



**Federal Authorization Concerning the Movement of Live Fish in British Columbia**

**Licence Number:** 135110 (Amendment 1)    **Original Licence Number:** 134452

**BC ITC #:** 15589 Amendment

**Effective Date:** Jun 22, 2023

**Expiry Date:** Dec 31, 2023

**Licensee:** University of British Columbia

**Address:** c/o Dolph Schluter  
6270 University Boulevard  
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	Life Stage & Genetic Status	Source	Destination	Authorized Qty
Paxton Lake Benthic Threespine Stickleback (Gasterosteus sp.)	Adults Diploid	Paxton Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	40
<b>Total:</b>				40
Paxton Lake Limnetic Threespine Stickleback (Gasterosteus sp.)	Adults Diploid	Paxton Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	30
<b>Total:</b>				30
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Klein Lake, Earl's Cove	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Campbell River, Campbell River	University of British Columbia, 6270 University Blvd.	200
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Cranby Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	West Creek, Lower Mainland	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Black lake, Bamfield	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Little Quarry Island, Nelson Island	University of British Columbia, 6270 University Blvd.	100
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Noons Creek, Port Moody	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Hoggan Lake, Gabriola Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Kirk Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Murdo-Frazer Park pond, West Vancouver	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Second Lake, Campbell River	University of British Columbia, 6270 University Blvd.	100
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Trout Lake, Vernon	University of British Columbia, 6270 University Blvd.	50

Species	Life Stage & Genetic Status	Source	Destination	Authorized Qty
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Lake Stowall, Saltspring Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Mike Lake, Maple Ridge	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Priest Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	100
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Tom Lake, West Redonda Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Oyster Lagoon, Pender Harbour	University of British Columbia, 6270 University Blvd.	1,200
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Lake Weston, Saltspring Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Emily Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	100
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Bullocks Lake, Saltspring Island	University of British Columbia, 6270 University Blvd.	50
Total:				2,500

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

### **Specific Conditions of Licence:**

All fish transferred under this licence must be destroyed 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.**

## Provincial Authorization Concerning the Movement of Live Fish in British Columbia

**Licence Number:** 135110 (Amendment 1)    **Original Licence Number:** 134452

**BC ITC #:** 15589 Amendment

**Effective Date:** Jun 22, 2023

**Expiry Date:** Dec 31, 2023

**Licensee:** University of British Columbia

**Address:** c/o Dolph Schluter  
6270 University Boulevard  
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:

Species	Life Stage & Genetic Status	Source	Destination	Authorized Qty
Paxton Lake Benthic Threespine Stickleback ( <i>Gasterosteus</i> sp.)	Adults Diploid	Paxton Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	40
<b>Total:</b>				40
Paxton Lake Limnetic Threespine Stickleback ( <i>Gasterosteus</i> sp.)	Adults Diploid	Paxton Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	30
<b>Total:</b>				30
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Klein Lake, Earl's Cove	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Campbell River, Campbell River	University of British Columbia, 6270 University Blvd.	200
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Cranby Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	West Creek, Lower Mainland	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Black lake, Bamfield	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Little Quarry Island, Nelson Island	University of British Columbia, 6270 University Blvd.	100
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Noons Creek, Port Moody	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Hoggan Lake, Gabriola Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Kirk Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Murdo-Frazer Park pond, West Vancouver	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Second Lake, Campbell River	University of British Columbia, 6270 University Blvd.	100
Threespine Stickleback ( <i>Gasterosteus aculeatus</i> )	Adults Diploid	Trout Lake, Vernon	University of British Columbia, 6270 University Blvd.	50

Species	Life Stage & Genetic Status	Source	Destination	Authorized Qty
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Lake Stowall, Saltspring Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Mike Lake, Maple Ridge	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Priest Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	100
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Tom Lake, West Redonda Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Oyster Lagoon, Pender Harbour	University of British Columbia, 6270 University Blvd.	1,200
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Lake Weston, Saltspring Island	University of British Columbia, 6270 University Blvd.	50
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Emily Lake, Texeda Island	University of British Columbia, 6270 University Blvd.	100
Threespine Stickleback (Gasterosteus aculeatus)	Adults Diploid	Bullocks Lake, Saltspring Island	University of British Columbia, 6270 University Blvd.	50
Total:				2,500

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

**Specific Conditions of Licence:**

All fish transferred under this licence must be destroyed 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.**