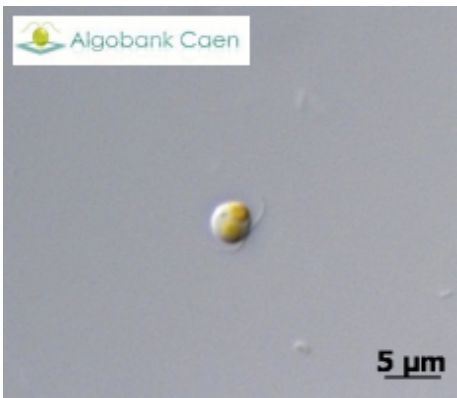


## AC23 *Dicrateria rotunda*

Taxonomy		Image	Origin		
<b>Kingdom</b>	Chromista		<b>Climatic Zone</b>	Temperate	
<b>Division</b>	Haptophyta		<b>Habitat</b>	Coastal	
<b>Class</b>	Prymnesiophyceae		<b>Ocean</b>	North Atlantic	
<b>Order</b>	Prymnesiales		<b>Sea</b>	Iroise Sea	
<b>Family</b>	<i>Prymnesiaceae</i>		<b>Country</b>	France	
<b>Genus</b>	<i>Dicrateria</i>		<b>Region</b>	Brittany	
<b>Species</b>	rotunda		<b>Geolocation</b>		
<b>Authority(ies)</b>	(Reynolds) Bendif et Probert		<b>Latitude</b>	48.355	
		<b>Longitude</b>	-4.500000		
Identity		Morphology	Culture		
<b>Holotype</b>	No	<b>Length (µm)</b>	-	<b>Isolated by</b>	J. Fresnel
<b>Equivalent code</b>	-	<b>Width (µm)</b>	-	<b>Isolation date</b>	1982
<b>Deposited by</b>	-	<b>Diameter</b>	-	<b>Isolation site</b>	Rade de Brest
<b>Deposit date</b>	-	<b>Wall</b>	-	<b>Culture medium</b>	K/2 ES
<b>Identified by</b>	-	<b>Comments</b>	Observed forms : solitary flagellate cells.	<b>Growth temperature</b>	19 °C
				<b>Growth light</b>	100 µE
				<b>Toxicity</b>	Unproven
External Links					
<b>Genbank accession number</b>	SSU : AM491014				
<b>References</b>	<ul style="list-style-type: none"> <li>- E. Ponis, I. Probert, B. Véron, M. Mathieu and R. Robert. (2006) New microalgae for the Pacific oyster <i>Crassostrea gigas</i> larvae. <i>Aquaculture</i> 253: 618 - 627.</li> <li>- Edvardsen et al. (2011). Ribosomal DNA phylogenies and a morphological revision provide the basis for a revised taxonomy of the Prymnesiales (Haptophyta). <i>Eur. J. Phycol.</i> 46 (3): 202-228</li> <li>- Bittner L, Gobet A, Audic S, Romac S, Egge E.S., Santini S, Ogata H, Probert I, Edvardsen B and de Vargas C (2012) Diversity patterns of uncultured Haptophytes unravelled by pyrosequencing in Naples Bay. <i>Molecular Ecology</i> DOI: 10.1111/mec.12108</li> </ul>				

## AC23 *Dicrateria rotunda*

- EM Bendif, I. Probert, DC Schroeder and C. de Vargas (2013) On the description of *Tisochrysis lutea* gen.nov. sp. nov. and *Isochrysis nuda* sp. nov. in the Isochrysidales, and the transfer of *Dicrateria* to the Prymnesiales (Haptophyta). J. Appl. Phycol. DOI 10.1007/s10811-013-0037-0