Ghost Bats

*Macropderma gigas* (plate 8) were found throughout the sandstone rockland in Kakadu National Park. Figure 7 shows those areas where colonies have been recorded. These colonies range in size from tens to hundreds of individuals and are found in caves and deep overhangs in the sandstone. The largest colonies of *Ma. gigas* were found in large deep caves on the plateaux of the outliers. On many occasions individuals or pairs *Ma. gigas* were seen roosting in small overhangs and shelters. The numbers of caves and fissures in the sandstone rockland indicate that *Ma. gigas* are likely to be distributed widely over the sandstone escarpment and plateaux and in relatively large numbers.

Three *Ma. gigas* were collected as road killed specimens on the Kakadu Highway near Noulangie Creek. The nearest known colony to this area is at Little Noulangie Rock 7 kilometres away. The three specimens were collected over twelve months indicating that this highway area is used regularly by *Ma. gigas*.

Golden-backed Tree-rat

*Me. macrurus* has been recorded only once in Kakadu National Park in 1969 (figure 8). Three field trips to Deaf Adder George during the course of this survey failed to turn up any of the species. Table 2 shows the species of small mammals captured or spotlighted during the surveys for *Me. macrurus*. 