GUIDELINES FOR SUBMISSION OF THESIS

1. Graduating students are required to submit one (1) bound copy of their undergraduate thesis and one (1) CD, properly labeled (see page 4), containing the pdf file of their thesis. Thesis should be printed on an A4 size paper. Please refer to the format of the front and side bound cover of the thesis below.

2. The thesis should include a title page, IPR page and an approval sheet. The IPR page should be signed by the student and the thesis adviser. The approval sheet should be signed by the thesis adviser and the head of the department/institute. See examples on the next page.

3. Deadline for submission of thesis and CD is on the last day of submission of grades for the term in which the student expects to graduate.

4. Bound copies of the thesis together with the CD are submitted by the home department/institute of the student and are accompanied by the official report of grade for the thesis to the Office of the College Secretary, College of Science.

FORMAT OF FRONT BOUND COVER OF THESIS

The following information (TNR 16 font, center justified) should be found on the front bound cover of the thesis properly spaced. See example on the next page.

1. Title (in capital letters)
2. Name of student (in capital letters)
3. Name of department/institute (in capital letters) followed by the following (center justified):
   - College of Science
   - University of the Philippines
   - Diliman, Quezon City
4. Month and year of submission (in capital letters)

FORMAT OF THE SIDE BOUND COVER OF THESIS

The following information (in capital letters) should be found on the side bound cover of the thesis, properly spaced, bounded by two vertical lines and separated by a single vertical line. See example on page 3.

1. Initial of the student’s first and middle name each followed by a period (“.”) and then the student’s full last name.
2. Title of the thesis. If the whole title of the thesis will not fit, only the first words that will fit followed by three periods (“…”) will suffice.
3. Year of submission preceded by the initial of the University of the Philippines, i.e., “UP”.
PROBING THE RATIO VECTORS OF CHEBYSHEV POLYNOMIALS

BENEDICT UY BIGCAS

DEPARTMENT OF MATHEMATICS
College of Science
University of the Philippines
Diliman, Quezon City

MAY 2007
UNIVERSITY OF THE PHILIPPINES

Master of Science in Biology

Marc Timothy C. Tan

Population genetic structure of the Philippine native catfish, *Clarias macrocephalus*, and its implications for conservation and management

Thesis Adviser:
Jonas P. Quilang, Ph.D.
Institute of Biology
University of the Philippines Diliman

Date of Submission
1 June 2015

Thesis Classification:
I

This thesis is not available to the public. Please ask the library for assistance.
UNIVERSITY OF THE PHILIPPINES

Master of Science in Biology

Marc Timothy C. Tan

Population genetic structure of the Philippine native catfish, Clarias macrocephalus, and its implications for conservation and management

Thesis Adviser:
Jonas P. Quilang, Ph.D.
Institute of Biology
University of the Philippines Diliman

Date of Submission
1 June 2015

Thesis Classification:
P

This thesis is not available to the public. Please ask the library for assistance.
UNIVERSITY OF THE PHILIPPINES

Master of Science in Biology

Marc Timothy C. Tan

Population genetic structure of the Philippine native catfish, Clarias macrocephalus, and its implications for conservation and management

Thesis Adviser:
Jonas P. Quilang, Ph.D.

Institute of Biology
University of the Philippines Diliman

Date of Submission
1 June 2015

Thesis Classification:
C

This thesis is not available to the public. Please ask the library for assistance.
UNIVERSITY OF THE PHILIPPINES

Master of Science in Biology

Marc Timothy C. Tan

Population genetic structure of the Philippine native catfish, Clarias macrocephalus, and its implications for conservation and management

Thesis Adviser:
Jonas P. Quilang, Ph.D.

Institute of Biology
University of the Philippines Diliman

Date of Submission
1 June 2015

Thesis Classification:
F

This thesis is available to the public.
ENDORSEMENT

This is to certify that this undergraduate thesis entitled Population Genetic Structure of the Philippine Native Catfish, *Clarias macrocephalus*, and its Implications for Conservation and Management prepared and submitted by Marc Timothy Calimbahin Tan in partial fulfillment of the requirements for the degree of Bachelor of Science in Biology, is hereby accepted.

JONAS P. QUILANG, Ph.D.
Thesis Adviser

IAN KENDRICH C. FONTANILLA, Ph.D.
Thesis Reader

The Institute of Biology endorses acceptance of this master’s thesis as partial fulfillment of the requirements for the degree of Master of Science in Biology.

SONIA D. JACINTO, Ph.D.
Director
Institute of Biology
POPULATION GENETIC STRUCTURE OF THE PHILIPPINE NATIVE CATFISH, *CLARIAS MACROCEPHALUS*, AND ITS IMPLICATIONS FOR CONSERVATION AND MANAGEMENT

MARC TIMOTHY CALIMBAHIN TAN

INSTITUTE OF BIOLOGY
College of Science
University of the Philippines
Diliman, Quezon City

JUNE 2015
Appendix 8 (Sample Format of Front Cover of CD)

POPULATION GENETIC STRUCTURE OF THE PHILIPPINE NATIVE CATFISH, CLARIAS MACROCEPHALUS, AND ITS IMPLICATIONS FOR CONSERVATION AND MANAGEMENT

By

MARC TIMOTHY C. TAN

MS in Biology

JUNE 2015
Appendix 9 (Sample Format of Label on CD)

POPULATION GENETIC STRUCTURE OF THE PHILIPPINE NATIVE CATFISH, CLARIAS MACROCEPHALUS, AND ITS IMPLICATIONS FOR CONSERVATION AND MANAGEMENT

MARC TIMOTHY C. TAN
2010-08081