

## Accessory Respiratory organ in fish

The accessory structures which help in respiration are called accessory respiratory organs. The development of such structure is essentially adaptive in nature.

Several type of accessory respiratory organs have been evolved in different species of fishes. Some of which are as follows:

- 1) Skin or Integument
- 2) External Gills.
- 3) Buccopharyngeal Epithelium
- 4) Labyrinthine form organ.
- 5) Pharyngeal lung.
- 6) Opercular chamber, modified and adapted for aerial respiration
- 7) Opercular lungs as accessory respiratory organ.
- 8) Air bladder modified as an accessory respiratory organ.
- 9) A special part of alimentary canal involved and modified as an accessory respiratory organ.
- 10) Oral papilla as accessory respiratory organ.