How to Conduct Mark/Recapture Survey on Minnows

1. Fill inside pocket of Promar collapsible minnow traps with bait (dog/catfood is effective)

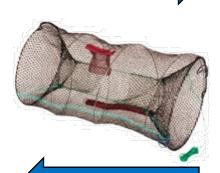
4. Place fish in bucket of water, noting how many fish were in each trap and recording the data.

5. Use a ruler to measure each fish with either standard, fork, or total length (be consistent with your measurement type).

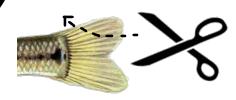
8. Refill bait on each trap and reset them in original areas.

9. The next day, repeat steps 3 through 5.

*This is not the only way to conduct a Mark/Recapture survey of minnows. This is merely an instructional example.



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11. Analyze data to determine approximate population size and distribution.

2. Lay the traps, and tie them to a secure surface. Leave them overnight.

3. The next day, return and remove fish by unzipping side opposite of bait pouch to put your hand through.

6. Using scissors snip off a piece from the ventral side of the caudal fin to mark the captured fish.

7. Release the fish back into the area from which they were captured.

10. Record how many fish have already been marked and be sure to clip the fins of unmarked fish.