Table 2. Matrix of Actions, Projects, Priority Needs, Next Steps and Responsibility

October 2014 update: Blue indicates new material; **bolded items under regional projects identify additional projects underway to address needs**; *italicized items under potential next steps indicate steps that are being acted on*.

LCC Compo-nent	Action	Regional Projects Completed or Underway	Northeast Workshop Overall High Priorities	RCN Topics/LCC Science Need Priorities	Potential Next Steps	Responsibility
Ecological Planning	Action 1: Develop and maintain lists of priority species and natural communities	USFWS: Federal Trust Species lists; States: Individual State SGCN lists; NEAFWA Terrestrial and Aquatic Habitat Classifications; NEAFWA high concern, high responsibility species **NALCC/NEAFWA: through regional SWAP synthesis, identified subset of Species of Greatest Conservation Need as regional species of highest responsibility & concern (RSGCN). Draft regional lexicon and SWAP database developed**	•Support development of SWAP database to promote consistency in next generation of SWAPs	RCN Topic 2: Identify High Priority NE Species of Greatest Conservation Need (invertebrates)	• Make compiled lists and tables available online [Completed]	LCC staff can post on website
	Action 2: Identify representative species	USFWS: Representative Species Process for North Atlantic LCC geographic area **NALCC: selecting subset of representative species for species-habitat modeling in Designing Sustainable Landscapes and Downstream Strategies aquatic and coastal Decision Support Tool (DST) regionally and in Connecticut River Watershed.**			• *Additional work on selecting aquatic species* • *Continue to coordinate with Appalachian and South Atlantic LCCs as they develop indicator and rep. species approaches*	USFWS with partners
	Action 3: Compile and develop population objectives	USFWS: Compiled lists from existing migratory bird, fisheries and endangered species recovery plans; States: State Wildlife Action Plans (SWAPS) **NALCC: contributing to pilot effort of ACJV to develop regional population objectives for migratory birds; Connecticut River Watershed landscape conservation design pilot includes setting population objectives**	• In new SWAPs recommend adopting consistent format to allow region-wide roll up (including population targets) for establishing goals; • Develop a process to develop regional representative species goals. •Support development of SWAP database to promote consistency in next generation of SWAPs		•*Support compilation of SWAP objectives as part of SWAP database;* •*Develop process for developing or refining goals* *NALCC: pilot landscape conservation design efforts in CT River watershed includes population objectives*	Joint effort of LCC and NEAFWA?

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	Action 4: Compile info. on threats and limiting factors	RCN: Identifying relationships between invasive species and Species of Greatest Conservation Need in the Northeast region (RCN 2007-3) **NALCC: Assessing habitat limiting factors as part of habitat capability modeling for representative species; NALCC detail and summary paper on climate change and environmental contaminants.** **States: Synthesis of threats as part of SWAP synthesis.** **RCN: addressing threats and limiting factors for individual SGCN and RSGCN.**		RCN Topic 3: Identify NE Species of Greatest Conservation Need Data Gaps, Design Data Collection Protocols, and Collect Data NALCC: Adaptive Management Frameworks for Representative Species	*•Continue initial efforts on representative species modeling;* *•RCN support for addressing SGCN data gaps*	*Initial modeling through NALCC projects such as DSL, PARCAs, and Aquatic DST; SGCN work through NEAFWA RCN*
	Action 5: Conduct climate change vulnerability assessments	RCN: Assessing the Likely Impacts of Climate Change on Northeastern Fish and Wildlife Habitats and Species of Greatest Conservation Need (RCN 2009-1); NALCC: **supporting projects to assess vulnerability of habitats (phase 2 of Manomet RCN project; completed), high priority and representative species (NatureServe), reptiles and amphibians (PARCA project), salmonids (USGS forecasting change in aquatic systems) and plovers and coastal ecosystems (Virginia Tech and USGS sea level rise projects and Structured Decision Making for Sea Level Rise). Expanding beach and marsh resiliency projects through Hurricane Sandy funds including vulnerability of beach species and marsh species to sea level rise and storms.**	• Better information/tools on assessing sea level rise impacts on species and marsh management	NALCC: General vulnerability assessments to northeastern fish and wildlife habitats and species	*•Continue final reviews of RCN/LCC vulnerability assessment reports of Manomet, NWF, and NatureServe; synthesize results of completed assessments*	LCC, NEAFWA, Manomet, NWF, NatureServe
				Specific vulnerability assessments of northeastern amphibians and reptiles	*•Support NEPARC PARCA and vulnerability assessment project*	LCC, NEPARC
				NALCC: Specific vulnerability assessments of cold water stream habitats and species including brook trout	*•Additional support for brook trout and other cold water vulnerability assessments incorporating EBTJV needs*	USGS Science Center support, Coordination with ongoing projects and EBTJV
				NALCC: Vulnerability of coastal wetlands and beaches to sea level rise and other anthropogenic stressors	*•Assess current state of sea level rise data and tools for predicting impacts to coastal habitats; determine gaps and needs.*	LCC working with NOAA, NPS, USGS, EPA, and state CZMs

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	Action 6: Develop and apply models	NALCC: Designing Sustainable Landscapes for Wildlife: forecasting changes to landscapes, habitats and species & development of decision support tools (NALCC 2010); NALCC: Forecast effects of sea level rise on habitat of piping plovers & identify responsive conservation strategies (NALCC 2010); NALCC: Forecasting changes in aquatic systems and resilience of aquatic populations (NALCC 2010) **NALCC: marine bird mapping and modeling (NALCC 2011)** **NALCC: reptile and amphibian modeling through PARCA project (NALCC 2011)** **NALCC and ACFHP: Decision Support Tool for North Atlantic Watersheds and Estuaries (NALCC 2012).** **NALCC: Hurricane Sandy projects modeling beaches, marshes and streams**		NALCC: Species-habitat modeling and mapping of aquatic species; NALCC: Species-habitat modeling and mapping of terrestrial and wetland species	•*Complete ongoing terrestrial, aquatic and coastal projects*	LCC
				NALCC: Adaptive Management Frameworks for Representative Species	•Support Adaptive Management Framework for American Black Duck	LCC, BDJV
	Action 7: Determine immediate priorities (triage)			RCN Topic 7: Identify and Assess Threats to NE Species of Greatest Conservation Need	•Assess LCC and RCN role on as needed basis	LCC, NEAFWA
Conserva-tion Design	Strategy 1: Assess decision support needs	**NALCC: decision support needs are being incorporated through manager participation in LCC oversight groups, workshops, and other interactions for decision support projects. Also being evaluated through LCC Science Delivery Team and part of landscape conservation design pilot in Connecticut River watershed.**			•*Ensure that all projects have links to and input from conservation decision-makers.*	LCC
	Action 2: Develop regional, consistent, spatial databases	RCN: Creation of Regional Habitat Cover Maps: Application of the NE Terrestrial Habitat Classification System (RCN 2007-1) RCN: An interactive, GIS-based application to estimate continuous, unimpacted daily streamflow at ungaged locations in the Connecticut River Basin (RCN 2007-6)	• Finish mapping all systems (Canada, lakes); • Usable product (expectations, limits); • Mapping accuracy and validation; • Layers (land use, threats,	RCN Topic 1: Develop Regional Base Maps for Analyses of NE SGCN Data (marine);	•*RCN or LCC support for marine mapping*	NEAFWA, LCC
				NALCC: Habitat mapping and modeling at NALCC scale	•*Consider expansions of consistent data layers into Canada*	LCC with Canadian partners

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		RCN: Instream Flow for Great Lakes Basin of NY and PA (RCN 2010-2) DD: Northeast Aquatic Classification and Mapping/Northeast Aquatic Habitat Classification System (Doris Duke) **NALCC is supporting addition of lake and pond classification.** DD: Northeast Terrestrial Habitat Classification System (Doris Duke) DD: Secured Lands of the Northeast (Doris Duke 2007) **NALCC: compiling regional datasets, including for purposes of regional SWAP synthesis and by hiring/co-funding GIS analysts to make regional data more accessible and useful.** **NALCC: supported modification of Northeast Terrestrial Habitat Map for Virginia portion and (with NE Climate Science Center) supporting extension of map to Canada (NALCC 2011, 2012).** **NALCC: Designing Sustainable Landscapes project is compiling and creating regionally consistent datasets (NALCC 2010, 2012).** **NALCC: culvert and stream road crossing data are being collected and organized by the aquatic connectivity project (NALCC 2013).** **NALCC: other projects include coastal classification, marine bird and vernal pool mapping, coastal wetland mapping updates, and identification of migratory landbird stopover habitat.** **NECSC: compiling and modeling regional stream temperature data**	refugia, invasives); • Create distribution maps for regional responsibility/high concern species •Better aquatic temperature data/classification	NALCC: Habitat mapping and modeling of marine bird distributions and coastal migration of birds and bats	*•Work with North Atlantic Marine Bird Cooperative to assess priorities*	LCC, USFWS, ACJV
				NALCC: Managed Lands Database Development	•Work with ACJV on proposal for database	LCC, ACJV
				NALCC: Consistent/updated secured lands database	•Ensure incorporation of information from National Conservation Easement Database into Northeast Secure Lands Database (TNC)	LCC, TNC
					Assess needs for consistent data layers on stream temperature and hydrology	LCC, USGS
	Action 3: Assess the existing habitat capacity	RCN: Geospatial Condition Analysis of Northeast Habitats Based on the Northeast SGCN Habitat Maps (RCN 2009-2) RCN: The Conservation Status of Key Habitats and Species of Greatest Conservation Need in the Eastern Region	• Create distribution maps for regional responsibility/high concern species.	NALCC: Assessment of forest condition and management	*•Complete first phase of representative species-habitat modeling including distribution maps;* •Consider more	LCC, NEAFWA

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		(RCN 2007-5) **NALCC: Designing Sustainable Landscapes and Aquatic Decision Support Tool projects are assessing habitat capacity and climate suitability for a set of representative species (NALCC 2010, 2012).** **NALCC: Compiling and synthesizing high concern/high responsibility SGCN locations as part of regional synthesis and Regional Conservation Opportunity Areas.**			detailed status assessments of habitats based on results of RCN Conservation Status Report	
	Action 4: Determine habitat objectives	NALCC: Designing Sustainable Landscapes for Wildlife: forecasting changes to landscapes, habitats and species & development of decision support tools (NALCC 2010). **NALCC & partners: Connecticut River Watershed pilot is developing species-based habitat objectives and ecosystem objectives using tools from several projects including Designing Sustainable Landscapes**			•*Complete first phase of representative species-habitat modeling* •*Pilot watershed landscape conservation designs will link population and habitat objectives*	LCC
	Action 5: Predict landscape change and future capacity	NALCC: Designing Sustainable Landscapes for Wildlife: forecasting changes to landscapes, habitats and species & development of decision support tools (NALCC 2010); NALCC: Forecast effects of sea level rise on habitat of piping plovers & identify responsive conservation strategies (NALCC 2010); NALCC: Forecasting changes in aquatic systems and resilience of aquatic populations (NALCC 2010) **NALCC and NECSC: supporting assessment of coastal ecosystem (marshes and beaches) response to sea-level rise (NALCC 2013) and expanding resiliency modeling through Hurricane Sandy.**	• Better information/tools on assessing sea level rise impacts on species and marsh management	NALCC: Climate model downscaling	•*Complete first phase of three LCC landscape change projects;* •*Identify additional needs for Climate Science Center*	LCC, CSC

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	Action 6: Develop decision-support tools	RCN: Northeast Regional Connectivity Assessment Project (RCN 2007-2) RCN: Proposal to Establish a Regional Initiative for Biomass Energy Development For Early-Succession SGCN in the Northeast (RCN 2007-7) RCN: An Interactive, GIS-based Application to Estimate Target Fish Communities in Northeastern Streams (RCN 2008-1) NALCC: Forecasting changes in aquatic systems and resilience of aquatic populations (NALCC 2010) NALCC: Forecast effects of sea level rise on habitat of piping plovers & identify responsive conservation strategies (NALCC 2010); NALCC: Designing Sustainable Landscapes for Wildlife: forecasting changes to landscapes, habitats and species & development of decision support tools (NALCC 2010); **NALCC: DST for North Atlantic Watersheds and Estuaries (NALCC 2012);** **NALCC: aquatic connectivity project for stream road crossings (NALCC 2013) and related Hurricane Sandy project.** **NALCC & partners: resiliency for beach and marsh ecosystems in face of SLR (Hurricane Sandy fund support)**	•Working with implementers/users, translate the information into usable tools		•*Complete first phase of three LCC landscape change projects;* •*Involve user groups in ongoing or completed projects* •*Integrate tools in pilot landscapes*	LCC, NEAFWA
	Action 7: Assess protected and managed lands	DD: Northeast Secured Lands (Doris Duke) RCN: Geospatial Condition Analysis of Northeast Habitats Based on the Northeast SGCN Habitat Maps (RCN 2009-2) RCN: The Conservation Status of Key Habitats and Species of Greatest Conservation Need in the Eastern Region (RCN 2007-5)		NALCC: Assessment of forest condition and management NALCC: Consistent/updated secured lands database	•Consider additional forest condition analysis •Incorporate assessments into landscape conservation designs	LCC
	Action 8: Develop landscape designs	RCN: Regional Focal Areas Site Adaptive Capacity, Network Resilience and Connectivity (RCN 2008-3) RCN: Identification of Tidal Marsh Bird	• Identification of habitat focus areas with a step up step down (regional to local) process to implement on-the-ground	RCN Topic 4: Identification of Regional Focal Areas and Corridors for the Conservation of	•Consider submitted RCN projects (grassland birds, black rail, permeable	*NEAFWA RCN for grassland birds and rail; possibly LCC*

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		Focal Areas BCR 30 (RCN 2010-3) NALCC: Designing Sustainable Landscapes for Wildlife: forecasting changes to landscapes, habitats and species & development of decision support tools (NALCC 2010); **NALCC: project to identify Priority Amphibian and Reptile Conservation Areas (NALCC 2011);** **Regional synthesis of species and habitat data and focus areas as part of SWAP synthesis, including the exploration of the development of regional Conservation Opportunity Areas;** **Permeable landscapes (NALCC 2011);** **NALCC & partners: Connecticut River Watershed pilot is developing a comprehensive conservation design using tools from multiple RCN and LCC-supported projects including Designing Sustainable Landscapes, TNC habitat classification and resiliency analysis, and USGS brook trout forecasting;** **Science delivery grants program projects to demonstrate application of tools including the Connecticut River Watershed, and Susquehanna. States identifying Regional Conservation Opportunity Areas.**	habitat conservation, restoration, and management; • Development of habitat focus areas and corridors • Overlay and integrate datasets to delineate landscapes of regional significance (focal areas and connectivity) • Provide information on landscapes of regional significance to conservation partners to implement specific conservation actions •Develop conservation designs for multiple representative species • Create distribution maps for regional responsibility/high concern species.	Species of Great Conservation Need in the Northeast	landscapes)	*for permeable landscapes*
				NALCC: Assessments of landscape connectivity	•*Consider supporting RCN project on permeable landscapes* [LCC is supporting this project]	LCC, TNC
				NALCC: Identifying focal areas for conservation (for herps)	•*Support for PARCA project NE-PARC*	LCC, NE-PARC
					•Consider focus area, green infrastructure synthesis of existing projects	LCC
					•*Complete Phase 1 of LCC Designing Sustainable Landscapes Project to develop pilot landscape designs in three pilot watersheds* [phase 1 complete, phase 2 underway]	LCC, UMass
	Action 9: Test conservation design approaches	NALCC: Forecasting changes in aquatic systems and resilience of aquatic populations (NALCC 2010) NALCC: Forecast effects of sea level rise on habitat of piping plovers & identify responsive conservation strategies (NALCC 2010); NALCC: Designing Sustainable Landscapes for Wildlife: forecasting changes to landscapes, habitats and species & development of decision support tools (NALCC 2010&2012)			•*Complete Phase 1 of LCC projects in pilot areas and consider expansion to rest of LCC* • Compile lessons learned report from CT River pilot and share with other efforts working on design	LCC, UMass

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	Action 10: Science translation	**NALCC: working to explain and translate products through several projects, including the regional SWAP synthesis effort; the Science Delivery team established in 2013; and the science delivery grants that are translating and delivering information to local partnerships, land trusts and communities.**			•Work with PIs on completed RCN projects on user guides and other tools to explain and translate	NEAFWA, LCC
Conservation Adoption and Delivery	Action 1: Provide products of biological planning and conservation design	RCN: Development of Model Guidelines for Assisting Local Planning Boards with Conservation of Species of Greatest Conservation Need and Their Key Habitats through Local Land Use Planning (RCN 2008-2); **NALCC: Information Management Needs Assessment and Website development; Conservation Planning Atlas on DataBasin for spatial datasets.** **RCN: User Guides for terrestrial and aquatic maps; RCN: improvements to rcngrants.org website;** **NALCC/RCN: Synthesis of regional spatial data and tools.** **NALCC training for states and other partners. LCC working with NROC and MARCO to deliver coastal resiliency science through Hurricane Sandy projects.**	• An information delivery mechanism should be a requirement of every future RCN product •Provide cookbook or catalog of on-the-ground implementation details that translate conservation design results into practical actions or projects •Communications, tool kit, users guide	NALCC: Best management practices (for vernal pool dependent herpetofauna) **Discussions by Technical Committee from 2012-2013 modified the scope of this topic to compiling locations of vernal pools and approaches to identifying them (NALCC 2013)**	•Consider project to support BMPs for herpetofauna	LCC or NEAFWA
					•Support better distribution and translation of RCN products	NEAFWA RCN
	Action 2: Host forums for conservation delivery partners	**NALCC/RCN: Synthesis of regional spatial data and tools.** **Science Delivery Team established in 2013 is considering this and other approaches to delivering conservation science. In response to 2013 RFP, four science delivery projects have been selected that will include hosting forums of conservation delivery partners**	• Take existing RCN products and fund a communications specialist to repackage and deliver information • Deliver the results (synthesis) of the projects (products) in a meaningful way		*•Work with states to develop a strategy for delivering results to partners.*	NEAFWA
	Action 3: Implement demonstration projects	• Implementing Bird Action Plans for Shrubland-Dependent Species of Greatest Conservation Need in the Northeast (RCN 2007-8)		RCN Topic 5: Design and Implement Conservation Strategies for NE Species of Greatest Conservation	•RCN support for SGCN implementation strategies	NEAFWA RCN

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		• Staying Connected in the Northern Appalachian: Mitigating Fragmentation & Climate Change Impacts on Wildlife through Functional Habitat Linkages (Comp SWG) • White Nose Syndrome: Multi-state Coordination, Investigation and Rapid response to an Emerging Wildlife Health Threat (Comp SWG) • Rangewide New England Cottontail Initiative (Comp SWG) **NALCC: three demonstration projects, at different spatial scales, are being completed to test and demonstrate conservation action informed by regional-scale science and planning (NALCC 2012). In 2014, four new science delivery projects were selected, including training and demonstration of RCN and LCC products.**		Need (Bicknell's Thrush, Wood Turtle)		
				NALCC: Adaptation planning pilot projects	•*Articulate LCC role in supporting demonstration projects*	LCC
				NALCC: Adaptive Management Frameworks for Representative Species	•Support Adaptive Management Framework for American Black Duck	LCC, BDJV
Monitoring	Action 1: Coordinate existing population surveys	RCN: Development of avian indicators and measures for monitoring threats and effectiveness of conservation actions in the Northeast (RCN 2007-4) • The Conservation of Marsh Tidal Birds: Guiding Action at the Intersection of Our Changing Landscape (Comp SWG) **NALCC: projects are coordinating Hurricane Sandy monitoring**	•Identify and leverage existing federal monitoring programs and develop state/tribal/ngo surveys to complement the federal surveys to provide regional status •Establish Uniform Monitoring Practices that can be applied across large geographic areas for multi-jurisdictional resources		•Host coordination meeting with LCC, NWRS and NPS I&M programs	LCC
	Action 2: Identify and support unmet priority monitoring needs	RCN: Regional Analysis of Frog Monitoring (RCN 2010-4) RCN: Development of Non-invasive Monitoring Tools for New England Cottontail Populations: Implications for Tracking Early Successional Ecosystem Health (RCN 2009-4); **NALCC Invasive species detail and reports; NALCC conservation targets assessment including measurable**	• Ensure accurate monitoring of representative species to support biological assessment and conservation design •Identify and increase ways to include citizen scientists in monitoring	RCN Topic 6: Design and Implement Monitoring Protocols, Measures, and Indicators for NE Species of Greatest Conservation Need (aquatic, estuarine, marine)	•Further define this RCN (no projects were identified through RFP)	NEAFWA RCN
				NALCC: Detecting changes in species distribution (for invasives)	•*Explore role in invasive species monitoring through*	LCC

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		indicators. **NALCC role in evaluating priority monitoring needs**			*detail by invasive species expert*	
					•Identify monitoring needs for selected representative species	USFWS, LCC
	Action 3: Coordinate closely with NPS and NWRs I&M Programs	USFWS: Flyway Integrated Waterbird Monitoring and Management **USFWS/LCC: coordination for Hurricane Sandy monitoring**	•Identify and leverage existing federal monitoring programs and develop state/tribal/ngo surveys to complement the federal surveys to provide regional status		•Host coordination meeting with LCC, NWRS and NPS I&M programs	LCC
	Action 4: Develop habitat monitoring objectives and assess net change	**NALCC, USFWS, & partners: monitoring of beach and marsh ecosystems is being incorporated into Hurricane Sandy resiliency projects**		NALCC: Analysis of recent landscape change	•Explore options for assessing contemporary land-cover change	LCC, USGS, EPA
	Action 5: Develop metrics for measuring success of conservation actions	DD: Northeast Regional Monitoring and Performance Reporting Framework (Doris Duke) RCN: Regional Indicators and Measures: Beyond Conservation Land (RCN 2008-5) **NALCC: working with DOI agencies to develop metrics for measuring success of Hurricane Sandy restoration actions**	• Specific performance criteria and reporting must be a required part of all RCN projects--best if they are standardized • Long-term monitoring and performance evaluation to feed into the conservation framework, Fund implementation of the NE Regional Monitoring and Performance Reporting Framework		•NEAFWA RCN Support for implementation of the NE Regional Monitoring and Performance Reporting Framework	NEAFWA
	Action 6: Compile results from existing accomplishment tracking databases		•SWG Success Stories: Immediate need for reporting on success of SWG grant-funded work.		•Compile recent SWG results	NEAFWA, USFWS
	Action 7: Use results of monitoring to adapt future planning				•Develop protocols for regular updating of planning	
Research	Action 1: Identify and prioritize	USFWS: FWINS database			•Modify existing or develop new online	LCC, USFWS

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	applied research needs				research needs tracking database	
	Action 2: Coordinate funding for priority applied research projects	RCN: Exploring the Connection Between Arousal Patterns in Hibernating Bats and White Nose Syndrome: Immediate Funding Needs for the Northeast Region (RCN 2007-9); RCN: Lab and Field Testing of Treatments for WNS (RCN 2010-1)			•Establish process for exchange of information on emerging research needs among federal and state agency research funding programs	
	Action 3: Work with the Northeast Climate Science Center (CSC) to identify annual research priorities	**NALCC: has served on panel that recommended science topics and reviewed proposals for FY 2012, 2013, and 2014; regularly works with CSC to identify research priorities and provided comments on their first Science Plan.**			*•Establish close working relationship with new Northeast CSC; build CSC needs assessment into annual LCC needs assessment process*	LCC, USGS
Information Manage-ment	Action 1: Conduct an information needs assessment	**NALCC: Information Needs Assessment by Applied Geographics has been completed (NALCC 2011)**	•Support and engage in the forthcoming regional information needs assessment	Long-term data management system	•Develop a technical team and work with contractor to conduct a Northeast information needs assessment [completed]	LCC, NEAFWA, USFWS
	Action 2: Design and develop database/portal	**NALCC: website is being transformed into a knowledge management system intended to encompass spatial and tabular data at regional scales (northatlanticlcc.org); GIS analyst has been hired and is helping compile regional data. Based on recommendations from the Information Needs Assessment, the NALCC is making spatial data available through USGS ScienceBase and in a Conservation Planning Atlas (nalcc.databasin.org) in DataBasin, which provides visualization and assessment tools for users.**	•Develop a way for states, LCCs and other partners to immediately access the habitat mapping and geospatial condition analysis products coming out of the RCN process •Create regional geospatial database that can be shared and used among all partners • An information delivery mechanism should be a requirement of every future RCN product •Support and engage in the forthcoming regional information needs assessment • Institutionalize long term	Long-term data management system	*•Based on results of Northeast information needs assessment, design and pilot a northeast database/portal system*	LCC, NEAFWA, USFWS

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			datasets on a Regional cooperative basis • Create data sharing agreements between all members of NE conservation community			
	Action 3: Compile and link to existing databases	**NALCC: regional compilation and synthesis of spatial data. The NALCC portals provided by ScienceBase and DataBasin include regional spatial data developed and managed by partners such as The Nature Conservancy and the UMass Designing Sustainable Landscapes project. LCC supported staff at TNC to make data more accessible**	Develop a way for states, LCCs and other partners to immediately access the habitat mapping and geospatial condition analysis products	NALCC: Online tool for accessing the most recent conservation designs	•*Work with partners to compile existing maps and conservation designs*	LCC
	Action 4: Develop and maintain new specific databases	RCN: Development of an Online Database to Enhance the Conservation of SGCN Invertebrates in the Northeastern Region (RCN 2009-3) NOAA regional climate database including climate adaptation (http://www.neclimateus.org/) supported by NALCC. **NALCC: projects are developing specific new databases including for vernal pools (NALCC 2013)**	•Regional habitat management database •Support development of SWAP database to promote consistency in next generation of SWAPs	NALCC: Managed Lands Database Development NALCC: Consistent, updated secured lands database	•Work with ACJV on proposal for managed lands database	LCC, ACJV
					•*Support development of SWAP database pilot*	NEAFWA, LCC
	Action 5: Develop capacity to provide database support	**NALCC: support is available for spatial data housed in ScienceBase and DataBasin.**			•*Include technical support needs in Needs Assessment process*	LCC