



www.fws.gov/charleston www.fws.gov/southeast/candidateconservation

Conserving South Carolina's **At-Risk Species:**

Species facing threats to their survival

Tricolored bat

(Perimyotis subflavus)



Tricolored bat / Photo credit: USFWS

Description

inches (21 to 26 cm). "tricolored" refers to the bat's yellowish- ing is still pending as of this writing. brown coat that is dark at the base, yellowish-brown in the middle, and dark at Threats skin on the radius bone. The feet are also colored bat at Table Rock State Park in

Range

Mexico and west into Michigan, Minneso- to impact the species, especially if erected statewide in South Carolina.

Habitat

vegetation and early successional stands to forest-dwelling bats. Climate change morgan_wolf@fws.gov

foraging habitat use by tricolored bats.

NatureServe's Rounded Global Status is Management/Protection Needs G2 - Imperiled (Global Status last changed State law protects all bat species in South on 3/12/2015) and is listed as a Highest Carolina. Habitat protection and manage-Priority species in the South Carolina ment recommendations include working 2015 State Wildlife Action Plan. Once to prevent or reduce disturbance to natuconsidered relatively common throughout ral and artificial roost structures, as well South Carolina, this species has recently as to maternity colonies and hibernacula. been affected by white-nose syndrome Where and when possible, create or main-(WNS) and populations are in decline. tain patches of structurally diverse forest, WNS, first detected in bats in New York providing a variety of suitable roosting and in 2006, is a disease that is killing hiber- maternity sites. Forestry practices should nating bats in eastern North America. incorporate buffers around known roosts, The tricolored bat, formerly known as the Before WNS, the range of this species was foraging areas, and migration corridors via eastern pipistrelle (Pipistrellus subflavus), is expanding westward from South Dakota landowner incentive programs, conservaa small bat weighing 0.2 to 0.3 ounces (5 to Texas and New Mexico. The U.S. Fish tion easements, lease agreements, or purto 8 gr) and has a wingspan of 8 to 10 and Wildlife Service was petitioned to list chases. The term the species in June 2016. A 90-day find- use, especially around known foraging

the tips. The wing membranes are black- WNS is a major threat to tricolored bats. best placement of wind turbines so as to ish, but the face and ears have a pinkish Populations of this species have declined minimize impacts to bats. Continue with color. An obvious identifying characteris- greatly since 2006. The first case of WNS education and outreach efforts on the spetic of this species is the pink color of the in South Carolina was confirmed in a tri- cies. relatively large compared to its body size. March of 2013. In 2014, two other cases References of WNS were confirmed. Disturbance or NatureServe. 2017. NatureServe Explordestruction of natural and artificial roost er: An online encyclopedia of life [web The tricolored bat is a common bat found structures also pose threats to the species, application]. Version 7.1. NatureServe, throughout the forests of the eastern U.S., especially to hibernacula and maternity Arlington, Virginia. Available http:// and is distributed from Canada south into roosts. Wind turbines have the potential explorer.natureserve.org. ta, and Texas. The species can be found near roosts, colony sites, and along migra- South Carolina Department of Natural tory pathways. Pesticide poisoning, espe- Resources - South Carolina Bat Conservacially organochlorines and anticholines- tion Plan: January 2017 trase, is a concern as it has been shown to Tricolored bats are associated with forest- cause population declines in insectivorous Contact ed landscapes, often in open woods. They bats. Habitat loss due to deforestation of U.S. Fish & Wildlife Service can also be found over water and adjacent oak forests from Sudden Oak Death dis- South Carolina Field Office to water edges. In South Carolina, sparse ease may pose a threat to habitats critical 843/727-4707

were found to be the best predictor of also has the potential to threaten the species as increased temperatures may make southern hibernation sites unsuitable.

Minimize large-scale pesticide areas and maternity roosts. Continue to survey and monitor for the species. Further research is also needed to identify the