

# Turkish Journal of Botany

Turkish Journal

of

Botany

On the Presence of *Heterocapsa pygmaea* A.R.LoebI. (Peridinales, Dinophyceae) in the Northern Levantine Basin (Eastern Mediterranean)

Zahit UYSAL

Middle East Technical University, Institute of Marine Sciences, Erdemli - TURKEY

Mitsunori IWATAKI

University of Tokyo, Department of Aquatic Biosciences, Graduate School of Agricultural and Life Sciences,

Bunkyo-ku, Tokyo - JAPAN

Tufan KORAY

Ege University, Faculty of Fisheries, Department of Hydrobiology, İzmir - TURKEY

 [Keywords](#)  
[Authors](#)



[bot@tubitak.gov.tr](mailto:bot@tubitak.gov.tr)

[Scientific Journals Home Page](#)

**Abstract:** The presence of the dinoflagellate *Heterocapsa pygmaea* A.R.LoebI. in bloom quantity is reported for the first time from Mersin Bay (northern Levantine basin, eastern Mediterranean). Further, it is the only species of the family Heterocapsaceae reported from Turkish seas (southern Black Sea, the Sea of Marmara, Aegean Sea, and north-eastern Mediterranean). Our observations on the fine structure of the body scale of the specimen suggested that the scale morphology is identical to that of *H. pygmaea*.

**Key Words:** *Heterocapsa pygmaea*, bloom, northern Levantine basin

---

Turk. J. Bot., **27**, (2003), 149-152.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Bot.,vol.27,iss.2.](#)