

V. CONCLUSION AND SUGGESTION

A. Conclusion

Based on the results of this study, it can be concluded that:

1. The general morphology of fiddler crab species can be differentiated by color patterns, carapace shape, and chela variations. Meristic characters of fiddler crabs from the genus *Austruca* and *Tubuca* have differences in the total number of long grooves of the dactylus, predistal triangular teeth, and tubercles on the orbital floor. Variations in morphometric characters on CL, CW & PL measurements were significantly different between individuals of 9 species (*A. annulipes*, *A. triangularis*, *T. arcuata*, *T. bellator*, *T. coarctata*, *T. dussumieri*, *T. demani*, *T. forcipata* and *T. rosea*)
2. The found fiddler crabs from two genera, *Austruca* and *Tubuca*. The two species belong to the genus *Austruca* (*A. Annulipes* and *A. Triangularis*). and the seven species belong to the genus *Tubuca* (*T. coarctata*, *T. arcuata*, *T. rosea*, *T. dussumieri*, *T. demani*, *T. forcipata* and *T. bellator*).

B. Suggestion

In the next research, the author suggests seeing the morphological characters by using the Scanning Electron Microscope (SEM) method to find the new morphological characters, especially the mouth parts and abdomen.