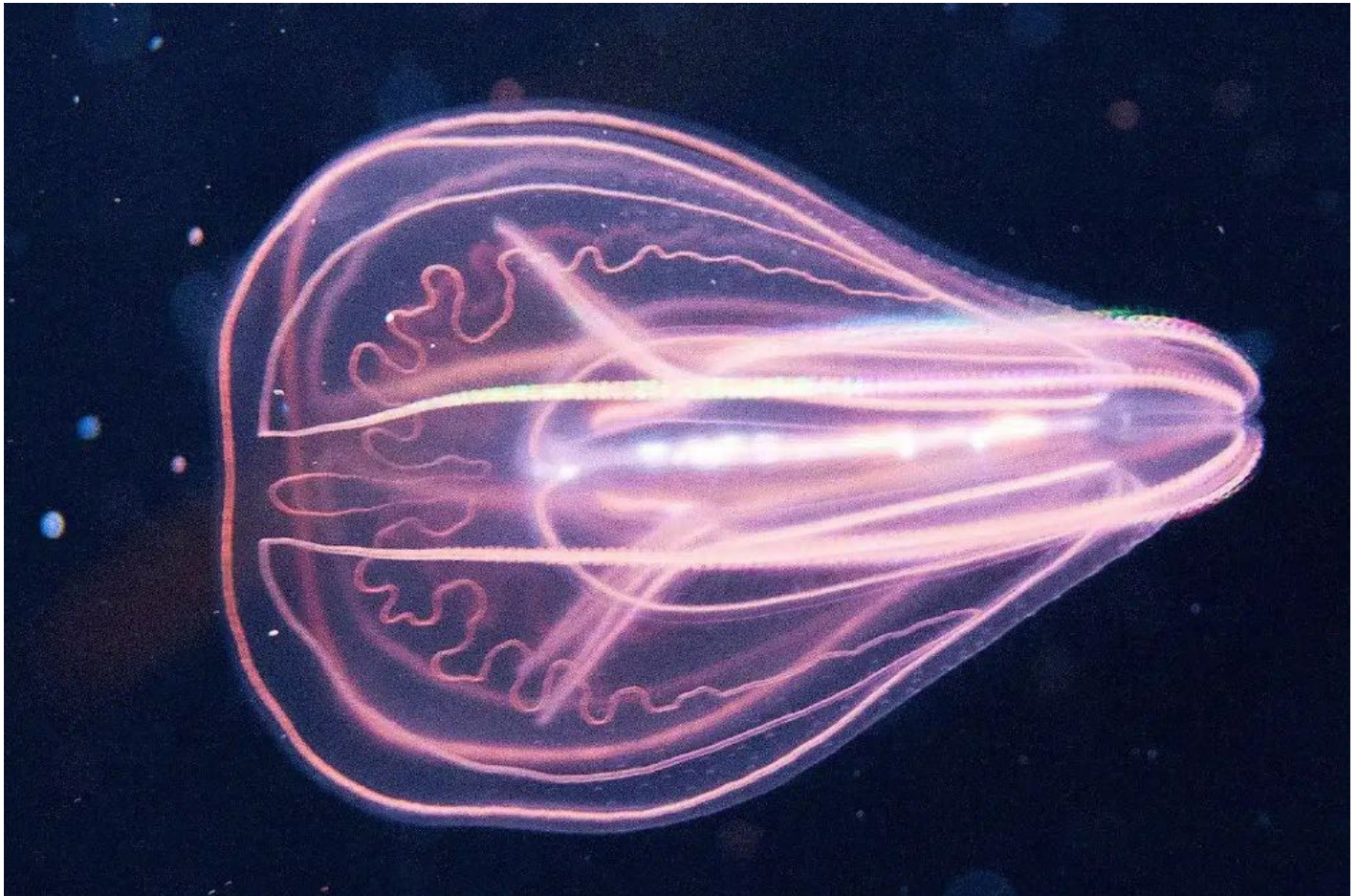


What is Comb Jelly?

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About Comb Jellies:

- They are **transparent, gelatinous invertebrates** that **drift through the waters of our global ocean**.
- They are **one of the oldest multicellular phyla in the animal kingdom**, probably existing already more than 500 million years.
- There are between **100 and 150 known species** of comb jellies, the best known of which are found close to shore.
- **Description:**
 - They are **colorful, simple invertebrates** that are part of the **family Ctenophora**.
 - Each species varies in length, but the **average size** of a comb jelly is **about four inches long**.
 - Comb jellies get **their name from their eight rows of plates made of fused cilia**(little hairs) that they **use to move** through the water, which **look like combs**.
 - They are the **largest animals known to use cilia for locomotion**.

- They have **two large, trailing tentacles** that branch out to create the appearance of a net-like structure of many tentacles.
 - These organs **serve as sticky fishing lines**, which they **use to trap and move prey** to their bodies.
 - These animals have two major cell layers, the external epidermis and internal gastrodermis; in between these cell layers is the **mesoderm** that is what **gives the animals their gelatinous appearance**.
 - **Many species are bioluminescent**, meaning they can use proteins in their bodies to create an ethereal blue or green glow in response to stimuli like touch.
 - Comb jellies are **carnivorous and opportunistic**, feeding on whatever passes them by.
 - **Unlike their close relative, the jellyfish**, comb jellies **do not have stinging tentacles** and are **harmless to humans**.
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Q1: What are marine invertebrates?

Marine invertebrates comprise many groups of different organisms and occur from the sea surface to the seafloor and into the substrate. They represent the vast majority of marine biodiversity and include, for example, sponges, corals, bluebottles, worms, shells, sea urchins, starfish, crustaceans, sea cucumbers and nudibranchs.

News: [Researchers discover new species of marine creatures that can age in reverse](#)

Source: <https://vajiramandravi.com/current-affairs/what-is-comb-jelly/>

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