

LAMPREY HUNTERS TUTORIAL

Thank you for participating in the Lamprey Hunters program!

Your data will help to better control the vicious sea lamprey.

To participate, you will need to complete this brief tutorial, register, and be willing to enter data into an online database periodically.

SEA LAMPREYS SUCK!

Sea lampreys invaded the upper Great Lakes in the early twentieth century through shipping canals.

Lampreys attach to fish with a suction cup mouth ringed with sharp teeth.

They bore a hole through the fish and feed on the fish's blood and body fluids.



The average lamprey will destroy 40 pounds of Great Lakes fish.

Fortunately, sea lampreys can be controlled. Lamprey populations have been reduced by 90% in many areas of the Great Lakes, though their populations remain too high in other areas.

Without sea lamprey control, fishery rehabilitation and stocking would be futile. They can and must be stopped.

INFORMATION IS CRITICAL!

More information is needed on sea lampreys including data about where they are, and in what numbers. Data are also needed on the number of lampreys attached to fish and number of lamprey scars.

Sea lamprey control officials use this information to determine how well the control program is working and to better understand where sea lampreys are in the lake.

Sea lamprey control officials and fishery management agencies carry out assessments of sea lamprey numbers and wounding rates throughout the Great Lakes basin. Your observations will add valuable information to these surveys. With all this information, sea lamprey control can be better targeted.

At the end of the year, your information will be combined with observations of other fishers and analyzed to help understand where sea lampreys are most abundant.

FISHERS CAN HELP! HOW?

Involve Great Lakes sport and commercial fishers to increase the amount of sea lamprey data. On each trip, fishers can record some basic information:

- ☑ Number of hours fished
- ☑ Number of anglers
- ☑ Number of each species of fish caught
- ☑ Number of each species without sea lamprey wounds
- ☑ Number of lampreys attached to each species
- ☑ Number of healed and fresh sea lamprey wounds

RECORDING USEFUL DATA

- Keeping good records is easy and essential.
- Forms for on-board record-keeping are available through this website (“forms and instructions”).
- Entering data into the online database is also easy.
- Please record every trip taken, even if you catch only a few fish.
- Examine every fish on both sides and record number of attached lampreys and number of fresh and healed wounds, if any. **Also record information even if the fish has no wounds.**
- Do not alter your fishing practices to accommodate this program.

DEFINITIONS

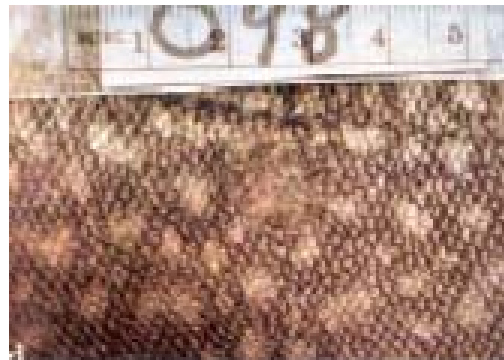
- Catch – this means all caught fish even those that are landed in the boat and released.
- Attached lampreys – the lamprey must be attached to the fish after it is brought in the boat.
- Fresh wound
 - Definite opening through skin into muscle
 - Skin rough to touch and white, no healing
 - Scales missing, scale pockets easily observed

Fresh wounds



- Healed wound
 - No exposed muscle
 - Skin completely healed and re-pigmented
 - Completely healed mark
 - Regenerated scales

Healed wounds



PROCEDURES

Record daily trip information using the daily log, tally log individual or tally log summary forms. Forms are available for download through the lamprey hunters website (www.glfcc.org/lampreyhunters).

Again, it is very important to enter data about fish caught, even if there are no sea lamprey attached or wounds.

ON-BOARD BOAT TALLY SHEET

Boat Tally Sheet

Date _____
 Hours fished _____
 Number of anglers _____

Type of Fish	No wounds	# Lampreys less than 8"	# Lampreys greater than 8"	Fresh wounds	Healed wounds
1. _____					
2. _____					
3. _____					
4. _____					
5. _____					
6. _____					
7. ...					
8. ...					
9. ...					
10. _____					
11. _____					
12. _____					
13. _____					
14. _____					
15. _____					
16. _____					
17. _____					
18. ...					
19. ...					
20. _____					

MULTI-TRIP DATA LOG

LAMPREY HUNTER PROGRAM
 enter online at <http://www.glfcc.org/lampreyhunters>

Date	Boat	Angler	Trip	Angling method and effort	LAKE TROUT		CHINOOK SALMON		COHO SALMON		RAINBOW TROUT		BROWN TROUT		OTHER SPECIES				
					Caught (number)	# lampreys less than 8"	Caught (number)	# lampreys greater than 8"	Caught (number)	# lampreys less than 8"	Caught (number)	# lampreys greater than 8"	Caught (number)	# lampreys less than 8"	Caught (number)	# lampreys greater than 8"	Species	Caught (number)	# lampreys less than 8"
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
13																			
14																			
15																			
16																			
17																			
18																			
19																			
20																			
TOTAL																			

Name: _____ Please Fill out and Mail or E-Mail By the 7th of the following Month

Phone: _____ TO: Todd Pollesch 10301 West Juniper Street Milwaukee WI 53224 E-Mail: lampreyhunter@yahoo.com

ENTERING DATA

Enter the data from the data form into the online database in the fields provided.

Online database: www.glfcc.org/lampreyhunters, then select “submit your data.”

Data can be entered after each trip or tallied for several trips during a two-week period (maximum).

The online form will look like this:

The screenshot shows a web browser window titled "See Lamprey Hunter database Entry Form - Mozilla Firefox". The address bar shows the URL "http://www.glfcc.org/lampreyhunter/entry.php". The form is divided into two main sections:

Fishing Method

- Angling Non Charter
 - Hours fishing: [input type="text"]
 - Number anglers: [input type="text"]
- Angling Charter
 - Hours fishing: [input type="text"]
 - Number anglers: [input type="text"]
- Commercial Fishing
 - Gill net: [input type="checkbox"/> Feet lifted: [input type="text"]
 - Trap net: [input type="checkbox"/> Nets lifted: [input type="text"]

Total Catch(record both pounds and number of fish)

	Pounds	Fish
Lake trout	[input type="text"]	[input type="text"]
Chinook salmon	[input type="text"]	[input type="text"]
Coho salmon	[input type="text"]	[input type="text"]
Rainbow trout	[input type="text"]	[input type="text"]
Brown trout	[input type="text"]	[input type="text"]
Walleye	[input type="text"]	[input type="text"]
Whitefish	[input type="text"]	[input type="text"]
Herring	[input type="text"]	[input type="text"]
Chub	[input type="text"]	[input type="text"]
Other species: (please specify species name in the first box)	[input type="text"]	[input type="text"]
[input type="text"]	[input type="text"]	[input type="text"]
[input type="text"]	[input type="text"]	[input type="text"]
[input type="text"]	[input type="text"]	[input type="text"]
[input type="text"]	[input type="text"]	[input type="text"]

THANK YOU!

- Again, thank you for participating in the Lamprey Hunters program.
- After registering, you will receive a password by email. You may change your password if you wish by logging out and choosing “change your password” on the login screen.
- Happy fishing!