

On the Presence of 08-

2023, PreQC No: jfp-23-122006 (PQ), 18-Dec-2023, QC No:

25-Dec-2023, Manuscript No: jfp-23-122006 3-122006.

30-Dec-2023, DOI: 10.4172/2332-2608.1000481

Badreddine A, Khatib L, Lakkis S, Aguilar R (2023) On the Presence of Short Communication Soft Coral Dendronephthayausps in the herebanese divaters of so corals found in the tropical and intricate branching structure with polyps that extend from the Mediterranean See of Lebanese waters is similar to those described from other Levantine on Indigenous Three Soft Coral Dendronephthayausps in the herebanese divaters of colors and intricate branching structure with polyps that extend from the Red of the Mediterranean Company of the Medit

al author and but the conserved and photographed by Lebanese professional divers (LK, and SL) during a marine biodiversity survey at a depth ranging between 34 and 40 m o a rocky bottom at 2.5 km o shore Byblos coast, north Lebanon (Figure 1). A er the divers shared the photos and videos with

the authors (AB and RA), it became clear that it is the new NIS three so coral of the genus Dendronephthya (Figure 2A). Accordingly, the diving team monitored the species at the same spot, and some samples were collected and preserved in the Institute of the Marine Protected Area of Tyre Coast Nature Reserve (TCNR), with code LEBSPI19.

Based on the monitoring, the species fast propagation was signi cant: on 16th April 2023, a colony of the so coral started to be observed at a depth of 42 m of Byblos rocky bottom (Figure 2B), and on 16th May 2023 dense colonies of Dendronephthya sp. (Figure 2C) were observed and photographed. It is well noted that the species' colonies can still be observed at the exact location. From a morphological point of view, Dendronephthya sp. photographed and collected from the

Based on [3], the species of Dendronephthya newly introduced CInche Medite transpare Station of the May 2023 [3]. While in May 2023 [3] in an open southern Levantine Sea for the May 2023 [3] in a non-dependent analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens are still needed to con-rm investigation and genetic analysis of specimens be followed up, knowing its rapid expansion (Nativ et al., 2023, and proved in this current note), and its fast propagation mode by asexual

propagation [4]. is note provides the rst documented evidence of Dendronephthya sp. in the Lebanese waters, expanding this genus's known distribution in the southern Levantine sea of the eastern Mediterranean Sea. e ecological role of so corals in this region remains to be elucidated. However, it is worth noting that so corals are vulnerable to environmental stressors, including climate change and pollution [1]. In this context, further research and investigations into the taxonomy, ecology of Dendronephthya sp. are warranted for e ective monitoring, allowing the assessment of their distribution status and anticipating the potential impacts on the local marine habitats.

1. Fabricius K, Alderslade P (2001). Soft Corals and Sea Fans: A Comprehensive

- Guide to the Tropical Shallow Water Genera of the Central-West Pacific, the Indian Ocean and the Red Sea. Australian Institute of Marine Science, Townsville, Australia, 2001. 265pp.
- Grossowicz M, Yehuda B (2012). Differential morphological features of two Dendronephthya soft coral species suggest differences in feeding niches. Marine Biodiversity 42: 65-72.
- Nativ H, Galili O, Almul R, Einbinder S, Tchernov, D, Mass T et al. (2023).
 New Record of *Dendronephthya* sp. (Family: Nephtheidae) from Mediterranean Israel: Evidence for Tropicalization?. Biology 12, 1220.
- Dahan M, Benayahu Y (1997). Clonal Propagation by the Azooxanthellate Octocoral Dendronephthya hemprichi. Coral Reefs, 16: 5-12.