## A713

Geographic Variation of Morphometric Characters in Three Subspecies of Korean Field Mice, Apodemus peninsulae Thomas (Mammalia, Rodentia), in China and Korea

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Morphometric characters of three subspecies of Korean field mice (A. peninsulae) from nine localities in China and Korea were used. Four size forms were recognized: the largest-size form from Korea and Manchuria (= peninsulae and praetor): a large-size form from Inner Mongolia, Shanxi, and Sandong (praetor and sowerbyi): a middle-size form from Beijing (= sowerbyi): a small-size form from Xinjiang (= sowerbyi). Corbet(1978) recognized two subspecies of A. peninsulae (subspecies peninsulae and sowerbyi). However, in this study with morphometric characters, the largest-size form included peninsulae and praetor, and sowerbyi was so diverse as to be separated into other three size forms. And further analyses with the samples from China and Russia seem to be necessary to perform to clarify the taxonomy of A. peninsulae.

## A714

Multivariate Analyses with Ten Species (Two Families) of Rodents (Mammalia) from the Far Eastern Russia

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Four external and 27 cranial characters of 231 specimens representing ten species (two families) of Russian rodents from the Far Eastern region were measured. The measurements were analyzed by phenetic methods such as clustering and ordination techniques. The groupings of ten species were appeared to be similar with the classification based on conventional taxonomy in the generic level. In the familial level, however, common rat (Rattus norvegicus) was grouped with rat hamsters (Cricetulus trition): three species (Clethrionomys rufocanus, C. rutilus, and Cricetulus barabensis) of family Cricetidae were clustered with striped field mice (Apodemus agrarius) of family Muridae. It is concluded that careful evaluation is necessary before phenetic results are used for the hierarchical ranking of classification.