



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.

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**Licence Holder:**

FIN: 114601  
2370-6270 University Boulevard  
Vancouver BC V6T 1Z4

University Of British Columbia Zoology

Contact Number: 604-736-7477  
Fax Number: 604-822-2416

**Contact Party:**

FIN: 121909 Schluter, Dolph

Contact Number: 604-822-2387  
Fax Number: 604-822-2416

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

**Species:** Threespine Stickleback  
**Gear:** Trap, Gee/Minnow  
**Licence Area:** management area 16; management area 23; management area 123  
**To be Retained:** 200 (150 Pender Harbor, 50 Bamfield)  
**Units:** Pieces (dead)

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**Terms and Conditions:**

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.

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 does not allow for collections within Marine Protected Areas (MPAs) designated under section 35 of Canada's Oceans Act. Additional authorization, which may be pursued through the relevant MPA manager, is required for collections within MPAs. For a listing of MPAs and the appropriate contact information, please visit [www.pac.dfo-mpo.gc.ca/oceans/mpa/default\\_e.htm](http://www.pac.dfo-mpo.gc.ca/oceans/mpa/default_e.htm) or call (604) 666-1089.

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](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.

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

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

See attached documents.

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By signing on this document, the person(s) listed below, agree to be bound by the terms and conditions that pertain to each person as an individual and to the group as a whole.

114601

Dolph Schluter

March 11, 2014

FIN

Licence Holder - Print Name

Signature

Date

FEB 26 2014

Issued by: Andrew Thomson, Area Director - South Coast  
Fisheries and Oceans Canada

Date

Licence Printed: 21 February 2014



Fisheries  
and Oceans

Pêches  
et Océans

Pacific Region  
K.M. Kattilakoski  
Fisheries 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 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.
- 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. (Mike) Kattilakoski  
Fish Management Coordinator - Invertebrates

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

Canada

DFO District Office Contact Numbers:

<b>Office</b>	<b>Pacific Fishery Management Area where harvest/research will occur</b>	<b>Phone</b>
<b><u>South Coast Area:</u></b>		
Port Hardy	Areas 11, 12, 27, 111, 127	250-949-6422
Campbell River	Area 13	250-850-5701
Nanaimo	Areas 14 to 17, 29-5	250-754-0235
Victoria	Areas 18, 19, 20	250-363-3252
Port Alberni	Areas 21 to 26, 121 to 126	250-720-4440
<b><u>Fraser River Area:</u></b>		
Steveston	Areas 28, 29	604-664-9250
<b><u>North Coast Area:</u></b>		
Queen Charlotte City	Areas 1, 2, 101, 102, 130, 142	250-559-4413
Prince Rupert	Areas 3, 4, 5, 6, 103 to 106	250-627-3428
Bella Coola	Areas 7 to 10, 107 to 110	250-799-5345

By Condition of Licence, the licence holder must report to the local DFO office prior to harvesting/sampling.

Provide the following information:

- Name on the licence and names of harvesters/samplers
- Licence number
- Dates and times when harvesting/sampling will occur
- Specific location where harvesting/sampling will occur
- Locations of any unattended gear (e.g. crab traps) and how long that gear will remain there.

## **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](mailto:mike.kattilakoski@dfo-mpo.gc.ca)) or Jeff Radford (250-756-7277) or ([Jeffrey.radford@dfo-mpo.gc.ca](mailto:Jeffrey.radford@dfo-mpo.gc.ca))