

## Avian Work Group Meeting #2

Friday, September 19; 9:00am – 10:30am

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### Materials:

- Description of Northeast species list prioritization process (page 2)
- Updated Draft Northeast species list (pages 3 - 4)

Call in: 1-855-244-8681 Code/Meeting #: 735 277 380

### Webinar Link:

<https://dukeuniversity.webex.com/dukeuniversity/j.php?MTID=m8595affa3ded24509487d4d9093eaf93>

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### Agenda:

- I. **Welcome, introductions, etc. (Nick Napoli and Emily Shumchenia, NROC)**
  - Roll call
  - Follow-ups and outreach with work group members since Call #1
  - Process for following up after this call
- II. **Species prioritization/groupings options (Brian Kinlan, NOAA)**
  - Work accomplished since Call #1 in refining the list – see updated list pages 3 - 4
  - Priority species we can model
  - Priority species we cannot model
  - Next steps
- III. **Methods overview (Brian Kinlan, NOAA; Earvin Balderama, Loyola University)**
  - Brief overview of proposed modeling techniques
  - Discussion/questions
- IV. **Proposed products overview (Brian Kinlan, NOAA)**
  - Parameter(s) mapped (e.g. probability of occurrence, abundance, quantiles)
  - Presenting/integrating results across multiple species, models
- V. **Feedback & discussion of possible additional products (Group discussion facilitated by Brian Kinlan, NOAA)**
- VI. **Summary and Next Steps**

**Northeast avian species prioritization process – refer to table on pages 3 - 4**

- **In first column “Priority Species”:** 1 = species...
  - is “highest” or “high” priority in Bird Conservation Region 30 (New England/Mid-Atlantic coast) OR
  - is listed as endangered by any New England state OR
  - is protected/recognized/previously mapped in state ocean plan
  
- **In second column “MDAT model”:** 1 = species...
  - has > 100 observations in Compendium (i.e., MDAT can model this species)

Priority Species	MDAT (Model)	Species - common name	Family	Federal		Other regional priorities			Northeast priorities			MDAT no. of observations					BOEM/Stantec Vulnerability		
				ESA	MBTA	FWS BCR-31 (Florida)	FWS SAMBI BCR-27 (Southeast)	FWS BCR-14 (Gulf of Maine)	FWS BCR-30 (New England/Mid-Atlantic)	State E, T, SC	State Ocean Plans	Total	Spring	Summer	Fall	Winter	"Habitat"	SHARP species	Collision sensitivity rank
1	1	Herring gull	Laridae	X	X		Nuisance	High	High	NY	22300	5845	3291	7663	5501	Coastal/Marine		9.8	8.6
1	1	Northern gannet	Sulidae	X	X		Nuisance	High	High	NY	19687	5868	1538	4192	8089	Marine		9.46	8.85
1	1	Great black-backed gull	Laridae	X	X		Nuisance	High	High	NY	16053	3411	3347	5449	3846	Coastal/Marine		9.8	9.35
1	1	Great shearwater	Procellariidae	X	X		High	High	High	NY	12765	614	5817	6190	144	Marine		7.86	8.16
1	1	Wilson's storm petrel	Hydrobatidae	X	X		High	Moderate	Moderate	NH (T); MA, CT, NY (SC)	10886	1722	7743	1331	90	Marine		7.27	7.27
1	1	Common loon	Gaviidae	X	X		High	Moderate	Moderate	MA SSU; RI ADP	8299	2445	621	1327	3906	Marine		7.29	8.37
1	1	Long-tailed duck	Anatidae	X	X		High	Moderate	Moderate	MA SSU; RI ADP	7634	1581	782	1317	3954	Marine		8.43	9.77
1	1	Black-legged kittiwake	Laridae	X	X		High	Moderate	Moderate	NY	7035	748	127	2237	3923	Marine		8.37	7.27
1	1	Red-throated loon	Procellariidae	X	X		High	Moderate	Moderate	NY	6678	2253	742	1828	1855	Marine		7.51	7.76
1	1	Common eider	Anatidae	X	X		High	High	High	MA SSU; RI ADP	5696	2237	173	503	2783	Marine		7.08	9.46
1	1	Common scoter	Anatidae	X	X		High	Moderate	Moderate	MA SSU; RI ADP	5668	1210	710	1084	2684	Marine		8.26	9.92
1	1	Coy's shearwater	Procellariidae	X	X		High	High	High	NY	5094	1192	621	1141	2140	Marine		8.74	9.71
1	1	Laughing gull	Laridae	X	X		Nuisance	High	Moderate	ME (SC)	4368	135	2658	1549	26	Marine		7.38	7.63
1	1	Razorbill	Alcidae	X	X		High	High	High	ME (E)	3726	696	1428	1399	203	Coastal/Marine		8.86	8.88
1	1	White-winged scoter	Anatidae	X	X		High	High	High	MA SSU; RI ADP	3597	856	358	479	1304	Marine		7.84	9.73
1	1	Common tern	Sternidae	X	X		High	High	High	NH, NY (T); ME, MA, CT (SC)	3458	698	313	751	1676	Marine		8.64	9.37
1	1	Black scoter	Anatidae	X	X		High	High	High	MA SSU; RI ADP	3089	543	1448	908	1587	Marine		9.16	9.21
1	1	Leach's storm petrel	Hydrobatidae	X	X		High	Moderate	Moderate	MA (E); ME (SC)	2772	581	155	449	1587	Marine		7.78	9.54
1	1	Sooty shearwater	Procellariidae	X	X		High	Moderate	Moderate	MA SSU	2654	227	1969	457	1	Marine		7.55	7.57
1	1	Dovekie	Alcidae	X	X		High	High	High	NY	2447	784	1548	111	4	Marine		7.59	7.27
1	1	Audubon's shearwater	Procellariidae	X	X		High	High	High	NY	1776	283	53	418	1022	Marine		6.58	7.63
1	1	Pomarine jaeger	Stercorariidae	X	X		High	High	High	NY	1205	130	753	278	44	Marine		7.91	8.33
1	1	Double-crested cormorant	Phalacrocoracidae	X	X		Nuisance	Moderate	Moderate	MA SSU	983	111	146	714	12	Marine		9.61	7.32
1	1	Atlantic puffin	Alcidae	X	X		High	High	High	MA SSU	906	131	230	237	308	Coastal/Marine		8.51	9.79
1	1	Roseate tern	Sternidae	E	X		High	High	High	ME, NH, MA, CT, NY (E)	855	220	273	95	267	Marine		7.15	9.79
1	1	Least tern	Sternidae	X	X		High	High	High	ME, NH (E); RI, CT, NY (T)	621	87	265	208	61	Coastal		9.52	9.8
1	1	Arctic tern	Sternidae	X	X		High	High	High	MA SSU	303	28	183	86	6	Coastal		5.09	0
1	1	Horned grebe	Podicipedidae	X	X		High	Moderate	Moderate	ME (E); NH, MA (SC)	263	44	176	43	0	Marine		8.95	8.87
1	1	Lesser scaup	Anatidae	X	X		High	High	High	MA SSU	186	33	16	31	106	Waterfowl		6.9	8.64
1	1	American golden plover	Charadriidae	X	X		N/A	High	High		103	0	0	0	103	Waterfowl	X	8.24	8.87
1	1	American oystercatcher	Haematopodidae	X	X		High	High	High	ME, RI, CT (SC)						Shorebird		0.59	0
1	1	Atlantic brant	Anatidae	X	X		High	Moderate	Moderate	CT, NY (E)						Shorebird		5.76	0
1	1	Black rail	Rallidae	X	X		High	N/A	N/A							Marsh		0.05	0
1	1	Black skimmer	Laridae	X	X		High	N/A	N/A							Marsh		5	0
1	1	Black tern	Laridae	X	X		Moderate	Moderate	High	ME, NY (E)						Shorebird		3.54	0
1	1	Black-bellied plover	Charadriidae	X	X		High	High	High							Marshbird (fresh)		8.45	8.89
1	1	Belted tern	Sternidae	X	X		High	High	High							Shorebird		5.19	0
1	1	Buff-breasted sandpiper	Scolopacidae	X	X		High	High	High							Marine		8.7	9.33
1	1	Burhead	Anatidae	X	X		High	High	High							Waterfowl		5.38	0
1	1	Canada goose - Atl. Pop	Anatidae	X	X		High	High	High							Waterfowl		8.6	8.58
1	1	Canvasback	Anatidae	X	X		High	High	High							Waterfowl		0.59	0
1	1	Clapper rail	Rallidae	X	X		High	Moderate	N/A	RI (SC)						Marsh	X	0.64	0
1	1	Dunlin	Scolopacidae	X	X		High	N/A	N/A							Shorebird		4.63	0
1	1	Forster's tern	Laridae	X	X		Moderate	N/A	N/A							Shorebird		5.05	0
1	1	Golden-winged warbler	Parulidae	X	X		N/A	N/A	N/A	MA (E)						Terrestrial		N/A	N/A
1	1	Great cormorant	Phalacrocoracidae	X	X		N/A	High	High	ME (E)						Marine		8.53	9.42
1	1	Greater scaup	Anatidae	X	X		High	High	High	ME (SC)						Marine		8.56	9.08
1	1	Greater yellowlegs	Scolopacidae	X	X		Moderate	Moderate	N/A							Shorebird		8.11	0
1	1	Harlequin duck	Anatidae	X	X		N/A	N/A	N/A	ME (E); RI (SC)						Marine		5.68	8.11
1	1	Henslow's sparrow	Emberizidae	X	X		N/A	N/A	N/A	MA (E); NY (T)						Terrestrial		N/A	N/A
1	1	Hudsonian godwit	Scolopacidae	X	X		N/A	N/A	N/A	CT (E); MA, NY (T); RI (SC)						Shorebird		5.76	0
1	1	King rail	Rallidae	X	X		High	High	N/A							Marshbird (fresh)		4.63	0
1	1	Marbled godwit	Scolopacidae	X	X		High	High	N/A							Shorebird		5.19	0
1	1	Marsh wren	Troglodytidae	X	X		Moderate	Moderate	N/A	RI (SC)						Marsh		N/A	N/A
1	1	Pied-billed grebe	Podicipedidae	X	X		N/A	N/A	N/A							Waterfowl		1.1	0
1	1	Piping plover	Charadriidae	T	X		High	High	High	ME, NH, NY (E); MA, RI, CT (T)						Shorebird		4.33	0
1	1	Purple sandpiper	Scolopacidae	X	X		N/A	High	High	ME (SC)						Shorebird		5.38	0
1	1	Red knot	Scolopacidae	X	X	SC	High	High	High							Shorebird		3.98	0
1	1	Ruddy turnstone	Scolopacidae	X	X		High	High	High	ME, NH, CT (SC)						Shorebird		5.38	0
1	1	Saltmarsh (Sharp-tailed) sparrow	Emberizidae	X	X		High	High	Moderate							Marsh	X	N/A	N/A
1	1	Sanderling	Troglodytidae	X	X		High	High	N/A	ME, NH, MA, CT (E); NY (T)						Shorebird		5.38	0
1	1	Sedge wren	Troglodytidae	X	X		Moderate	Moderate	High	ME (SC)						Marsh		N/A	N/A
1	1	Semipalmated sandpiper	Scolopacidae	X	X		High	High	High							Shorebird		5.38	0
1	1	Semipalmated dowitcher	Scolopacidae	X	X		High	High	High							Shorebird		5.38	0
1	1	Short-eared owl	Strigidae	X	X		N/A	N/A	N/A	ME, MA, NY (E); CT (T)						Coastal		N/A	N/A
1	1	Tundra swan - eastern	Anatidae	X	X		N/A	N/A	N/A							Waterfowl		1.6	0

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				ESA	MBTA	FWS BCR-31 (Florida) Priority	FWS SAMBI BCR-27 (Southeast) Priority	FWS BCR-14 (Gulf of Maine) Priority	FWS BCR30 (New England/Mid-Atlantic) Priority	State E, T, SC	State Ocean Plans	Total	Spring	Summer	Fall	Winter	"Habitat" species	SHARP species
1		Upland sandpiper	Scolopacidae	X		High	High	High	Moderate	MA (E)							5.53	0
1		Whimbrel	Scolopacidae	X		High	High	High	Highest	ME (S)							5.38	0
1		White-rumped sandpiper	Scolopacidae	X		N/A	N/A	N/A	High								5.19	0
1		Willet	Scolopacidae	X		N/A	High	Moderate	High	NH, RI (SC)							5.68	0
1		Wilson's plover	Charadriidae	X		Highest	N/A	N/A	High								5.53	0
1		Bonaparte's gull	Laridae	X		Moderate	Moderate	High	Moderate	ME (SC)							2.06	6.37
1		Red phalarope	Scolopacidae	X		Moderate	High	High	Moderate								9.69	8.24
1		Royal tern	Stercorariidae	X		Moderate	Moderate	High	Moderate								5.01	0
1		Manx shearwater	Procellariidae	X		Moderate	Moderate	High	Moderate								8.22	8.66
1		Red-necked phalarope	Scolopacidae	X					Moderate	ME (SC)							9.25	7.57
1		Red-breasted merganser	Anatidae	X					Moderate								8.14	7.82
1		Common murre	Alcidae	X					Moderate	ME (SC)							6.77	8.88
1		Black guillemot	Alcidae	X					Moderate								7.23	9.86
		Northern pintail	Anatidae	X					Moderate								0.49	0
		Hooded merganser	Anatidae	X					Moderate	RI (SC)							1.31	0
		Ipswich savannah sparrow	Emberizidae	X					Moderate	CT (SC)							1.85	0
		Northern parula	Parulidae	X						MA (T)							2.67	0
		Blackpoll warbler	Parulidae	X						MA (SC)							2.8	0
		Osprey	Pandionidae	X						NH, RI, NY (SC)							3.37	0
		Caspian tern	Laridae	X													4.46	0
		Gull-billed tern	Laridae	X													4.59	0
		Least sandpiper	Scolopacidae	X					Moderate								5.13	0
		American avocet	Recurvirostridae	X					Moderate								5.19	0
		Semipalmated plover	Charadriidae	X					Moderate								5.19	0
		Western sandpiper	Scolopacidae	X					Moderate								5.19	0
		Lesser yellowlegs	Scolopacidae	X					Moderate	ME (SC)							5.68	0
		Ruddy duck	Anatidae	X					Moderate								1.41	6.14
		Common goldeneye	Anatidae	X					Moderate								0.93	6.16
		Little gull	Laridae	X					Moderate								2.46	6.35
		Common snipe	Scolopacidae	X					Moderate								N/A	N/A
		Grasshopper sparrow	Emberizidae	X					Moderate	MA (T)							N/A	N/A
		Nelson's sparrow	Emberizidae	X					Moderate	ME NH (SC); NH RI CT NY (SC)							N/A	N/A
		Seaside sparrow	Emberizidae	X					Moderate	MA (SC)							N/A	N/A
		Mourning warbler	Parulidae	X													N/A	N/A
		Thayer's gull	Laridae	X													N/A	N/A
		Vesper sparrow	Emberizidae	X						MA (T)							N/A	N/A