

2009 RESEARCH LICENCE

This Scientific Licence is issued under the authority of the Fisheries Act, R.S.C. 1985, Chapter F-14.

Licence Number: XR 115 2009

Commence Date: 01 May 2009

Expiry Date: 31 Dec 2009

Purpose: To study the genetic differences of sticklebacks between populations.

Licensee:

DOLPH SCHLUTER

On behalf of UNIVERSITY OF BRITISH COLUMBIA ZOOLOGY

2370-6270 UNIVERSITY BOULEVARD

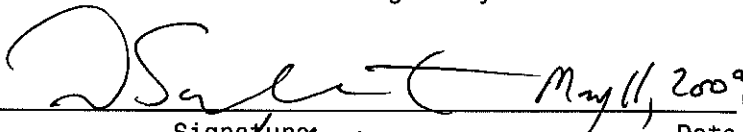
Phone: 604-822-2387

VANCOUVER BC V6T 1Z4

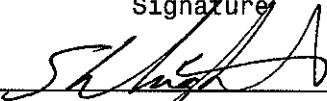
Fax: 604-822-2416

This licence is subject to the terms and conditions that are included herein and/or attached hereto. These conditions are part of the licence and may not be removed. This licence is not valid until read and signed by the licensee.

Licensee:



Signature Date



Steven Wright (Acting), Area Director Date
Fisheries and Oceans Canada, Pacific Region

Species and Catch Limits:

Threespine stickleback *Gasterosteus aculeatus* 200

Collection Methods / Gears:

TRAP, GEE/ MINNOW

Areas:

Areas:

Management Area 16

Pender Harbour

Reporting Requirements:

Within 6 Weeks of Close of Project

This licence was prepared by: Erin Wylie

Dated: 27 Apr 2009

Licence Serial No.: 261151



Terms and Conditions

This licence requires submission of a final report within 6 weeks of close of project. The report detail is to include the dates and locations of collections, the number of each species collected, and the names of all persons and/ or vessels taking part on each date.

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.

SC ELECTRONIC REPORTING

An electronic collection report shall be provided in a Windows Excel or Access format. The report shall include the following table, column or field headings. All information shall be entered for each line of data: date; location (common name); statistical Area-Subarea (ie. 14-7); scientific name; common name; number; weight (in kg. if number is an inappropriate measure of collection quantity). Statistical Area-Subarea maps are available from DFO offices or on the internet at:

http://www.pac.dfo-mpo.gc.ca/ops/fm/Areas/areamap_e.htm

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

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.

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.

