

A701 The Complete Larval Development of Crangon hakodatei Rathbun, 1902 (Crustacea:Decapoda:Caridea:Crangonidae) Reared in the Laboratory.

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The complete larval development of Crangon hakodatei Rathbun, 1902 reared in the laboratory, are described and illustrated in detail. May 28, 1997, ovig females of C. hakodatei were caught by a shrimp trawl in Pusan, South Korea. The culture was carried out under photoperiod of 14hr light and 10hr darkness a a constant temperature of 20°C and salinity of 33.3‰. The first zoea of C. hak is differed from those other spesies of Crangon by three anteroventral denticle the carapace and the setation of coxopodite and basipodite in Maxillule, the se of coxopodite in maxilla, the setation of the first maxilliped, the lobe of coxopodite and basipodite in the second and third maxilliped.

A702 한국産 Nannastacidae科 (Crustacea, Cumacea)의 4 미기록종

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남해와 제주도 연안의 한국산 올챙이새우類의 계속적인 연구동안에 채집된 표본들 중 Nannastacidae科에 속하는 4 한국미기록종이 동정되었다. 이들 *Campylaspis pumila* Gamô, 1960, *Cumella alveata* Gamô, 1964 *Cumella glaberata* Gamô, 1962 그리고 *Nannastacus nyctagineus* Gamô, 1962의 4종을 보고한다. 특히, *Cumella alveata*의 암컷 그리고 *Nannastacus nyctagineus*의 수컷이 학계에 처음으로 보고된다.