

20 Appendix I – Species Conclusion Table

Project Manager:	Project Name:
Date:	Project Number:

Project Description:

Species Under the Jurisdiction of FWS:

Species/Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Species Info / Habitat Description	Notes / Determination
James Spiny mussel (Pleurobema collina)			<p>“This freshwater mussel is found in the upper James and Dan River basins. The species has declined rapidly during the past two decades and now exists only in small, headwater tributaries of the upper James River basin in Virginia and West Virginia. In 2000, it was discovered in the Dan River basin in North Carolina and Virginia.” “Suitable habitat for this species includes free-flowing streams with a variety of flow regimes. The James spiny mussel is found in a variety of substrates that are free from silt.”</p>	

Northern long-eared bat (Myotis septentrionalis)			<p>"Northern long-eared bats spend winter hibernating in caves and mines, called hibernacula. They typically use large caves or mines with large passages and entrances; constant temperatures; and high humidity with no air currents. Specific areas where they hibernate have very high humidity, so much so that droplets of water are often seen on their fur. Within hibernacula, surveyors find them in small crevices or cracks, often with only the nose and ears visible.</p> <p>During summer, northern long-eared bats roost singly or in colonies underneath bark, in cavities, or in crevices of both live and dead trees. Males and non-reproductive females may also roost in cooler places, like caves and mines. This bat seems opportunistic in selecting roosts, using tree species based on suitability to retain bark or provide cavities or crevices. It has also been found, rarely, roosting in structures like barns and sheds."</p>	
Small whorled pogonia(Isotria medeoloides)			<p>"The small whorled pogonia is a herbaceous perennial orchid. It has a widely scattered distribution in the eastern United States along the Atlantic coast from Maine to Georgia with outlying occurrences in the midwest and Canada." "In Virginia, the small whorled pogonia is found in ordinary looking third-growth upland forests with an open understory and a closed canopy where the topography is typically moderately sloping or almost level. The plants are usually associated with decaying vegetative matter such as fallen trunks and limbs, leaf litter, bark, and tree roots. The pogonia is found in soils that are acidic sandy loams with low nutrient content."</p>	

Eagles (<i>Haliaeetus leucocephalus</i>)				
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Eagle Nests				
Eagle Concentration Areas				

Critical Habitat				
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N/A				
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Other (species not listed above)				
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Species Under the Jurisdiction of NOAA/NMFS				
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Essential Fish Habitat				
Anadromous Fish Use Area				
Subaquatic Vegetation				
HAPC Sandbar Shark				
Atlantic Sturgeon				

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