

## Vertebrate Animal Form (5A)

Required for all research involving vertebrate animals that is conducted in a school/home/field research site.  
(SRC approval required before experimentation.)

Student's Name(s) Colleen Schmid

Title of Project Shifting Environmental Factors Influence the Abundance and Fitness of Juvenile American Eels

### To be completed by Student Researcher:

1. Common name (or Genus, species) and number of animals used.  
American eel
2. Describe completely the housing and husbandry to be provided. Include the cage/pen size, number of animals per cage, environment, bedding, type of food, frequency of food and water, how often animal is observed, etc. Add an additional page as necessary.  
No housing is necessary as the data collection was catch and release. The eels are caught in the net and are briefly examined and then released back into the stream.
3. What will happen to the animals after experimentation?  
After they are examined, they are immediately released back into the stream.
4. Attach a copy of wildlife licenses or approval forms, as applicable
5. The Intel ISEF Vertebrate Animal Rules require that any death, illness or unexpected weight loss be investigated and documented by a letter from the qualified scientist, designated supervisor or a veterinarian. If applicable, attach this letter with this form when submitting your paperwork to the SRC prior to competition.

### To be completed by Local or Affiliate Fair Scientific Review Committee (SRC) BEFORE experimentation.

#### Level of Supervision Required for agricultural, behavioral or nutritional studies:

- ☐ Designated Supervisor REQUIRED. Please have applicable person sign below.
- ☐ Veterinarian and Designated Supervisor REQUIRED. Please have applicable persons sign below.
- ☐ Veterinarian, Designated Supervisor and Qualified Scientist REQUIRED. Please have applicable persons sign below and have the Qualified Scientist complete Form (2).

The SRC has carefully reviewed this study and finds it is an appropriate study that may be conducted in a non-regulated research site.

#### Local or Affiliate Fair SRC Pre-Approval Signature:

\_\_\_\_\_  
SRC Chair Printed Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date of Approval (must be prior to experimentation) (mm/dd/yy)

#### To be completed by Veterinarian:

- ☐ I have reviewed this research and animal husbandry with the student before the start of experimentation.
- ☐ I have approved the use and dosages of prescription drugs and/or nutritional supplements.
- ☐ I will provide veterinary medical and nursing care in case of illness or emergency. (Fees may apply.)

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Email/Phone

#### To be completed by Designated Supervisor or Qualified Scientist when applicable:

- ☒ I have reviewed this research and animal husbandry with the student before the start of experimentation and I accept primary responsibility for the care and handling of the animals in this project.
- ☐ I will directly supervise the experiment.

\_\_\_\_\_  
Sarah Mount

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
sarah.mount@dec.ny.gov

\_\_\_\_\_  
Email/Phone

\_\_\_\_\_  
*Sarah Mount*

\_\_\_\_\_  
11.20.19



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**DEC Contact Information**

**DIVISION OF FISH, WILDLIFE AND MARINE RESOURCES**

**SPECIAL LICENSES UNIT**

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