



**THESIS APPROVAL**  
**GRADUATE SCHOOL, KASSETSART UNIVERSITY**

Master of Science (Cell and Molecular Biology)

**DEGREE**

Cell and Molecular Biology

**FIELD**

General Science

**DEPARTMENT**

**TITLE:** Morphological Development of Glochidia in Artificial Media Culture through Juvenile of Freshwater Pearl Mussel, *Hyriopsis (Hyriopsis) bialatus* Simpson, 1900

**NAME:** Mr Pramote Chumnanpuen

**THIS THESIS HAS BEEN ACCEPTED BY**

*Kannika Chatchavalvanich*

**THESIS ADVISOR**

( Associate Professor Kannika Chatchavalvanich, M.S. )

*Amara Thongpan*

**COMMITTEE MEMBER**

( Associate Professor Amara Thongpan, Ph.D. )

*Uthaiwan Kovitvadh*

**COMMITTEE MEMBER**

( Associate Professor Uthaiwan Kovitvadh, Ph.D. )

*Veerasak Udomchoke*

**DEPARTMENT HEAD**

( Associate Professor Veerasak Udomchock, Ph.D. )

**APPROVED BY THE GRADUATE SCHOOL ON**

02 / 06 / 06.

*Vinai Artkongharn*

**DEAN**

( Associate Professor Vinai Artkongharn, M.A. )