

**213-S**

**DIVERSITY, DISTRIBUTION AND PRESENT STATUS OF NON-HUMAN PRIMATES IN ASIA**

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Asia harbors a diversity of non-human primates ranging from prosimians to hominoids. Knowledge of diversity, distribution and present status is essential not only for phylogeography but also for the conservation and management of non-human primates. The results of these surveys have revealed, for example, the influence of glacial-interglacial climatic alterations and introgressions on speciation and extinction. On the other hand, the habitat of non-human primates is rapidly deteriorating and hunting pressure is high, leading local populations to be either extinct before their diversity and distribution are described or over-populated and genetically polluted. Economical development has driven the conversion of forested areas to aqua- and agricultural farms. Although areas are preserved in every country (e.g., National Parks, Wildlife Sanctuaries), the assessment of non-human primate populations has not always been made. Areas outside of these preserved lands are also neglected. Methodology for data/sample collection and analysis, such as remote sensing, GIS, genetic identification, distance or line-transect methods, and interviews have been much improved, however, their application needs human efforts, funds, and knowledge to implement, things which tend to be deficit in many countries. In this symposium, we will report on the present status of surveys in Asian country, which shows various situations ranging from extinction to over-population, and we will discuss further aims (e.g., cross-border survey) and the strategies to realize them.

Keywords: diversity, distribution, present status, Asian primates