

# Scientific Collection Permit Application Proposal Requirements

- I. Project Title --- Descriptive title of research project.
- II. Background Information --- Limit background to 200 words or less.
- III. *Purpose and Objectives of Research* --- Justify why this project is necessary and how it addresses management needs or complements earlier or ongoing research. One or two sentences for each objective explaining what questions the research will address. Be very explicit regarding research questions/hypotheses being tested.
- IV. Species Information --- If sampling for specific species provide the estimated number and the scientific and common names of the targeted species. If sampling protocol is for a community survey just indicate so and no need to list species. Indicate the expected final disposition of species collected (released, preserved, relocated, etc). If euthanizing species indicate method. List any state or federally threatened or endangered species that may be collected or encountered.
- V. Study Area --- Counties and location description of where sampling will be conducted. Road names/numbers, bridges, towns, creek names, etc are good descriptive examples.
- VI. Animal Sampling Methods --- Explain methods and techniques thoroughly enough for reviewers to evaluate animal care and use. Indicate gear used (backpack electrofishing, mist net, dip net, etc), specify types of traps used, time of year sampling is expected to be conducted (be as specific as possible), handling techniques, disposition of animals, and duration of sampling expected for passive sampling techniques (gill-net 24 hour set, pit trap checked daily, etc).
- VII. Study Design and Analysis--- Explain methods and techniques thoroughly enough for reviewers to evaluate the scientific merit of the proposed project.

## Things not to include:

- I. Lengthy background information such as species life history, habitat requirements, environmental threats to species, etc.
- II. Detailed habitat sampling and data analysis methods are not required, unless evaluation of such techniques is a purpose of the research and/or if such descriptions help establish scientific merit (see VII above).

# Contacts

General Information:	Shirl Dressler (804) 367-6913 <a href="mailto:collectionpermits@dwr.virginia.gov">collectionpermits@dwr.virginia.gov</a>
Shore Birds/Sea Turtles: (Eastern Shore)	Ruth Boettcher (757) 709-0766 <a href="mailto:Ruth.boettcher@dwr.virginia.gov">Ruth.boettcher@dwr.virginia.gov</a>
Birds/Raptors:	Jeff Cooper (540) 899-4169 <a href="mailto:Jeff.cooper@dwr.virginia.gov">Jeff.cooper@dwr.virginia.gov</a>
Mammals/Fur Bearers:	Pete Acker (757) 818-4527 <a href="mailto:Pete.acker@dwr.virginia.gov">Pete.acker@dwr.virginia.gov</a>
Game Fish:	Johnathan Harris (804) 367-6764 <a href="mailto:johnathan.harris@dwr.virginia.gov">johnathan.harris@dwr.virginia.gov</a>
Amphibians/Reptiles:	John (JD) Kleopfer (804) 829-6703 <a href="mailto:John.kleopfer@dwr.virginia.gov">John.kleopfer@dwr.virginia.gov</a>
Deer:	Nelson Lafon (540) 569-0023 <a href="mailto:Nelson.lafon@dwr.virginia.gov">Nelson.lafon@dwr.virginia.gov</a>
Non-Game Fish/Mussels:	Mike Pinder (540) 961-8387 <a href="mailto:Mike.pinder@dwr.virginia.gov">Mike.pinder@dwr.virginia.gov</a>
Small Mammals/Bats:	Rick Reynolds (540) 248-9386 <a href="mailto:Rick.reynolds@dwr.virginia.gov">Rick.reynolds@dwr.virginia.gov</a>
Aquatic Invertebrates/Snails/ Crayfish/Mussels:	Brian Watson (434) 525-7522 <a href="mailto:Brian.watson@dwr.virginia.gov">Brian.watson@dwr.virginia.gov</a>