

## Republic of the Philippines SURIGAO STATE COLLEGE OF TECHNOLOGY Narciso Street, Surigao City





04 April 2022

DR. MAURICIO S. ADLAON Vice – President, RDE Surigao State College of Technology Surigao City

Thru: MR. RUEL T. BUBA

Director, Research and Development
This College

Dear Sir:

Greetings of peace and healthy well - being in this season of lent!

The undersigned would like to inform your office that the research paper entitled 'Carapace length – weight and carapace width – weight relationships of Thalamita crenata from Siargao Island, Philippines', has been accepted for Seminar – Lecture Presentation in the 56<sup>th</sup> Biology Teachers Association of the Philippines (BIOTA) National Convention and Scientific Sessions and the 28<sup>th</sup> Biennial Conference of the Asian Association for Biology Education this coming April 13,28 - 30, 2022 via online platform.

To make her participation official, she would like to request for an issuance of memo on this matter. Attached in the acceptance letter, abstract and the program details.

May this request merit your kind consideration and approval.

Thank you very much.

Sincerely,

LOUELLA'S DEGAMON Research paper presenter

Approved:

, 2022

MAURICIO S. ADLAON, PhD Vice – President, RDE

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URL: ssct.edu.ph

Noted by:

MR. RUEL T. BUBA

Director, R&D

28 Biennial Conference of the ASIAN ASSOCIATION FOR BIOLOGY EDUCATION

BIOLOGY RESEARCH AND EDUCATION IN A CHANGING WORLD:
RECALIBRATING UNDER THE NEW NORMAL"

01 APRIL 2022

### LOUELLA S. DEGAMON

College of Teacher Education, Surigao State College of Technology Surigao City, Philippines

Dear Ms. Degamon,

Thank you for your abstract submission entitled, "CARAPACE LENGTH – WEIGHT AND CARAPACE WIDTH –WEIGHT RELATIONSHIPS OF *Thalamita crenata* FROM SIARGAO ISLAND, PHILIPPINES" (Submission ID: SL 6F). All submissions have been peer-reviewed, and acceptance is based on quality, relevance, and originality. On behalf of the organizing committee, we are happy to inform you that your submission has met the accepted standard of peer review and has been accepted for Seminar Lecture Presentation at the 56th Biology Teachers Association of the Philippines (BIOTA) National Convention and Scientific Sessions and the 28th Biennial Conference of the Asian Association for Biology Education to be held online on 28-30 April 2022.

The joint convention provides an opportunity for biology and biology education scholars and practitioners to share and engage in conversation on the role of biology research and education in a changing world. Researchers and scholars have the opportunity to present their ongoing or completed research studies, while practitioners will also have an avenue to share their practical experiences and insights.

Kindly refer to the attached guidelines on preparing for your session. Make sure you follow the given guidelines in preparing your materials for your session. All presenters must be active BIOTA/AABE members and are required to register for the joint convention. Please visit the convention website at <a href="https://tinyurl.com/BIOTAAABE2022">https://tinyurl.com/BIOTAAABE2022</a> regarding registration links the program of activities, memberships, and other details.

You are also invited to publish your paper or extended abstract in **The Philippine BIOTA**, the official publication of the Biology Teachers Association of the Philippines. You will receive an email containing the details on submission after the joint convention.

Should you have any questions or concerns, feel free to reach out by emailing biotaphl.seminarlecture@gmail.com or sending a message to any of our social media sites.

Thank you, and we look forward to meeting you online on 28-30 April 2022!

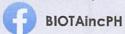
Sincerely,

DR. ALMER LYNN BARRION-DUPO

Chair, Seminar-Lecture Committee



https://tinyurl.com/BIOTAAABE20







biotaphils



28 ASIAN ASSOCIATION FOR BIOLOGY EDUCATION

"BIOLOGY RESEARCH AND EDUCATION IN A CHANGING WORLD:
RECALIBRATING UNDER THE NEW NORMAL"

#### Video and Revised Abstract Guidelines:

Since we are going virtual this year, we require each presenter to upload a pre-recorded video of the presentation to avoid disruptions due to internet connectivity issues. Speakers however must be present during the sessions to answer the questions from the audience.

Please follow the guidelines below on how to proceed.

#### Lecture-Seminar Guidelines

- 1. Recorded video must be submitted with the following formats:
  - Video length: 15 min
  - Video format: .mp4
  - Resolution: 480p resolution or Zoom default video is acceptable
  - Audio should be clear and clean (subtitle is welcome)
  - Presenter should be visible in the video (upper right)
  - Filename: Use the title of your abstract as filename
- 2. Submission Date:

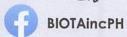
April 08 2022 (until 11:59 PM) – revised abstract April 15, 2022 (until 11:59 PM) - video

3. Upload your video and revised abstract (if acceptance is conditional) to the link below (copy and paste to your browser if the link does not work)

https://drive.google.com/drive/folders/19g3H4owzWvp0pvQtCA8J7fj2S6MC 6cq?usp=sharing



https://tinyurl.com/BIOTAAABE20





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# CARAPACE LENGTH – WEIGHT AND CARAPACE WIDTH –WEIGHT RELATIONSHIPS OF *Thalamita crenata* FROM SIARGAO ISLAND, PHILIPPINES

Louella S. Degamon

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### **Abstract**

This study aimed to determine the interrelationships of morphometric characters, the carapace width - weight and carapace length-weight relationships, sex ratio and condition factor T. crenata from the mangrove habitat of Del Carmen, Siargao, Philippines. There were 103 crab species utilized in the study, 58 females and 45 males. Results revealed that *T. crenata* has a body weight range of 12.47 to 67.74 g for females and 14.44 to 86.04g in males. The carapace length ranges from 2.77 to 4.83 cm for females and 2.86 to 4.93 cm for males. As to carapace width, it ranges from 2.28 to 6.91 cm for females while 4.08 to 7.26 cm for males. In terms of growth pattern, it exhibited an allometric growth pattern. A positive allometric for males (b>3) while negative allometric for females (b<3). The values for the condition factor were higher in females (6.850 and -3.5306) than in males (-0.2684 and -0.9667). Sex ratio was 1:0.78. The allometric growth pattern of *T. crenata* may be attributed to the environmental condition present in the study area. Hence, interrelationships of morphometric characters on T. crenata crab species may serve as baseline data for its possible aquaculture cultivation, sustainable fishery management of the resource particularly in Caraga region and for further comparative studies of the same species across temporal and spatial distribution in the Philippines and in other countries.

Keywords: allometric growth pattern, crenate swimming crab, condition factor, Portunids, sex ratio



BIOTA & AABE HOME PROGRAM

IMPORTANT DATES

## **PROGRAM**

### **PROGRAM AT A GLANCE**

	Day 1 (April 28 Thursday)	Day 2 (April 29 Friday)	Day 3 (April 30 Saturday)
AM	<ul><li>Opening Program</li><li>Keynote Address</li><li>Launch of Project Haynayan</li><li>AABE Country Reports</li></ul>	<ul><li>Plenary Session 1</li><li>Plenary Session 2</li></ul>	<ul><li>Plenary Session 3</li><li>Young Biologists Forum (YBF)</li><li>Business Meeting</li><li>Closing Program</li></ul>
PM	<ul><li>Interactive e-Poster Session</li><li>BioTakTik</li></ul>	Seminar-Lecture Session	

### **KEYNOTE SPEAKER**