

## Department of Agriculture, Water and the Environment

### Wildlife and Habitat Bushfire Recovery Program - Tranche 2 projects

Project title	Location*	Applicant	Grant
<p>Preventing extinction for New England endemic plants</p> <p><i>Project will assess post-fire survival and establish recovery guidelines to prevent the extinction of 12 priority listed and nine associated endemic plant species. Activities include immediate protection of surviving individuals and improving knowledge and management practices for long term recovery.</i></p>	NSW Northern Tablelands	<p>University of New England</p> <p><i>Partner: Northern Tablelands Local Land Services</i></p>	\$263,300
<p>Recovery and resilience of Green Carpenter Bee populations</p> <p><i>The bee will be supported by on-ground works on Kangaroo Island, including installation of artificial nest sites. The project will also identify remaining populations in NSW, and explore areas with suitable habitat throughout south-eastern Australia.</i></p>	SA (Kangaroo Island), VIC (Grampians), NSW (multiple locations)	<p>Remko Leijds, Ecosystem and Biological Services</p> <p><i>Partner: KI Men's Shed</i></p>	\$111,194
<p>Protecting Kate's Leaf tailed Gecko through pest predator control</p> <p><i>Surveys will assess the impact of the bushfires on the Kate's Leaf-tailed Gecko. Pest animal control (particularly cane toads, foxes and feral cats) and habitat protection on private land will help prevent the decline of the species.</i></p>	North-east NSW (Richmond Range)	<p>Border Ranges-Richmond Valley Landcare Network</p> <p><i>Partners: North Coast Local Land Services, Boolangle Land Council, Boolangle Rangers</i></p>	\$154,475
<p>Friends with benefits: supporting the post-fire recovery of mutualistic insects</p> <p><i>Project will support the Purple Copper Butterfly through bush regeneration and weed management activities. Surveys will be undertaken to assist post-fire recovery, prevent local extinctions and inform long-term management.</i></p>	NSW Central Tablelands	<p>Central Tablelands Local Land Services</p> <p><i>Partners: Lithgow Oberon Landcare Association, Lithgow Council</i></p>	\$145,135
<p>Wildfire impact on threatened reptiles</p> <p><i>Project will conduct surveys of reptiles in bushfire affected sandstone landscapes of the Sydney region to provide data for conservation managers on the effects of</i></p>	NSW (multiple locations from north-west to south-west of Sydney)	<p>University of New South Wales</p> <p><i>Partner: University of Technology, Sydney</i></p>	\$244,798

wildfire and other threatening processes on priority listed reptiles.			
<p>Refuges for narrow range endemic invertebrates, butterflies and jewel beetles</p> <p><i>Project will identify areas in south eastern Australia where jewel beetles and butterflies have been most affected by the fires and where recovery might be slowed by feral herbivores or weeds, informing ongoing herbivore control to improve recovery prospects.</i></p>	Mountain areas in VIC, NSW and ACT	Deakin University	\$385,582
<p>Kangaroo Island priority invertebrates: post-fire assessment and recovery</p> <p><i>Project will assess the impact of the Kangaroo Island bushfires on 13 priority listed invertebrate species. On-ground surveys will help inform future management actions.</i></p>	SA (Kangaroo Island)	<p>Jessica Marsh (consultant)</p> <p><i>Partners: Local environment groups and the South Australian Government</i></p>	\$234,330
<p>Bushfire Recovery: Endangered Dry Sclerophyll Woodlands, Sydney Basin Bioregion</p> <p><i>Project will assess impacts and facilitate recovery from bushfires of Threatened Ecological Communities on the Cumberland Plain, using remote sensing and on-ground surveys. Seed collection will target threatened species. New knowledge will inform future managed burns.</i></p>	NSW (Western Sydney)	<p>Western Sydney University</p> <p><i>Partners: Deerubbin Local Aboriginal Land Council, Greater Sydney Local Land Services, University of New South Wales, and NSW Government agencies.</i></p>	\$268,068
<p>Preventing extinction in bushfire affected orchids</p> <p><i>Project aims to prevent extinction of 14 nationally threatened orchid species by (i) undertaking rapid surveys (ii) testing whether low reproductive rates or grazing by feral animals are threatening processes post-fire, and (iii) collecting seeds and propagation in botanic gardens for future reintroductions.</i></p>	SA (Kangaroo Island), VIC (east Gippsland and alpine areas), NSW (alpine areas)	<p>La Trobe University</p> <p><i>Partners: Australasian Native Orchid Society (Vic Branch), Native Orchid Society of South Australia, Australian Network for Plant Conservation, Royal Botanic Gardens Victoria, Botanic Gardens of South Australia, the Royal Botanic Gardens Sydney, the Australian National Botanic Gardens</i></p>	\$503,453
<p>Glenelg Freshwater Mussel protection and recovery post Crawford River fire</p> <p><i>Downstream water quality risks from ash and fine sediment will be reduced by excluding stock and repairing riverbank</i></p>	Crawford River, south-west VIC	<p>Glenelg Hopkins Catchment Management Authority</p> <p><i>Partners: Arthur Rylah Institute for Environmental Research, Gunditj Mirring Traditional Owners Aboriginal Corporation</i></p>	\$180,000

vegetation to protect Glenelg Freshwater Mussel habitat.			
Banking on seeds for bushfire recovery - Insuring against future loss <i>Seed collecting, surveys, germination trials, propagation, reintroductions and long-term seed banking will help prevent extinction and limit the decline of 21 priority plants and four Threatened Ecological Communities.</i>	NSW (multiple locations), VIC (multiple locations), WA (Stirling Ranges), ACT (Namadgi NP), SA (Kangaroo Island)	Australian Seed Bank Partnership <i>Partner: Australian Network for Plant Conservation</i>	\$155,276
Impact of megafires on priority land snail species in south-eastern Australia <i>Targeted field surveys on 18 species of land snails listed as priority invertebrates to determine the impact of the 2019-20 fire on these species and inform future management.</i>	NSW (multiple locations), VIC (multiple locations), ACT	La Trobe University <i>Partners: Museum Victoria, Australian Museum, NSW and VIC Government agencies</i>	\$342,323
Assessing, monitoring and enhancing priority plant species recovery after fire <i>Project will assess, monitor and enhance recovery of 19 priority plant species. Management actions include propagating plants, alleviating pollinator competition from European Honeybees and wasps, and alleviating grazing pressure.</i>	North-east NSW (multiple locations)	University of New England <i>Partner: NSW National Parks and Wildlife Service</i>	\$199,500
Rapid assessment and restoration of litter and log invertebrates <i>This project will test the impact of fires on log and litter invertebrates, identify refuges that may be critical for species persistence and population recovery and experimentally test emergency salvage of litter invertebrates using wild-to-wild translocation of leaf litter.</i>	NSW and VIC (south-eastern slopes of the Great Dividing Range from Bairnsdale, Vic to south of Wollongong, NSW)	La Trobe University <i>Partner: Deakin University</i>	\$311,379
Invertebrate conservation in the North East Forests of New South Wales <i>Project will assist in the conservation of priority invertebrate species through surveys, selection of sites for recovery and building capacity for on-ground conservation activities by linking with communities and citizen scientists.</i>	North-east NSW (multiple locations from the Hunter Valley to the NSW-QLD border)	University of New South Wales <i>Partner: Australian Museum</i>	\$858,931

<p>Recovering priority endangered plants and the giant dragonfly on the MidCoast</p> <p><i>Project will assist in the recovery and ongoing conservation of the Giant Dragonfly and three priority plant species. Population assessments, seed collection, replanting and long-term protection will help prevent the extinction of the plant species. Focus plants and breeding sites for the Giant Dragonfly will be protected.</i></p>	<p>NSW (MidCoast Council area)</p>	<p>MidCoast Council</p> <p><i>Partners: Forster Local Aboriginal Land Council, Taree Indigenous Development and Employment, NSW National Parks and Wildlife Service</i></p>	<p>\$172,010</p>
<p>Landcare re-establishing bush for birds and wildlife</p> <p><i>Project aims to revegetate properties in East Gippsland with high priority native vegetation to maximise the chances of long-term recovery of native plant species, by increasing their abundance, and enhancing habitat and food for wildlife into the future.</i></p>	<p>VIC (East Gippsland – multiple locations)</p>	<p>East Gippsland Landcare Network Inc.</p> <p><i>Partners: Birdlife Australia, Wildlife Unlimited</i></p>	<p>\$131,250</p>
<p>Enhancing fire recovery of Kangaroo Island rare endemic flora on private land</p> <p><i>Project will target 17 priority or threatened plant species only found on Kangaroo Island that occur on fire-affected private land and roadsides. Surveys will focus on post-fire regeneration and local residents will be trained to maintain surveys beyond the duration of the project. Outcomes will inform future prescribed burning strategies.</i></p>	<p>SA (Kangaroo Island)</p>	<p>Nature Conservation Society of South Australia Inc</p> <p><i>Partners: Eco Action Kangaroo Island, Kangaroo Island Conservation Landowners Association, Friends of Park Western KI District, Land for Wildlife Kangaroo Island, Field Naturalist Society of SA, Threatened Plant Action Group</i></p>	<p>\$345,471</p>

\* These are the indicative location of the projects, which are subject to change. Some projects involve activities across multiple locations in multiple states.