



Valid From: 01-Jan-2011

Expiry Date: 31-Dec-2011

This licence and/or permit is issued under the authority of SECTION 52 OF THE FISHERY (GENERAL) REGULATIONS.

This licence and/or permit authorizes the person(s) listed below, subject to the following terms and conditions, to collect the species and quantity of fish identified below for: scientific purposes. Non-compliance with any condition of this licence and/or permit may result in the cancellation of this licence and/or permit.

Licence Holder:

FIN: 114601

University Of British Columbia Zoology

2370-6270 University Boulevard

Vancouver BC V6T 1Z4

Contact Number: 604-736-7477

Contact Party:

FIN: 121909

Dolph Schluter

Contact Number: 604-822-2387

Species, Quantity of Fish, Area(s) and Gear:

Species:	Threespine Stickleback
Licence Area:	management area 16
Gear:	Trap, Gee/Minnow
To be Retained:	200
Units:	Pieces (dead)

Terms and Conditions:

A report will be required by DFO at the end of the project

The DFO Office responsible for the area in which fishing takes place shall be notified on each occasion prior to the collection of samples. Notification shall occur by telephone during normal business hours. If you are unable to notify the local office on evenings or weekends, advise the DFO Radio Room at 1-800-465-4336 prior to sampling.

Copies of this licence must accompany the collecting personnel, be on board any collecting vessel and be carried with the transport vehicle at all times during collection and transport of samples. The licence must be produced upon the request of a Fishery Officer or Guardian.

This licence authorizes collections to be made by the licensee and employees, volunteers and students of the licensee provided that all persons, other than minors who are engaged in activities under the authority of this licence, are carrying suitable photo identification to be produced upon request of a Fishery Officer or Guardian.

Collections within sites designated under provincial statutes (includes parks, conservancies, ecological reserves and other protected areas), on intertidal lands fronting First Nations reserves, or in aquaculture tenures licensed by the Province of BC, require the consent of the administrative authority or lease owner for the area.

Retention of catch is permitted to the maximum specified on this licence. All catch in excess of the licence limit shall



be released at the point of capture immediately following data recording.

Specimens retained under the authority of this licence may not be utilized, sold or processed for food or bait.

A Section 56 Fishery (General) Regulations Permit is required for the transfer of live specimens between marine areas, or to holding tanks which discharge to marine waters. The licence holder is required to make application to the Federal/Provincial Introductions and Transfers Committee. Contact numbers and application forms are available from their website: http://www-heb.pac.dfo-mpo.gc.ca/intro_trans/transfers_e.htm

Section 32 (1) of the federal Species at Risk Act prohibits killing, harming, harassing, capturing or taking an individual of a wildlife species which is listed on Schedule 1 as an extirpated species, an endangered species or a threatened species. Refer to the SARA Public Registry at <http://www.sararegistry.gc.ca> to determine if species at risk may be in your research area and to apply for a permit if required.

See attached documents.

This licence may be revoked or amended by the Department prior to the expiry date as may be considered necessary by the Department.

Dolph Schluter

Jan 29, 2011

Licence Holder - Print Name

Signature

Date

17 Dec 2010

Issued by: Don Radford, South Coast Area Director
Fisheries and Oceans Canada

Date

Licence Printed: 16 December 2010

Reporting Requirements for Scientific Licence

Every scientific licence is required to report the following information about the specimens that were captured and lethally sampled or kept for an extended period of time. If, shortly after capture, the specimens were returned to the water unharmed then no report is necessary. An electronic report in either Windows Excel or Access shall be provided by the end-date of the scientific licence.

This report shall contain the following information:

- Licence Number and name of licensee
- Date of sampling
- Location (common name)
- Pacific Fishery Management Area (e.g. 14-7) Maps of Areas can be found at: <http://www.pac.dfo-mpo.gc.ca/fm-gp/maps-cartes/areas-secteurs/index-eng.htm>
- Latitude and Longitude of collection site (d° m.sss)
- Scientific name
- Common name
- Number and/or Weight (kilograms)

In addition to the report described above, the scientific licence holder shall provide a description of the disposition of the specimens that were caught.

If your collections were for scientific investigation, answer the following questions:

- What analyses were done on the specimens?
- By whom were the analyses done?
- What were the preliminary results?

If your specimens were collected and sent elsewhere (e.g. universities, research institutions, laboratories), answer the following questions:

- What institution(s) did the specimens go to?
- For what purpose?

For educational or public display purposes, describe how the specimens were handled, what the display consisted of and/or what educational purpose the specimens were used for.

Upon receipt by the Department of any data supplied by the licensee in accordance with conditions of licence, Section 20(1)(b) of the *Access to Information Act* prevents the Department from disclosing to a third party, records containing financial, commercial, scientific or technical information that is confidential information. Further, Section 20(1)(c) of the *Act* prevents the Department from giving out information, the disclosure of which could reasonably be expected to prejudice the competitive position of the scientific licence holder.

If you have any questions, please contact Mike Kattilakoski by phone (250-756-7315) or e-mail (mike.kattilakoski@dfo-mpo.gc.ca).



Fisheries
and Oceans

Pêches
et Océans

Pacific Region
K.M. Kattilakoski
Fisheries and Aquaculture Management
Department of Fisheries and Oceans
3225 Stephenson Point Rd.
Nanaimo

Dear Scientific Licence Holder

Subject: Scientific Licence Holder Responsibilities

Attached is your Licence to Fish for Experimental, Scientific, Educational or Public Display Purposes issued under Section 52 of the Fisheries (General) Regulations.

The following guidelines will ensure that you are in compliance with the Regulations:

- Call the local DFO office prior to collecting samples.
- Keep a copy of the licence with you during collections. If there are multiple collection sites operating, a copy must be with each site.
- A copy of the licence must accompany specimens if they are being transported.
- Conditions of Licence are legal requirements that must be followed by the licence holder. Not following these Conditions is a violation of the Fisheries Act. This includes, but is not limited to:
 - Species limits; may not be exceeded under any circumstance.
 - Area licenced to fish.
 - Allowable gear types.
 - If your licence needs different species limits, or changed in any other way, you must apply for an amended licence prior to collecting any additional specimens.
- You must abide by the attached Reporting Requirements by the date specified as a Condition of Licence. The catch report must include all the details specified in the attachment.

Sincerely yours,

K.M. Kattilakoski
Fisheries and Aquaculture Management

Attachment: Scientific Licence, which may include reporting requirements and Area maps

Canada

DFO District Offices:

Queen Charlotte City - Areas 1, 2, 101, 102, 130, 142 - phone 250-559-4413, fax 559-4678
Prince Rupert - Areas 3, 4, 5, 6, 103 to 106 - phone 250-627-3428, fax 627-3188
Bella Coola - Areas 7 to 10, 107 to 110 - phone 250-799-5345, fax 250-799-5540
Port Hardy - Areas 11, 12, 27, 111, 127 - phone 250-949-6422, fax 949-6755
Campbell River - Area 13 - phone 250-850-5701, fax 286-5852
Nanaimo - Areas 14 to 17, 29-5 - phone 250-754-0235, fax 754-0309
Victoria - Areas 18, 19, 20 - phone 250-363-3252, fax 363-0191
Port Alberni - Areas 21 to 26, 121 to 126 phone 250-720-4440, fax 724-2555
Steveston - Areas 28, 29 - phone 604-664-9250, fax 664-9255

For scientific licences and collections in Areas 1 through 10 and 101 through 110, 130 and 142, contact the North Coast Area Office at (250) 627-3415, fax 627-3497. For scientific licences and collections in Areas 11 through 27, 29-1, 29-2, the western portion of 29-3 and 29-4, 29-5, and 111 through 127, contact the South Coast Area Office at (250) 756-7270, fax 250-756-7162. For scientific licences and collections in Areas 28 Howe Sound, Burrard Inlet, Indian Arm and that portion of 29 adjacent to the Fraser River delta and Boundary Bay, contact the Fraser River Division Office at (604) 666-8266, fax 666-7112.

Management of Contaminated Fisheries Regulation licences are required to authorize the collection of bivalves from PSP (red tide), ASP (domoic acid) and bacterial contamination closure areas. The fee for this licence is \$100, payable to the Receiver General of Canada. In South Coast contact the DFO Parksville office, 457 E. Stanford Ave., Parksville, B.C., V9P 1V7, phone (250) 954-2676, fax (250) 248-6776. In North Coast contact (250) 627-3415, fax 627-3497. In Howe Sound, Burrard Inlet, Fraser River delta and Boundary Bay contact (604) 666-8266, fax 666-7112.

Requests for additional collecting authority for numbers in excess of the limits specified by this licence, for experimental or educational purposes will require further information about the needs for collection and a description of measures that will be taken to prevent depopulation of an area as a result of the collecting activities.