



Federal Authorization Concerning the Movement of Live Fish in British Columbia

Licence Number: 119081

FCBC File #: 14585

Effective Date: Apr 03, 2019

Expiry Date: Dec 31, 2019

Licensee: University of British Columbia

Address: c/o Department of Zoology Aquatic Facility
#4200 - 6270 University Blvd.
Vancouver, British Columbia, V6T 1Z4

Pursuant to Section 56 of the *Fishery (General) Regulations* made under the *Fisheries Act*, permission is hereby granted to the above named to transfer live fish within the Province of British Columbia as described below.

Transfer Details:

| Species | Source | Destination | Authorized Quantity |
|---|--|--|---------------------|
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Murdo-Frazer Park Pond, North Vancouver | University of British Columbia, #4200-6270 University Blvd. | 80 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Morton Lake, Campbell River | University of British Columbia, #4200-6270 University Blvd. | 30 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | West Creek, Langley | University of British Columbia, #4200-6270 University Blvd. | 80 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Mike Lake, Maple Ridge | University of British Columbia, #4200-6270 University Blvd. | 100 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Little Quarry Lake, Nelson Island | University of British Columbia, #4200-6270 University Blvd. | 200 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Lake Stowell, Salt Spring Island | University of British Columbia, #4200-6270 University Blvd. | 100 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Garden Bay Lake, Garden Bay | University of British Columbia, #4200-6270 University Blvd. | 50 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Sproat Lake, Port Alberni | University of British Columbia, #4200-6270 University Blvd. | 100 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Sarita River, Santa Maria Island | University of British Columbia, #4200-6270 University Blvd. | 100 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Paxton Lake, Powell River | University of British Columbia, #4200-6270 University Blvd. | 95 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Enos Lake, Qualicum | University of British Columbia, #4200-6270 University Blvd. | 105 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Emily Lake, Bella Bella | University of British Columbia, #4200-6270 University Blvd. | 64 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Cranby Lake, Texada Island | University of British Columbia, #4200-6270 University Blvd. | 240 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Campbell River, Campbell River | University of British Columbia, #4200-6270 University Blvd. | 360 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Bullocks Lake, Long Harbour | University of British Columbia, #4200-6270 University Blvd. | 200 Adults |
| Threespine Stickleback (<i>Gasterosteus aculeatus</i>) | Brown Lake, Egmont | University of British Columbia, #4200-6270 University Blvd. | 50 Adults |

| Species | Source | Destination | Authorized Quantity |
|--|--------------------------|--|---------------------|
| Threespine Stickleback (Gasterosteus aculeatus) | Black Lake, Bamfield | University of British Columbia, #4200-6270 University Blvd. | 50 Adults |
| Threespine Stickleback (Gasterosteus aculeatus) | Ambrose Lake, Earls Cove | University of British Columbia, #4200-6270 University Blvd. | 50 Adults |
| Threespine Stickleback (Gasterosteus aculeatus) | Klein Lake, Egmont | University of British Columbia, #4200-6270 University Blvd. | 50 Adults |
| Threespine Stickleback (Gasterosteus aculeatus) | Kirk Lake, Powell River | University of British Columbia, #4200-6270 University Blvd. | 150 Adults |
| Threespine Stickleback (Gasterosteus aculeatus) | Trout Lake, Trout Lake | University of British Columbia, #4200-6270 University Blvd. | 50 Adults |
| Threespine Stickleback (Gasterosteus aculeatus) | Paq Creek, Egmont | University of British Columbia, #4200-6270 University Blvd. | 100 Adults |
| Threespine Stickleback (Gasterosteus aculeatus) | Pachena Lake, Bamfield | University of British Columbia, #4200-6270 University Blvd. | 100 Adults |
| Threespine Stickleback (Gasterosteus aculeatus) | Hoggan Lake, Gabriola | University of British Columbia, #4200-6270 University Blvd. | 100 Adults |
| Threespine Stickleback (Gasterosteus aculeatus) | Priest Lake, Ladysmith | University of British Columbia, #4200-6270 University Blvd. | 158 Adults |
| Total: | | | 2,762 Adults |

This licence is issued on behalf of the Minister of Fisheries, Oceans and the Canadian Coast Guard.

Specific Conditions of Licence:

1. All fish transferred under this licence must be destroyed and properly disposed of at the end of the research experiment.

Introductions and Transfer Licence Conditions as per section 22(1) of the *Fishery (General) Regulations*:

1. Precautions and procedures will be taken to prevent introduction of undesirable flora/fauna and spread of diseases/parasites as indicated on application form.
2. This licence must accompany the transfer.
3. Complete and submit a Record of Transfer Form to the Department no later than 30 days after the transfer activity.

This document authorizes the holder to do only the things described above within British Columbia. It does not excuse the holder from any other obligations under any other federal or provincial legislation, whether concerning fish or otherwise.

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Address: c/o Department of Zoology Aquatic Facility
#4200 - 6270 University Blvd.
Vancouver, British Columbia, V6T 1Z4

Pursuant to Section 3 of the *Freshwater Fish Regulation, BC Reg. 261/83* made under the *Wildlife Act*, permission is hereby granted to the above named to transfer live fish within the Province of British Columbia as described below.

Transfer Details:

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| Total: | | | 2,762 Adults |

This licence is issued by a Regional Manager under the Wildlife Act.

Specific Conditions of Licence:

1. All fish transferred under this licence must be destroyed and properly disposed of at the end of the research experiment.

Introductions and Transfer Licence Conditions:

Prior to each transport, the permit holder must notify Vicki Lewis, Fisheries Science Policy Analyst at Vicki.Lewis@gov.bc.ca, with the location and details of transport.

This document authorizes the holder to do only the things described above within British Columbia. It does not excuse the holder from any other obligations under any other federal or provincial legislation, whether concerning fish or otherwise.