

Survey Request ID:

63

Date Submitted:

3/6/2012 3:45 PM

Submission Complete:

Yes

PROJECT TITLE:

Pathology Specimen Voucher (High Priority, FRP Milestone #4)

GENERAL DESCRIPTION AND JUSTIFICATION (500 words max):

Please provide a succinct (500 words maximum) description and justification for your proposed project or collection. Please be sure to detail the goals of the project, how the data or specimens will be used, and why it is important for this project to take place at this time (opposed to during future surveys, other available research platforms, etc.).

We want to voucher specimens with anomalies that have been deemed important and require effort for diagnosis and/or monitoring, as well as rare and unusual pathological conditions or unusual specimen (i.e. Myctophidae spp.) The proposed project has implications for the following AFSC research priorities: 1) Investigate the role of pathogens and parasites in vitality of marine fish and shellfish populations & as biomarkers of anthropogenic and environmental change on stock health 2) Develop DNA-based genetic baseline data for selected species of groundfish and forage fish to establish stock structure and stock boundaries 3) Assist in implementing and improving data collection programs that support economic and social research

REQUESTOR/POINT OF CONTACT FIRST NAME:

Frank

REQUESTOR/POINT OF CONTACT LAST NAME:

Morado

E-MAIL:

frank.morado@noaa.gov

DAYTIME TELEPHONE#:

206-526-6572

AFFILIATION OF REQUESTOR

AFSC - RACE

IDENTIFYING THE SURVEY.

Please select a survey. One per application.

2012 Eastern Bering Sea Continental Shelf (EBS-SHELF)

IDENTIFYING THE GEOGRAPHIC AREAS FOR YOUR COLLECTION.

Each survey, except the Chukchi survey, is divided up into major geographic subareas. Please check all the subareas that apply to your collection. For descriptions of survey subareas please see the application instructions.

EBS-SHELF: Southeast region, EBS-SHELF: Northwest region

IS THE AREA OF YOUR COLLECTION MORE RESTRICTED THAN THE GENERAL SUBAREAS LISTED ABOVE?

If 'yes', please provide the bounding coordinates of your collection area (latitudes and longitudes in decimal degrees) in the fields below.

No

IDENTIFY THE TYPE OF DATA COLLECTION.

Select the category that best describes your collection.

Biological specimen

Does your request include fish, invertebrates, or both?

both fish and invertebrate species

IDENTIFY SPECIES.

Please provide the scientific name. Multiple names may be pasted if the collection protocol is the same.

Opportunistic collections of rare specimen or those with rare and/or unusual anomalies

What type of specimen data do you want collected?

pathology

IDENTIFY SAMPLING METHOD.

It is important for our staff to know how often to collect for your project and if there are any criteria for selecting specimens. In the following pages, you will be asked to provide this information.

Sample all (specimens will be collected wherever and whenever they come up in the net)

MAXIMUM QUANTITY OF SPECIMENS REQUESTED

up to 30 samples per leg of survey, one boat only

INCLUDE HAUL INFORMATION WITH YOUR COLLECTION?

Linking your project data to haul level data (haul position, depth, trawl temperature, etc) requires that Cruise, Vessel, and Haul numbers be included each time your samples are collected. Any forms provided by you must contain those fields. Haul level data will be e-mailed to the the requestor when survey data are finalized after the end of the field season (usually by October of the same calendar year).

No - I have no need to link my collection with haul level data

DETAILED COLLECTION PROCEDURES:

Provide a detailed description of collection procedures and list of special forms and equipment that will be required. Be as specific as possible and include the desired sampling location(s).

Tissues or whole animals with observed anomalies will be fixed in 10% buffered formalin or preserved in 100% ethanol. This will be opportunistic sampling only and will take place after routine survey tasks are completed.

ESTIMATED TIME & PERSONNEL TO NEEDED TO CONDUCT PROJECT:

Provide an accurate estimate of the amount of time and people needed to collect your project data. For example: 2 people and 15minutes every every haul; one person and 30 minutes whenever a particular species comes up in the net. One person and 1 hour at the beginning and end of the survey.

One person and will take a few minutes whenever a rare species comes up in the net

LIST OF SUPPLIES:

Provide a list of all supplies needed for your project or collection. The person making the request is responsible for providing or arranging for all needed supplies including chemicals. Small quantities of some supplies, such as sample bags, freezer boxes, and standard chemical like ETOH and formaldehyde may be available, but applicants must arrange this specifically with survey contact(s) prior to the start of the survey).

We will provide specimen collection labels, plastic bags, tissue cassettes, dissection kit, chemicals, datasheets, and shipping materials.

HAZARDOUS MATERIALS:

Select or describe any hazardous materials used for your project. Please include MSDS's with your application for chemicals other than formaldehyde, ethanol, glycerol/thymol.

Formaldehyde, Ethanol

24/7 Contact Name:

Christie Shavey

24/7 Contact Phone Number:

206-554-1755

Detailed shipping instructions:

We will use AFSC shipping van to and from Alaska. Ethanol: Outer container is a solid 5-gallon plastic twist top labeled bucket. Inner container is a sturdy plastic (HDPE) 1L bottle. Hazardous materials will be contained in a properly labeled bulk container (42x29x28") during shipment. Formalin: Not DOT regulated, but will be shipped in sturdy containers within a 5-gallon twist top bucket.

Permits issued or pending:

ADF&G Fish Resource Permit