

D-31 A New Species of the Genus *Castianeira* KEYSERLING, 1879
(Araneae : Corinnidae) from Korea

KIM, JOO-PIL

(Dongguk University and The Arachnological Institute of Korea)

In this paper, the author is going to describe a new species of *Castianeira paikdoensis* sp. nov. from Paikdo, Korea. Up to the present, only one species, *C. shaxianensis* GONG, 1983 of Genus *Castianeira* has been reported in Korea (PAIK, 1991). The type of specimen is deposited in the Arachnological Institute of Korea

Key word : Corinnidae, New species, *Castianeira piakdoensis*,

D-32 Reproduction, growth and development of the striped field mouse,
Apodemus agrarius chejuensis

오홍식^{1*}, 毛利孝之¹, 윤명희²

¹일본구주대학농학부동물학교실, ²경성대학교이과대학생물학과

Reproduction, postnatal growth and development of the striped field mouse, *Apodemus agrarius chejuensis*, were investigated under laboratory conditions ($23 \pm 1^\circ\text{C}$, 14L : 10D). Mean litter size from the 60 litters was 4.61 (range of 2-7). Sexual difference was detected in the growth patterns of body weight and four measurements (the head and body, tail, hind foot and ear lengths). In the body weight, parameters of Gompertz equation, (1) the asymptotic weight, (2) growth rate constant and (3) age at the inflection point are as follows : (1) 45.03 g, (2) 0.0448 /day and (3) 21.70 days in the male; (1) 36.18 g, (2) 0.0501 /day and (3) 19.30 days in the female. Principal events of the development were observed, erection of the ear pinnae, separation of the fore and hind digits, eruption of the upper and lower incisors, opening of the eyes and the auditory meatus, arranged in order of occurred age. Only a little difference in development traits was recognized among the *Apodemus* species and the growth rates were such as relatively similar among them. However, the age of eye opening in *A. a. chejuensis* was markedly earlier than that in other species of *Apodemus*.