

S-1      **Variation of Mitochondrial DNA Restriction Fragments among Six Subspecies of Striped Field Mouse, *Apodemus agrarius* Pallas (Mammalia, Rodentia), from Korea, China, and Russia**

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One hundred and eleven samples of six subspecies of striped field mouse, *Apodemus agrarius* Pallas from Korea, China and Russia, were used for the analysis of mitochondrial DNA (mtDNA) fragment patterns resulted from the digestion with eight restriction enzymes by blot hybridization technique. All 32 fragments, nine mtDNA haplotypes, and four major subgroups with the mean divergence value of 0.896 to 1.150% were revealed. It is confirmed that *A. agrarius chejuensis* is a distinct subspecies, that subspecies *coreae* (including *pallescens*) is also a distinct subspecies, that *manchuricus* and *pallidior* are synonyms of subspecies *ningpoensis*, and that subspecies *septentrionalis* is a synonym of subspecies *agrarius*. Moreover, it is concluded that *Apodemus agrarius* shows constant karyotype, minimal variation in mtDNA genotype, and considerable divergence in morphometric characters.

S-2      **Four New Species of Laophontidae (Copepoda: Harpacticoida) Associated with the Wood-Boring Isopods from Korea**

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Four new laophontid copepods belonging to the genus *Laophonte* Philippe, 1840 are described with illustrations. They were found in the wood infested by isopod of the genus *Limnoria*, off Namae, Kangwondo on the north-eastern coast of Korea. Until now thirty-three species are valid of the genus *Laophonte*, of which only one species, *L. lignosa* Hicks, 1988 have been known to live in association with the wood-boring gribbles from New Zealand. All of the new species can be separated from the others of this genus by the absence of the setae on the terminal segment of P2-P4 endopod. Of these one species is a new member of an incipient species group characterized by a 0: 0: 0 setal formula for first segment P2-P4 endopod.