

# DAY GECKOS (PHELSUMA SPP.) OF MANGABE-RANOMENA-SAHASAROTRA PROTECTED AREA

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*Phelsuma pronki* (Pronk's day gecko)

Four species of Day geckos could be found within Mangabe-Ranomena-Sahasarotra protected area including Pronk's Day gecko. *Phelsuma pronki* locally called "Antsatsatra mavo loha", is rare and has a restrict range in central eastern of Madagascar. It was classified Critically Endangered (CR) in IUCN red list in 2010 according to its small distribution and declining population. Pronk's day gecko was found within the protected Mangabe-Ranomena-Sahasarotra (map) in 2013 The species is totally protected according to national legislation and listed in appendix II of CITES with zero quota for international pet trade.

Research results have shown that the species is mostly found on big dead trees within natural forest.



*Phelsuma quadriocellata* (Peacock Day gecko)



The three other day geckos are common and not threatened. They have a large distribution in eastern Madagascar and can be found in disturbed habitat even in the town for some of them. They are listed in appendix II of CITES and can be exported according to their respective quotas.

The main threats for these species are the destruction of their habitat by slash and burn agriculture "Tavy" and the illegal collection.

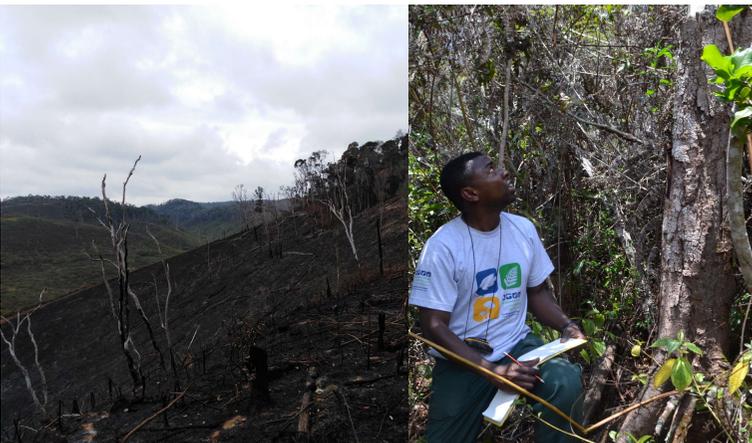
There are still a lot of work to be done on research and conservation of *Phelsuma pronki*. This requires collaboration of all stakeholders.



*Phelsuma madagascariensis* (Madagascar Day Gecko)

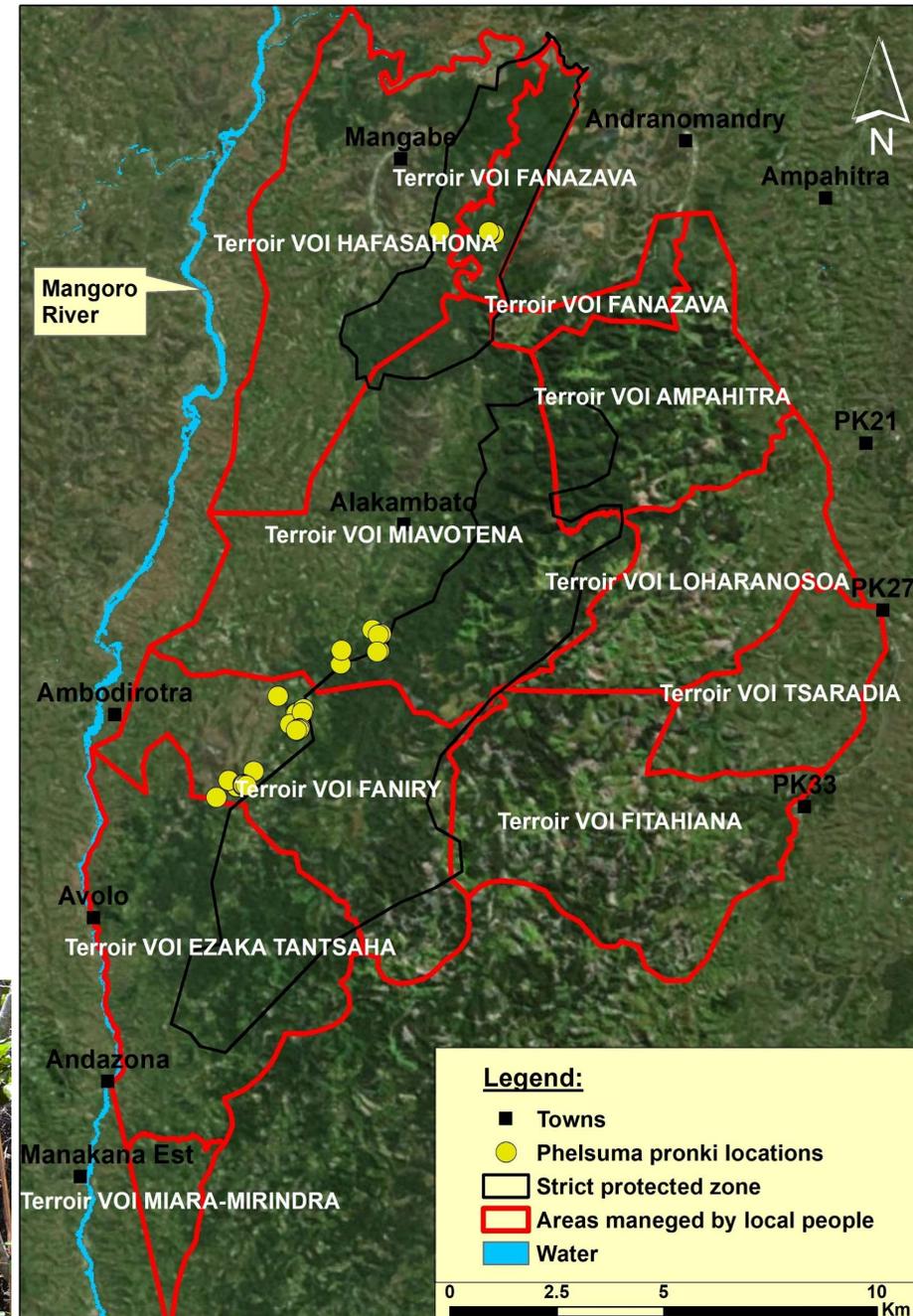


*Phelsuma lineata* (Lined Day gecko)



Slash and Burn "Tavy"

Survey during the field work



Distribution of *Phelsuma pronki* within the protected area