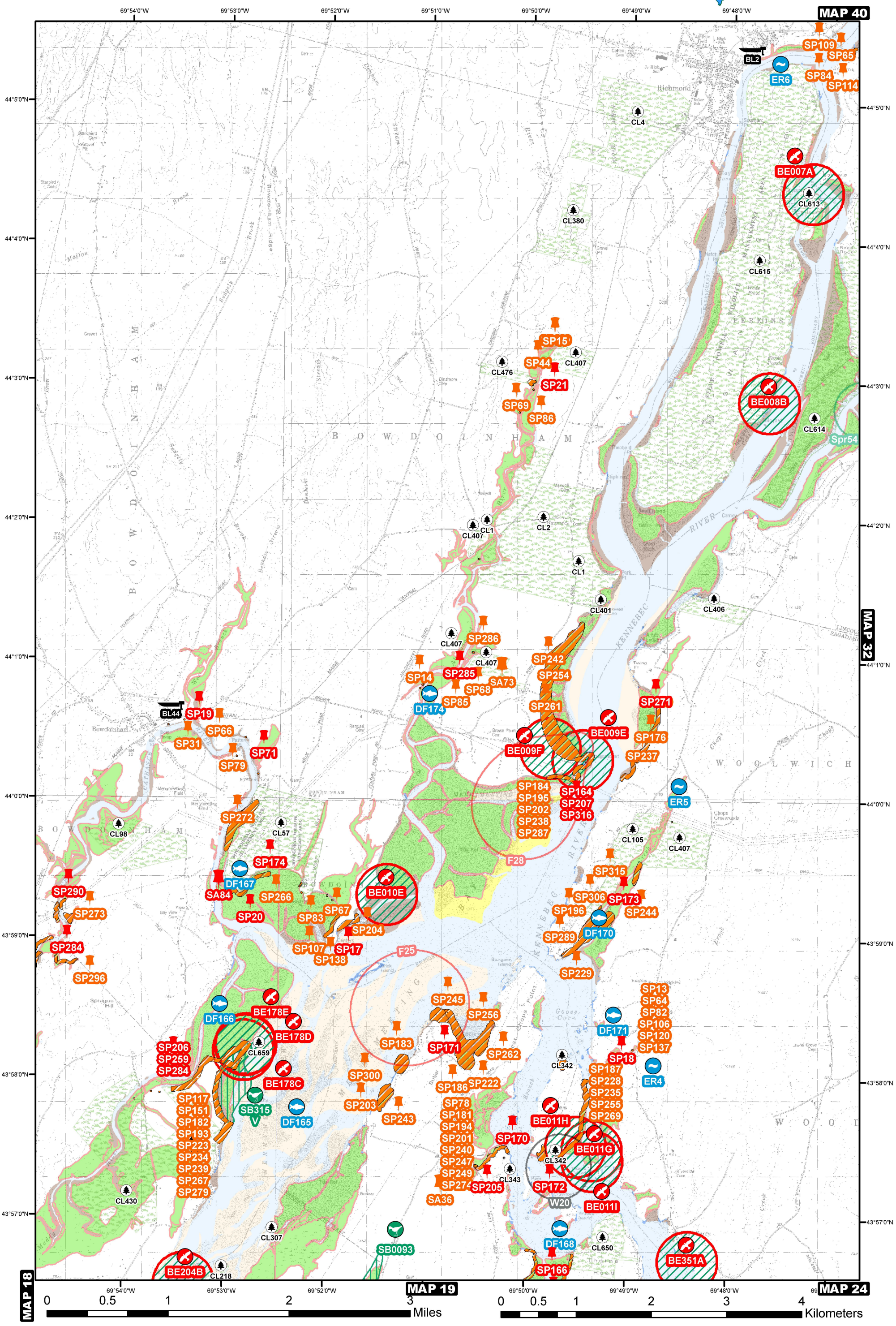
MAP 20

MAINE ENVIRONMENTAL VULNERABILITY INDEX

Version 2

These maps are intended to provide information solely for marine oil spill contingency planning.
Not all resources in any specific area will be shown. Contact agencies directly for more information.
1:45,000



ENVIRONMENTAL SENSITIVITY MAP - 20

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: B-29-1

THREATENED AND ENDANGERED SPECIES / SPECIES OF SPECIAL CONCERN

BALD EAGLE ESSENTIAL HABITAT (BE)

HARLEQUIN DUCK WINTERING HABITAT (HD)

PIPING PLOVER / LEAST TERN ESSENTIAL HABITAT (PPLT)

ROSEATE TERN ESSENTIAL HABITAT (RT)

Other T or E Species
SA: Sensitive Animal
SP: Sensitive Plant

Other SSC
SA = Sensitive Animal
SP = Sensitive Plant

BIRDS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT C= COMMON U=UNCOMMON J F M	A M J	J A S	O N D	SPRING MIGRATION	NESTING	FALL MIGRATION	WINTERING	MOLTING
BE007A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE008B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE009E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE009F	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE010E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE011G	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE011H	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE011I	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE178C	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE178D	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE178E	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE204B	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	
BE351A	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C C C	C C C	C C C	C C C		Feb.- Sep.		Oct.- Jan.	

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SA36	Redfin Pickerel	*Esox americanus*	SC	
SA73	Ribbon Snake	*Thamnophis sauritus*	SC	
SA84	Tidewater Mucket	*Leptodea ochracea*	T	
SP106	Mudwort	*Limosella australis*	SC	
SP107	Mudwort	*Limosella australis*	SC	
SP109	Mudwort	*Limosella australis*	SC	
SP114	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP117	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP119	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP120	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP13	Pygmyweed	*Crassula aquatica*	SC	
SP137	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP138	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP14	Pygmyweed	*Crassula aquatica*	SC	
SP15	Pygmyweed	*Crassula aquatica*	SC	
SP151	Tidal Spikerush	*Eleocharis aestuum*	SC	
SP164	Eaton's Bur-marigold	*Bidens eatonii*	T	
SP166	Lilaeopsis	*Lilaeopsis chinensis*	T	
SP169	Eaton's Bur-marigold	*Bidens eatonii*	T	
SP17	Long's Bitter-cress	*Cardamine longii*	T	
SP170	Eaton's Bur-marigold	*Bidens eatonii*	T	
SP171	Eaton's Bur-marigold	*Bidens eatonii*	T	
SP172	Eaton's Bur-marigold	*Bidens eatonii*	T	
SP173	Eaton's Bur-marigold	*Bidens eatonii*	T	
SP174	Eaton's Bur-marigold	*Bidens eatonii*	T	
SP176	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP177	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP18	Long's Bitter-cress	*Cardamine longii*	T	
SP181	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP182	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP183	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP184	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP185	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP186	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP187	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP19	Long's Bitter-cress	*Cardamine longii*	T	
SP193	Pygmyweed	*Crassula aquatica*	SC	
SP194	Pygmyweed	*Crassula aquatica*	SC	
SP195	Pygmyweed	*Crassula aquatica*	SC	
SP196	Pygmyweed	*Crassula aquatica*	SC	
SP197	Long's Bitter-cress	*Cardamine longii*	T	
SP20	Long's Bitter-cress	*Cardamine longii*	T	
SP200	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP201	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP202	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP203	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP204	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP205	Long's Bitter-cress	*Cardamine longii*	T	
SP206	Long's Bitter-cress	*Cardamine longii*	T	
SP207	Long's Bitter-cress	*Cardamine longii*	T	
SP21	Long's Bitter-cress	*Cardamine longii*	T	
SP220	Mudwort	*Limosella australis*	SC	
SP222	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP223	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP225	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP228	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP229	Water Pimpernel	*Samolus valerandi ssp. parviflorus*	SC	
SP230	Mudwort	*Limosella australis*	SC	
SP234	Mudwort	*Limosella australis*	SC	
SP235	Mudwort	*Limosella australis*	SC	
SP237	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP238	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP239	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP240	Mudwort	*Limosella australis*	SC	
SP242	Mudwort	*Limosella australis*	SC	
SP243	Mudwort	*Limosella australis*	SC	
SP244	Mudwort	*Limosella australis*	SC	
SP245	Mudwort	*Limosella australis*	SC	
SP246	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP247	Estuary Monkeyflower	*Mimulus ringens var. colpophilus*	SC	
SP249	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP251	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP254	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP255	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP256	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP257	Stiff Arrow-head	*Sagittaria rigida*	T	
SP259	Dwarf Bulrush	*Lipocarpha micrantha*	T	
SP260	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP261	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP262	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP266	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP267	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP269	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP271	Stiff Arrow-head	*Sagittaria rigida*	T	
SP272	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP273	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP274	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP277	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP279	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP284	Eaton's Bur-marigold	*Bidens eatonii*	T	

ENVIRONMENTAL SENSITIVITY MAP - 20

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: B-29-1

SENSITIVE PLANTS / RARE ANIMALS

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED
SP285	Eaton's Bur-marigold	*Bidens eatonii*	T	
SP286	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP287	Horned Pondweed	*Zannichellia palustris*	SC	
SP289	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP290	Long's Bitter-cress	*Cardamine longii*	T	
SP296	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP300	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP303	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP304	Pygmyweed	*Crassula aquatica*	SC	
SP305	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP306	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP31	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP315	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP316	Stiff Arrow-head	*Sagittaria rigida*	T	
SP44	Estuary Bur-marigold	*Bidens hyperborea*	SC	
SP64	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP65	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP66	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP67	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP68	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP69	Spongy Arrow-head	*Sagittaria calycina var. spongiosa*	SC	
SP71	Stiff Arrow-head	*Sagittaria rigida*	T	
SP78	Marsh Bulrush	*Bolboschoenus x novae-angliae*	SC	
SP79	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP82	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP83	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP84	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP85	Parker's Pipewort	*Eriocaulon parkeri*	SC	
SP86	Parker's Pipewort	*Eriocaulon parkeri*	SC	

MARINE SPECIES / ATLANTIC SALMON (where endangered)

MONTHS PRESENT — C=COMMON U=UNCOMMON R=RARE X=PRESENT

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	EGGS	LARVAE	JUVENILES	ADULT
SA36	Redfin Pickerel	*Esox americanus*	SC		U	U	U	U	U	U	U	U	U	U	U	U	Mar.- May	Apr.- May		May - Jul.	
SA84	Tidewater Mucket	*Leptodea ochracea*	T		U	U	U	U	U	U	U	U	U	U	U	U	Jul.- Sep.		Sep.- Aug.		

SHOREBIRDS (SB)

SHOREBIRD SITES ON THIS MAP INCLUDE ONE OR MORE OBSERVATIONS OF THE FOLLOWING SPECIES

MONTHS PRESENT — C= COMMON U=UNCOMMON

COMMON NAME	SCIENTIFIC NAME	ST	FED	J	F	M	A	M	J	J	A	S	O	N	D	SPRING MIGRATION	NESTING	FALL MIGRATION	WINTERING	MOLTING
Unidentified Yellowlegs	*Tringa spp.*						C	C	U	U	C	C	C	U		Apr.- Jun.		Jul.- Nov.		
White-rumped Sandpiper	*Calidris fuscicollis*									U	U	U	U					Jul.- Oct.		
Spotted Sandpiper	*Actitis macularia*						U	C	C	C	C	C	U					Jul.- Oct.		
Semipalmated Sandpiper	*Calidris pusilla*							C	C	C	C	C	U			May - Jun.		Jul.- Oct.		
Semipalmated Plover	*Charadrius semipalmatus*							C	C	C	C	C	U			May - Jun.		Jul.- Oct.		
Unidentified Sandpiper	*Calidris spp.*						U	C	C	C	C	C	U	U		May - Jun.		Jul.- Oct.		
Lesser Yellowlegs	*Tringa flavipes*							U		C	C	C	U			May		Jul.- Oct.		
Least Sandpiper	*Calidris minutilla*							C	U	C	C	C	U			May - Jun.		Jul.- Oct.		
Killdeer	*Charadrius vociferus*					U	C	C	C	C	C	C	C	U		Mar.- Apr.	Apr.- Aug.	Sep.- Nov.		
Greater Yellowlegs	*Tringa melanoleuca*						C	C	U	U	C	C	C	U		Apr.- Jun.		Jul.- Nov.		

RAFTING BIRDS

Winter (W) Spring (Spr) Summer (Su) Fall (F)

MONTHS PRESENT — C= COMMON U=UNCOMMON

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	J	F	M	A	M	J	J	A	S	O	N	D	SPRING MIGRATION	NESTING	FALL MIGRATION	WINTERING	MOLTING
F25	Unidentified Scaup	*Aythya spp.*			C	C	C	U	U				U	C	C	C	Feb.- May		Sep.- Dec.	Dec.- Feb.	
	Mallard	*Anas platyrhynchos*			U	U	C	C	C	C	C	C	C	C	C	C	Mar.- Apr.	Apr.- Jul.	Oct.- Dec.	Sep.- Mar.	Jun.- Jul.
	Bald Eagle	*Haliaeetus leucocephalus*	T	T	C	C	C	C	C	C	C	C	C	C	C	C		Feb.- Sep.		Oct.- Jan.	
	Am. Green-winged Teal	*Anas crecca*					U	C	C	C	C	C	C	C	U		Mar.- Apr.	Apr.- Jul.	Oct.- Nov.		Jun.- Jul.
	American Black Duck	*Anas rubripes*			C	C	C	C	C	C	C	C	C	C	C	C	Feb.- Apr.	Apr.- Jul.	Oct.- Dec.	Sep.- Mar.	Jun.- Jul.
F28	Mallard	*Anas platyrhynchos*			U	U	C	C	C	C	C	C	C	C	C	C	Mar.- Apr.	Apr.- Jul.	Oct.- Dec.	Sep.- Mar.	Jun.- Jul.
	Am. Green-winged Teal	*Anas crecca*					U	C	C	C	C	C	C	C	U		Mar.- Apr.	Apr.- Jul.	Oct.- Nov.		Jun.- Jul.
	American Black Duck	*Anas rubripes*			C	C	C	C	C	C	C	C	C	C	C	C	Feb.- Apr.	Apr.- Jul.	Oct.- Dec.	Sep.- Mar.	Jun.- Jul.
Spr54	Mallard	*Anas platyrhynchos*			U	U	C	C	C	C	C	C	C	C	C	C	Mar.- Apr.	Apr.- Jul.	Oct.- Dec.	Sep.- Mar.	Jun.- Jul.
	Am. Green-winged Teal	*Anas crecca*					U	C	C	C	C	C	C	C	U		Mar.- Apr.	Apr.- Jul.	Oct.- Nov.		Jun.- Jul.
	American Black Duck	*Anas rubripes*			C	C	C	C	C	C	C	C	C	C	C	C	Feb.- Apr.	Apr.- Jul.	Oct.- Dec.	Sep.- Mar.	Jun.- Jul.
W20	Unidentified Merganser	*Mergus spp.*			C	C	C	C	C	C	C	C	C	C	C	C	Mar.- Apr.	Apr.- Jul.	Nov.- Dec.	Dec.- Feb.	Jul.- Aug.

FISH: DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

MONTHS PRESENT — FW=FRESHWATER R=RARE

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	LARVAE	JUVENILE	ADULT
DF165	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	alewife	*Alosa pseudoharengus*			R	R	R	x	x	x	x	x	x	x	R	R	FW	FW	Jan-Dec	Apr.-Oct.
	trout brown	*Salmo trutta*												x	x	x	FW	FW	FW	Oct.-Feb.
	smelt rainbow	*Osmerus mordax*			x	x	x	x	x	x	x	x	x	x	x	x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	bass striped	*Morone saxatilis*							R	x	x	x	x	x	R		FW	FW	May-Nov	May-Nov.
DF166	salmon atlantic	*Salmo salar*						R	x	x	x	x	x	x	R		FW	FW	Apr-Jul	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x	x	x	x							x	x	FW	FW	FW	May-Sep.
	smelt rainbow	*Osmerus mordax*			x	x	x	x	x	x	x	x	x	x	x	x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	sturgeon shortnose	*Acipenser brevirostrum*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Jan-Dec	Jan.-Dec.
	sturgeon atlantic	*Acipenser oxyrinchus*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Apr-Nov	Apr.-Nov.
	alewife	*Alosa pseudoharengus*			R	R	R	x	x	x	x	x	x	x	R	R	FW	FW	Jan-Dec	Apr.-Oct.
	blueback herring	*Alosa aestivalis*						x	x	x	x	x	x	x	x		FW	FW	Apr-Nov	Apr.-Nov.
	shad american	*Alosa sapidissima*					R	R	x	x	x	x	x	x	R	x	FW	FW	May-Oct	May-Sep.
	bass striped	*Morone saxatilis*							R	x	x	x	x	x	R		FW	FW	May-Nov	May-Nov.
DF167	salmon atlantic	*Salmo salar*						R	x	x	x	x	x	x	R		FW	FW	Apr-Jul	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x	x	x	x							x	x	FW	FW	FW	May-Sep.
	smelt rainbow	*Osmerus mordax*			x	x	x	x	x	x	x	x	x	x	x	x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	sturgeon shortnose	*Acipenser brevirostrum*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Jan-Dec	Jan.-Dec.
	sturgeon atlantic	*Acipenser oxyrinchus*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Apr-Nov	Apr.-Nov.
	alewife	*Alosa pseudoharengus*			R	R	R	x	x	x	x	x	x	x	R	R	FW	FW	Jan-Dec	Apr.-Oct.
	blueback herring	*Alosa aestivalis*						x	x	x	x	x	x	x	x		FW	FW	Apr-Nov	Apr.-Nov.
	shad american	*Alosa sapidissima*					R	R	x	x	x	x	x	x	R	x	FW	FW	May-Oct	May-Sep.
DF168	salmon atlantic	*Salmo salar*						R	x	x	x	x	x	x	R		FW	FW	Apr-Jul	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x	x	x	x							x	x	FW	FW	FW	May-Sep.
	smelt rainbow	*Osmerus mordax*			x	x	x	x	x	x	x	x	x	x	x	x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	sturgeon shortnose	*Acipenser brevirostrum*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Jan-Dec	Jan.-Dec.
	sturgeon atlantic	*Acipenser oxyrinchus*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Apr-Nov	Apr.-Nov.
	alewife	*Alosa pseudoharengus*			R	R	R	x	x	x	x	x	x	x	R	R	FW	FW	Jan-Dec	Apr.-Oct.
	blueback herring	*Alosa aestivalis*						x	x	x	x	x	x	x	x		FW	FW	Apr-Nov	Apr.-Nov.
	shad american	*Alosa sapidissima*					R	R	x	x	x	x	x	x	R	x	FW	FW	May-Oct	May-Sep.

ENVIRONMENTAL SENSITIVITY MAP - 20

GEOGRAPHIC RESPONSE PLANS (BOOMING STRATEGIES) FOR THIS MAP AREA: B-29-1

FISH: DIADROMOUS FISH (DF) ELVER RUNS (ER) HERRING SPAWNING AREAS (HS)

EVI NO	COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT J	F	M	A	M	J	J	A	S	O	N	D	SPAWNING	LARVAE	JUVENILE	ADULT
																		FW=FRESHWATER	R=RARE	
DF170	smelt rainbow	*Osmerus mordax*			x	x	x	x	x	x	x	x	x	x	x	x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
DF171	salmon atlantic	*Salmo salar*						R	x	x	x	x	x	x	R		FW	FW	Apr-Jul	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x	x	x	x							x	x	FW	FW	FW	May-Sep.
	smelt rainbow	*Osmerus mordax*			x	x	x	x	x	x	x	x	x	x	x	x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	sturgeon shortnose	*Acipenser brevirostrum*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Jan-Dec	Jan.-Dec.
	sturgeon atlantic	*Acipenser oxyrinchus*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Apr-Nov	Apr.-Nov.
	alewife	*Alosa pseudoharengus*			R	R	R	x	x	x	x	x	x	x	R	R	FW	FW	Jan-Dec	Apr.-Oct.
	blueback herring	*Alosa aestivalis*						x	x	x	x	x	x	x	x		FW	FW	Apr-Nov	Apr.-Nov.
	shad american	*Alosa sapidissima*					R	R	x	x	x	x	x	x	R	x	FW	FW	May-Oct	May-Sep.
DF174	salmon atlantic	*Salmo salar*						R	x	x	x	x	x	x	R		FW	FW	Apr-Jul	Apr.-Oct.
	trout brook	*Salvelinus fontinalis*			x	x	x	x							x	x	FW	FW	FW	May-Sep.
	smelt rainbow	*Osmerus mordax*			x	x	x	x	x	x	x	x	x	x	x	x	Mar.-Jun.	May-Sept.	Jan-Dec	Jan.-Dec.
	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
	sturgeon shortnose	*Acipenser brevirostrum*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Jan-Dec	Jan.-Dec.
	sturgeon atlantic	*Acipenser oxyrinchus*			x	x	x	x	x	x	x	x	x	x	x	x	FW	FW	Apr-Nov	Apr.-Nov.
	alewife	*Alosa pseudoharengus*			R	R	R	x	x	x	x	x	x	x	R	R	FW	FW	Jan-Dec	Apr.-Oct.
	blueback herring	*Alosa aestivalis*						x	x	x	x	x	x	x	x		FW	FW	Apr-Nov	Apr.-Nov.
	shad american	*Alosa sapidissima*					R	R	x	x	x	x	x	x	R	x	FW	FW	May-Oct	May-Sep.
	bass striped	*Morone saxatilis*							R	x	x	x	x	x	R		FW	FW	May-Nov	May-Nov.
ER4	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER5	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.
ER6	eel american	*Anguilla rostrata*			x	x	x	x	x	x	x	x	x	x	x	x	N/A	Apr.-Jun.	Jan-Dec	Aug.-Nov.

HABITATS: SEAL HAUL-OUTS EELGRASS BEDS MARINE WORM HABITAT

COUNTS COMBINE HARBOR AND GRAY SEAL

COMMON NAME	SCIENTIFIC NAME	ST	FED	MONTHS PRESENT C= COMMON U=UNCOMMON J	F	M	A	M	J	J	A	S	O	N	D	MOLTING	PUPPING
Harbor Seal	*Phoca vitulina*			C	C	C	C	C	C	C	C	C	C	C	C	Aug.	Apr.- Jun.
Gray Seal	*Halichoerus grypus*			C	C	C	C	C	C	C	C	C	C	C	C		Jan.- Feb.

CONSERVATION LANDS (CL)

EVI NO	NAME
CL1	UNIDENTIFIED
CL105	CHOPPS CREEK
CL2	ABAGADASSET RIVER
CL218	FREYEE ISLAND, NORTH
CL254	GREEN POINT WMA
CL307	ISLAND
CL342	LINES
CL343	LINES - RoW
CL380	LOWER KENNEBEC ESTUARY
CL4	ALICE WHEELER FARM
CL401	MAXWELL ISLAND
CL405	MERRYMEETING BAY
CL406	MERRYMEETING BAY EAST
CL407	MERRYMEETING BAY WMA
CL430	MUDDY RIVER WMA
CL476	PIERCE
CL57	BOWDOINHAM WMA
CL613	STEVE POWELL WMA, LITTLE SWAN ISLAND
CL614	STEVE POWELL WMA, MIDDLE GROUND
CL615	STEVE POWELL WMA, SWAN ISLAND
CL650	THORNE HEAD
CL659	TRAFTON
CL98	CATHANCE RIVER

BOAT LAUNCHES (BL) (state sponsored or assisted)

EVI NO	OWNER	TYPE	RIG PARKING	FLOATS	TIDE	TOILET
BL2	RICHMOND	TR	10	Y	ALL	N
BL44	BOWDOINHAM	TR	6	Y	ALL	N

MARINE GEOLOGY LAYERS

Ranked most to least vulnerable

- Marshes (1)
- Mud Flats, Sheltered (2)
- Coarse Flats & Bars, Exposed (3)
- Coarse Beaches & Riprap (4)
- Mixed & Low Energy Beaches (5)
- Sand Beaches (6)
- Rocky Shores (7)
- Sand Dunes (8)
- Coastal Barrier Resources System Area