

FDEP Algal Taxonomy Summary Report

Date Reported:	Report sent by: Cheryl Swanson, 850-245-8171, Cheryl.Swanson@dep.state.fl.us
Request ID: RQ-2016-06-27-40	Collector: Chris Munson / Ben Ralys
Event ID: WQAP-2016-06-30-06	Date Collected: 6/30/2016 1:10:00 PM
LIMS Sample ID: 1812685	Date Received: 6/30/2016 2:40:00 PM
Analysis: ALGAL_ID	Sample Container: Plastic Tube 50 mL
Site Location: Tallavanna Lake Middle	Sample Preservation: ICE
Field ID: G1WA0045-06302016	Analyst: Isaura Lorenzo-Perez
Sample Notes: The sample contained a large algal mat in water, along with a benthic attached diatoms, <i>Gomphonema</i> sp. Algae appeared alive and healthy.	

Result: The dominant taxon was *Plectonema wollei*..

Other Taxa Present:	Toxin Potential *
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Cyanophyceae

<i>Merismopedia warmingiana</i>	
<i>Chamaesiphon</i> sp.	
<i>Oscillatoria</i> sp.	Undetermined
<i>Plectonema wollei</i>	Yes
<i>Pseudanabaena</i> sp.	Undetermined
<i>Heteroleibleinia kuetzingii</i>	
<i>Phormidium</i> sp.	Undetermined

Chlorophyceae

<i>Scenedesmus quadricauda</i>	
<i>Cosmarium</i> sp.	
<i>Oedogonium</i> sp.	

* Information based on literature searches and personal communication; information is continually being updated. "Undetermined" refers to specimens for which the lowest practical level of taxonomic identification is genus and some, but not all, species within that genus have the potential to produce toxins or toxin information not available for the identified species but is available for genus level.