

Z105 The ecological significance of egg size variation in the Black-tailed Gull(*Larus crassirostris*).

Jeong-chil Yoo*, Young-soo Kwon, Woon-kee Paek,
and Jae-woo Nam

Department of Biology, Kyung-Hee University,

The egg-weight(CV: 8.34%) was more variable than either length(CV: 3.47%) or breadth(CV:2.77%). The weight of the egg is closely related to its length($r=0.50$, $p<0.001$), but even more so to its breadth($r=0.77$, $p<0.001$). However, the egg shape was independent of the egg-weight($r=0.09$, NS). The variation in egg weight was greater between than within clutches: the egg-weight variation between clutches can account for 76.96% of the total egg-weight variation. However, intra-clutch egg-size variation is also found. The last egg was significantly lighter than the remaining eggs in the clutch($p<0.001$). A significant difference in the mean fresh egg weight between unhatched and hatched eggs in a clutch was found($p<0.01$).

Z106 韓國産 가계거미屬(*Coelotes*)의 1未記錄種

金 甯 弼

(東國大學校 · 韓國거미研究所)

韓國産 가계거미屬의 1未記錄種, *Coelotes interunus* Nishikawa, 1977 (꼬마얼룩가계 거미, 新稱)을 記載報告하고자 한다.

韓國産 가계거미科(Agalenidae C. L. Koch, 1837)는 現在까지 7屬 33種이 報告되었고 이에 1種을 追加하여 7屬 34種이 된다.