


## AC763 *Botryococcus braunii*

Taxonomy		Image		Origin	
<b>Kingdom</b>	Plantae			<b>Climatic Zone</b>	Subtropical
<b>Division</b>	Chlorophyta			<b>Habitat</b>	Lake
<b>Class</b>	Trebouxiophyceae			<b>Continent</b>	-
<b>Order</b>	Trebouxiales			<b>Country</b>	France
<b>Family</b>	<i>Botryococcaceae</i>			<b>Region</b>	Martinique
<b>Genus</b>	<i>Botryococcus</i>			<b>Geolocation</b>	
<b>Species</b>	braunii			<b>Latitude</b>	-
<b>Authority(ies)</b>	Kützing			<b>Longitude</b>	-
Identity		Morphology		Culture	
<b>Holotype</b>	No	<b>Length (µm)</b>	10 µm	<b>Isolated by</b>	Metzger
<b>Equivalent code</b>	-	<b>Width (µm)</b>	5 µm	<b>Isolation date</b>	1982
<b>Deposited by</b>	-	<b>Diameter</b>	-	<b>Isolation site</b>	La Manzo
<b>Deposit date</b>	28 octobre 2008	<b>Wall</b>	-	<b>Culture medium</b>	L-C
<b>Identified by</b>	-	<b>Comments</b>	-	<b>Growth temperature</b>	27 °C
				<b>Growth light</b>	-
				<b>Toxicity</b>	Unproven
External Links					
<b>Genbank accession number</b>	-				
<b>References</b>	<ul style="list-style-type: none"> <li>- Senousy, H.H., Beakes, G.W., Hack, E. (2004). Phylogenetic placement of <i>Botryococcus braunii</i>. <i>JPhycol.</i> 40: 412-423),</li> <li>- Metzger, P., Berkaloff, C., Casadevall, E., Couté, A. (1985) Alkadiene- and botryococcene-producing races of wild strains of <i>Botryococcus braunii</i>. <i>Phytochemistry</i> 24: 2305-2312,</li> <li>- Metzger, P., Casadevall, E., Pouet, M.J., Pouet, Y. (1985) Structures of some botryococcenes: branched hydrocarbons from the B race of the green alga <i>Botryococcus braunii</i>. <i>Phytochemistry</i> 24: 2995-3002,</li> </ul>				

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- Senousy, H.H. (2003) A molecular taxonomic and morphological study of the green algal genus *Botryococcus*. PhD Thesis, 248pp, University of Newcastle, UK.
- Metzger, P., Rager, M.-N. & Largeau, C. (2007) Polyacetals based on polymethylsqualene diols, precursors of algaenan in *Botryococcus braunii* race B. *Organic Geochemistry* 38: 566-581