

Project Update August 2011:

Spatial ecology of P. guimbeui

Very little is known on the spatial ecology of *P. guimbeui*, except that they select trees with cavities. The main aims of this part of the project were (1) to investigate the home range size based upon gender, season, population density and habitat structure; and (2) to determine the habitat requirements of *P. guimbeui*. A greater understanding of the spatial ecology of *P. guimbeui* could be invaluable for making effective management decisions to conserve the highly threatened sub-populations. A total of 35 males and 74 females were monitored and data collection started in June 2010 and ended July 2011. We are currently analysing home range data and hopefully I will have some preliminary results soon.



Left: Male *Phelsuma guimbeui*. Middle: Steeves Buckland collecting home range data in the field. Right: Laura Gallagher and Sion Henshaw gearing up for a lengthy day in the field.