



Wyoming Game and Fish Department

Chapter 33 Permit

**FOR SCIENTIFIC RESEARCH, EDUCATIONAL/DISPLAY, OR
SPECIAL PURPOSES**

PERMIT ID: 1536

Others Authorized by This Permit:

Erica Robertson

Amanda Carpenter
Colorado State University
200 W Lake St, 1878 Campus Delivery
Fort Collins, CO 80523

SPECIES	NUMBER	REGION	VALID
Swallow, Bank - Riparia riparia	50	Sheridan, Green River, Lander, Jackson	4/11/2025 - 12/31/2025
Purpose:	This project uses genomic tools to inform conservation strategies for the Bank Swallow (Riparia riparia), a migratory bird that has experienced severe population declines across its range. By integrating genome-wide data with environmental predictors, the study aims to (1) delineate conservation units based on adaptive genetic variation, (2) identify environmental drivers of population decline, and (3) estimate genomic offset to assess vulnerability to future climate change.		
Conditions:	<p>It shall be the permittee’s responsibility to secure all necessary federal permits prior to conducting the above activities and to obtain landowner trespass permission if necessary. Permittee shall have a valid Federal Bird Banding Permit in possession while conducting activities. (Banding permit # 24155)</p> <p>The permittee may capture the above listed species and numbers via mist nets. Capture/collection methods, area(s) of study, banding/tagging, biological samples taken (if any), morphological data taken, and holding facilities (if any) shall be as described in permit application, including any supplements/study plan submitted.</p> <p>Any wildlife caught shall be immediately released after permitted handling/marketing activities are complete.</p> <p>Handling and sampling methods shall be in accordance with the Guidelines for the Use of Wild Birds in Research (Gaunt and Oring 2010). If euthanasia is necessary, methods shall be in accordance with the “AVMA Guidelines for the Euthanasia of Animals: 2020 Edition.” or, if applicable, under the methods approved by the permittee’s Institutional Animal Care and Use Committee (IACUC).</p> <p>Where practical, any deceased birds shall be donated to University of Wyoming Museum of Vertebrates (UWYMV) if agreed upon by UWYMV personnel. If permittee desires to retain specimens, one-half of the specimens may remain with permittee or a greater percentage if UWYMV declines donations. (Applicable federal permits and/or state permits shall be in possession of recipient.)</p> <p>Any fatalities/injuries of threatened or endangered species shall be reported as soon as reasonably possible to nongame bird biologist Zach Wallace (307) 760-4208. All fatalities/injuries shall be included in annual report.</p> <p>OBSERVATION data (including CAPTURE/RELEASE and capture caused fatality data) shall be submitted to the Wyoming Natural Diversity Database (WYNDD). WYNDD operates as a service and research unit of the University of Wyoming, and manages the joint WGFD/WYNDD observation database. The current template for compiling and reporting those data must be downloaded from the following link: https://wyndd.org/chapter_33. Data shall be submitted NO LATER THAN JANUARY 31 of the following year for which the permit is valid.</p> <p>In addition, an annual report summarizing permit activities, EVEN IF THE PERMIT WAS NOT UTILIZED, shall be submitted electronically to the Permitting Officer in Cheyenne no later than January 31 of the following year for which this permit is valid. Send report(s) to wgf.permitting@wyo.gov. The annual report shall provide an overview of activities conducted in the field.</p>		

Note:

-Data to WYNDD – Observation spreadsheet data goes to WYNDD; the permittee shall submit data to data@wyndd.org as an attachment

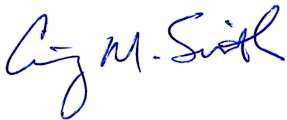
-Annual summary (e.g., .PDF of activities conducted) goes to: wgf.permitting@wyo.gov

When studies are completed, the Department requests any final reports/articles/publications (e.g. peer-reviewed articles, etc.) be submitted.

No wildlife parts shall be reduced to personal possession or retained by any person(s) authorized by this permit or given to any individual unless permission has been granted by the Deputy Chief of the Wildlife Division. As per state law, the data submitted as a condition of this permit may be utilized by the Department to further its management goals. This permit was issued based on the initial application and study proposal provided to and approved by the department. It does not include any changes or amendments unless provided in writing to the permitting officer and referenced in an amended permit. Unless otherwise indicated above, this permit does not include those species of wildlife defined as protected by W.S. 23-1-101 or those species of wildlife listed as threatened or endangered by federal regulation. This permit is contingent upon the permittee obtaining any necessary federal permit(s). The permit holder shall adhere to all conditions of the application and permit, as well as applicable rules and regulations such as: Wyoming statutes, Commission regulations, federal statutes, county and municipality rules or regulations, and any other laws/regulations/ordinances/covenants. Permittee shall obtain the permission of the owner of private property or the person in charge of the property before entering upon or conducting any activities within the private property; this includes crossing private property to access public lands when no public road access is available.

Permittee(s) shall carry a copy of this permit when conducting the above-mentioned activities and agree(s) to the inspection of all collections, gear and materials by any authorized enforcement personnel of the Wyoming Game and Fish Department. Inspection shall also be allowed by any authorized enforcement personnel of the US Fish and Wildlife Service when permitted species are migratory birds or are federally protected or regulated or when activities are conducted on lands/ facilities under the control of the USFWS.

If the individual designated as the permittee fails to submit the required written annual report, data or records in an approved format, no future permit shall be issued to that institution, entity, or individual until the permit report requirement is met.



Craig Smith
Deputy Chief, Wildlife Division

4/11/2025