# 2018 Southeast Biodiversity Conservation Forum Agenda

### Day 1 (1/2 day) - March 6, 2018

### 11:30-1:00 Registration

- 1:00 Welcome and introductions, orientation, overview of conference goals
- Introductory presentations
  - o NatureServe Lori Scott, 15 min
  - o NCNHP Misty Buchanan, 15 min
  - o NCBG Damon Waitt, 15 min
- 1:45 Exploring North Carolina Tom Earnhardt, 45 min
- 2:30 2:45 Break
- 2:45 5:30 -Breakout sessions

#### Day 1 March 6, 2018

	Concurrent Sessions		
2:45	Application of Biodiversity Data	Conservation and Mapping Initiatives	
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5:30			
5:30	<ul> <li>Prioritizing Natural Areas for Conservation in North Carolina Using Natural Heritage Data – Misty Buchanan, NC Natural Heritage Program (15 min)</li> <li>Prioritizing Important Plant Conservation Sites of North Carolina - Lesley Starke, NC Plant Conservation Program (15 min)</li> <li>"Comprehensive Conservation Vision"/Essential Conservation Sites – Rob Evans, VA Natural Heritage Program (15 min)</li> <li>Automated Delineation of Conservation Sites in Virginia – Kirsten Hazler, VA Natural Heritage Program (15 min)</li> <li>Group discussion (15 min)</li> </ul>	<ul> <li>The Southeastern Grasslands Initiative: Charting a New Course for Conservation in the 21st Century – Dwayne Estes, Austin Peay State University (30 min)</li> <li>Longleaf Conservation Roadmap – Hervey McIver, Jodie LaPoint, Margaret Fields, and Liz Kalies; The Nature Conservancy (30 min)</li> <li>Group Discussion (15 min)</li> <li>BREAK (15 min)</li> <li>Landscape Scale Conservation: What's in your Toolbox? – Lori Scott, NatureServe, Cindy Simpson, NC Wildlife Resources Commission (30 min)</li> <li>Improving Distribution Data via Species Distribution Modeling: An Update on the NatureServe Network Modeling Collaborative –Healy Hamilton, NatureServe (30 min)</li> <li>Group Discussion (15 min)</li> </ul>	
	<ul> <li>BREAK (15 min)</li> <li>Florida Forever Conservation Needs         Assessment – Jon Oetting, FL Natural         Areas Inventory (15 min)         </li> <li>Ecological Integrity Assessment in         Arkansas – Milo Pyne (NatureServe), Theo         Witsell (AR Natural Heritage Program) (15 min)         </li> <li>Ecological Site Descriptions – Milo Pyne         (NatureServe) and Michelle Clendenin (15 min)         </li> <li>Group discussion (15 min)</li> </ul>		

5:30 Evening reception at North Carolina Botanical Garden (Exhibit Hall) with cash bar 7:00 Dinner with Storytelling by Sam Pearsall (Reeves Auditorium)

Day 2 March 7, 2018

	8:00 – 8:30 Breakfast (provided)			
8:30 - 9:40	Plenary Session			
	<ul> <li>Southern Cumberland/Southern Ridge and Valley – Bill Finch, E.O. Wilson Biodiversity Foundation (30 min)</li> <li>From Biodiversity to Resilience - Kentucky's 25 Year Wildlife Corridor Project – Hugh Archer and Tara Littlefield, KY Natural Lands Trust and KY Natural Heritage Program (30 min)</li> <li>Questions/Discussion (10 minutes)</li> </ul> Concurrent Sessions			
9:45 – 12:00	<ul> <li>Application of Biodiversity Data</li> <li>Eno-New Hope Landscape Conservation Project:         Combining Biodiversity Data, Corridor Analysis,         and Collaborative Planning to Promote Regional         Habitat Connectivity – Julie Tuttle, NC Botanical         Garden (15 min)</li> <li>Green Growth Toolbox: Wildlife and Natural         Resource Stewardship in Planning – Olivia         Munzer, Kacy Cook, Gabriela Garrison, and         Brooke Massa; NC Wildlife Resources         Commission (15 min)</li> <li>Chatham Conservation Partnership: A Model for         Conservation Planning, Action, and         Implementation at the Local Level - Allison         Weakley - (15 min)</li> <li>Wake Nature Preserve Partnership – Chris Snow         (15 min)</li> <li>Discussion (15 min)</li> <li>Applications of NatureServe Data for North         American Land Trust – Lee Echols and Williams</li> </ul>	Biology & Data Management Work Groups (combined)  Species Distribution Modeling Network Workshop – Regan Lyons Smyth, NatureServe; Jon Oetting, FL Natural Areas Inventory; Anne Chazal, VA Natural Heritage Program (1 hour)  Discussion/Questions (15 min)  BREAK (15 min)  Taxonomic Concept Mapping Panel Discussion – Anne Frances, NatureServe; Lori Scott, NatureServe; Alan Weakley, UNC Herbarium (30 min)  Communication within the NatureServe Network – Shara Howie, NatureServe (15 min)		
	Gandy (15 min)  O Explore Natural Communities – Erin Lunsford Jones and Alli Kenlan, NatureServe (15 min)  O Discussion/Questions (15 minutes)			

## 12:00 – 1:00 Lunch (provided)

Day 2 March 7, 2018, continued - Sessions Concurrent with Workshops

Day 1	2 March 7, 2018, continued - Sessions Concurrent with Workshops
	Habitat Restoration
1:00 - 2:30	<ul> <li>North Carolina Plant Conservation Program Preserve Restoration Efforts – Cheryl Gregory, NC Plant Conservation Program (15 min)</li> <li>Plant Reintroduction and Seed Banking – Johnny Randall, NC Botanical Garden (15 min)</li> <li>Habitat Restoration to Benefit Pollinators in Decline: Examples from North Carolina – Nell Allen, NC Zoo; Mike Kunz, NC Botanical Garden; Gabriela Garrison, NC Wildlife Resources Commission (30 min)</li> <li>Isolated Wetland Restoration in the North Carolina Sandhills – Nathan Shepard, NC Natural Heritage Program (15 min)</li> <li>Discussion (15 min)</li> </ul>
2:30	BREAK (15 min)
2.45	
2:45	Landscape Conservation
2:45	<ul> <li>Piloting the Development of Landscape-scale Adaptation Strategies for Species of Greatest Conservation Need in Arkansas – D. Todd Jones-Farrand (20 min)</li> </ul>
<b>5:00</b>	o Integrating Range-restricted Imperiled Species Conservation into the South Atlantic Conservation Blueprint –
	Rua Mordecai (20 min)
	o Envisioning the Future of Conservation in the Florida Keys: Identifying Adaptation Options in Response to
	Rising Sea Levels – Beth Stys (20 min)
	<ul> <li>BREAK (15 min)</li> <li>Conservation Delivery: Scaling Landscape Scale Science to Local Projects Through a Community of Practice –</li> </ul>
	Jessica Graham (20 min)
	<ul> <li>Adding It All Up – The Southeast Conservation Adaptation Strategy – Chris Goudreau (20 min)</li> </ul>
	o Facilitated Discussion: What's working well and what isn't with linking large landscape conservation and
	imperiled species? (20 min)
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Day 2 March 7, 2018, continued - Concurrent Natural Heritage Workshops – All are welcome!

Servironmental DNA (cDNA) in Detection and Monitoring of Aquatic Species — James Godwin, A Natural Heritage Program (15 min)		Zoology and Data Management		Botany ar	Botany and Ecology		
Monitoring of Aquatic Species – James Godwin, AL Natural Heritage Program (15 min)	1:00	Ct C			· Ct		
2:00 2:00- 2:15 Data Access and Data Management 2:15 Environmental Review Tools: Environmental Review Tools: Start's Misty Buchanan and Rodney Butler, NCNHP, Rene Hypes, VANHP; Marion Werkheiser, Cultural Heritage Partners.  3:30 Presentations from states that charge fees: (15 min each) Discussion  Presentations and states that charge fees: (15 min each) Discussion  Presentations and states that charge fees: (15 min each) Discussion  Presentations and states that charge fees: (15 min each) Discussion  Presentations and discussions Coordinated by NatureServe Data Management Discussion  Presentations and doney Butler, NCNHP, Rene Hypes, VANHP, NCNHP and Whitney Weber, NCNHP; Rene Hypes, VANHP, In Horn, KYNHP, Multijurisdictional data coordination and fees: Shara Howie, NatureServe.  NatureServe  Discussion:  NatureServe (15 min) O Flora Manager – Alan Weakley, UNC (15 min) O Discussion (30 min)  Statury Discussion (30 min)  Statury Data Management  Zoology Botany Presentations and discussions coordinated by MatureServe and Discussion  Presentations and discussions Coordinated by NatureServe Inventory and Conservation Assessment of the Lepidoptera and Odonata Coordinated by Whitney Weber, NCNHP; Rene Hypes, VANHP; In Horn, KYNHP, Multijurisdictional data coordination and fees: Shara Howie, NatureServe  NatureServe  NatureServe  Discussion of the Virginia – Steve Roble, VA Natural Heritage Program (15 min)  NatureServe (15 min) O Flora Manager – Alan Weakley, UNC (15 min) O Discussion (30 min)  Presentations and discussions coordinated by Wes Knapp, NCNHP and NatureServe NatureServe  NatureServe  Discussion of topics will include: O Southeastern Partners in Part	_				- · · · · · · · · · · · · · · · · · · ·		
o SEAFWA Update and Next Steps – Bob Gottfried, TX Parks and Wildlife Department (15 min) o Overcoming Challenges to Using eBird Data in Heritage Contexts – Bruce Young, NatureServe (15 min) o Priorities for Freshwater Invertebrates – Bruce Young (15 min)  2:00- BREAK  2:15  Data Access and Data Management Zoology Botany Presentations and discussions and discussions of ERTs: (15 min each) Lori Scott, NatureServe; Misty Buchanan and Rodney Butler, NCNHP, Renee Hypes, VANHP; Marion Werkheiser, Cultural Heritage Partners.  Presentations from states that charge fees: (15 min each) Conservation Assessment of the Conservation Assessment of the Radcliffe (15 min each) ROMHP and Discussion  Presentations from states that charge fees: (15 min each) ROMHP and discussions Coordinated by Judy Ratcliffe, Wes Knapp, NCNHP and Assessment of the Conservation Assessment of the Lepidoptera and Odonata Faunas of Virginia – Steve Roble, NCNHP and States that charge fees: (15 min each) ROMHP and Discussion  Presentations and discussions of the Conservation – Carrie and Odonata Faunas of Virginia – Steve Roble, NCNHP and Whitney Weber, NCNHP; Rone Hypes, VANHP; Ian Horn, KYNHP. Multijuirisdictional Meterope Program (15 min) NatureServe Multijuirisdictional Meterope Rate of the Conservation – Carrie and Odonata Biodiversity Horspot: Botanical Facts and Figures – Bruce Sorrie (15 min) National Vegetatior Classification and Peer-Review Process – Don Faber-Langendoen (30 min) National Vegetatior Classification and Peer-Review Horspot: Botanical Facts and Figures – Bruce Sorrie (15 min) National Vegetatior Classification and Peer-Review Process – Don Faber-Langendoen (30 min) on the Comment of the preceding Zoology and Each Process – Don Climate Change and HCCVI - Regan	2:00			•	, , , , , , , , , , , , , , , , , , , ,		
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Day 3 (Half Day, Optional Full Day) - March 8, 2018

	8:00 – 8:30 Breakfast (provided)		
	Concurrent Sessions		
8:30 -	Communication	Online Science Tools	
10:45			
	<ul> <li>How Can I Do Science and</li> </ul>	o FloraQuest – Alan Weakley, UNC Herbarium and Michael	
	Communicate About Science at the	Lee, UNC-Chapel Hill (15 min)	
	Same Time? – Roland Kays, NC	o Flora of Virginia App – Johnny Townsend, VANHP (5 min)	
	Museum of Natural Science and NC	<ul> <li>Flora of the Southern and Mid-Atlantic States</li> </ul>	
	State University (30 min)	(http://www.wotas.org) - A Guided Tour of Plant	
	<ul> <li>Sharing Science with Citizens – Steve</li> </ul>	Information Resources at the North Carolina Botanical	
	Gerkin, NC Zoo (30 min)	Garden – Damon Waitt, NC Botanical Garden (15 min)	
	o BREAK (15 min)	o Plant Identification Tools and Resources: The SERNEC	
	<ul> <li>Leveraging Biodiversity Data to</li> </ul>	Portal and North Carolina Contributions – Alexander	
	Empower Kids to Act on Behalf of	Krings, NC State University (15 min)	
	their Ecosystems – Courtney Kimmel,	Museum Informatics Data Security: A Need for	
	Captain Planet Foundation (15 min)	Collaboration – Zack Murrell and Michael Denslow, ASU;	
	o Media Relations – Matthew Shipman,	Herrick Brown, SC Heritage Trust Program (15 min)	
	NC State University (15 min)	o BREAK (10 min)	
	o Discussion/breakout groups – Rodney	o Broad-scale Camera Trap Surveys – Stephanie Schuttler, NC	
	Butler, NC Natural Heritage Program	Museum of Natural Science (15 min)	
	and Buchi Akpati, NatureServe (30	Maryland Biodiversity Project – Jim Brighton, 15 min	
	min)	Use of Biodiversity Websites to Share Information Among	
		Scientists, Conservationists, Educators, Naturalists, and the	
		General Public – Steve Hall and Harry LeGrand, North	
		Carolina Biodiversity Project (15 min)	
		o Shared Discussion (15 min)	

- 10:45 11:00 BREAK/reconvene in plenary room
- 11:00 12:00: The Southeast's Amazing Biodiversity: a benediction and call to action Alan Weakley
- 12:00 1:00: Boxed lunch (provided)
- Afternoon: Field Trips (optional advanced registration only)
  - o Mason Farm & NCBG: Led by Johnny Randall and Dan Stern 1:00-4:00 pm
  - o **Weymouth Woods**: Led by Alan Weakley and Wes Knapp, 12:30-6:00 pm
  - o **Deep River (paddling trip):** Led by Scott Pohlman and Judy Ratcliffe, 12:30 6:00 PM
  - Occoneechee Mountain State Natural Area Led by Misty Buchanan and Nathan Shepard 1:00 4:30
  - o Swift Creek Bluffs and Hemlock Bluffs Led by Michael Schafale 1:00 5:00 PM
  - o Willie Duke's Bluff Wildflowers Led by Milo Pyne 1:00 6:00 PM