

APPENDIX II

SUMMARY OF MARINE ESSENTIAL FISH HABITAT DESIGNATIONS

A guide to Essential Fish Habitat (EFH) designations in the Massachusetts and New Hampshire areas is available at the Northeast Regional Office of the National Oceanic and Atmospheric Administration website at <http://www.nero.noaa.gov/hcd/webintro.html>. The guide provides a quick method of ascertaining what species and lifestages have EFH in a given geographic area. The information is presented as tabular summaries for selected 10' x 10' squares of latitude and longitude.

The following is a list of the EFH species and applicable life stages for the area that includes Massachusetts, New Hampshire and the adjacent marine waters.

Species	Eggs	Larvae	Juveniles	Adults
Atlantic salmon (<i>Salmo salar</i>)			X	X
Atlantic cod (<i>Gadus morhua</i>)	X	X	X	X
Haddock (<i>Melanogrammus aeglefinus</i>)			X	X
pollock (<i>Pollachius virens</i>)				
whiting (<i>Merluccius bilinearis</i>)	X	X	X	X
offshore hake (<i>Merluccius albidus</i>)				
red hake (<i>Urophycis chuss</i>)	X	X	X	X
white hake (<i>Urophycis tenuis</i>)				
redfish (<i>Sebastes fasciatus</i>)	n/a	X	X	X
witch flounder (<i>Glyptocephalus cynoglossus</i>)				
winter flounder (<i>Pleuronectes americanus</i>)	X	X	X	X
yellowtail flounder (<i>Pleuronectes ferruginea</i>)				X
windowpane flounder (<i>Scophthalmus aquosus</i>)				X

American plaice (<i>Hippoglossoides platessoides</i>)				X
ocean pout (<i>Macrozoarces americanus</i>)	X	X	X	X
Atlantic halibut (<i>Hippoglossus hippoglossus</i>)	X	X	X	X
Atlantic sea scallop (<i>Placopecten magellanicus</i>)	X	X	X	X
Atlantic sea herring (<i>Clupea harengus</i>)			X	X
monkfish (<i>Lophius americanus</i>)	X	X		X
bluefish (<i>Pomatomus saltatrix</i>)				X
long finned squid (<i>Loligo pealei</i>)	n/a	n/a	X	X
short finned squid (<i>Illex illecebrosus</i>)	n/a	n/a	X	X
Atlantic butterfish (<i>Peprilus triacanthus</i>)	X	X	X	X
Atlantic mackerel (<i>Scomber scombrus</i>)	X	X	X	X
summer flounder (<i>Paralichthys dentatus</i>)	X	X	X	X
scup (<i>Stenotomus chrysops</i>)	n/a	n/a	X	X
black sea bass (<i>Centropristus striata</i>)	n/a	X	X	X
surf clam (<i>Spisula solidissima</i>)	n/a	n/a	X	X
ocean quahog (<i>Arctica islandica</i>)	n/a	n/a		
spiny dogfish (<i>Squalus acanthias</i>)	n/a	n/a	X	X
tilefish (<i>Lopholatilus chamaeleonticeps</i>)				
king mackerel (<i>Scomberomorus cavalla</i>)	X	X	X	X

Spanish mackerel (<i>Scomberomorus maculatus</i>)	X	X	X	X
cobia (<i>Rachycentron canadum</i>)	X	X	X	X
sand tiger shark (<i>Odontaspis taurus</i>)		X		
blue shark (<i>Prionace glauca</i>)		X		X
dusky shark (<i>Charcharinus obscurus</i>)			X	
shortfin mako shark (<i>Isurus oxyrinchus</i>)			X	
sandbar shark (<i>Charcharinus plumbeus</i>)			X	X
bluefin tuna (<i>Thunnus thynnus</i>)				X

Source: NOAA Fisheries Service <http://www.nero.noaa.gov>