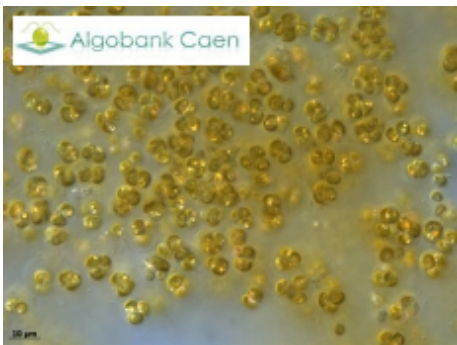


AC15 *Exanthemachrysis gayraliae*

Taxonomy		Image		Origin	
Kingdom	Chromista			Climatic Zone	Temperate
Division	Haptophyta			Habitat	Coastal
Class	Pavlovophyceae			Ocean	North Atlantic
Order	Pavloales			Sea	English Channel
Family	-			Country	France
Genus	<i>Exanthemachrysis</i>			Region	Basse-Normandie
Species	gayraliae			Geolocation	
Authority(ies)	(Lepailleur) Bendif et Véron			Latitude	49.266
Identity		Morphology		Culture	
Holotype	Yes	Length (µm)	3,979 µm	Isolated by	H. Lepailleur
Equivalent code	-	Width (µm)	-	Isolation date	1965
Deposited by	-	Diameter	-	Isolation site	Sallenelles
Deposit date	-	Wall	-	Culture medium	ES
Identified by	-	Comments	CB: Observed forms: palmelloid stage; zoidocysts (3 flagella). From a <i>Bostrychia</i> raw culture.	Growth temperature	19 °C
				Growth light	40 µE
				Toxicity	Unproven
External Links					
Genbank accession number	18S : DQ531625 - AJ515250 / 16-23S : HM595057 / 28S : EU729479				
References	<p>- Lepailleur H (1970) Sur un nouveau genre de Chrysophycées: <i>Exanthemachrysis</i> nov. gen. (<i>E. gayralii</i> nov. sp.). C R Acad Sci, 270: 928-931</p> <p>- Gayral P, Fresnel J (1979) <i>Exanthemachrysis gayraliae</i> Lepailleur (Prymnesiophyceae, Pavloales) : Ultrastructure et discussion taxinomique. Protistologica XV: 271-282</p> <p>- Fresnel J, Galle P, Gayral P (1979) Résultats de la microanalyse des cristaux vacuolaires chez deux Chromophytes unicellulaires marines : <i>Exanthemachrysis gayraliae</i>, Pavlova sp. (Prymnésiophycées, Pavlovacées). C R Acad Sc Paris 288: 823-825</p> <p>- Van Lenning K, Estrada M, Latasa M, Medlin L, Probert I, Véron B, Sáez AG, Young J (2003) Pigment signatures and phylogenetic relationships of the Pavlovophyceae (Haptophyta). J Phycol 39: 379-389</p>				

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