

## ***Jonathan B. Cohen***

Assistant Professor, Wildlife Ecology and Management  
SUNY College of Environmental Science and Forestry  
Dept. Environmental and Forest Biology  
Syracuse, NY 13078

### **EDUCATION**

Ph.D. Fisheries and Wildlife Sciences, VA Tech University, GPA 4.0, May 2005, 26 sem. hrs.

M.S. Renewable Natural Resources, University of Connecticut, GPA 3.8, May 1998, 25 sem. hrs.

B.S. Natural Resources, Cornell University, GPA 3.7, May 1994, 144 sem. hrs.

High School Diploma, South Windsor High School, South Windsor, CT 06074, June 1990

### **RESEARCH EXPERIENCE**

Post-Doctoral Research Scientist, May 2005 – Dec. 2010, Virginia Tech , Blacksburg, VA

Supervisor: James Fraser, 540-231-6064, Mail Code 0321, Virginia Tech, Dept. Fisheries and Wildlife Sciences, Blacksburg, VA 24061-0321

- Mark-recapture survival analysis and population modeling for piping plovers in New York
- Preparation of manuscripts based on Ph.D. dissertation and related research
- Development of management documents for threatened and endangered species for Cape Hatteras National Seashore, North Carolina
- “Winter Piping Plover Habitat Near Barrier Inlets” in North Carolina. Radio-tracking of wintering piping plovers for habitat use and behavioral ecology study.
- Study of migration stopover ecology of red knots in coastal Virginia, including cannon-netting and radio-tracking by air and ground, and sample collection for a habitat and prey selection analysis.

Graduate Research Assistant, Ph.D., Aug 2000 – May 2005, Virginia Tech, Blacksburg, VA

Supervisor: James Fraser, 540-231-6064, Mail Code 0321, Virginia Tech, Dept. Fisheries and Wildlife Sciences, Blacksburg, VA 24061-0321

- Nest searching and monitoring of reproductive success
- Habitat measurements (vegetative cover, terrestrial arthropod abundance, benthic invertebrate abundance and biomass)
- Trapping, banding, and morphological measurement of adult and juvenile plovers
- Collection of plover home range and behavioral data
- Surveys of other shorebird and seabird species
- Registration of and habitat classification on digitized aerial photos
- Videography of nesting plovers, including overnight time-lapse infrared videography
- Cooperated and coordinated activities with federal, state, and local agencies and landowners
- Public outreach, including preparation of informational brochures regarding my research
- Supervised three field technicians

Biological Technician GS-7, Aug 1998 – Jun 2000, Patuxent Wildlife Research Ctr, Laurel, MD

Supervisor: Barnett Rattner, 301-497-5671, USGS Patuxent Wildlife Research Center, Beltsville Lab c/o BARC-East, Building 308, 10300 Baltimore Avenue, Beltsville, MD 20705

- Developed a geographic information system to analyze contaminant exposure and effects data for terrestrial vertebrates inhabiting estuarine and coastal habitat on the Atlantic Coast
- Co-authored internet-based species accounts detailing natural history and toxicological exposure and effects data for greater scaup and clapper rail
- Co-authored an internet-based JavaScript program to calculate an index of suitability of terrestrial vertebrate species as biomonitors of environmental contamination, and vulnerability of such species to contaminants
- Assisted in a lead exposure experiment in free-ranging black-crowned night-heron nestlings
- Assisted in contaminant exposure and effects studies in wild ospreys and wading birds
- Assisted in a laboratory experiment on mercury exposure in kestrels
- Assisted in a mark-recapture study of wood frogs and spotted salamanders

Coastal Waterbird Intern, Apr 1998 – Aug 1998, Mass. Audubon Society, Duxbury, MA

Supervisor: Scott Hecker, 781-934-8905, National Audubon Society, 33 Railroad Ave, Duxbury, MA 02332

- Monitored piping plover and least tern nests and broods in barrier beach environment
- Conducted public outreach to educated beach-goers regarding piping plovers

Graduate Research Assistant, M.S., Sep 1995 - Apr 1998, Univ. of Connecticut, Storrs, CT

Supervisor: John Barclay, 860-486-0143, University of Connecticut, Dept. Natural Resource Management and Engineering, Young Building, Unit 4087, Storrs, CT 06269-4087, 40h / week

- Coordinated collection of greater scaup specimens by federal and state personnel in four states
- Collected samples of sediments, plankton, and benthic organisms for contaminants analysis
- Performed necropsies of greater scaup specimens and analyzed gastrointestinal contents
- Prepared and extracted samples for pesticide and PCB analysis
- Organized volunteer network for waterfowl ground surveys in four states
- Participated in aerial waterfowl surveys
- Created logistic regression model for greater scaup winter habitat selection based on GIS data

MAPS Intern, May 1995 - Aug 1995, Institute for Bird Populations, St. Mary's County, MD

Supervisor: James Sarraco, 907- 697-2777, Institute for Bird Populations, P.O. Box 1346; Point Reyes Station, CA 94956-1346

- Performed mist-netting and banding of forest passerines
- Collected data on forest vegetation composition and % cover
- Participated in point counts of breeding passerines

Naturalist Intern, Sep 1994 - Apr 1995, Northwest Park Nature Center - Windsor, CT

Supervisor: Kathy Perillo, current contact info. unknown. Contact info. for Northwest Park: 860-285-1886, 145 Lang Road, P.O. Box 773, Windsor, CT 06095

- Planned and conducted nature-related programs for the public
- Designed and built nature-related exhibits for public education
- Assisted with radio-telemetry study of dispersal in spotted turtles
- Cared for captive mammals, reptiles, amphibians

## UNIVERSITY TEACHING EXPERIENCE

SUNY-ESF:

EFB 796	Population Parameter Estimation	4 cr
EFB 493/693	Wildlife Habitat and Populations	4 cr
EFB 797	Grant Writing in Fisheries and Wildlife Bio.	1 cr
EFB 797	"Adaptive Peaks" Graduate seminar	1 cr

Guest lectures: Conservation Biology Senior Synthesis, Diversity of Life II

Apr 2007 – Seminar, Eastern Kentucky University, “Piping Plover Research in New York: A Case Study of Endangered Species Biology and Management”

Jul 2006 – Aug 2006, Instructor, General Zoology, Virginia Tech, Blacksburg, VA

May 2005 – Oct 2008, Guest Lecturer, Virginia Tech, Blacksburg, VA

- Endangered Species Management, Conservation Biology, Principles of Natural Resources Management

Aug 2004 – Sep 2005, Advisor for undergraduate honors thesis

- Provided guidance on sampling design and statistical analysis for a student at Warren Wilson College, Asheville, NC studying nest site selection by piping plovers

Aug 1995 - Dec 1996, Teaching Assist., Environmental Science, Univ. of Connecticut, Storrs, CT

- Taught field/laboratory section on principles and techniques of environmental science. Topics included meteorology, geology, soils, wildlife and fish habitat evaluation, and wetland and stream ecology

Jan 1994 - May 1994, Teaching Assist., Intro. Biology and Wildlife Ecology, Cornell University, Ithaca, NY

- Introductory biology
  - Taught laboratory section on vertebrate morphology
  - Maintained office hours to assist students in attaining auto-tutorial course objectives, and to administer oral examinations
- Wildlife ecology
  - Supervised laboratory section in which I assisted students with designing field and laboratory experiments

## **OTHER WORK EXPERIENCE**

Sep 1993 - May 1994, Curatorial Assistant, Paleontological Research Institute, Ithaca, NY

Jun 1989 – Aug 1989, Plant Science Research Apprentice, University of Connecticut, Storrs, CT

## **PROFESSIONAL ACTIVITIES, MEMBERSHIPS, AND SERVICE ACTIVITIES**

- The Waterbird Society elected Councilor, 2013-2015
- SUNY ESF, Chair CLBS and TIBS Fellowship Committee
- SUNY ESF, Environmental and Forest Biology Curriculum Committee
- SUNY ESF, Environmental and Forest Biology Graduate Program Committee
- SUNY ESF Committee on Research, 2011 – present
- SUNY ESF Student Chapter of The Wildlife Society, Advisor, 2012 - present
- Advisor, U.S. Shorebird Conservation Plan, 2011 – present
- Advisory Board, The Goldenrod Foundation, 2011 - present
- Environmental Biology Open House, 2011, 2012
- Freshman Orientation Seminar guest lecture, 11/21/11
- The Waterbird Society, Chair of Conservation Committee, 2009 - present
- Reviewer for: *Animal Ecology*, *The Auk*, *Avian Conservation and Ecology*, *Environmental Management*, *Estuaries and Coasts*, *Journal of Animal Ecology*, *Journal of Field Ornithology*, *Journal of Raptor Research*, *Journal of Wildlife Management*, *Waterbirds*
- Expert witness (paid), Matter of Town of Plymouth, Department of Public Works Environmental Management Division, dispute resolution regarding effects of off-road vehicles on beach wildlife, 2009
- Expert witness (*pro bono*), *Defenders of Wildlife v. National Park Service*, federal case regarding effects of recreation on beach wildlife, 2008
- American Association for the Advancement of Science, Sponsor, 2006
- Sigma Xi Scientific Research Society, Associate Membership, 2005
- Graduate Student Computer Lab Committee Chair, Virginia Tech Dept. of Fisheries and Wildlife Sciences, 2002
- The Wildlife Society
  - Symposium Review Subcommittee, Program Committee for 20<sup>th</sup> Annual National Conference
  - Member (1992-Present) and Associate Certification (1999)
  - Legislative Review Committee Chair, Maryland-Delaware Chapter, 1999-2000
  - President, University of Connecticut Student Chapter, 1996-97

- Member, Cornell Student Chapter, 1992-94

## GRANTS

**Karpanty SM**, Cohen JB, Parsons KC, Jedrey E. Obtain critical management information regarding endangered roseate terns. \$330,039 (\$91,892 managed by Cohen). 7/2014 – 12/2016.

**Cohen JB**, Ryan SJ, Whipps CM. Factors limiting New England cottontail populations in New York, \$860,000. 8/2013 – 4/2017

**Cohen JB**. 2012. Effect of Salt Marsh Changes on Breeding Birds, with Emphasis on the Saltmarsh Sparrow. \$120,467. 4/2012 – 3/2015

**Cohen JB**. 2012. Estimating abundance and limiting factors of ring-necked pheasants in Western New York. \$50,803. 4/2012 – 3/2015

**Cohen JB**. Piping Plover Movements and Flight Heights During the Breeding Season – U.S. Fish and Wildlife Service. \$295,000. 3/2012 – 12/2014

**Cohen JB**. Piping Plover Movements and Flight Heights During the Breeding Season – New Jersey Dept Environmental Protection. \$50,000. 3/2012 – 12/2014

**Cohen JB**. Population Viability Analysis of Florida Snowy Plovers – U.S. Fish and Wildlife Service, \$20,000 2011. 1/2011 – 12/2014

Fraser JD, Hopkins B, Karpanty SM, Catlin JD, **Cohen JB**, Felio JH. 2010. \$4,100,000. Natural resource damage assessment for determining injury to the piping plover (*Charadrius melodus*) from the Deepwater Horizon (MC 252) oil spill, Bird Study #7. U. S. Fish and wildlife Service. 7/2010 – 7/2011.

**Cohen JB**. 2008. \$2,500. Needs and prospects for survival modeling for piping plovers. U.S. Fish and Wildlife Service.

Hallerman E, Fraser J, Hata D, Karpanty SM, **Cohen JB**. 2007-2008. \$172,000 Migratory shorebirds and horseshoe crabs: linking foraging and habitat ecology in the Delaware Bay to population dynamics of birds and crabs throughout their range. National Marine Fisheries Service

**Cohen JB**, Fraser JD. 2005. \$23,740. Protection and monitoring protocols for federal- and state-listed species – Cape Hatteras National Seashore. Funded by Patuxent Wildlife Research Center, U.S. Geological Survey – Biological Resources Division

Fraser JD, **Cohen JB**. 2005. \$61,320. Reports for endangered species on Long Island, New York. Funded by U.S. Army Corps of Engineers, New York District

Fraser JD, **Cohen JB**, Karpanty S, Catlin DH. 2005. \$75,199. Winter piping plover habitat use near barrier inlets. Funded by U.S. Army Corps of Engineers, Research and Development Center

## REFEREED MONOGRAPHS

**Cohen JB**, Houghton LM, Fraser JD. 2009. Nesting density and reproductive success of piping plovers in response to storm- and human-created habitat changes. *Wildlife Monographs* 173:1-24.

## REFEREED JOURNAL ARTICLES

Fraser JB, Karpanty SM, **Cohen JB**, Truitt BR. 2013. The red knot (*Calidris canutus rufa*) decline in the western hemisphere: is there a lemming connection? *Canadian Journal of Zoology* 91:13-16.

**Cohen JB**, Gerber BD, Karpanty SM, Fraser JD, Truitt BR. 2011. Day and night foraging of red knots (*Calidris canutus*) during spring stopover in Virginia, USA. *Waterbirds* 34:352-356.

**Cohen JB**, Gratto-Trevor C. 2011. Survival, site fidelity, and the population dynamics of piping plovers in Saskatchewan. *Journal of Field Ornithology* 82:379-394.

Karpanty SM, **Cohen JB**, Fraser JD, Berkson J. Sufficiency of horseshoe crab eggs for red knots during spring migration stopover in Delaware Bay USA. *Journal of Wildlife Management* 75: 984-994.

Catlin DH, Fraser JD, Felio JH, **Cohen JB**. 2011. Piping plover nest success on natural, managed, and engineered sandbars. *Journal of Wildlife Management* 75:305-310.

**Cohen JB**, Karpanty SM, Fraser JD. 2010. Habitat selection and behavior of Red Knots (*Calidris canutus*) on the New Jersey Atlantic Coast during spring stopover. *Condor* 112:665-662.

**Cohen JB**, Fraser JD. 2010. Piping Plover foraging distribution and prey abundance in the pre-laying period. *Wilson Journal of Ornithology* 122:578-582.

Catlin DH, Fraser JD, Felio JH, **Cohen JB**. 2010. Piping plover nest success on natural, managed, and engineered Missouri River sandbars. *Journal of Wildlife Management*. In press.

Roche EA, **Cohen JB**, Catlin DH, Amirault-Langlais DL, Cuthbert FJ, Gratto-Trevor CL, Felio JH, Fraser JD. 2010. Range-wide piping plover survival: correlated patterns and temporal declines. *Journal of Wildlife Management* 74:1784-1791.

Fraser JD, Karpanty SM, **Cohen JB**. 2010. Shorebirds forage disproportionately in horseshoe crab nest depressions. *Waterbirds* 33: 96-100.

**Cohen JB**, Karpanty SM, Fraser JD, Truitt BR. 2010. The effect of benthic prey abundance and size on red knot (*Calidris canutus*) distribution at an alternative migratory stopover site on the US Atlantic Coast. *Journal of Ornithology* 151:355-364.

Morrison JL, McMillian M, **Cohen JB**, Catlin DH. 2009. Environmental correlates of nesting success in Crested Caracaras. *Auk* 126: 755-764.

**Cohen JB**, Karpanty SM, Fraser JD, Watts BD, Truitt BR. 2009. Residence probability and population size of red knots during spring stopover in the mid-Atlantic region of the United States. *Journal of Wildlife Management* 73:939-945.

**Cohen JB**, Karpanty SM, Catlin DH, Fraser JD, Fischer RA. 2008. Winter ecology of piping plovers at Oregon Inlet, North Carolina. *Waterbirds* 31:472-479.

**Cohen, JB.**, Wunker EC, Fraser JD. 2008. Substrate and vegetation selection by nesting Piping Plovers (*Charadrius Melodus*) in New York. *Wilson Journal of Ornithology* 120:404-407.

Morrison JL, McMillian M, **Cohen JB**, Catlin DH. 2007. Environmental correlates of nesting success in Red-shouldered Hawks. *Condor* 109:648-657.

**Cohen JB**, Fraser JD, Catlin DH. 2006. Survival and site fidelity of Piping Plovers on Long Island, New York. *Journal of Field Ornithology* 77: 409-417.

Golden NH, Rattner BA, **Cohen JB**, Hoffman DJ, Russek-Cohen E, Ottinger, MA. 2003, Lead accumulation in feathers of nestling black-crowned night herons (*Nycticorax nycticorax*) experimentally treated in the field. *Environmental Toxicology and Chemistry*, 22: 1517-1524

**Cohen JB**, Rattner, BA, Golden, NH. 2003. Use of retrospective data to assess ecotoxicological monitoring needs for terrestrial vertebrates residing in Atlantic Coast estuaries. *Ecotoxicology* 12:365-375

**Cohen JB**, Barclay JS, Major AR, Fisher JP. 2000. Greater scaup as biomonitors of metal contamination in federal wildlife refuges in the Long Island region. *Archives of Environmental Contamination and Toxicology* 38:83-92.

Rattner BA, Pearson JL, Golden NH, **Cohen JB**, Erwin RM, Ottinger MA. 2000. Contaminant exposure and effects--terrestrial vertebrates database: trends and data gaps for Atlantic Coast estuaries. *Environmental Monitoring and Assessment* 63:131-142.

#### **BOOK CHAPTERS**

Sheffield SR, Sawicka-Kapusta K, **Cohen JB**, Rattner BA. 2001. Rodentia and Lagomorpha. Pp. 215-314 *In* Shore RF and Rattner BA (eds.), *Ecotoxicology of Wild Mammals*. John Wiley & Sons, Chichester.

Rattner BA, **Cohen JB**, Golden NH. 2000. Contaminant effect endpoints in terrestrial vertebrates at and above the level of the "individual." *In*: *Environmental Contaminants and Terrestrial Vertebrates: Effects on Populations, Communities and Ecosystems*. Albers PH, ed. SETAC Special Publication, SETAC Press, Pensacola, Florida. 61 pp

#### **CONFERENCE PROCEEDINGS**

Houghton LM, **Cohen JB**, Fraser JD. 2006. Piping Plover population regulation on a rebuilt barrier island. *In*: Rabon DR (ed). *Proceedings of the Symposium on the Wintering Ecology and Conservation of Piping Plovers*. U.S. Fish and Wildlife Service, Raleigh, NC.



## **NEWSLETTERS/POPULAR ARTICLES**

**Cohen JB**, Karpanty SM, Fraser JD, Truitt BR. 2007. Initial deployment tests of tiny PTTs on the red knot (*Calidris canutus rufa*). Tracker News 8:2.

**Cohen JB**. 1996. Tricky trackers (a children's guide to making a squirrel-tracking kit). Ranger Rick. Nov 1996.

## **DISSERTATIONS AND THESES**

**Cohen JB**. 2005. Factors limiting piping plover nesting pair density and reproductive output on Long Island, New York. Ph.D. Dissertation. Virginia Tech University, Blacksburg, VA. 232 pp.

**Cohen JB**. 1998. Greater scaup as bioindicators of contaminants on Long Island Sound. M.S. Thesis. University of Connecticut, Storrs, CT. 169 pp.

## **PROFESSIONAL PRESENTATIONS**

2011 – Moderator, Symposium: Effects of BP Horizon Oil Spill on Waterbirds. The Waterbird Society 34<sup>th</sup> Annual Meeting, Grand Island, Nebraska

2009 –Red Knot Prey Quality in Virginia. The Waterbird Society 33rd Annual Meeting. Cape May, New Jersey

2009 –Red Knot Prey Quality in Virginia. International Wader Study Group Conference, Texel, The Netherlands

2008 – Red knot residence rate and population size during migratory stopover in Virginia. The Waterbird Society 32nd Annual Meeting, South Padre Island, TX

2008 – Piping plover survival and site fidelity in New York. Invited. U.S. Fish and Wildlife Service Piping Plover Status Review Workshop, Chicago, IL

2008 – Survival estimation basics. Invited. U.S. Fish and Wildlife Service Piping Plover Status Review Workshop, Chicago, IL

2008 – Red knot stopover ecology in the Delaware Bay and Virginia. Part 2. 2005-

2007. Atlantic States Marine Fisheries Commission's Shorebird Technical Committee Meeting, Philadelphia, PA.

- 2008 – Red knot habitat selection and residence probabilities in Virginia. The Virginia Chapter of The Wildlife Society. Staunton, VA
- 2007 – Winter habitat use of piping plovers at Oregon Inlet, North Carolina. The Waterbird Society 31<sup>st</sup> Annual Meeting, Barcelona, Spain
- 2007 – Red knot habitat selection during migratory stopover in Virginia. The Waterbird Society 31<sup>st</sup> Annual Meeting, Barcelona, Spain
- 2005 – Effect of beach renourishment on piping plover population dynamics in New York. American Bird Conservancy/U.S. Army Corps of Engineers meeting on Beach Renourishment and Birds. Islip, NY
- 2005 – Piping plover population regulation on a rebuilt barrier island. American Bird Conservancy/U.S. Army Corps of Engineers meeting on Beach Renourishment and Birds. Jekyll Island, GA
- 2004 – Piping plover population regulation on a storm-destroyed and rebuilt barrier island. 10th Annual Meeting of The Society for Conservation Biology, New York, NY
- 2003 – Factors limiting piping plover nesting pair density in New York. 10th Annual Conference of The Wildlife Society, Burlington, VT
- 2003 – Long Island Plover Project. Long Island Colonial Waterbird Association Meeting, Quogue, NY
- 2003 – Long Island Piping Plover Project - 2003 Results - U.S. Army Corps. of Engineers Long Island Piping Plover Project Meeting, Westhampton Beach, NY
- 2002 – Long Island Piping Plover Project - 2002 Results - U.S. Army Corps. of Engineers Long Island Piping Plover Project Meeting, Westhampton Beach, NY
- 2002 - Limiting Factors of Piping Plover Nesting Pair Density and Productivity - North American Piping Plover Conference, Ann Arbor, MI
- 2001 – Long Island Piping Plover Project - 2001 Results - U.S. Army Corps. of Engineers Long Island Piping Plover Project Meeting, West Hampton Dunes, NY
- 2001 - Piping Plover Research on Long Island - Atlantic Coast Piping Plover Recovery Team Meeting, Shepherdstown, VA
- 1999 – The Contaminant Exposure and Effects - Terrestrial Vertebrates Database - Society of Environmental Toxicology and Chemistry Annual Conference, Washington, D.C.
- 1999 – Spatial Data Gaps for Contaminant Exposure of Terrestrial Vertebrates Residing in Atlantic Coast Estuaries - Patuxent Wildlife Research Center Annual Meeting, Laurel, MD
- 1997 – Greater Scaup as Bioindicators of Heavy Metal Contamination in National Wildlife Refuges - Society of Environmental Toxicology and Chemistry Annual Conference, San Francisco, CA
- 1996 – Effectiveness of GIS for Modeling Greater Scaup Habitat Selection - First Annual Duck Symposium, Baton Rouge, LA

## STUDENT PRESENTATIONS

2012 – Durkin, M., J.B. Cohen. Snowy plover conservation in Florida. U.S. Fish and Wildlife Service Piping Plover and Least Tern Workshop. Shepherdstown, WV.

2012 – Avis, M.L., J.B. Cohen. Piping plover movements, flight heights, and avoidance of obstructions during the breeding season: implications for risk of collision with turbines and other human structures. MassWildlife Piping Plover Cooperator Meeting, Cape Cod, MA.

2012 – Avis, M.L., J.B. Cohen. Flight behaviors of breeding piping plovers: implications for risk of collision with wind turbines and other human structures. Poster. 2<sup>nd</sup> Biennial Bird Conservation in the Northeast Conference, Plymouth, MD.

2012 – Kocek, A.R., J.B. Cohen, S. Elbin. Characteristics of salt marshes in New York City preferred by nesting saltmarsh sparrows (*Ammodramus caudacutus*). Poster. 2<sup>nd</sup> Biennial Bird Conservation in the Northeast Conference, Plymouth, MD.

2012 – Chaudhary, A., J.B. Cohen. Avian population density and blood mercury in Onondaga Lake Waste Beds, Onondaga County, New York. Poster. 19<sup>th</sup> Annual Meeting of The Wildlife Society. Portland, OR.

2012 – Nowak-Boyd, L., J.B. Cohen. Developing monitoring methods for ring-necked pheasants in New York. 19<sup>th</sup> Annual Meeting of The Wildlife Society. Portland, OR.

2011 – Durkin, M., J. B. Cohen, and M. Zdravkovic. Effect of human disturbance on snowy plovers in Florida: A Pilot Study. The Waterbird Society 35<sup>th</sup> Annual Meeting, Annapolis, MD.

## WEB PAGES

Rattner BA, Golden NH, **Cohen JB**, Broderick EJ, Garrett LG, Erwin RM, Toschik PC, Rausch DG, Pearson JL, Ottinger MA, Hothem RL, Kelly DL, Kershner RL, Beckman C, Custer T, Lobner K. 2003. Biological and ecotoxicological characteristics of terrestrial vertebrates. U.S. Geological Survey, Patuxent Wildlife Research Center, Laurel, Maryland. Available from: <http://www.pwrc.usgs.gov/bioeco>

Rattner BA, Golden NH, Eisenreich KM, **Cohen JB**, Loges LM, Garrett LG, Larsen EA, Henniger EK, Rak M, Toschik PC, Pearson JL, Ottinger MA, Hothem RL, Kershner RL, Kelly DL, Custer T, Beckman C, Lobner K, Meeusen C. 2003. Contaminant exposure and effects--terrestrial vertebrates (CEE-TV) database. Version 3.3. U.S. Geological Survey, Patuxent Wildlife Research Center, Laurel, Maryland. Available from: <http://www.pwrc.usgs.gov/ceetv/>

Golden NH, Rattner BA, **Cohen JB**. 2003. Ranking terrestrial vertebrate species for utility in biomonitoring and vulnerability to environmental contaminants. U.S. Geological Survey, Patuxent Wildlife Research Center, Laurel, Maryland. Available from: <http://www.pwrc.usgs.gov/ceetv/>

## **AWARDS AND HONORS**

- July 2011 Wildlife Publication Award, monograph category for Cohen et al. 2009.
- Mar. 2005 Burd McGinnes Fellowship, VA Tech Dept. Fisheries and Wildlife Sci. - \$2000 - Blacksburg, VA
- Feb. 2001 Phi Sigma National Honor Society in the Biological Sciences
- Feb. 2000 U.S. Geological Survey Star Award for Employee Excellence
- May 1998 Standard Bearer at Graduation Commencement Ceremony - Storrs, CT
- Aug. 1995 Bishop-Carder Scholarship, University of Connecticut - \$5000 - Storrs, CT
- April 1994 Henry Morgenthau Scholarship, Cornell University - Ithaca, NY
- April 1994 Arthur H. and Karin A. Nelson Scholarship, Cornell University - Ithaca, NY
- May 1994 Phi Kappa Phi National Honor Society
- May 1994 Golden Key National Honor Society
- May 1994 Gamma Sigma Delta National Honor Society
- May 1994 Ho-Nun-De-Kah (Cornell Agriculture Undergraduate Honor Society)

## **GRADUATE STUDENTS' AWARDS**

- May 2013. Alison Kocek. Maurice Alexander Wetland Research Award. SUNY-ESF Dept. Environmental and Forest Biology. \$1,500
- May 2013. Laurel Nowak-Boyd. Betty Moore Chamberlaine Award. SUNY-ESF Dept. Environmental and Forest Biology. \$1,500
- Jan. 2013. Michelle Avis. "Automated Telemetry System for Tracking Piping Plover Movements." The Goldenrod Foundation. \$1,500.
- Jan. 2013. Michelle Avis. Frances M. Peacock Memorial Scholarship for Native Bird Habitat. Garden Club of America. \$4,500?
- Jan. 2013. Maureen Durkin. Travel Award, SUNY ESF Office of Instruction and Graduate Studies \$500
- Oct. 2012. Michelle Avis. Travel Award, 2<sup>nd</sup> Biennial Bird Conservation in the Northeast conference. \$80.
- May 2012. Maureen Durkin. Betty Moore Chamberlaine Award. Betty Moore Chamberlaine Award. SUNY-ESF Dept. Environmental and Forest Biology. \$1,500

Dec. 2011. Maureen Durkin. Travel Award, SUNY-ESF Graduate Student Association \$100

Sep. 2011. Maureen Durkin. Travel Award, The Waterbird Society \$130

June 2010. Alison Kocek, Gateway Learning Center Fellowship, National Park Service \$7,200.