



Demaorchestia alanensis

Researchers at Berhampur University, Odisha, have unveiled a new species of marine amphipod, named **Demaorchestia alanensis**, in Chilika Lake, contributing to **global [marine biodiversity](#)**.

- The discovery increases the global species count in the ***Demaorchestia (Senticaudata, Talitridae)* genus to six**, showcasing the region's marine diversity.
- The new species is characterized by its white colour, measuring less than 15 millimetres in length, with 13 pairs of legs serving various functions.
- It can be recognized from other similar species by having **two to three hair-like structures** on the front edge of the gnathopod's propodus(Limb).
- It belongs to the subfamily **Platorchestiinae** found along the Indian coast.
- Amphipods act as indicators for climate change impact and coastal ecosystem health.
- The family Talitridae was considered one of the **oldest groups of amphipods**, and it was believed to have been on the planet since the Jurassic age.

