

Cyttopsis indica

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Cyttopsis indica



Cyttopsis indica Latest News

The Central Marine Fisheries Research Institute (CMFRI) in Kochi in Kerala recently discovered a new deep-sea fish named *Cyttopsis indica* from the Arabian Sea off southern Kerala.

About *Cyttopsis indica*

- It is a new species of **deep-sea fish**.
- It was discovered from the **Arabian Sea off southern Kerala**, at a **depth of nearly 350 to 500 metres** below sea level.
- It belongs to the **genus Cyttopsis**, a primitive **group of marine fishes** commonly known as “**dories**.”
- *Cyttopsis indica* has been given the **common name Indian Dory**.
- Previously, it was believed that the fish belonging to this genus in the Indian Ocean were of the species *Zenopsis Conchifer* or related Atlantic variations like *Zenopsis Stabilis*.
- However, detailed genetic analysis and close evaluation of morphological differences proved that the Indian Dory possesses a **distinct genetic structure** entirely **separate from its Atlantic and other known**

counterparts.

- It can **survive under immense pressure** by **storing high levels of waxy compounds** in their bodies, making some of them **unsuitable for direct human consumption**.

Key Facts about Central Marine Fisheries Research Institute

- It was **established** by the **Government of India** on February 3rd **1947** under the **Ministry of Agriculture and Farmers Welfare**.
- It later **became** a **member of the Indian Council of Agricultural Research (ICAR) family** in 1967.
- The **headquarters** was shifted from Mandapam Camp in Tamil Nadu to **Kochi in Kerala** in 1971.
- Over the years CMFRI has emerged as a **leading tropical marine fisheries research institute in the world**.
- **Mandate:**
 - To **monitor** the **exploitation** and **assess the under-exploitation of the marine fisheries resources** of the **Exclusive Economic Zone (EEZ)**.
 - To **understand** the **fluctuations in abundance of marine fisheries resources** in relation to change in the environment.
 - To **develop suitable mariculture technologies for finfish, shellfish** and other **culturable organisms in open seas** to supplement capture fishery production.
 - To act as a **repository of information** on marine fishery resources with a systematic database.
 - To conduct **transfer of technology, post graduate and specialized training**, education and extension education programmes.
 - To provide **consultancy services**.

News: **TH**

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