

ZYGOBRANCHIATE

Meaning: Zygobranchiate refers to a structural adaptation in certain aquatic organisms, particularly fish, that facilitates efficient oxygen extraction from water through specialized gill arrangements.

1. The zygobranchiate structure of the species allows it to efficiently extract oxygen from water.
2. In studying the anatomy of aquatic organisms, researchers focused on the unique zygobranchiate features of certain fish.
3. Zygobranchiate gills are often a key adaptation for survival in low-oxygen environments.
4. The evolutionary significance of zygobranchiate respiratory systems has intrigued biologists for decades.
5. Observations of zygobranchiate organisms can provide insights into the evolution of respiratory adaptations in aquatic life.

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