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7555-01

NATIONAL SCIENCE FOUNDATION

Notice of Permit Applications Received  
Under the Antarctic Conservation Act of 1978 (P.L. 95-541)

AGENCY: National Science Foundation

ACTION: Notice of Permit Applications Received under the Antarctic Conservation Act of 1978, P.L. 95-541.

SUMMARY: The National Science Foundation (NSF) is required to publish a notice of permit applications received to conduct activities regulated under the Antarctic Conservation Act of 1978. NSF has published regulations under the Antarctic Conservation Act at Title 45 Part 670 of the Code of Federal Regulations. This is the required notice of permit applications received.

DATES: Interested parties are invited to submit written data, comments, or views with respect to this permit application by **[Insert 30 days from date of publication in the Federal Register]**. This application may be inspected by interested parties at the Permit Office, address below.

ADDRESS: Comments should be addressed to Permit Office, Room 755, Office of Polar Programs, National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230.

FOR FURTHER INFORMATION CONTACT: Polly A. Penhale at the above address or (703) 292-7420.

SUPPLEMENTAL INFORMATION: The National Science Foundation, as directed by the Antarctic Conservation Act of 1978 (Public Law 95-541), as amended by the Antarctic Science, Tourism and Conservation Act of 1996, has developed regulations for the establishment of a permit system for various activities in Antarctica and designation of certain animals and certain geographic areas requiring special protection. The regulations establish such a permit system to designate Antarctic Specially Protected Areas.

The applications received are as follows:

1. Applicant Permit Application: 2012-013  
Robert A. Blanchette.  
University of Minnesota

1991 Upper Buford Circle

St. Paul, MN 55108

Activity for Which Permit is Requested

Take and Import into the U.S.A. The applicant plans to collect and transport fungi (mushrooms and other fruiting structures) for DNA extraction and taxonomic identification for investigations to better understand recycling organisms in the polar ecosystem. The applicant will also collect and transport soil samples to isolate soil microorganisms.

Location

Palmer Station vicinity, Anders Island, Antarctic Peninsula

Dates

February 2, 2012 to December 31, 2014

2. Applicant

Permit Application: 2012-014

H. William Detrich, III

Department of Biology

134 Mugar Hall

Northeastern University

Boston, MA 02115

Activity for Which Permit is Requested

Enter Antarctic Specially Protected Areas and Introduce Non-indigenous species into Antarctica. The applicant plans to enter ASPA 152-Western Bransfield Strait and ASPA 153-Eastern Dallmann Bay to capture Antarctic fish by trawling and trapping. The live fishes will be transported to the aquarium facilities at Palmer Station for experimentation. The applicant will use Escherichia coli strain BL21DE3 for the production of <sup>35</sup>S-labeled proteins to be used in protein folding assays in the continued analysis of a cold-functioning chaperonin protein folding system from testis tissue of the Antarctic fish.

Location

ASPA 152-Western Bransfield Strait and ASPA 153-Eastern Dallmann Bay, and Palmer Station, Anders Island, Antarctic Peninsula

Dates

March 21, 2012 to June 21, 2012

Nadene G. Kennedy  
Permit Officer  
Office of Polar Programs

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