

Electrophoretic Comparison of Water Soluble Proteins of the Eggs and the 5th Larval Tissues in the Chinese Oak Silkworm, *Antheraea pernyi*

Young Chon Moon¹, Jong Hoon Kim¹, Nam Sook Park^{1·2} and Sang Mong Lee¹

¹Department of Sericultural and Entomological Biology, Miryang National University,

²College of Natural Resources and Life Science, Dong-A University

Antheraea pernyi water soluble proteins in egg, hemolymph, fat-body, mid-gut, integument, middle silk gland and posterior silk gland were examined by 7.5%Native-PAGE and 2D-electrophoresis. From 7.5%Native-PAGE, each tissues and egg showed their own characteristic electrophoretic band patterns. Also, in 2D electrophoresis for fat-body proteins, 70~40kDa polypeptides covered most of the polypeptide spots detected.