

Original article

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Development of Entomophage-Based Biological Agent Production Methods for Application in Forest Protection

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Abstract. Entomophage mass rearing procedure development is the 1st step in production of forest protection agents based on parasite insects that are efficient forest pest population regulators in natural mass outbreaks. Egg parasite *Ooencyrtus kuvanae* – a specialized gypsy moth parasitoid rearing procedure has been developed. Soaking of *L. dispar* eggs that passed diapause in acetic acid solution enables to avoid labour costs of host insect lab rearing and buildup production of biological agent against gypsy moth. Results of *Trichogramma evanescens* and *T. semblidis* rearing that hatched from web-spinning sawfly *Acantholyda posticalis* eggs are presented.

Key words: parasitoids, mass rearing, forest protection biological agents.

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