

AQS106
Introduction to Aquatic
Sciences

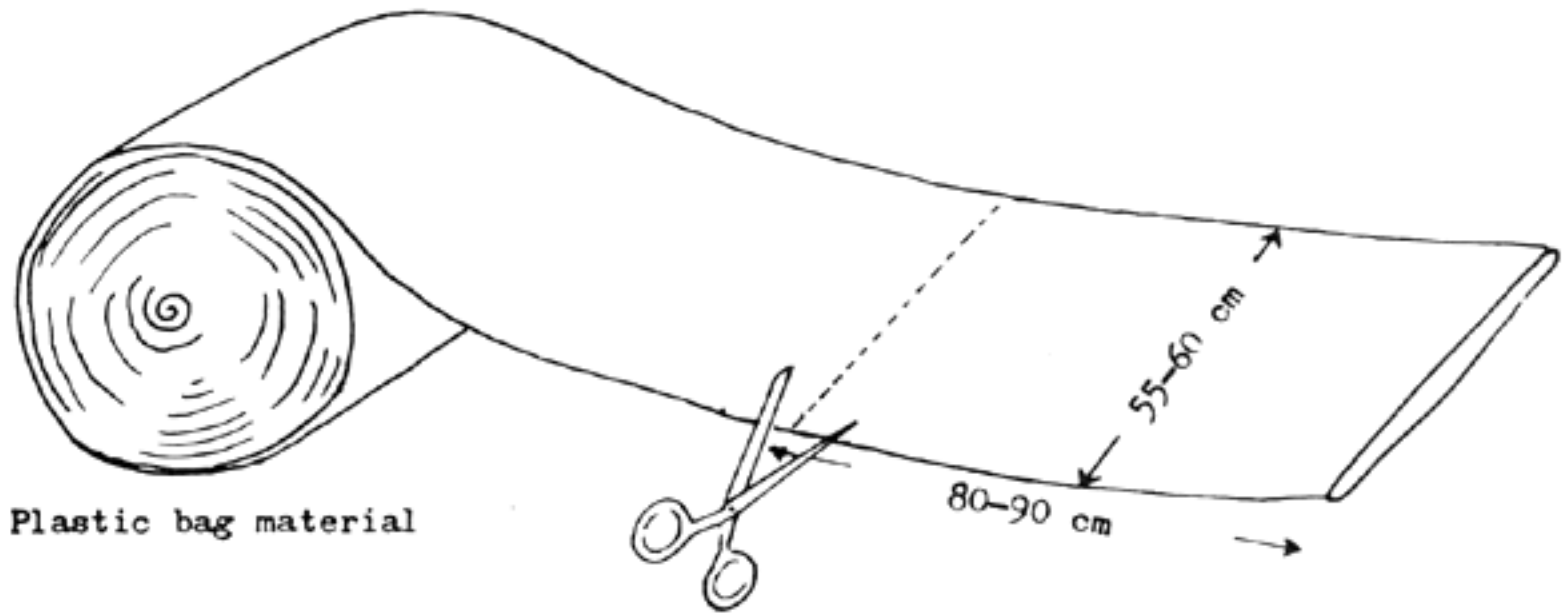
Dr. F. Sertel SEÇER

Weekly topics

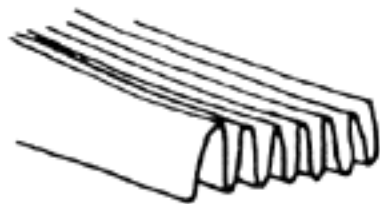
1. Week Aquaculture in Turkey and world
2. Week The role of Aquatic Sciences in Human Life and Consumption
3. Week What is Fish? Taxonomy of Fish
4. Week Water Quality for aquaculture
5. Week Live foods (microalgae, zooplankton, Artemia)
- 6. Week Fish transport**
7. Week Aquatic crustaceans
8. Week Introduction to Marine Fish
9. Week Introduction to Freshwater Fish
10. Week Introduction to Fish Diseases
11. Week Introduction to Fishing Techniques
12. Week Aquaculture Production Systems – Aquaponics & RAS
13. Week Introduction to Freshwater Aquarium Systems
14. Week Introduction to Marine Aquarium Systems

6. Week
Fish transport

- What is fish transport?
- How can we transport fish?
- How can we transport other aquatic organism?



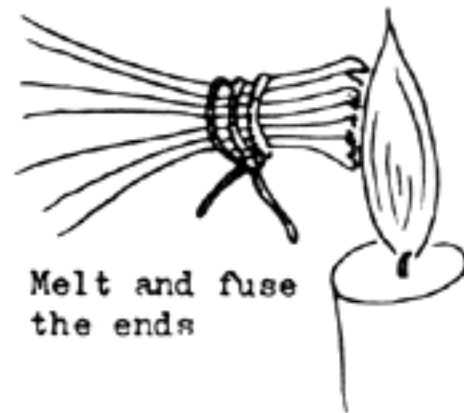
Plastic bag material



Fold



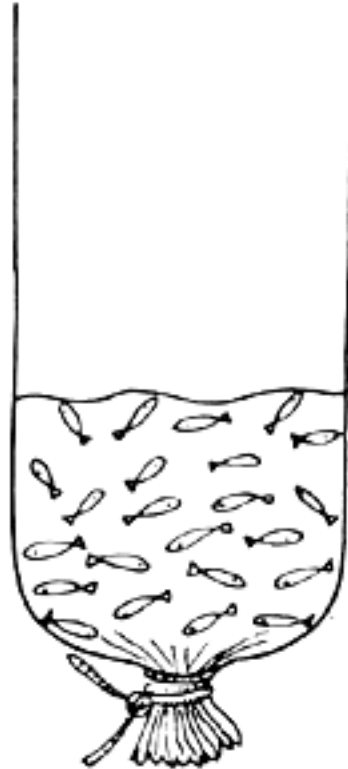
Tie



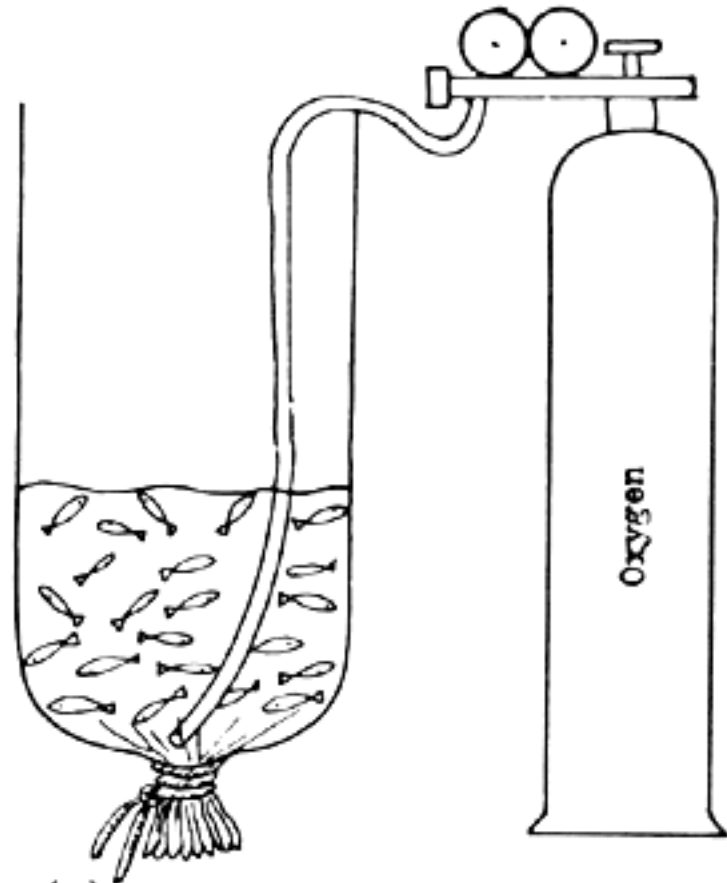
Melt and fuse
the ends



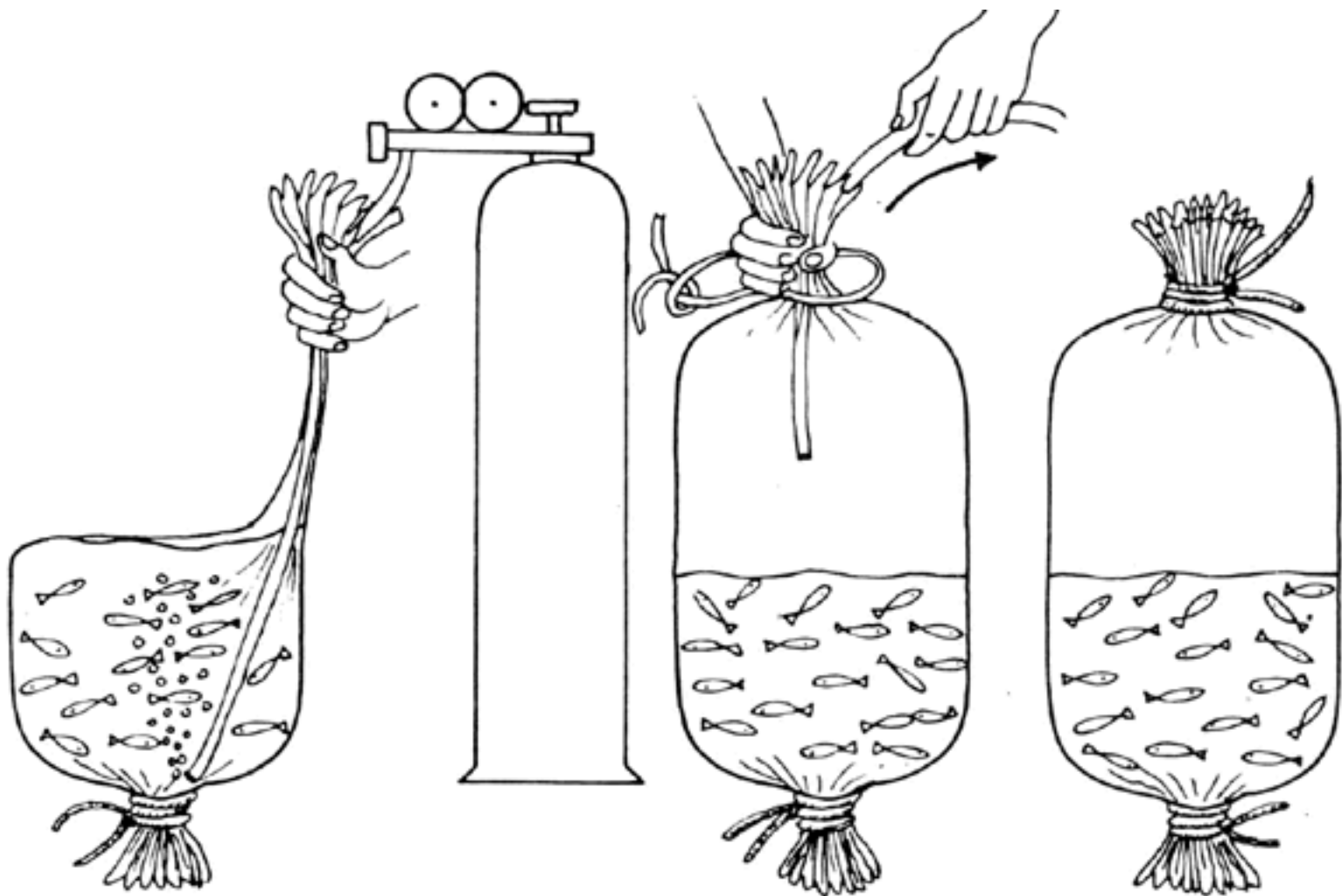
(1) 5-6 l of clean water



(2) Put recommended number of young fish



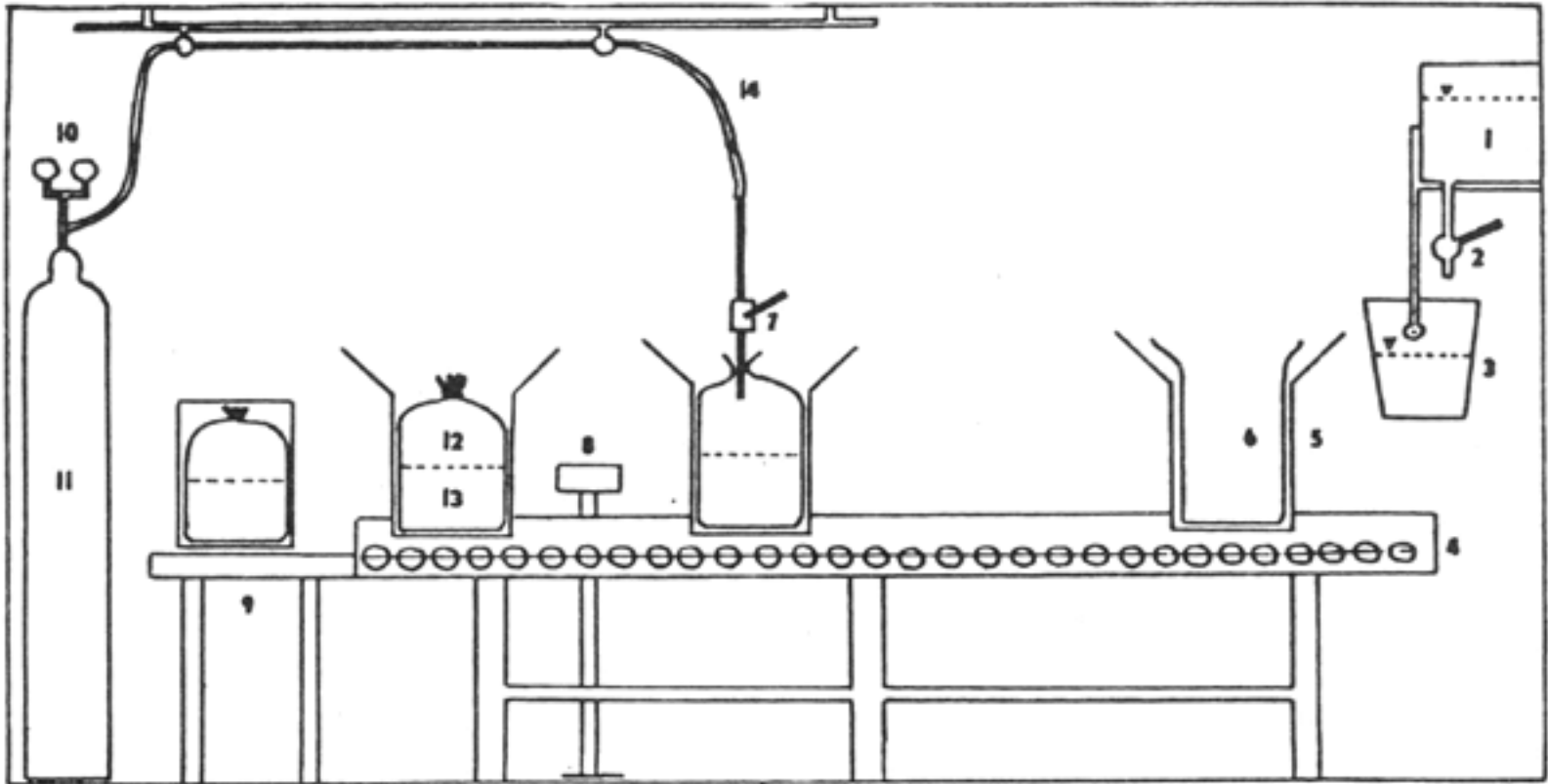
(3) Hold oxygen pipe at the bottom

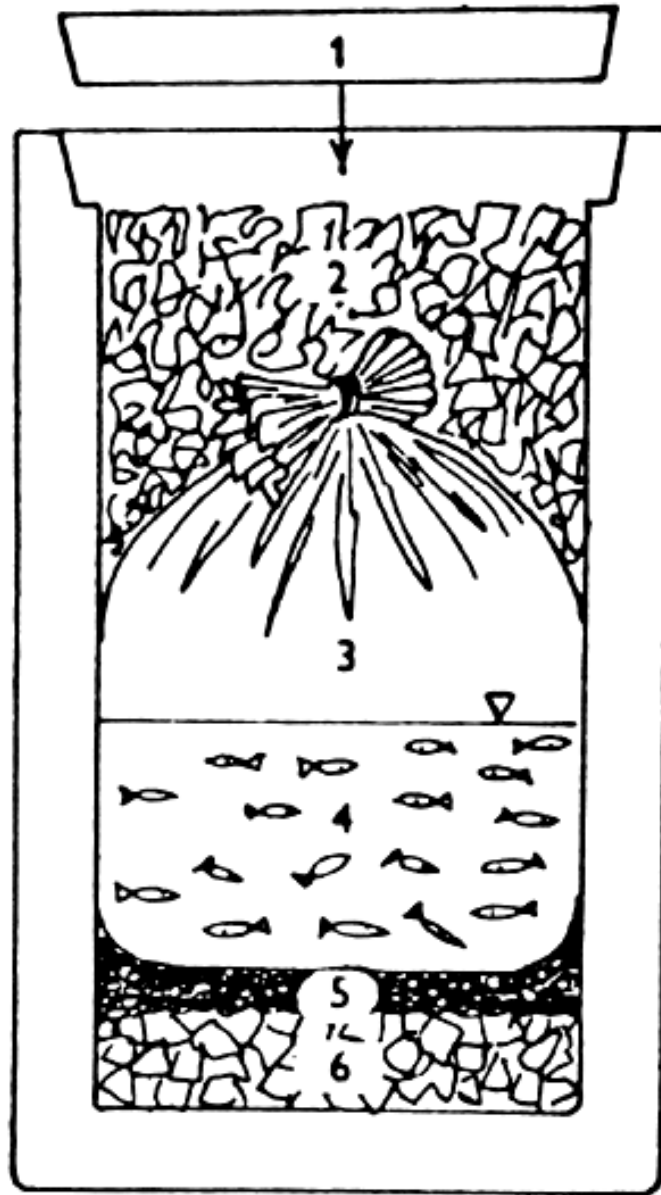


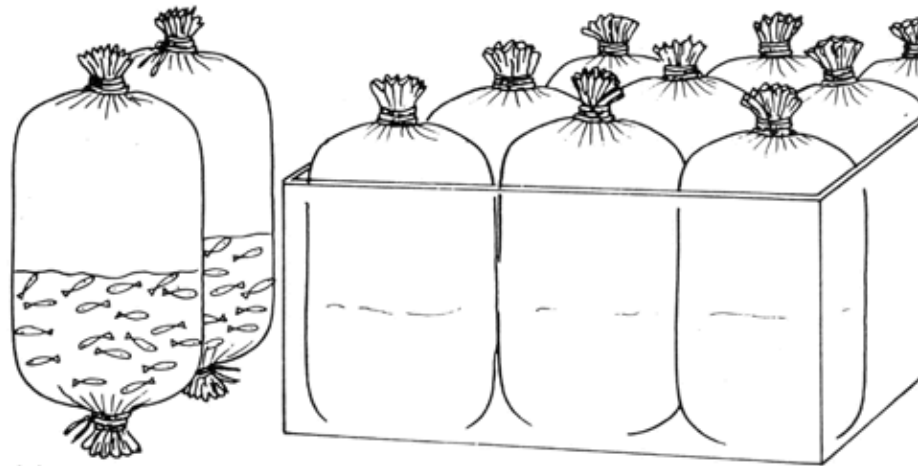
(4) Press out air from inside and bubble oxygen through the water

(5) Blow extra oxygen to inflate the bag, remove the pipe and tie the bag tightly

(6) Bag ready to be transported

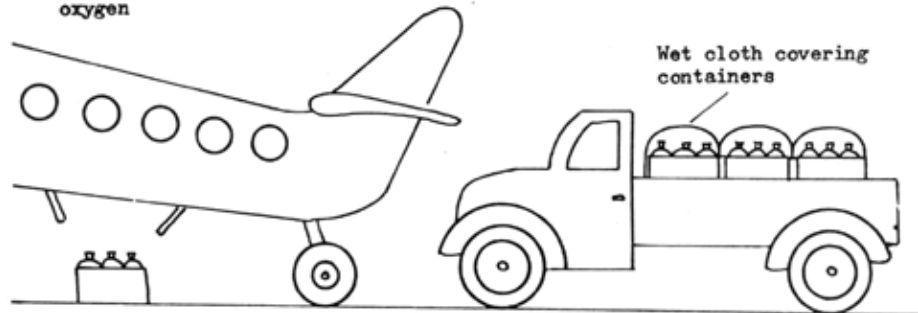






(A) Young fish in water supersaturated with oxygen

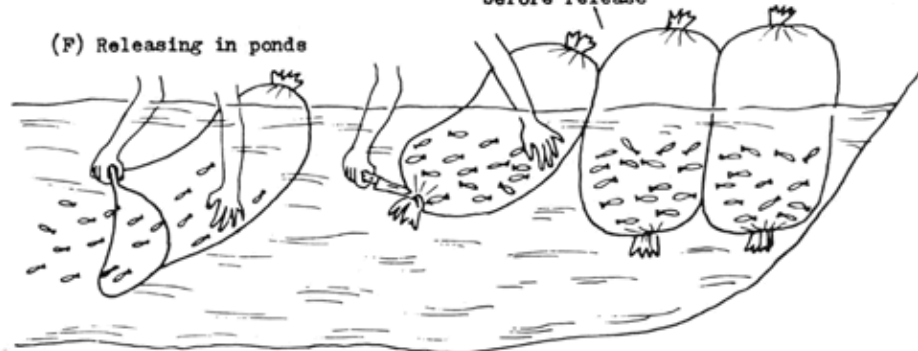
(B) Packed in cartons



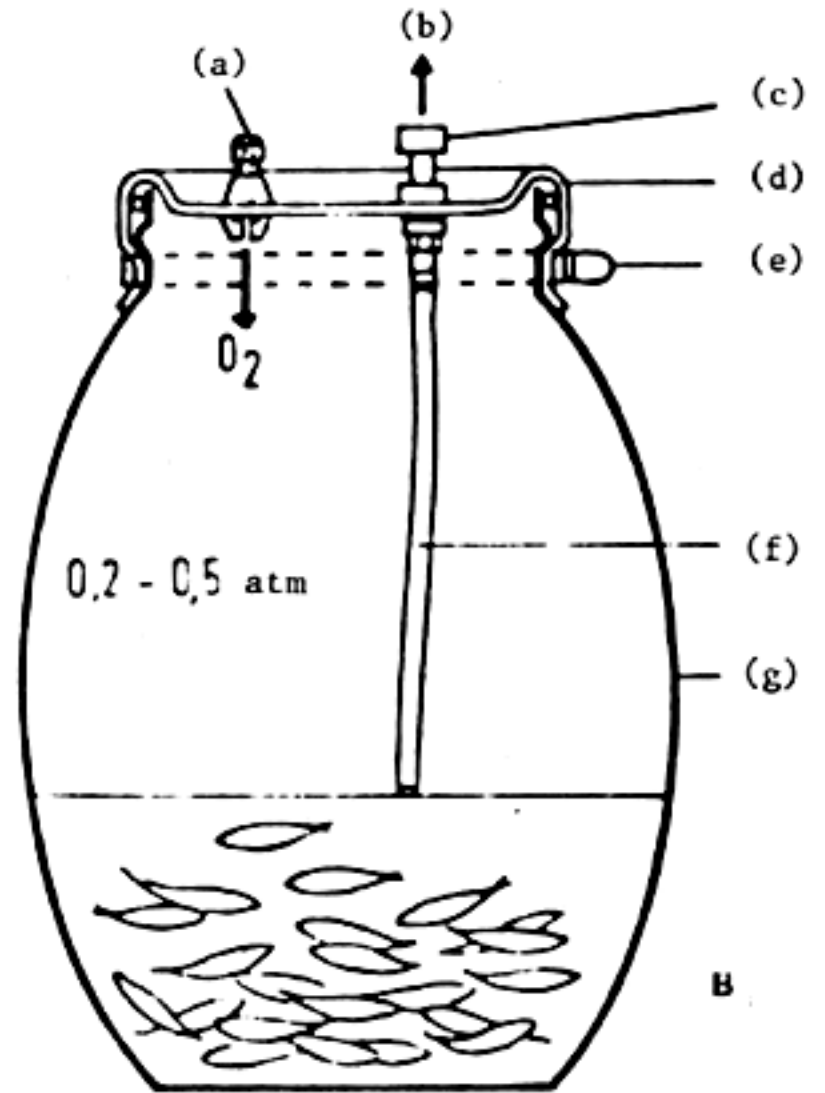
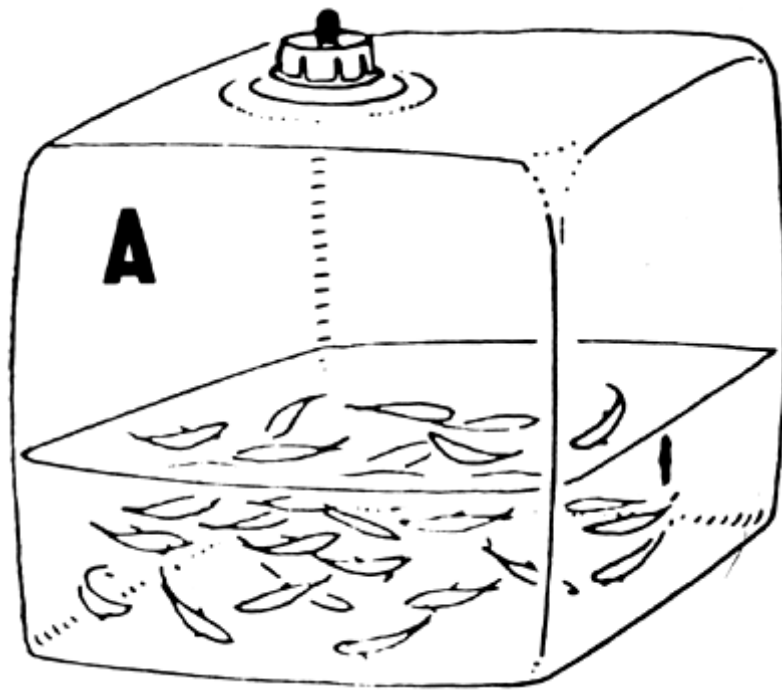
(C) By plane

(D) By truck

(E) Equalizing temperature before release



(F) Releasing in ponds





http://www.aquaneering.eu/stainless_steel_fish_transport_tanks.php



<https://www.youtube.com/watch?v=hhrPvjWr7qI>