



United States Department of the Interior



FISH AND WILDLIFE SERVICE

176 Croghan Spur Road, Suite 200
Charleston, South Carolina 29407

September 14, 2016

Mr. Randall Thompson
Environmental Engineer
South Carolina Department of
Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Re: Proposed DONMAR Sand Mine
Berkeley County, South Carolina
FWS Log No. 2016-TA-0574

Dear Mr. Thompson:

The U.S. Fish and Wildlife Service (Service) has reviewed the September 6, 2016, email from F.H. Milligan Design, L.L.C. in response to the Service's recommendation to survey the proposed DONMAR sand mine for American chaffseed (*Schwalbea americana*) and pondberry (*Lindera melissifolia*) in our August 18, 2016, letter. Mr. Freeman H. Milligan and Mr. John Mazzarella conducted the DONMAR sand mine survey on September 3, 2016. They did not find any American chaffseed and/or pondberry. As such, the Service does not have any objections with this project as proposed. At this time, no further consultation is necessary.


Included with this correspondence is a list of species that have been petitioned for listing under the ESA, as well as Candidate Species. These species are collectively referred to as "At-Risk Species" (ARS). We have included a list of the ARS that may occur in Berkeley County, South Carolina. Although there are no Federal protections afforded to ARS, please consider including them in your project efforts. Incorporating proactive measures to avoid or minimize harm to ARS may improve their status and assist with precluding the need to list these species. Additional information on ARS can be found at:

<http://www.fws.gov/southeast/candidateconservation>

The Service recommends that you contact the South Carolina Department of Natural Resources, regarding potential impacts to State protected species. If the proposed project will impact streams or wetlands, you should contact the U.S. Army Corps of Engineers, Charleston District

If you have further questions or require additional information regarding this letter, please contact Ms. April Punsalan at (843) 727-4707 ext. 218, and reference FWS Log No. 2016-TA-0574.

Sincerely,


For Thomas D. McCoy
Field Supervisor

TDM/APP

ec:

Mr. F. H. Milligan, F. H. Milligan Design, LLC, Mt. Pleasant, SC

South Carolina List of At-Risk, Candidate, Endangered, and Threatened Species - Berkeley County

CATEGORY	COMMON NAME/STATUS	SCIENTIFIC NAME	SURVEY WINDOW/ TIME PERIOD	COMMENTS
Amphibian	Frosted flatwoods salamander (T, CH)	<i>Ambystoma cingulatum</i>	January 1-April 30	Larvae present in breeding ponds
	Gopher frog (ARS)	<i>Lithobates capito</i>	Breeding: October-March	Call survey: February-April
Bird	American wood stork (T)	<i>Mycteria americana</i>	February 15-September 1	Nesting season
	Bald eagle (BGEPA)	<i>Haliaeetus leucocephalus</i>	October 1-May 15	Nesting season
	MacGillivray's seaside sparrow (ARS)	<i>Ammodramus maritimus macgillivrayi</i>	May-June	
	Red-cockaded woodpecker (E)	<i>Picoides borealis</i>	April 1-July 31	Nesting season
Crustacean	None Found			
Fish	American eel (ARS)	<i>Anguilla rostrata</i>	March 1-May 30; October 1-December 15	Temperature dependent: normally (17-20°C); can be found between 13-25°C
	Atlantic sturgeon* (E)	<i>Acipenser oxyrinchus*</i>	February 1-April 30	Spawning migration
	Blueback herring (ARS)	<i>Alosa aestivalis</i>	Mid-January-mid May	Peak: March-April
	Shortnose sturgeon* (E)	<i>Acipenser brevirostrum*</i>	February 1-April 30	Spawning migration
Insect	None Found			
Mammal	Rafinesque's big-eared bat (ARS)	<i>Corynorhinus rafinesquii</i>	Year round	Found in mines, caves, large hollow trees, buildings, and bat towers
	Tri-colored bat (ARS*)	<i>Perimyotis subflavus</i>	Year round	Found in mines and caves in the winter
	West Indian manatee (E)	<i>Trichechus manatus</i>	May 15-October 15	In coastal waters
Mollusk	None Found			
Plant	American chaffseed (E)	<i>Schwalbea americana</i>	May-August	1-2 months after a fire
	Boykin's lobelia (ARS)	<i>Lobelia boykinii</i>	May-July/August	
	Bog asphodel (ARS*)	<i>Narthecium americanum</i>	June-July	
	Canby's dropwort (E)	<i>Oxypolis canbyi</i>	Mid-July-September	
	Carolina-birds-in-a-nest (ARS)	<i>Macbridea caroliniana</i>	July-November	
	Carolina bishopweed (ARS)	<i>Ptilimnium ahlesii</i>	May-July	
	Ciliate-leaf tickseed (ARS)	<i>Coreopsis integrifolia</i>	August-November	
	Pondberry (E)	<i>Lindera melissifolia</i>	February-March	
	Raven's seedbox (ARS)	<i>Ludwigia ravenii</i>	June-October	
	Sun-facing coneflower (ARS)	<i>Rudbeckia heliopsidis</i>	July-September	
Reptile	Eastern diamondback rattlesnake (ARS)	<i>Crotalus adamanteus</i>	Most of the year	Peak: April-November
	Southern hognose snake (ARS)	<i>Heterodon simus</i>	Most of the year	
	Spotted turtle (ARS)	<i>Clemmys guttata</i>	February-mid April	

