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| **Threat** | **RCN Topic Proposal** | **Additional Details** | **SWAP Coordinator Meeting** |
| Pollution | Topic **3**, 4 | 3: **protect pollinators from chemical toxins**4: improve BMPs to protect riparian and marsh habitats | * Enhance communication about chemical use (neonicotinoids) and impacts to SGCN.
* Road salt and de-icing, prioritize aquatic systems
* ID hot spots of biodiversity?
* Work with NRCS, partners to develop regional BMPs
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| Disease | Topic 1, **3** | 1: Focus on Bsal and other diseases of reptiles and amphibians1: prevent disease introduction from the pet trade1: Explore opportunities and feasibility for early detection at ports of entry (work with Disease Cooperative)1: develop treatment and containment protocols3: **Pollinator Diseases** | * **Concern about captive bee colonies introducing disease to wild populations**
* BSal
* WNS
* Messaging at retail level of neonicatinoids to SGCN/RSGCN
* Review ranavirus RCN that was already done. Next steps? Develop rapid assessment tool?
* Are we missing some fish Disease?
 |
| Invasive Species | Topic **2** | * **Select appropriate treatment method**
* **Identify demonstration projects**
* **Develop and distribute BMPs to partners local land managers, land trusts, etc.**
 | * Follow up with climate science center on hot invasives that may become bigger problems.
* Regional assessment of biological controls for invasive species.
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| Natural System Modification | Topic 4 | 4: reduce costs for stream connectivity projects by optimizing designs4: Collaborate with Brook Trout Joint Venture and others to maximize collective return on investment in riparian restoration3: Collaborate with young forest initiatives | * Expand the AppLCC Riparian Restoration Decision Support Tool (cold water streams) eastward to encompass the North Atlantic LCC.
* Beaver Management: Habitat loss, conversion, degradation, etc.
* Dam and barrier removal for aquatic connectivity
* Crosswalk state dam removal with RCOAs
* Fire Learning Networks
* Habitat restoration in riparian zones
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| Development | Topic **2**, **3** | 2: **Focus on supporting turtle movement across habitat types preventing road kill and habitat loss****2: Develop more cost-effective designs****2: Install road crossing structures, fencing, protected nesting areas etc. (Partner with DOT’s)**3: **Pollinator habitat – provide information on seed mixes and land management that supports pollinators** | * Link Core areas across the region
* Expand the VT, NH, ME example south
* Develop and provide outreach materials (SWAP targets and BMPS) for planners and decision makers)
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| Climate Change | Topic 5 | Coastal resilience | * With NECSC identify opportunistic invasive species
* Identify candidates for assisted migration
* Incorporate connectivity into grant and land acquisition decisions
* Identify opportunities for marsh migration
* Agricultural irrigation a concern in some states as climate changes.
* Develop refugia map
 |
| Administrative / Planning | Topic **3**, 6 | * Establish baseline, targets, and monitoring protocols for pollinators, potentially with citizen science component
* How Native Pollinators benefit agriculture
 | * Test the regional monitoring protocol
* Developing SWAP Implementation Tracking Tools
* Northeast Regional Field Guide – consolidated efforts
* Consultants should help assess sites rather than having F&W department staff conduct reviews
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A number of ideas presented above involve coordination with partners to communicate SWAP priorities and incorporate them into partner programs. Some of these “actions” would require a liaison, or working group, but wouldn’t require substantial grant funds. Partners that are often mentioned:

* NE Disease Cooperative
* Natural Resources Conservation Service
* North Atlantic and Appalachian LCCs
* Northeast Climate Science Center
* Departments of Transportation

Limitations:

* Lack of knowledge about invertebrates / pollinators
* Lack of authority to manage invertebrates / pollinators (in some states)
* Need to develop partnerships for these species

