3. OBJECTIVES

This work focused on the identification of the closely related species of white prawn and the application of mitochondrial DNA marker followings:

1. To identify the closely related species of white prawn by using the morphological and morphometric character.

2. To separate the closely related species of white prawn by using the isozyme pattern.

3. To classify and phylogenetic analysis of the closely related species of white prawn by mitochondrial DNA marker (12S rRNA, 16S rRNA and COI).

4. To separate each species of white prawn and other species by using PCR-RFLP of COI gene.