

BASIC KNOWLEDGE IN MARINE SCIENCES

Edited by

Normawaty Mohammd-Noor



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Introduction

Collection of substrates may differ based on its types, but the collection of benthic dinoflagellates is generally outlined by the steps described in this chapter, based on Mohammad-Noor *et al.* (2010). Here, sand-dwelling dinoflagellates will not be discussed as it will be described in a detailed manner in Chapter 9.

Collection of Macrophyte

Here, seagrass is used as the example of macrophyte.

- A few blades of seagrass are plucked from a desired seagrass bed.
- These blades must immediately be placed in a plastic bag, preferably while immersed in water. This is to reduce exposure of any benthic dinoflagellates to the air that might stress them.
- The plastic bag should be tied as soon as possible, and if necessary, labeled. Seaweeds are collected in similar manner.