



## NORTHEAST PARTNERS IN AMPHIBIAN AND REPTILE CONSERVATION

2013 Annual Meeting

New Jersey School of Conservation

1 Wapalanne Road, Branchville, NJ 07826

July 24-26, 2013

### AGENDA

**NOTE:** All activities except field trips will occur at the School of Conservation

#### Wednesday, July 24<sup>th</sup>

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##### **Pre-meeting activities:**

Morning **Field trips** – Hike to Sunrise Mountain with Maria Grace (Conserve Wildlife Foundation of NJ):  
Meet at 10:00am in front of Kittatinny Hall. Return by 4:00pm.

Throughout Day **Field trips** – Research Projects at the New Jersey School of Conservation with Kelly Triece (Montclair State University): Meet at 10:30am and/or 2:30pm in front of Kittatinny Hall.

3:30 – 9:00 **REGISTRATION** – Long House

4:00 – 5:30 **State Biologists meeting** – Roundtable Discussion – Kittatinny Hall  
Topics TBD (Funding – SWG, Section 6, NRCS, RCN, LCC)

6:00 – 8:30 **BARBEQUE SOCIAL** (provided with registration) – (cash bar)

#### Thursday, July 25<sup>th</sup>

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6:30 – 8:30 **BREAKFAST** (provided with registration) – Big Timbers

8:00– 8:30 **REGISTRATION** (Set up posters) – Both in Long House

8:30– 9:15 **Welcome** – Dave Chanda (Director, NJ Div. Fish & Wildlife) and Dave Jenkins (Chief, NJ Endangered & Nongame Species Program), NEPARC co-chairs: Scott Angus (private consultant) & Andrea Chaloux (NY Natural Heritage Program); Bill Thomas (School of Conservation) – Kittatinny Hall

- What is NEPARC/PARC? – Scott
- Introduction of Steering Committee – Andrea
- Introductions around the room

9:15– 9:45 **National PARC Update**- Linda Weir (USGS Patuxent Wildlife Research Center)

9:45- 9:50 **Year of Salamander** - Mary Beth Kolozsvary (Siena College)

##### **Update on On-going NEPARC Projects**

- PARCA - Phillip deMaynadier (Maine Dept. Inland Fisheries & Wildlife)
- Editorial Board - Peter Rosenbaum (SUNY-Oswego) and Glenn Johnson (SUNY-Potsdam)
- Vernal Pools - Mary Beth Kolozsvary (Siena College)
- Blanding's Turtles - Lisabeth Willey (University of Massachusetts)
- Wood Turtles - Mike Jones (University of Massachusetts)
- Roads – Derek Yorks (Maine Dept. Inland Fisheries & Wildlife)
- Photo Project - Linda Weir (USGS Patuxent Wildlife Research Center)
- Timber Rattlesnakes – Mike Marchand (New Hampshire Fish & Game Dept.)
- Wildlife Action Plan – Mike Marchand (New Hampshire Fish & Game Dept.)
- Hellbender & Mudpuppy- Robin Foster (SUNY- Buffalo)
- Emerging Diseases - Holly Niederriter (Delaware Div. Fish & Wildlife)

10:35 – 10:45 **BREAK** - Begin Silent Auction

10:45 – 11:00 **Regulatory Update**- Al Breisch (PARC)



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- 11:00 – 11:20 **Field Decon and Nasty Herp Diseases: Are You Prepared?** Scott Smith, Maryland DNR
- 11:20 – 11:40 **Assessing Priority Amphibian and Reptile Conservation Areas in the North Atlantic Landscape Conservation Cooperative.** Allison T. Moody, Department of Wildlife Ecology, University of Maine, Orono, ME
- 11:40- 12:00 **Determining Vulnerability of Priority Amphibian and Reptile Conservation Areas in the North Atlantic Landscape Conservation Cooperative to Climate Change.** William B. Sutton, School of Agriculture, Forest and Environmental Sciences, Clemson University, Clemson, SC
- 12:00 – 1:00 *LUNCH (provided with registration) – Big Timbers*
- 1:00 – 1:50 **Featured Presentation: Connecting the Dots: Combining In Situ and Ex Situ Conservation for Turtles and Tortoises Around the World.** Ross Kiester, Turtle Conservancy, New York, NY.
- 1:50 – 2:10 **The Vermont Vernal Pool Mapping Project: Using Aerial Photo Interpretation and Field-verification to Map State-wide Distribution of Vernal Pools.** Steven D. Faccio, Vermont Center for Ecostudies, Norwich, VT
- 2:10 – 2:30 *BREAK*
- 2:30 – 2:50 **Wildlife Guardians Project: Improving Permeability of Wildlife Habitats in NJ.** Kelly Triece, Department of Biology and Molecular Biology, Montclair State University, Montclair, NJ
- 3:00 – 4:30 **Working Group Breakout Sessions – I**
- PARCA – Phillip deMaynadier
  - Wood Turtle – Mike Jones
  - Year of Salamander – Mary Beth Kolozsvary
  - Timber Rattlesnake – Mike Marchand
  - Hellbender/Mudpuppy – Robin Foster
- 4:30 *Set up posters – Long House*
- 5:00 – 6:00 **Poster Session/Cocktail Hour** (cash bar) – Long House
- 6:00 – 7:15 *DINNER (provided with registration) – Big Timbers*
- 7:30 – 8:30 **Featured Presentation: Rattlesnake Conservation: From the Continent to the Caribbean.** Howard Reinert, Department of Biology, The College of New Jersey, Ewing, NJ

### Friday, July 26th

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- 6:30 – 8:15 *BREAKFAST (provided with registration)*
- 8:15 **Announcements**
- 8:20 – 8:40 **Impact of Global Climate Change on Low-Dispersal Organisms: Refining Ecological Niche Models Using GIS Tools.** Iulian Gherghel, Department of Zoology, Oklahoma State University, Stillwater, OK
- 8:40- 9:00 **Breaking the Demographic Mold: How the Ridge and Valley Salamander (*Plethodon hoffmani*) Differs From the Eastern Red-backed Salamander (*P. cinereus*).** Christopher J. Thawley, Dept. of Biology, Penn State University, University Park, PA



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- 9:00- 9:20      **Native Fish and Anuran Assemblages Differ Between Impoundments with and without Non-Native Centrarchids and Bullfrogs.** John F. Bunnell, Pinelands Commission, New Lisbon, NJ
- 9:20- 9:40      **Metapopulation Dynamics of Pool-Breeding Amphibians: The Marbled Salamander (*Amybtoma opacum*) in Western Massachusetts.** Brad C. Timm, University of Massachusetts, Amherst, MA
- 9:40 – 10:00                      *BREAK*
- 10:00 – 10:20      **Terrapins in the Meadows: The History of Diamondback Terrapins (*Malaclemys terrapin*) in the NJ Hackensack Meadowlands.** Paola Dolcemascolo, Department of Earth and Environmental Studies, Montclair State University, NJ
- 10:20- 10:40      **Preliminary Results from a Head-start Program for Wood Turtles.**  
Kurt A. Buhlmann, University of Georgia, Savannah River Ecology Laboratory, Aiken, SC
- 10:40 – 12:10      **Working Group Breakout Sessions – II**
- NEPARC history – Linda Weir
  - Vernal Pools – Mary Beth Kolozsvary
  - Blanding’s turtle – Liz Willey
  - Emerging Diseases – Holly Niederriter
  - Roads – Derek Yorks
- 12:10 – 1:10                      *LUNCH (provided with registration) – Silent Auction ends – Big Timbers*
- 1:10 – 1:30      **Radio Telemetry and the Neonate Ecology of the Northern Pinesnake (*Pituophis melanoleucus*)**  
Kevin P.W. Smith, Biodiversity, Earth, and Environmental Science Department, Drexel University, Philadelphia, PA
- 1:30 – 1:50      **Surface Activity and Body Temperature of Eastern Hognose Snakes (*Heterodon platirhinos*) at Cape Cod National Seashore, Massachusetts.** Scott W. Buchanan, Department of Natural Resources Science, University of Rhode Island, Kingston, RI
- 1:50– 2:10                      *BREAK*
- 2:10 – 2:30      **Anuran Decline Research: Effects of Time, Region, and Invasive Vegetation on Survival and Fitness in Tadpoles Transplanted to an Extirpation Zone.** Jeremy Feinberg, Department of Ecology, Evolution, and Natural Resources, Rutgers University, New Brunswick, NJ
- 2:30 – 2:50      **Species Decline in Outwardly-healthy Habitat: NY’s Enigmatic Northern Cricket Frog**  
Jay Westerveld, Forensic ecology, New York Natural History council, Sugar Loaf, NY
- 2:50 – 3:30      **Breakout Sessions Wrap-up:** Scott Angus as facilitator
- 3:30 – 3:45      **NEPARC Business:** Andrea as facilitator
- Election of new co-chair
  - Steering Committee changes (if any)
  - Likes/Dislikes of current meeting
  - 2014 NEPARC meeting location and topic suggestions
- 3:45 – 4:00      **Distribute Silent Auction Items**
- 4:00                      **Annual Meeting Ends**