

Name: _____ Date: _____



Deep-sea hydrothermal vent tube worm

Riftia pachyptila

The deep-sea hydrothermal vent tube worm, *Riftia pachyptila*, is a remarkable invertebrate found near hydrothermal vents on the ocean floor at depths exceeding 2,000 meters. These worms can grow up to...

Quick facts

Classification: Invertebrate

Family: Siboglinidae

Habitat: Deep-sea hydrothermal vents

Diet: Chemosynthetic symbiont-dependent

Conservation status: Least Concern

Lifespan: 2-5 years

Weight: Up to 1.6 kg

Scientific name: *Riftia pachyptila*

Did you know?

- Tube worms can survive in total darkness at temperatures near freezing, except for the immediate vicinity of the vent where water can exceed 350°C, t...
- Deep-sea hydrothermal vent tube worms have no mouth, gut, or anus, relying entirely on internal symbiotic bacteria for nutrition. Their tube-like str...

What I learned
