Impacts of Buffel grass (*Cenchrus* ciliaris) on fauna, ecosystem function and culture in the arid landscape APY Lands Can this





Ellen Ryan-Colton PhD Student Charles Darwin University, partnering with APY Land Management

2000 Kalka, western APY Lands, puli (hill country)





Fregon, eastern APY Lands, karu (creekline) 1997



Develop a conceptual model

Longer term **OVER-STOREY** loss especially with fire, shift to grasslands

Shorter term UNDER-STOREY loss of floristic diversity and structural change

Relevance to buffel grass management – share knowledge during resurveys, raise awareness, may find consumer of buffel seed, protect trees from fire

