

Conservation Actions: SGCN

2015 State of Maine Wildlife Action Plan

Review



- The 376 SGCN have 100s of ‘stressors’ (threats)
- Habitat Conservation Actions are intended to benefit all SGCN (Coarse Filter)
- Action Plans must be Prioritized: lower–priority stressors for some SGCN not addressed



Review: Assigning Stressors to SGCN



Approach

- P1 and P2 SGCN only
- Characteristics: Severity & Actionability
 - Not assigned if low Likelihood or Certainty
 - Assigned only if Moderate or High Severity
 - Actionability: relative ease to prevent, restore, or mitigate impact of Stressor or Stressor itself



Review: SGCN Stressor Prioritization



		<u>Severity</u>	
		Moderate	Severe
<u>Actionability</u>	Highly Actionable	Medium - High	High
	Moderately Actionable	Medium	Medium - High
	Actionable with Difficulty	Low	Low

Approach: Assigning Conservation Actions to SGCN



- P1 and P2 Only
- Address Stressors of Medium–High or High Priority Only
- Category: Species Management, Habitat Management, Policy, Public Outreach, Research, Survey & Monitoring
- Type: New or On–going
- Biological Priority: Moderate, High, Critical
- Notes Field to describe Action (1 sentence)

Approach: Assigning Conservation Actions to SGCN



Guilds: groups of species facing similar conservation problems

- Diadramous fish (8 SGCN)
- Gastropods (7 SGCN)
- Grassland Birds (10 SGCN)
- Lacustrine Odonates (15 SGCN)
- Seaturtles (4 SGCN)
- Shrimp (3 SGCN)



Approach: Assigning Conservation Actions to SGCN



- Preliminary results: ~900 SGCN/Guild – Conservation Action combinations!
- Some very similar Actions were applied to several spp.
- Created Post-hoc ‘Taxonomic Group’ & ‘All SGCN’ Actions



Results



- SGCN Actions (191)
 - Purple Sandpiper: Continue to survey and map wintering sites for Oil Spill contingency planning.
- Guild Actions (166)
 - Bumble Bees: Conduct statewide surveys to document species diversity, distribution, and relative abundance
- Taxonomic Group Actions (8)
 - Birds: Improve documentation of breeding status and distribution through an update to the Maine Breeding Bird Atlas
- All SGCN Actions (9)
 - Conduct a comprehensive review of S-ranks and share with NatureServe.

Results



Category	SGCN	Guild	Taxa Group/ All SGCN	Total
Habitat Management	28	22	1	51
Policy	16	23	8	47
Public Outreach	17	21	1	39
Research	62	50	5	117
Species Management	31	11	0	42
Survey & Monitoring	37	39	2	78
Total	191	166	17	374

Results



Priority	SGCN	Guild	Taxa Group/ All SGCN	Total
Critical	52	31	0	83
High	107	119	17	243
Moderate	32	16	0	48

Type	SGCN	Guild	Taxa Group/ All SGCN	Total
New	108	84	10	202
Ongoing	83	82	7	172

Results



9 Actions Applied to all SGCN:

1. Increase public awareness of the ecological value of SGCN and their conservation needs
2. Develop conservation actions for medium-ranked stressors assigned to P1 and P2 SGCN
3. Review and update SGCN distribution maps on a regular basis
4. Ensure ESTC database tracking is in place and accurate
5. Provide increased partner and public access to SGCN reports, maps, and Conservation Actions

Results

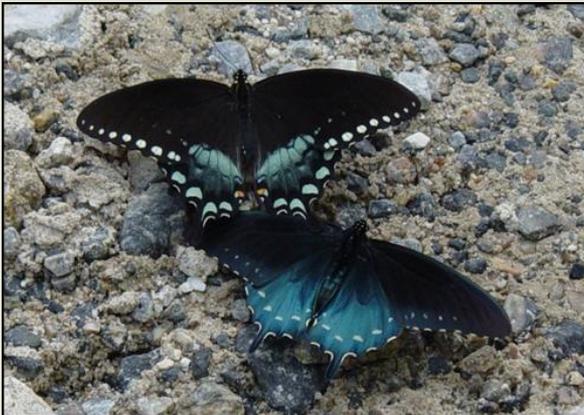


6. Integrate SGCN habitat needs and Conservation Actions more explicitly into MDIFW Wildlife Management Area Plan reviews and updates
7. Conduct a comprehensive review of S-ranks and share with Natureserve
8. Continue and improve quality of mapping and tracking of documented populations using the ESTC database
9. Develop habitat management recommendations for all P1 and P2 SGCN that are sensitive to certain intensive forest management practices

Breakout Group Tasks



- Additions, Deletions, Modifications
- Identify Partnerships to aid implementation
- Identify preferences to access information
- Identify overall satisfaction
- Identify ways to track Partner contributions



Breakout Groups



- Reptile, Amphibian, Invertebrate
- Marine
- Birds
- Inland Fish & Mammal