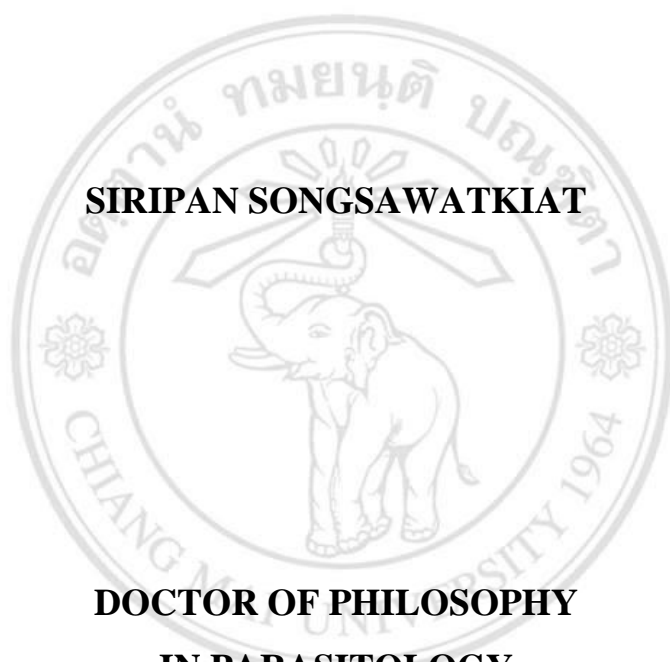


**HYBRIDIZATIONS AND DNA SEQUENCE ANALYSES  
AMONG KARYOTYPIC FORMS OF  
*Anopheles nigerrimus* AND *An. nitidus***

**SIRIPAN SONGSAWATKIAT**



**DOCTOR OF PHILOSOPHY  
IN PARASITOLOGY**

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**GRADUATE SCHOOL  
CHIANG MAI UNIVERSITY  
JULY 2015**

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**SIRIPAN SONGSAWATKIAT**

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

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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF  
THE REQUIREMENTS FOR THE DEGREE OF  
DOCTOR OF PHILOSOPHY  
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28 July 2015

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*I would like to dedicate this thesis and express my deepest gratitude to the late Professor Dr. Wej Choochote, for his excellent instruction, constant encouragement and support, which enabled me to complete this thesis.*



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