

*We supply:*

- Living materials
- Culture media
- Frozen materials
- Preserved materials
- Skeletons
- Microscopes
- Wall charts
- Stains and Indicators
- Seeds
- Books
- CD-Roms
- Forensic Equipment

*and lots more in our full  
colour catalogue or visit our  
website catalogue at  
[www.southernbiological.com](http://www.southernbiological.com)*

# Volvox

Volvox are members of the Phylum Chlorophyta, Order Volvocales, Family Volvocaceae.

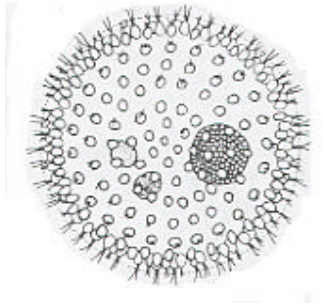
Colonies of Volvox are readily visible to naked eye, being up to 1mm in diameter and contain up to 50,000 cells. Volvox are found in still-water lakes and ponds, and usually occur over the summer period in Australia. Algal blooms can occur in waters containing high levels of dissolved nitrogen.

The colonies of Volvox move with a highly characteristic rolling motion. Mature colonies may contain several very enlarged egg cells and packets of motile sperm. Often colonies will exhibit one or more daughter colonies, which are formed by the splitting of vegetative cells.

## CULTURE MEDIUM

Unfortunately there are no easy answers in this area. Although there have been reports of Volvox being grown in soil extract solutions and some in synthetic algal growth solutions, we have not been able to achieve such success in our own laboratories. All our Volvox are field collected. If you find a field source, we recommend that you subculture every 10 days in the water it was originally found in whilst maintaining similar temperatures.

Catalogue Code: L1.55



### Supporting Products for Volvox:

**Laminated Wall Charts:**  
Code WC34 Pond III,  
Photosynthetic Microlife

**Books:**  
Code: BK 6.21  
Culturing Algae

**Videos:**  
Code: VP 2.42  
The small life of ponds and  
wetlands (30 mins)

**Prepared Microscopic  
Slides:**  
Code: PMS 24.50  
Volvox, W.M

Code: PMS Set 2  
Plant Kingdom Survey Set of  
25 slides.

**BioSets:**  
Code: BIOS12 Pond Life  
Code: BIOS202 Protozoa  
Code: BIOS205 Evolution  
Under The Microscope

L1.55 Volvox 23/3/09