

Mauritian reptiles Remaining island populations: Restricted and/or fragmented distributions The loss of ecological links and food webs loss of stability Vulnerable to further disturbances Purposeful and accidental introductions Anthropogenic and stochastic events



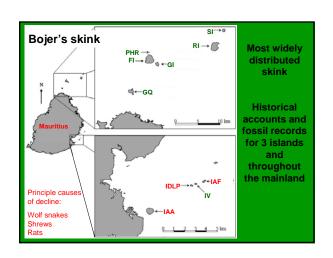


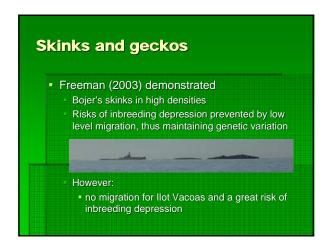








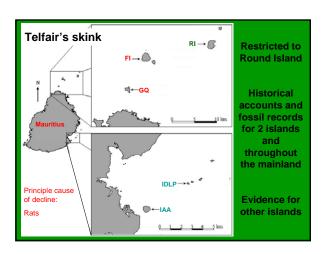






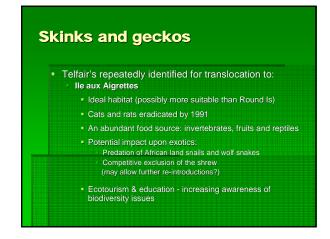


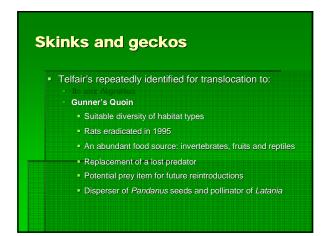


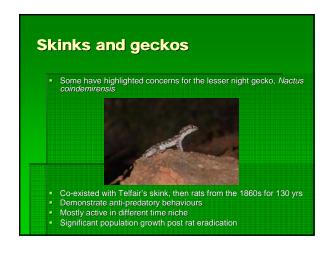


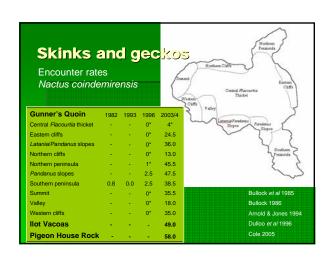




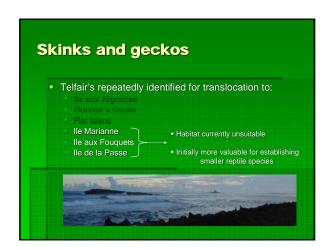


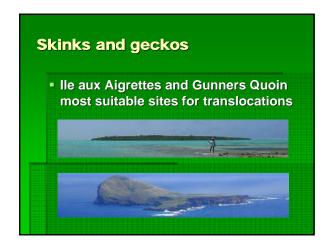


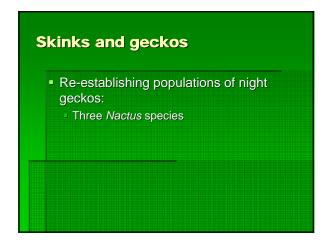






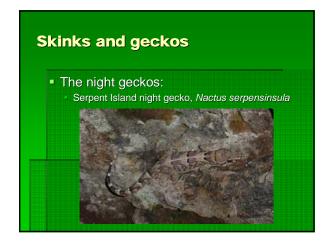




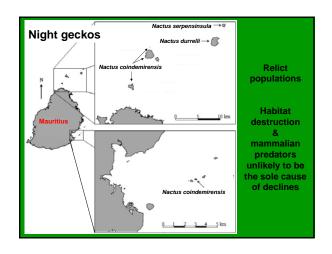


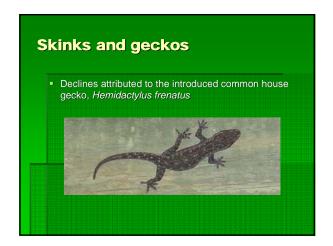


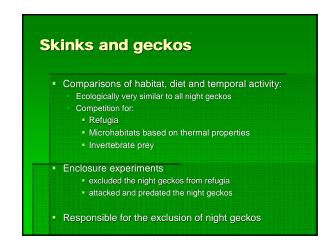


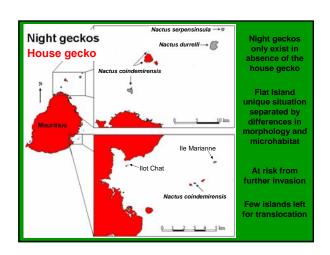


Skinks and geckos The most abundant reptiles in pristine Mauritius Would have been an important prey item for other reptiles and birds Catastrophic reduction in range Now extremely fragmented distribution





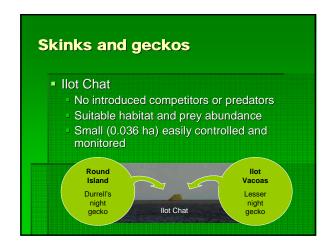




Skinks and geckos Beneficial to translocate night gecko species to the same island Lesser night gecko would have existed with the ancestor of the larger two night geckos The ancestor was most similar to Durrell's night gecko

Skinks and geckos Comparisons of habitat, diet and temporal activity Partitioning of these niches past competition past co-existence Serpent Island and Durrell's night geckos Very little partitioning Differences - 10,000 yrs of isolation on different islands Lesser night gecko and the larger night geckos Partitioning of habitat and diet based on size Evidence of past competition and thus co-existence Could they co-exist today?















Project protocol and timetable Preliminary timetable: July-September 2006 Set up transects and survey populations October 2006 Translocate 80 night geckos to llot Chat (0.036ha) 30 Telfair's to the aviaries for screening December 2006 Release the 30 Telfair's on Ile aux Aigrettes

