

COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA FISH & BOAT COMMISSION

FOR 2001

Bureau of Administration
P O Box 67000
Harrisburg, PA 17106-7000

Attn: Lisa
FAX: 717-705-7901
Phone: 717-705-7900

APPLICATION FOR SCIENTIFIC COLLECTOR'S PERMIT

RENEWAL applications (from previous year) may be sent to the above address.

NEW applications must be sent for approval to the following address:

Andrew L. Shiels
Nongame & Endangered Species Unit
Pennsylvania Fish & Boat Commission
450 Robinson Lane
Bellefonte, PA 16823-9616

FAX: 814-359-5153
Phone: 814-359-5113

****NOTE: Please allow a minimum of ten working days for processing.****

In accordance with the provisions of the Fish and Boat Code, Act 1980-175, Amended, application is hereby made for a permit to collect and possess fishes, amphibians, reptiles, and aquatic organisms for educational and scientific purposes only. Applicant should become familiar with attached Statement of Policy and Permit Conditions before completing this form.

Applicant will supply the following information: (Please print)

1. Check type of Permit requested:

- Type I (\$10) - Assistants free
- Type II (Free) - Assistants free
- Type III (\$50) - \$10 per assistant

2. What is valid PA fishing license number in possession of applicant? _____ If you do not possess a current PA fishing license, you may send a photocopy of your driver's license with your most current address. Please ensure that your date of birth, height and eye color are listed. If they are not, please send the information along with the copy of your license ***Please refer to the last page of this application for the fee structure.*** A **SEPARATE** check should be made payable to PA Fish & Boat Commission.

3. Name _____ Date of Birth _____
(Mo. Day Yr.)

4. Title _____ Phone Number _____
(Area Code)

5. Address _____

6. List all academic degrees held:

<u>Institution</u>	<u>Degree (B.S., M.S., etc.)</u>	<u>Date Conferred</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

7. Height _____, Weight _____, Eye color _____, Hair color _____
8. Institution, agency, firm or corporation represented _____
9. Name, title, address of administrator, department head, supervisor, or other person familiar with applicant's work and whose name applicant may use as a reference.

10. List names of all teaching or research assistants, graduate students or others who will be engaged in scientific collecting under the auspices of this permit, along with their address, age, height, weight, eye color, hair color, and valid Pennsylvania fishing license number possessed by each. (Attach separate sheet.)
11. Describe *in detail* each project or activity that will require scientific collections to be made. Include information on location(s) where collecting will be done (i.e., specific water area and county), purpose of collecting, type and quantity of organisms to be collected, and intended disposition of such organisms. (Attach separate sheet.)
12. Supply the following information on the types of collecting gear to be used:
- (a) Electrofishing Gear: Type (battery or generator) _____
 Voltage: _____, Wattage: _____
 Type of electrodes: _____
- (b) Nets: Number and Type _____
 Net size (length, width and mesh) _____
13. Was applicant issued permit in prior years? _____ If so, state last year _____
 Permit Number _____

I hereby certify that the above information is true and that I have read the Statement of Policy and Permit Conditions and agree to abide by them.

 (Date of Application) (Signature of Applicant)

 (Date Approved) (Approving Authority)

_____(Not Approved)

COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA FISH & BOAT COMMISSION
SCIENTIFIC COLLECTOR'S PERMITS

Permit Conditions

1. A valid and current Scientific Collector's Permit issued by the Pennsylvania Fish & Boat Commission is required to collect, take, or maintain any species of Pennsylvania fishes, amphibians, reptiles, or aquatic organisms, in any manner, or at any season not permitted by the regulations governing all holders of a valid Pennsylvania fishing license. Collecting without a valid Scientific Collector's Permit and in a manner not authorized by a fishing license will result in prosecution under any and all appropriate sections of law, rule, or regulation.
2. No permit shall be valid for any water area, site locale, county, etc., other than that clearly specified on the permit or on a written extension of the permit provided by the Pennsylvania Fish & Boat Commission. Collection in areas not specified on the permit in any manner or season not authorized by a valid fishing license will invalidate this permit.
3. The **permit holder (not an assistant) must be present** on-site when any collecting takes place under the authorization granted in a Scientific Collector's Permit issued by the Pennsylvania Fish & Boat Commission. If the permit holder is not present, those individuals collecting will be considered as collecting without a permit.
4. The permit holder is required to notify the appropriate Regional Law Enforcement Manager (see page 7) for the county or enforcement district where scientific collecting is to be conducted at least 24 hours in advance of any collecting activities. The Regional Offices are open Monday through Friday between the hours of 8:00 AM and 4:00 PM. This notification shall include date and location of collection. Failure to provide proper notification will invalidate the Scientific Collector's Permit and those engaged in collection will be regarded as not having a Scientific Collector's Permit.
5. The use of any net or seine larger than four feet square or four feet in diameter or length or any electrofishing gear as a collecting device or aid is illegal unless specifically authorized by the individual Scientific Collector's Permit issued by the Pennsylvania Fish & Boat Commission.
6. All organisms collected under authorization of a Scientific Collector's Permit issued by the Pennsylvania Fish & Boat Commission which are not returned unharmed to their habitat must be used for the purposes authorized (based on the permit application).
7. All trap nets, gill nets, traps or similar devices, when set for collecting purposes, must be conspicuously tagged with the name, address, and Collector's Permit number on a tag made of waterproof material and with all letters and numerals in print at least 2 inches in height. In the case of submerged gear, such as trap nets, fyke nets, gill nets, and similar devices, the identification label or tag must be affixed to a float which will be at the water's surface while attached to the trap or net so that identification can be checked without removing the trap or net from the water.
8. All trap nets, gill nets, traps, or similar devices set to capture fishes, amphibians, reptiles, or aquatic invertebrates and operated under the authorization of a Scientific Collector's Permit must be tended daily (checked and cleaned at least once in every 24-hour period).

9. Upon request, the permit holder will present a copy of the permit to any Waterways Conservation Officer, Deputy Waterways Conservation Officer or other authorized agent of the Pennsylvania Fish & Boat Commission.
10. Lists of endangered, threatened, and candidate species of fishes, amphibians, and reptiles are attached to and considered an integral part of each permit. Animals on these lists may only be taken with prior Pennsylvania Fish & Boat Commission approval for proven scientific and educational research purposes.
11. All Scientific Collector's Permits issued by the Pennsylvania Fish & Boat Commission shall expire and cease to be valid on December 31, of the calendar year of issue or date specified in permit conditions, whichever comes first.
12. Permit renewal requires a written request, return of previously issued permit, and submission of a report of all species caught or taken, using both common and scientific names, the numbers and use made of them, and the collector's name, date, locality, and county of each collection. Such reports shall include all theses, or published articles based on information gathered through the use of the permit.
13. All reports and permits must be submitted by January 31 of the year following issue, *even if permit renewal is not desired.*
14. Failure to abide by any of the foregoing conditions will result in invalidation and revocation of current permit(s) and refusal to be issued permits in the future.
15. Please note that a Scientific Collector's Permit does not grant persons the authority to trespass on private property.
16. Also note that the Department of Conservation and Natural Resources, Bureau of State Parks, Bureau of Forestry and the PA Game Commission may also require permits for action performed on their respective properties.

COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA FISH & BOAT COMMISSION

STATEMENT OF POLICY

Scientific Collector's Permits

The following policy was approved at the regular meeting of the Pennsylvania Fish & Boat Commission on January 24, 1966.

The Pennsylvania Fish & Boat Commission recognizes that there is a valid need, in many situations, for the collecting of fishes, reptiles, amphibians, or aquatic invertebrates for scientific purposes. The Commission also recognizes that the methods of collection, normally permissible under statewide rules and regulations for fishing, are often inadequate for technical and scientific studies. In recognition of this need, and under authorization by law, the Pennsylvania Fish & Boat Commission does issue Scientific Collector's Permits to qualified persons engaged in research, higher education, or scientific studies where the collecting of specimens is necessary.

CATEGORIES OF SCIENTIFIC COLLECTOR'S PERMITS

The need for scientific collecting falls into three general areas:

(1) research and education, (2) public conservation or resource agencies, and (3) private (commercial) consulting. The Pennsylvania Fish & Boat Commission's Scientific Collector's Permits are designed to cover the needs of these broad areas and are issued in three categories: (1) Nonprofit Research and Education, (2) Governmental, and (3) Consulting. All three categories require possession of a valid Pennsylvania fishing license.

Type I Permit: Nonprofit Research and Education

A Type I (Nonprofit Research and Education) permit is issued to individuals deemed qualified by the Pennsylvania Fish & Boat Commission to competently and capably conduct research or educational programs and who are also not engaged in scientific collecting for monetary gain (i.e., private consulting).

Fee: The fee for a Type I permit is \$10.00.

Who may apply: All applicants must have a valid Pennsylvania fishing license.

Type I permits are normally issued to:

- (a) Individuals who have earned their Bachelor's Degree and are pursuing studies toward an advanced degree and who have a demonstrable need to collect fishes, reptiles, amphibians and/or aquatic invertebrates to complete such a degree.
- (b) Individuals who possess an advanced academic degree and who are conducting biological research which requires field specimens.
- (c) Individuals associated with or employed by a museum or by an accredited institution of higher learning who are academically and/or professionally qualified to conduct biological research or who have a valid need for collection of specimens for science or education.
- (d) Individuals who, through association with a museum, zoological institution, or personal endeavor, have gained recognized expertise in some area of herpetology, fishery science, limnology, aquatic entomology, or related sciences that the Commission deems qualified.

Who is covered: A Type I permit is limited to coverage of the permit holder and no more than five assistants.

All assistants must have a valid Pennsylvania fishing license.

(Exceptions may be granted to the limit on the number of assistants in the case of college or university faculty wishing to utilize students enrolled in a formal academic program. The granting of exceptions will be solely at the discretion of the Pennsylvania Fish & Boat Commission).

Geographic area covered: A Type I permit is normally limited to a specific area (i.e., a county or specific water area). A statewide authorization is rarely granted. Statewide collecting permits may be issued to persons serving as members of an Advisory Board or Advisory Committee to the Pennsylvania Fish & Boat Commission, or, in exceptional cases, to persons conducting urgently needed or critical research which the Pennsylvania Fish & Boat Commission recognizes as justification for statewide collecting.

Type II: Governmental

A Type II (governmental) permit is a free permit issued to State and Federal employees engaged in scientific collecting as a part of their required duties. A Type II permit may be statewide or regional depending on the individual application. All applicants must have a valid Pennsylvania fishing license.

Type III: Consulting

A Type III (consulting) permit is issued to individuals deemed by the Pennsylvania Fish & Boat Commission to be qualified to engage in scientific collecting. A Type III permit is issued to individuals engaged in private consulting for profit, i.e., as a commercial venture. (Scientific collecting for use in Private consulting is not legal under a Type I or Type II Scientific Collector's Permit.)

Fee: The fee for a Type III permit is \$50.00.

Who may apply: All applicants must have a valid Pennsylvania fishing license.

All applicants must have at least a Bachelor's Degree in biological science, zoology, fisheries science, herpetology, or a field the Pennsylvania Fish & Boat Commission deems related to the reason stated on the application as need for scientific collecting. Experience and certification recognition of competence by a professional society, or recommendations by acknowledged authorities in the appropriate field of biological science will be of benefit to the applicant when their application is being reviewed.

Who is covered: A Type III permit is limited to coverage of the permit holder and five assistants.

A Type III permit is issued only to a qualified individual. The permit will not be issued in the name of a company or corporation.

An individual may hold only ONE Type III permit at any given time. (If a corporation or company has three groups of assistants on three projects, then each of the three permits must be issued to a different qualified individual). This is necessary because permit conditions require that the permit holder personally be present at any time scientific collecting takes place.

Assistants: No more than 5 assistants will be covered by a Type III permit. All assistants must have a valid Pennsylvania fishing license before they can legally assist in scientific collecting.

Geographic area covered: Authorization for scientific collecting under a Type III permit will be limited to a specific site, or sites, as described on the permit conditions. NO statewide or "blanket" permits will be issued. A permit can be amended or area coverage changed to accommodate new projects by making application for change in permit coverage to the Pennsylvania Fish & Boat Commission. The fee for each permit change subsequent to issuance of a permit is \$10.00.

EFFECTIVE PERIOD OF PERMIT

It is the policy of the Pennsylvania Fish & Boat Commission that Scientific Collector's Permits be issued on a calendar year basis only. All permits are to be valid only from January 1 to December 31 of the year of issue.

**FISHING AND BOATING REGULATIONS
2001**

Chapter 75. ENDANGERED SPECIES

Sec.

- §75.1 Endangered Species.
- §75.2 Threatened Species.
- §75.3 Candidate Species.
- §75.4 Special Permits.

§75.1. Endangered Species.—2305(b)

- (a) *General.* The species of fish, amphibians and reptiles listed in subsections (b) and (c) are classified as endangered. The catching, taking, killing, possessing, importing to or exporting from this Commonwealth, selling, offering for sale or purchasing, of any individual of these species, alive or dead, or any part thereof, without special permit from the Executive Director is prohibited.
- (b) *Fish.* The following species are endangered:
 - (1) Northern brook lamprey, *Ichthyomyzon fossor*.
 - (2) Shortnose sturgeon, *Acipenser brevirostrum*.
 - (3) Lake sturgeon, *Acipenser fulvescens*.
 - (4) Atlantic sturgeon, *Acipenser oxyrinchus*.
 - (5) Spotted gar, *Lepisosteus oculatus*.
 - (6) Hickory shad, *Alosa mediocris*.
 - (7) Cisco, *Coregonus artedi*.
 - (8) Silver chub, *Macrhybopsis storeriana*.
 - (9) Gravel chub, *Erimystax x-punctatus*.
 - (10) Bridle shiner, *Notropis bifrenatus*.
 - (11) River shiner, *Notropis blennioides*.
 - (12) Ghost shiner, *Notropis buchanaui*.
 - (13) Ironcolor shiner, *Notropis chalybaeus*.
 - (14) Blackchin shiner, *Notropis heterodon*.
 - (15) Redfin shiner, *Lythrurus umbratilis*.
 - (16) Longnose sucker, *Catostomus commersoni*.
 - (17) Bigmouth buffalo, *Ictiobus cyprinellus*.
 - (18) Black bullhead, *Ameiurus melas*.
 - (19) Mountain madtom, *Noturus eleutherus*.
 - (20) Tadpole madtom, *Noturus gyrinus*.
 - (21) Northern madtom, *Noturus stigmosus*.
 - (22) Burbot, *Lota lota* (inland populations only).
 - (23) Threespine stickleback, *Gasterosteus aculeatus*.
 - (24) Banded sunfish, *Enneacanthus obesus*.
 - (25) Warmouth, *Lepomis gulosus*.
 - (26) Longear sunfish, *Lepomis megalotis*.
 - (27) Iowa darter, *Etheostoma exile*.
 - (28) Eastern sand darter, *Etheostoma pellucidum*.
- (c) *Invertebrates.* The following species are endangered:
 - (1) Northern riffleshell mussel, *Epioblasma torulosa rangiana*
 - (2) Clubshell mussel, *Pleurobema clava*

- (d) *Reptiles and Amphibians*. The following species are endangered:
- (1) Bog Turtle, *Clemmys muhlenbergii*.
 - (2) New Jersey Chorus Frog, *Pseudacris feriarum kalmi*.
 - (3) Coastal Plain Leopard Frog, *Rana utricularia*.
 - (4) Massasauga Rattlesnake, *Sistrurus catenatus*.
 - (5) Kirtland's Snake, *Clonophis kirtlandii*.
 - (6) Eastern Mud Salamander, *Pseudotriton m. montanus*.

§75.2. Threatened Species.

- (a) *General*. The species of fish, amphibians and reptiles listed in subsections (b) and (c) are classified as threatened. The catching, taking, killing, possessing, importing to or exporting from this Commonwealth, selling, offering for sale or purchasing, of any individual of these species, alive or dead, or any part thereof, without a special permit from the Executive Director is prohibited.
- (b) *Fish*. The following species are threatened:
- (1) Mountain brook lamprey, *Ichthyomyzon greeleyi*.
 - (2) Skipjack herring, *Alosa chrysochloris*.
 - (3) Goldeye, *Hiodon alosoides*.
 - (4) Mooneye, *Hiodon tergisus*.
 - (5) Bigmouth shiner, *Notropis dorsalis*.
 - (6) Southern redbelly dace, *Phoxinus erythrogaster*.
 - (7) Smallmouth buffalo, *Ictiobus bubalus*.
 - (8) Spotted sucker, *Minytrema melanops*.
 - (9) Brindled madtom, *Noturus miurus*.
 - (10) Bluebreast darter, *Etheostoma camurum*.
 - (11) Spotted darter, *Etheostoma maculatum*.
 - (12) Tippecanoe darter, *Etheostoma tippecanoe*.
 - (13) Channel darter, *Percina copelandi*.
 - (14) Gilt darter, *Percina evides*.
 - (15) Longhead darter, *Percina macrocephala*.
- (c) *Amphibians and reptiles*. The following species are threatened:
- (1) Green salamander, *Aneides aeneus*.
 - (2) Red-bellied Turtle, *Pseudemys rubriventris*.
 - (3) Rough Green Snake, *Opheodrys aestivus*.

§75.3. Candidate Species.

- (b) *General*. The species listed in subsections (b) and (c) are considered candidate species which could achieve endangered or threatened status in the future. They are subject to seasons, size, creel—bag—and possession limits specified in this subpart. A person who catches these species is encouraged to release them immediately and unharmed to the waters or other area from which they were taken.

- (b) *Fishes.*
- (1) Ohio lamprey, *Ichthyomyzon bdellium*.
 - (2) Least brook lamprey, *Lampetra aepyptera*.
 - (3) American brook lamprey, *Lampetra appendix*.
 - (4) Longnose gar, *Lepisosteus osseus*.
 - (5) Bowfin, *Amia calva*.
 - (6) Central mudminnow, *Umbra limi*.
 - (7) Eastern mudminnow, *Umbra pygmaea*.
 - (8) Hornyhead chub, *Nocomis biguttatus*.
 - (9) River redhorse, *Moxostoma carinatum*.
 - (10) Brook silverside, *Labidesthes sicculus*.
 - (11) Brook stickleback, *Culaea inconstans*.
- (c) *Amphibians and reptiles.* The following species are candidate.
- (1) Blandings Turtle, *Emydoidea blandingii*.
 - (2) Broad-headed Skink, *Eumeces laticeps*.
 - (3) Timber Rattlesnake, *Crotalus horridus*.

§75.4. Special Permits.

The Executive Director, or a designee, may issue special permits under 30 Pa.C.S. §2305 (relating to threatened and endangered species) to take, catch, kill or possess threatened or endangered species upon written application on forms provided by the Commission.

- (1) Special permits will be issued only upon a showing of unique or extraordinary circumstances justifying the permit and the applicant shows that the permitted action does one of the following:
 - (i) Has no demonstrable adverse impacts on the population of the species in this Commonwealth.
 - (ii) Is in the best interest of the protection, conservation and management of the species.
 - (iii) Is necessary and appropriate in the interests of public health and safety or promotes essential research or public education and information.
- (2) Persons and institutions requesting special permits shall apply before taking, catching, killing, possessing or acquiring the threatened or endangered species. Application forms and information are available from: Nongame and Endangered Species Unit, Bureau of Fisheries, 450 Robinson Lane, Bellefonte, Pennsylvania 16823-9620.

On page 1 of Permit Conditions, No. 4 states that the permit holder is required to notify the appropriate Regional Law Enforcement Manager for the county or enforcement district where scientific collecting is to be conducted at least 24 hours in advance of any collecting activities.

The Regional Law Enforcement Managers include:

NORTHWEST REGION

Gary Deiger, Manager
814-337-0444

Counties

Butler	Lawrence
Clarion	Mercer
Crawford	Venango
Erie	Warren
Forest	

SOUTHWEST REGION

Emil Svetahor, Manager
814-445-8974

Counties

Allegheny	Greene
Armstrong	Indiana
Beaver	Somerset
Cambria	Washington
Fayette	Westmoreland

NORTHCENTRAL REGION

William Hartle, Manager
814-359-5250

Counties

Cameron	McKean
Centre	Northumberland
Clinton	Potter
Clearfield	Snyder
Elk	Tioga
Jefferson	Union
Lycoming	

SOUTHCENTRAL REGION

George Geisler, Manager
717-486-7087

Counties

Adams	Huntingdon
Bedford	Juniata
Blair	Lebanon
Cumberland	Mifflin
Dauphin	Northumberland
Franklin	Perry
Fulton	York

NORTHEAST REGION

Kerry L. Messerle, Manager
570-477-5717

Counties

Bradford	Northumberland
Carbon	Pike
Columbia	Sullivan
Lackawanna	Susquehanna
Luzerne	Wayne
Monroe	Wyoming
Montour	

SOUTHEAST REGION

Jeff Bridi, Manager
717-626-0228

Counties

Berks	Lehigh
Bucks	Montgomery
Chester	Northampton
Delaware	Philadelphia
Lancaster	Schuylkill

The following is the fee structure for Pennsylvania fishing licenses:

TYPE	COST
Resident	\$17.00
Senior Resident	\$ 4.00
Lifetime	\$16.00
Nonresident	\$35.00
Seven-Day Tourist	\$30.00
Three-Day Tourist	\$15.00
Replacement	\$ 5.00
Trout/Salmon Stamp	\$ 5.50