

## STUDY REPORTS

### 2. Title: "Ecology of the Tree Shrew (Tupaia glis)"

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Objective: The objective of this study is to evaluate the potential of the tree shrew for use as a laboratory primate and to colonize the species, define biological norms, determine prevalence of endoparasitic infestations and define bacterial flora of the intestinal tract.

Progress: During the period of this report 46 litters containing 86 tree shrews were born in the colony. Litter sizes varied between 1 and 3 with a mean of 2 and an average of 1.87 per litter. Of the 86 animals born 25 died or were killed by the parents prior to reaching weaning age.

18 tree shrews were issued to investigators in the laboratory during the year.

Because of increased demands for animal space and a lack of utilization of the tree shrew as an experimental model the efforts and space devoted to further work in colonizing the tree shrew have been limited.

#### Publication

Cadigan, Francis C., Jr., Stanton, Jack S., Tanticharoenyos, Prayoth, Chaicumpa, Verachat-The Lar Gibbon as Definitive and Intermediate Host of Taenia Solium. Journal of Parasitology, (In press).