

Ornamental fishes

3. WEEK: BIOLOGY OF ORNAMENTAL FISH (FRESHWATER, BRACKISH-WATER AND MARINE) SPECIES

WEEKLY TOPICS (CONTENT)

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| 1. Week | Ornamental fishes: General information |
| 2. Week | Information on commercially valuable ornamental fish species |
| 3. Week | Biology of ornamental fish (freshwater, brackish-water and marine, species. |
| 4. Week | Popular ornamental fish species for culture. |
| 5. Week | Candidate ornamental fish species for culture. |
| 6. Week | Culture environment. |
| 7. Week | Physical, chemical and biological requirements of Ornamental fish |
| 8. Week | Freshwater ornamental fish keeping |
| 9. Week | Brackishwater fish species keeping. |
| 10. Week | Marine ornamental fish keeping. |
| 11. Week | Feeding, reproduction, larva and fry rearing for freshwater ornamental fishes. |
| 12. Week | Feeding, reproduction, larva and fry rearing for Brackshwater ornamental fishes. |
| 13. Week | Feeding, reproduction, larva and fry rearing for marine ornamental fishes. |
| 14. Week | Ornamental fish welfare and sustainable culture practices. |

Biology of Fishes

Anatomy

External Anatomy:

Body shape

Integumentary system

scales,

fins,

mouth

Biology of Fishes

Anatomy

Internal Anatomy:

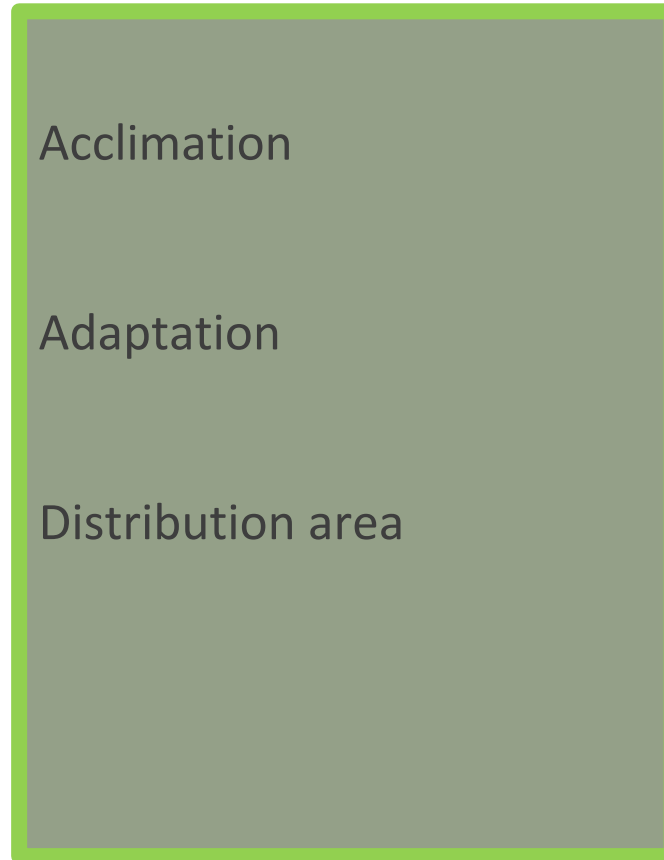
Skeletal system,
muscle system,
respiratory system,
circulatory system,

Biology of Fishes

Anatomy

Internal Anatomy:

gastrointestinal system,
reproduction system,
nervus system



Life stages

Environmental preferences

Environmental tolerances

Acclimation

Adaptation

Distribution area

Reproduction

Ovaries

Testis

Ovulation, oogenesis

Spermatogenesis

Fertilization

Incubation

Hatching

Larval rearing

References

FishBase, May 2018 update.