

# Species Conclusions Table

Project Manager: Julie Hamilton	Project Name: Forgeine Affairs Security Training Center
Date: 8/20/2015	Project Number: NAO-2012-1084

Project Description: Construction of a security training facility for the US Department of State

## Species Under the Jurisdiction of FWS:

Species/Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Species Info / Habitat Description	Notes / Determination
Northern long-eared bat (Myotis septentrionalis)	Potential habitat present and no current survey conducted	May affect	<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>	Most of the area is forested and two were caught in mist nets in a 8/2014 survey. No maternity roosts were noted during the survey.

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Michaux's sumac (Rhus michauxii)	Species not present	No effect	<p>“Michaux’s sumac is a small, deciduous shrub found in the inner coastal plain and piedmont areas of Georgia, North Carolina, South Carolina, and Virginia. This species was found in Virginia in 1993. This shrub grows up to three feet in height. The Virginia populations are the largest and represent the northernmost range of the species.”</p> <p>“Michaux’s sumac grows in sparsely wooded oak hickory stands, grassy hardwood savannas, and old clearings. This species can tolerate acidic or basic soils, and appears to select sites due to their open canopies rather than soil type. Some form of disturbance, such as fire, is required to maintain the habitat for this species.”</p>	Please see agent provided documents attached.
Roanoke Logperch (Percina rex)	No suitable habitat present	No effect	<p>“This species presently occurs in five populations in widely separated segments of the upper Roanoke, Pigg, Smith, Nottoway, and Meherrin Rivers.”</p> <p>“The logperch typically inhabits medium-to-large, warm, usually clear streams and small rivers of moderate to low gradient. Adults usually inhabit the main body of stream pools, runs, and riffles and select areas with exposed, silt free gravel substrate. In the Roanoke and Pigg Rivers, adults were found primarily in runs and riffles. In the Nottoway River, adults were found primarily in pools. Young are usually found in slow runs and pools with clean sandy bottoms. Spawning occurs in April or May in deep runs over gravel and small cobble and logperch typically bury their eggs with no subsequent parental care.”</p>	The tributaries to the Nottoway onsite are either on the 303(d) impaired list or are intermittent streams. Further details within the agent report attached.

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**Eagles (Haliaeetus leucocephalus)**

Eagle Nests	May disturb nesting bald eagles	Eagle Act permit may be required	There are 3 active nests at Fort Pickett
Eagle Concentration Areas	Does not intersect with bald eagle concentration area	No Eagle Act permit required	

**Critical Habitat**

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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