

Land Management and Conversation Fund projects – Round 3

Name	Title	Description	# years
Njanjma Aboriginal Corporation	Mikkinj Valley, East Alligator Catchment – Mapping, control and monitoring of invasive species – with a primary focus on Mimosa pigra.	<p>This project will result in improved strategic approach to substantially reduce Mimosa pigra infestations and other invasive species in the Mikkinji Valley, the upper most part the water shed for the East Alligator Catchment, which is managed by Njanjma Rangers (Njanjma Corporation). Mikkinj Valley is of regional significance for the management of Mimosa, being a primary upstream point for the East-Alligator catchment and Kakadu floodplains. Eradication of Mimosa from the Valley is essential to protect the successful removal of Mimosa in Kakadu and other downstream areas. Mikkinj Valley is also declared as a priority conservation area by the clans associated with Njanjma Corporation in our Healthy Country Plan. The natural and cultural values for the area are threatened by several significant expanses of Mimosa, which choke waterholes, displace native vegetation, provide refuge for feral pigs and buffalo, which in turn spread the weed and degrade environmental values.</p> <p>Njanjma undertakes regular Mimosa control in the Mikkinj Valley in partnership with Wardekken Land Management and Kakadu National Park which has reduced the number, density and extent for some patches of the Mimosa infestations with positive environmental outcomes. However, the extent of the Mimosa infestation which can be treated in the Valley is constrained by a limited operational funds which does not extend to covering the entire Valley area or an intensive focus on treating the more dense infestations as well as regular follow up. Furthermore, no funding exists to map/monitor the Mimosa & feral animals or the effectiveness of this work to support an improved approach. As such, the momentum and benefit through the current annual investment is not making sufficient impact to reduce the infestations in a cost effective and timely manner.</p> <p>This project will support Njanjma to strategically develop and expand Mimosa and feral animal control work and monitor its effectiveness, so that future workprograms can become progressively targeted, efficient and effective. The project involves: both aerial and field-based surveys to map the location and extent of Mimosa infestations; the development of a strategic plan for controlling Mimosa; a commitment of at least 75-100 days (involving up to 5 rangers per day) of intensive Mimosa control per year over the life of this funding – 2 years; ongoing monitoring and mapping of Mimosa (with aerial survey from 2017 as a baseline reference); using helicopter employed during aerial spraying which will be complimented with both on-ground and drone survey and the refinement of an ongoing Invasive species management plan for Mikkinj Valley.</p>	2