



Application for Virginia Scientific Collection/Research/Survey Permit

(Under Authority of § 29.1-412, § 29.1-417, 4 VAC 15-30-10, 4 VAC 15-290-20, § 29.1-418, § 29.1-521, § 29.1-568 of the Code of Virginia)

Fee: \$40 (Two Year Permit)

Completed materials must be submitted electronically 3-4 weeks prior to the collection period to: collectionpermits@dgif.virginia.gov.

If renewal, give current permit number: _____

Full Name of Principal Applicant: _____

Affiliation: _____

Address: _____

Address2: _____

City: _____ State: _____ Zip: _____

Email: _____ Daytime Phone: _____

Cell Phone or Alternate Contact Phone: _____

If Contracted/Cooperating, by/with whom: _____

A FORMAL PROPOSAL/STUDY PLAN MUST BE SUBMITTED WITH THIS APPLICATION.

Purpose of Collection (Check all that apply):

- ☐ Agency Species Management
- ☐ Biomonitoring
- ☐ Contract Environmental Impact
- ☐ Contract Species Survey
- ☐ Instructional
- ☐ Research
- ☐ Volunteer Species Survey
- ☐ Other (Specify): _____

Taxa Group: YOU MUST CHECK ALL TAXA GROUPS WHICH APPLY. YOU MUST SPECIFY SPECIES AND NUMBERS TO BE COLLECTED FOR ANY ACTIVITY OTHER THAN CAPTURE AND IMMEDIATE RELEASE SUCH AS DNA SAMPLES, TAGGING, VOUCHER SPECIMENS OR ANIMALS RETAINED FOR CAPTIVE STUDIES.

- ☐ Amphibians: _____
- ☐ Aquatic Crustaceans: _____
- ☐ Aquatic Insects: _____

☐ Aquatic Mollusks: _____

USFWS/DGIF Approved Surveyor Yes: ☐ No: ☐

☐ Birds: _____

☐ Fish: _____

☐ Freshwater Mussels: _____

USFWS/DGIF Approved Surveyor Yes: ☐ No: ☐

☐ Macroinvertebrate Water Quality Sampling (NO ID for genus/species):

☐ Mammals:

☐ Furbearer: _____

☐ Small Mammals: _____

☐ Game: _____

☐ Marine: _____

☐ Other Aquatic Invertebrates: _____

☐ Other Terrestrial Invertebrates: _____

☐ Reptiles: _____

Collection Method(s) (Check all that apply):

Aquatic:

- | | | |
|--|---|--|
| <input type="checkbox"/> Collection by Hand | <input type="checkbox"/> Dip Net | <input type="checkbox"/> Electrofishing |
| <input type="checkbox"/> (Gill Nets/Trawl Nets) | <input type="checkbox"/> Aquatic Kick Samples | <input type="checkbox"/> Nets-Trap (Fyke/Hoop/D-Frame) |
| <input type="checkbox"/> Hook and Line | <input type="checkbox"/> HOOKA (Third Lung) | |
| <input type="checkbox"/> Scuba (proof of certification must be provided) | | |
| <input type="checkbox"/> Seine Nets | <input type="checkbox"/> Snorkel | <input type="checkbox"/> View Scope |
| <input type="checkbox"/> Traps (Minnow/Pot/Bell) | <input type="checkbox"/> SubstrateGrab Sampler (Vacuums/Dredge) | |
| <input type="checkbox"/> Other (Specify): _____ | | |

Terrestrial:

- | | |
|---|---|
| <input type="checkbox"/> Audio (Anurans/Birds) | <input type="checkbox"/> Launched Nets (i.e. rocket, cannon, whoosh) |
| <input type="checkbox"/> Collection by Hand | <input type="checkbox"/> Foot-Hold Traps (Snares/Jawed/Tangle) |
| <input type="checkbox"/> Hand Nets (Butterfly/Reptile) | <input type="checkbox"/> Live-Traps (Box/Pitfall/Funnel/Bell/Pot/etc.) |
| <input type="checkbox"/> Lures (Baits/Light/Cover Boards) | <input type="checkbox"/> Terrestrial Mist Nets (Bats/Birds) |
| <input type="checkbox"/> Visual Encounter (turning over rocks/logs) | <input type="checkbox"/> Nocturnal (i.e. shining w/high-power spot light) |
| <input type="checkbox"/> Kill Traps (Pitfall/Snap Traps) | |
| <input type="checkbox"/> Other (Specify): _____ | |

Disposition: (released or preserved or retained in lab; if preserved or retained, indicate museum or university or other location specimens will be housed): _____

County Name(s):

_____	_____
_____	_____
_____	_____

Waterbody(s):

_____	_____
_____	_____
_____	_____

Location Description: _____

Sub-Permittees/Field Collectors:

(A resume MUST accompany this application for ALL persons listed (whether Principal Permittee (Applicant) or Sub-Permittees/Field Collectors, first time students are exempt).

Name: _____	Affiliation: _____
Name: _____	Affiliation: _____
Name: _____	Affiliation: _____
Name: _____	Affiliation: _____
Name: _____	Affiliation: _____

(If you have more than five subpermittees, please provide a separate sheet)

Have you ever been convicted of violating any federal or state wildlife laws or wildlife-related regulations?
Yes ___ No ___ If "yes," Year and nature of offense: _____

"I CERTIFY UNDER PENALTY OF LAW THAT THE INFORMATION SUBMITTED IN THIS APPLICATION IS, TO THE BEST OF MY KNOWLEDGE, TRUE, ACCURATE, AND COMPLETE. I ALSO AGREE TO THE PERMIT CONDITIONS PROVIDED WITH THIS APPLICATION AND TO ANY SPECIAL CONDITIONS PLACED ON MY PERMIT. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT."

Applicant Name

Date

TYPED SIGNATURE IS AUTHORIZED AND BINDING PER CODE OF VIRGINIA 1-13.32 AND 2.1-7.4

Payment must accompany application. Receipt of payment does not imply approval of permit request.

*****FOR DEPARTMENT USE ONLY*****

- ☐ Approved, with standard conditions
- ☐ Approved, with standard & special conditions
(see permit and/or separate sheet for special conditions)
- ☐ Denied (explanation): _____



Virginia Department of Game and Inland Fisheries
4010 West Broad Street, P.O. Box 11104, Richmond, VA 23230-1104
(804) 367-1000 (V/TDD) FAX (804) 367-9147



Under Authority of § 29.1-412, § 29.1-417, & § 29.1-418 of the Code of Virginia

Scientific Collection Permit -- Standard Conditions

- **This permit, or a copy, must be carried by the above named individuals during collection activities.**
- **The permittee is required to submit to this Department a report of all specimens collected under this permit by the report due date. Report form may be found at <http://www.dgif.virginia.gov/permits/guide.asp>. FAILURE TO RETURN THIS REPORT WILL RESULT IN NON-ISSUANCE OF FUTURE PERMITS. If no activity occurs under this permit, an email should be sent to collectionpermits@dgif.virginia.gov containing the following statement: No activity occurred under Permit #insert permitID during insert year (i.e. 2006). Permit reports are due by January 31.**
- Permittee MUST notify VDGIIF within the seven (7) day period prior to EACH sampling event. Notification must be made via email to: collectionpermits@dgif.virginia.gov.)
- This permit does not support any activities outside of those associated with the application and proposal submitted to and approved by DGIIF.
- No species currently listed by the U.S. Fish and Wildlife Service or the Virginia Department of Game and Inland Fisheries as threatened or endangered may be intentionally collected under this permit. If incidental *death or injury* of threatened or endangered species does occur, the permittee is required to notify this Department at collectionpermits@dgif.virginia.gov within twenty-four (24) hours of occurrence. The following information must be reported: collector, date, species, location (county, quad, waterbody, and latitude and longitude to nearest second), and number collected.
- If incidental *observation or collection and live release* of threatened or endangered species occurs, the permittee is required to notify this Department at collectionpermits@dgif.virginia.gov within seven (7) days, providing the same information as the above condition.
- If incidental *mortality or injury of specimens intended to be taken live* occurs, the permittee is required to notify this Department at collectionpermits@dgif.virginia.gov within 48 hours, providing the same information as the above conditions. In addition, the permittee must provide the cause of mortality or injury and steps that are being taken to address the problem.
- No species may be retained unless specifically authorized by this permit.
- Game birds/game mammals/game fish protected by State and/or Federal laws must be taken during authorized hunting and trapping seasons and under applicable daily and seasonal bag/number limits by properly licensed persons unless otherwise specifically authorized. A valid Virginia fishing license is required for each person collecting samples by hook-and-line.
- All traps must be marked with the name and address of the trapper or an identification number issued by the Department (Code of Virginia §29.1-521.7). Steel foothold traps, Conibear-style body gripping traps, and snares must be marked with a nonferrous metal tag bearing this information (Virginia Administrative Code 4 VAC 15-40-170).
- All traps must be checked at least once a day and all captured animals removed, except completely submerged body-gripping traps which must be checked at least once every 72 hours (Code of Virginia §29.1-521.9).
- The permittee is required to report any incidences of wildlife deaths or diseases observed during the course of collection activities. Reports should be made to: collectionpermits@dgif.virginia.gov within seven (7) days.
- This permit satisfies only the Department's requirement for collection permits and is issued with the understanding that no collections will be made on federal, state, or private property without the prior approval and necessary permits from the landowners involved. The permittee is responsible for obtaining any additional permits required for collection.
- Sampling gear, boats, or trailers which have been used in states harboring zebra mussels must be cleaned and prepared following accepted guidelines for removal of zebra mussels, prior to being used in Virginia.
- For safety reasons, it is recommended that all permittees display at least 100 square inches of solid blaze orange material at shoulder level within body reach and visible from 360 degrees, especially during hunting season.

Study Plan for VA Department of Game and Inland Fisheries Scientific Collection/Research/Survey Permit
Kenneth Fortino; Longwood University
17 January 2013

This document describes the relevant components of a proposed Longwood University research project in the for the purpose of obtaining a collection permit.

Purpose of the Project:

The purpose of the research is to investigate the relationship between sediment biodiversity the processing of sediment organic matter.

Collection Methods:

Benthic macroinvertebrates will be collected from the soft sediments of several small ponds in the vicinity of Farmville, VA using an Ekman dredge. The exact ponds that will be sampled have not been determined yet.

Data to be Collected:

The project aims to collect two forms of data. The first is an estimate of the macroinvertebrate community composition, abundance, and functional diversity in the sediments of small ponds. Samples collected for this purpose will be preserved in 70% ethanol for the sorting, identification, and enumeration of the invertebrates (mainly chironomid larvae). The second type of data that we will collect is on the effect of benthic invertebrate diversity on the processing of organic carbon in the lake sediments. In this case, the collected invertebrates will be sorted live and used in short-term sediment incubations before being preserved and counted.

Proposed Quantity to be Collected:

It is difficult to estimate the number of organisms that will need to be collected to complete the goals of this study, as this will depend on the density and diversity of the sediment macroinvertebrates. We plan to sample each lake with sufficient effort to get good coverage of the spatial and temporal variation in the sediment community.

Disposition Method:

All preserved samples will be stored in 70% ethanol in the Fortino Lab at Longwood University.