

Stenothoe lowryi

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Stenothoe lowryi



Stenothoe lowryi Latest News

For the first time, a rare marine amphipod, a shrimp-like species, named *Stenothoe lowryi* was found in Indian water at Arjyapalli in Ganjam district by marine science researchers of Berhampur University.

About *Stenothoe lowryi*

- It is a **rare marine amphipod**.
- This shrimp-like crustacean, **previously known only from Malaysian shores**, was **detected** for the **first time in India** during a targeted survey at **Aryjapalli Beach in Odisha's Ganjam district**.
- It belongs to the **family Stenothoidae** within the **order Amphipoda**.
- It stands out with its approximate 5.5 mm body size, prominent **large claws** (gnathopods), and **affinity for rocky intertidal habitats**.
- These **claws** likely **aid in gripping substrates and prey**, facilitating their **scavenging lifestyle**.
- It is distinguished by unique morphological traits such as specific antennal structures and pereopod (walking leg) configurations.

- Although little is currently known about its ecological role, it is believed to contribute significantly to the marine food web.

What are Amphipods?

- They are a type of **small crustacean**.
- They are members of the **invertebrate order Amphipoda, inhabiting all parts of the sea, lakes, rivers, sand beaches, caves, and moist (warm) habitats on many tropical islands.**
- They are **related to crabs, lobsters, and shrimp.**
- The name '**amphipoda**' means "**different-footed.**"
 - This is because they have many **different kinds of legs.**
 - Unlike some other crustaceans, their **legs are not all the same.**
- There are over **7,000 known species** of amphipods. Most of them belong to a group called Gammaridea.
- Amphipods can be very tiny, about 0.1 centimeters (0.04 inches) long. But some can grow quite large, up to 34 centimeters (13 inches).
- They typically have an **elongated body with a distinct head**, a pereon (thorax) of 7 segments, and a six-segmented pleon (abdomen).
- Most amphipods **eat tiny bits of dead plants and animals. Some are also scavengers**, eating what they find.

Source: TOI

Source: <https://vajiramandravi.com/current-affairs/stenothoe-lowryi/>

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