

# ***Arcocellulus cornucervis***

<b>Kingdom</b>	Chromista
<b>Phylum</b>	Bacillariophyta
<b>Class</b>	Mediophyceae
<b>Order</b>	Cymatosirales
<b>Family</b>	Cymatosiraceae
<b>Genus</b>	Arcocellulus
<b>Species</b>	cornucervis
<b>Authority</b>	Hasle, von Stosch et Syvertsen, 1983

## **Description**

Cells have one chloroplast, one valve with processes and one without. Cells are curved in a broad girdle view. The outline of valves varies with the length of the apical axis. Smaller valves are oblong to sub-circular, larger valves are more narrow and lanceolate. Cells with characteristic pili, but often lacking in small cells.

**Morphometrics:** apical axis: 1.2-13  $\mu\text{m}$ , transapical axis: 0.7-1.5; perivalvar axis: 1-17  $\mu\text{m}$ .

**Distribution:** Norwegian coastal waters, Barents Sea

**Genetic information:**