

**PREVALENCE AND REPRODUCTION OF *Varroa*  
AND *Tropilaelaps* IN THREE SPECIES OF  
HONEY BEES IN CHIANG MAI,  
THAILAND**

**NINAT BUAWANGPONG**

**DOCTOR OF PHILOSOPHY  
IN BIOLOGY**

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**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY  
MARCH 2015**

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IN CHIANG MAI, THAILAND**

**NINAT BUAWANGPONG**

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL  
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
IN BIOLOGY**

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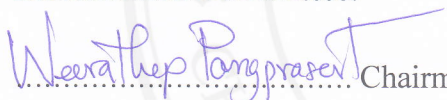
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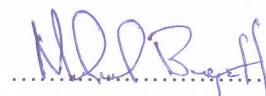
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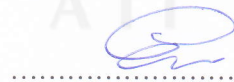
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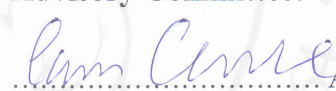
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