

# AQUARIUM WORLD

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9. WEEK: SPECIES SELECTION

# WEEKLY TOPICS (CONTENT)

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- 1. Week Why there is an interest on aquarium? Introduction and motivation
- 2. Week Aquarium world: To be a fish
- 3. Week Aquarium world: Biodiversity
- 4. Week Popular aquarium invertebrates
- 5. Week Popular aquarium fishes: Freshwater and brackish-water species
- 6. Week Popular aquarium fish: Marine species
- 7. Week Public aquariums: Aquarium world
- 8. Week Personal hobby aquarium: Aquarium world.
- 9. Week Species selection
- 10. Week World aquarium sector
- 11. Week Cleaning an aquarium, main principles
- 12. Week Education: Aquarium world
- 13. Week General evaluation and discussion: About species exhibited in public aquariums
- 14. Week How to keep an aquarium fish healthy

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An aquarium is an artificial enclosure filled with water used to serve as a habitat for fish or other marine organisms.

Aquariums range in size from small household aquariums meant for a few and small fish to huge ones that can hold millions of gallons of water and host animals as big as the whale.

It is believed that aquariums were initially built by prehistoric man for the purpose of storing his fish after catching.

However, the 18th century brought with it entrepreneurs who established some of the most famous aquariums in the world for both scientific research and entertainment purposes.

<https://www.worldatlas.com/articles/oldest-aquariums-in-the-united-states.html>

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## Choosing Fish for the Aquarium

Can freshwater fish live in a saltwater aquarium?

How many fish can I put in my saltwater aquarium?

How long do saltwater fish live?

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## Choosing Fish for the Aquarium

Do fish sleep when the lights are off?

Does buying saltwater fish harm the environment?

What is aquaculture?

What types of fish are easy to keep in a saltwater aquarium?

What types of fish should I avoid?

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## Choosing Fish for the Aquarium

When buying a fish, how do I select a healthy specimen?

How should I acclimate the fish before adding it to the aquarium?

Can I put sharks in my aquarium?

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## Choosing Invertebrates for the Aquarium

What types of invertebrates are easy to keep in a saltwater aquarium?

What precautions need to be taken when keeping invertebrates in an aquarium?

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## Choosing Invertebrates for the Aquarium

Can I keep an anemone for my clownfish?

What types of invertebrates should I avoid?

Can I have an octopus in my aquarium?

I thought my shrimp/crab was dead, but I just saw it again. What happened?



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## Choosing Corals for the Aquarium

Are corals difficult to keep in an aquarium?

What types of corals are available for a coral reef aquarium?

Does coral for the aquarium harm the environment?

# References

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Brain, M. 2008. The Science Book: Everything You Need to Know About the World and How It Works. National Geographic Society, 432 pages.