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# Oedogonium

Immediately on receipt of your Oedogonium culture loosen the cap and place the culture in indirect sunlight.

Oedogonium are a filamentous green algae, and a member of the Phylum Chlorophyta, Order Oedogoniales. The filaments are comprised of cells that are almost cylindrical. The plant may be attached to surfaces via a holdfast or it may floating. It is commonly found attached to grasses or bull-rushes at the edges of ponds, lakes, etc.

When the cells are mature, Oedogonium features enlarged female cells (oegonia) and small box-like male cells (antheridia).

## CULTURE MEDIUM

Oedogonium can be maintained in soil extract solutions prepared by steaming 20gm of good quality garden soil in 200ml of pond water for one hour on two successive days. Cultures should be maintained at 20°C ( $\pm 2^\circ\text{C}$ ) in indirect sunlight for several weeks. However a more reliable medium for growth is Algal Culture Medium Concentrate as supplied by Southern Biological. 20ml of this concentrate is sufficient to make one litre of use-solution when diluted with pond water.

Catalogue Code: L 1.40



### *Supporting Products for Oedogonium:*

#### **Culture Medium**

Code: CM 10 Algal Culture Medium

#### **Books**

Code: BK 6.21 Culturing Algae

Code: BK 31.59 Freshwater Algae in Australia

#### **Posters**

Code: WC 34 Pond III, Photosynthetic Microlife

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