

**POLYPHASIC TAXONOMY AND PREBIOTIC POTENTIAL OF  
CYANOBACTERIA *Nostochopsis* spp. FROM  
NORTHERN THAILAND**

**MANITA MOTHAM**

**DOCTOR OF PHILOSOPHY  
IN APPLIED MICROBIOLOGY**

**THE GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY  
SEPTEMBER 2013**

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN  
PARTIAL FULFILLMENT OF THE REQUIREMENTS  
FOR THE DEGREE OF  
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TO BE A PARTIAL FULFILLMENT OF THE REQUIREMENTS  
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6 September 2013

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