GWWA Working Group Meeting. Winnipeg, Manitoba (teleconference). April 2011.
- Brininger, Wayne (presenter), **Henry M. Streby**, and Kyle Daly. "Early successional forest bird research at Tamarac National Wildlife Refuge." Report to Minnesota Department of Natural Resources Forest Wildlife Management Group. Detroit Lakes, Minnesota. March 2011.

- Loefering, John, P. and **Henry M. Streby** (co-presenters). “Golden-winged warbler demography and habitat assessment at Tamarac National Wildlife Refuge in 2010.” Golden-winged Warbler Conservation Workshop. Ithaca, New York. August 2010.
- Streby, Henry M.**, Sean M. Peterson and David E. Andersen. “Forest songbird research” Chippewa National Forest Summer Naturalist Series. Marcell, Minnesota. August 2009.
- Streby, Henry M.** and David E. Andersen. “Survival and habitat use of fledgling forest nesting songbirds in a managed forest landscape.” U.S. Fish and Wildlife Service Regional Office. Minneapolis, Minnesota. November 2008.
- Streby, Henry M.** and David E. Andersen. “Survival and habitat use of fledgling forest nesting songbirds in a managed forest landscape.” Minnesota Cooperative Fish and Wildlife Research Unit Annual Coordinating Committee Meeting. Saint Paul, Minnesota. October 2008.
- Streby, Henry M.** and Sean M. Peterson. “Minnesota Coop Unit forest bird project.” Chippewa National Forest Naturalist Series. Marcell, Minnesota. August 2008.
- Streby, Henry M.** and David E. Andersen. “Edge effects and ovenbirds: the other half of the season.” Fisheries, Wildlife, and Conservation Biology Lecture Series. University of Minnesota, St Paul, Minnesota. March 2008.
- Streby, Henry M.** and David E. Andersen. “Post-fledging habitat use by forest nesting songbirds on the Chippewa National Forest.” Meeting of Ecologists and Managers of the Chippewa National Forest. Cass Lake, Minnesota. August 2007.
- Streby, Henry M.** and Donald B. Miles. “Anthropogenic disturbance alters the vertically stratified distribution of avian hematazoa in forest-nesting migrants.” Ohio University Science and Creativity Student Research Fair, Athens, Ohio. April 2005. *Won Best Student Research Award.*
- Streby, Henry M.** and Phil Alman. “OTS 04-1 Tropical Biology: An Ecological Approach. Our OTS experience.” Ecolunch Seminar Series, Ohio University, Athens, Ohio. May 2004.
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## **SERVICE AND OUTREACH**

**Associate Editor** for Wildlife Society Bulletin, December 2014 to present.

**Committee Member** for AOU - COS *Auk* and *Condor* Joint Advisory Committee on Publications, November 2014 – present.

**Committee Member** for Cooper Ornithological Society Young Professional Award 2014 – present.

**Manuscripts Reviewed for** American Midland Naturalist, *Auk*: Ornithological Advances, Behavioral Ecology and Sociobiology, Biological Conservation, *Condor*: Ornithological Applications, Diversity and Distributions, *Ibis*, Journal of Animal Ecology, Journal of Field Ornithology, Journal of Wildlife Management, Landscape Ecology, PLoS ONE, Studies in Avian Biology, Wildlife Society Bulletin, Wilson Journal of Ornithology

**Student Presentation Judge** for the 2014 joint meeting of the Cooper Ornithological Society, American Ornithologists’ Union, and Canadian Society for Ornithologists, Estes Park, Colorado.

**Conference Symposium Organized and Chaired** for the 2013 joint meeting of the Cooper Ornithological Society and American Ornithologists’ Union, Chicago, Illinois.

**Wildlife Science Instructor** for White Earth Academy of Math and Science, Gaawaabaabiganikaag (White Earth Indian Reservation), 2013 – present.

**Volunteer Bird Banding Assistant** for Ron Refsnider, Springbrook and Elm Creek Nature Centers: Demonstrate mist netting, bird identification, and banding for community members. Three Rivers Park District, Minnesota.

**Volunteer Bird Banding Demonstrations** for:  
North School Forestry Days for students grades K – 6  
Rice Lake National Wildlife Refuge Family Day (x3)  
Chippewa National Forest Naturalist Series

**Volunteer Mammalogy Teaching Assistant** for Bill Clark, Ph.D., Iowa State University: Assisted with small mammal trapping labs at Doolittle Prairie, Ames, IA.

**Science Education Program** for Pleasant Street Elementary School, Mount Vernon, Ohio.

**Departmental Scholarship Committee Member** for the Department of Fisheries Wildlife and Conservation Biology, University of Minnesota: Assisted in the selection of undergraduate students for departmental scholarships.

**Graduate Student Envoy to the Department Head** of the Department of Fisheries Wildlife and Conservation Biology, University of Minnesota: Organized graduate student Wildlife Club meetings.

**Volunteer Field Research Assistant** for Nicola Nelson, Victoria University, Wellington, New Zealand: Collected data on nesting Tuatara (*Sphenodon punctatus*), Stephen's Island, Cook Strait, New Zealand.

**Volunteer Bird Surveyor** for Hillary Miller, Victoria University, Wellington, New Zealand: Conducted bird surveys at Makara Hills, Karori, New Zealand.

**Volunteer Field Research Assistant** for Phil Alman Ph.D., Ohio University, Athens, Ohio: Collected data on nesting Diamondback Terrapin (*Molaclemys terrapin*), South Carolina.

**Volunteer Tutor**, West Elementary, Athens, Ohio: Tutored fifth-graders in science and social studies.

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## POPULAR PRESS AND MEDIA COVERAGE

Our Current Biology paper has been covered by >200 media outlets worldwide, some of which are archived on the Altmetric page for the article.

Minnesota Conservation Volunteer Magazine (MN DNR) featured golden-winged warbler research in an article by Gerald Niemi.

The Wildlife Management Institute featured golden-winged warbler project in their Outdoor News Bulletin.

The Scientist featured nest-site selection paper from Proceedings B in their animal behavior research highlights.

The Economist featured nest-site selection paper from Proceedings B in their online science blog.

Living Bird Magazine (Cornell Lab of Ornithology) featured Golden-winged Warbler demography project in the Spring 2013 issue in a story called “A Golden Plan for a Turnaround” by Gustave Axelson.

Golden-winged Warbler demography project was featured by the U.S. Fish and Wildlife Service in a “Species Spotlight” article in July 2012.

Living Bird Magazine (Cornell Lab of Ornithology) featured post-fledging songbird research and interviewed me for an article in the Autumn 2011 issue.

The University of Minnesota home page, [www1.umn.edu](http://www1.umn.edu), featured Golden-winged Warbler research in the Driven to Discover campaign 3 – 23 August 2011.

Minnesota Public Radio featured Golden-winged Warbler research in a story called “Saving the Golden-winged Warbler” which aired 16 June 2011 on the Morning Edition program.

Golden-winged Warbler research was featured in the Friends of Tamarac Newsletter, Summer issues, 2010 and 2011.

The Mother Nature Network featured Golden-winged Warbler research in an article titled “On the search for wings of gold” in August, 2010.

**Streby, H.M.,** S.M. Peterson, and E.S. Michel. 2009. July Capture of a White-crowned Sparrow. The Loon 81:107-109.

Dissertation research was featured in an educational documentary film called “A Hard Life” about fledgling songbirds, produced in 2009 by TimeStopper Films, Minneapolis, Minnesota, USA.

Outreach bird-banding demonstration at the North School Elementary School was featured by the Chippewa National Forest in their Success Stories publication in May, 2009.

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## **PROFESSIONAL MEMBERSHIPS**

American Ornithologists’ Union  
Association of Field Ornithologists  
Cooper Ornithological Society  
Ecological Society of America  
Society for Conservation Biology  
Society for Integrative and Comparative Biology  
The Wildlife Society  
Wilson Ornithological Society

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