

A103 한국 남해산 어류 2 미기록 종

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1995년 우리나라의 남해에서 채집된 어류 2종을 분류해 본 결과 이들은 지금까지 우리나라에서 서식이 확인되지 않은 *Chaunax abei* Danois와 *Bembrops curvatura* Okada et Suzuki로 동정되었다. *Chaunax abei*는 아귀목 Lophiiformes의 Chaunacidae에 속하는 어류로 등에는 갈색반점이 많이 산재하고 두부에는 유인돌기가 있으며, 유인돌기와의 끝은 양안의 전연 연결을 넘으며, 피부에는 많은 소극이 나 있다. 한편 *B. curvatura*는 농어목의 Percophidae에 속하며 문단에는 가시가 없고, 상악 후단에는 피돌기가 있으며, 측선은 가슴지느러미의 후단에서 깊게 내려가고 제1등지느러미막의 앞쪽은 검은 점 등이 특징적이다.

A104 Genic Variation and Speciation of *Rana rugosa* in Korea.

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Isozyme analysis for 31 populations of wrinkled frog, *Rana rugosa* from Korea and Japan was performed to assess the degree of genic variation and genetic diversity. A sum of 22 presumptive loci was screened from 17 enzymes and general proteins. The degree of average genic variation of *R. rugosa* was $P=22.6\%$, $H_o=0.085$, and $H_e=0.089$. The genetic diversity of Ulsan population was the highest ($H_e=0.165$) and Okkye population was the lowest ($H_e=0.042$). The degree of genetic differentiation among the Korean populations was moderate (average $S=0.900$), whereas the degree of genetic diversity between Korean and Japanese populations was notably higher ($S=0.687$, $D=0.294$), suggesting the specific level of differentiation.

In south-eastern area of Korean peninsular (Chongsong, Yongchon, Ulsan, Kyongju, Pohang, Yongdog and Uljin), a few unique alleles in *Mpi* locus were detected and its biogeographic implication was considered.