

A722

**A Revision of the Genus *Synagelides*
Strand, 1906 (Araneae: Salticidae)
from Korea**

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Two species, *S. agoriformis* Boesenberg et Strand, 1906 and *S. zhilcova* Proszynski, 1976 of the genus *Synagelides* from Korea are revised with accurate illustration and identification key. The latter species is newly recorded in the Korean spider fauna. These species can be easily identified by the copulatory openings and the position of the genital organs with copulatory canal and spermatheca.

A723

**New Records of Two Echinoids
(Echinodermata: Echinoidea) in
Korea**

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Some echinoids were collected at a depth of 20m in Cheju Island, Korea. Of which two species were identified as *Diadema setosum* (Leske, 1778) belonging to family Diadematidae, order Diadematoida and *Toxopneustes pileolus* (Lamarck, 1816) belonging to family Toxopneustidae, order Echinoida. These species turned out to be new to the Korean fauna and were redescribed on the morphological characteristics with illustrations.

A724

**Phylogenetic Analysis of HERV-W LTR
Elements in Humans and Primates**

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Human endogenous retroviruses W family (HERV-W) includes multiple sclerosis-associated retrovirus (MSRV) sequences identified in particles recovered from monocyte cultures from patients with multiple sclerosis. Long terminal repeat (LTR) of HERV-W family have been found to be coexpressed with sequences of closely located genes. We identified thirteen HERV-W LTR elements from the cDNA libraries of human fetal brain and placenta, and analyzed them along with sequences on the human X chromosome and other primate species (Old and New World monkeys). A phylogenetic analysis by neighbor-joining method revealed the close relationships between and within the species with a high degree of sequence similarity. The result suggests that HERV-W LTR elements have evolved independently during primate evolution.

A801

**Concerted Evolution of Duplicated
 α -Amylase Gene in *Drosophila*
melanogaster by Intrachromosomal
Gene Conversion**

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The duplication of the genes is one of the simplest cases of a multigene family and the conversion between duplicated genes limits their independent evolution. Demonstration