

Ornamental fishes

5. WEEK: CANDIDATE ORNAMENTAL FISH SPECIES FOR CULTURE

WEEKLY TOPICS (CONTENT)

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.

Candidate or alternative ornamental fish species for culture have been evaluated by the hobbyist demands (market consumer questionnaire).

Aquaculture

New species source and search

Learn biology

Environmental requirements

Reproduction practices

Aquaculture

Poecilidae members

Poecilid varieties development

Monosex poecilid production

Hormonal and selective applications

New species source and search

Variety

Natural originates

Laboratory varieties

Selective breeding

Learn biology

Life cycle

Diet composition

Acclimate and adaptation status

Reproductive performance and reproduction time

Fertilization

Incubation

Larval rearing



Environmental requirements

Water quality criteria

Physical

Chemical

Biological

References

Boyd, C. E. (1982). Water quality management for pond fish culture. Elsevier Scientific Publishing Co..

Hunter, G. A., & Donaldson, E. M. (1983). 5 Hormonal Sex Control and its Application to Fish Culture. In Fish physiology (Vol. 9, pp. 223-303). Academic Press.