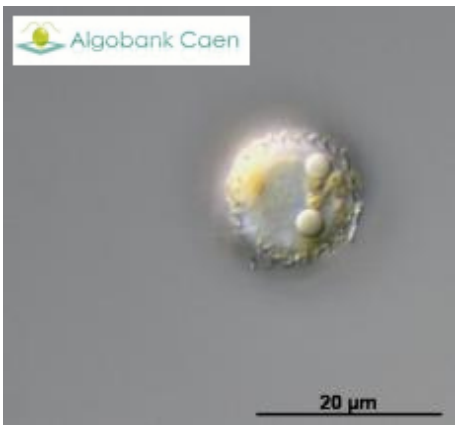


AC1 *Pleurochrysis carterae*

Taxonomy		Image	Origin		
Kingdom	Chromista		Climatic Zone	Temperate	
Division	Haptophyta		Habitat	Coastal	
Class	Prymnesiophyceae		Ocean	North Atlantic	
Order	Coccolithales		Sea	-	
Family	<i>Pleurochrysidaceae</i>		Country	Maroc	
Genus	<i>Pleurochrysis</i>		Region	-	
Species	<i>carterae</i>		Geolocation		
Authority(ies)	(Braarud & Fagerland) Christensen		Latitude	-	
		Longitude	-		
Identity		Morphology	Culture		
Holotype	No	Length (µm)	-	Isolated by	J. Fresnel
Equivalent code	-	Width (µm)	-	Isolation date	mai 1983
Deposited by	-	Diameter	-	Isolation site	-
Deposit date	-	Wall	Coccosphere	Culture medium	f/2
Identified by	-	Comments	Cricolith morphology confirmed by electron microscopy Small heterotroph contaminant present	Growth temperature	16 °C
				Growth light	160 µE
				Toxicity	Unproven
External Links					
Genbank accession number	AJ544120 (18S)				
References	<p>- Saez, A.G., Zaldivar-Riveron, A., Medlin, L.K. (2008) Molecular systematics of the Pleurochrysidaceae, a family of coastal coccolithophores (Haptophyta). <i>Journal of Plankton Research</i> 30(5) 559-566.</p> <p>- Medlin et al (2008) A molecular clock for coccolithophores and implications for selectivity of phytoplankton extinctions across the K/T boundary. <i>Marine Micropaleontology</i> 67, 69-86</p>				

AC1 *Pleurochrysis carterae*

- M. Thabard, B. Véron, R.L. Fletcher, C. Hellio (2009). Screening of biological activities of extracts of *Ralfia verrucosa*, *Petalonia fascia* and *Scytosiphon lomentaria* (Phaeophyceae, Scytosiphonales) for potential antifouling application - *Electronic Journal of Natural Substances* 4 : 1-10

-Edvardsen et al. (2011). Ribosomal DNA phylogenies and a morphological revision provide the basis for a revised taxonomy of the Prymnesiales (Haptophyta). *Eur. J. Phycol.* 46 (3): 202-228