

【 생 태 】

2-1. Morphological Characteristics and Seasonal Occurrence of rice skipper (*Parnara guttata* Bremer et Grey) in Chungnam Province

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Parnara guttata has become a major rice pest at paddy fields in Chungnam province. So, morphological characteristics and seasonal occurrences were investigated. The diameter of egg, body length and expanse of adult were 0.9, 22.1 and 33.0 mm, respectively. The head capsule of 1st to 5th larvae were 3.1, 6.0, 9.9, 20.9 and 32.0 mm, respectively. Following results in seasonal occurrence were investigated as ; The first occurrence of pupa in 2001 was observed in mid-july, and the peak of occurrence was early-August and mid-September. The first occurrence of adult in 2002 was observed in early-August, and the peak of occurrence was mid-August and early-October. The rate of occurrence was higher in inland than coastal area, and in mountains than flatland area except for Cheongyang and Bujeo in Chungnam.

Key Words: *Parnara guttata*, Morphological Characteristics, Seasonal Occurrence, Rate of Occurrence