

Floating Landcare – Activity Summary 2019

Site Name:	Lion Island Nature Reserve.		
Location:	Pittwater	LGA:	Northern Beaches
Date of activity:	24/05/2019	Hectares treated:	0.01
Floating Landcare Program Partners:	Bec Mooy (GSLLS), Rachel Miller (NPWS)	Number of Volunteers participated:	9

Summary of on ground works

Volunteers helped install penguin nest boxes, removed Asparagus Fern, and completed a sweep of the foreshore for litter. Matt Keen, the fix-it -sisters, NPWS staff Rachel Miller and Ranger Nell gave the group the full story of Nesting Box trial.



NSW Environment Minister Matt Keen joined the Floating Landcare Volunteers and the fix-it-sisters to install new Penguin nest boxes on the Island. A trial to see if the burrows can increase penguin numbers on the Island. Photo Bec Mooy (GSLLS)



Nest boxes waiting to be installed. Photo Bec Mooy (GSLLS)



Ranger Nell and Volunteer Lynne Springgett install nest box 12 just off the beach to ridge track on the western face of the Island. Photo Bec Mooy (GSLLS)



The December 2018 Floating Landcare volunteer area nicely regenerating following

weeding efforts 6 months earlier. Photo Bec Mooy (GSLLS)



Always time for some weeding! Volunteers again focus on widening the weed free buffer down slope of the ridge and north of the track. Photo Bec Mooy (GSLLS)

Site Name:	Cunio Point		
Location:	Berowra Waters	LGA:	Hornsby
Date of activity:	09/07/2019	Hectares treated:	0.06
Floating Landcare Program Partners:	Bec Mooy (GSLLS), JP Kecman (NPWS)	Number of Volunteers participated:	26

Summary of on ground works

Cunio Point visits include an annual joining up with the Cumberland State Forest Volunteers, doubling volunteer capacity. The focus of weeding efforts is largely on the depletion of Mother of Millions at the site.



Berowra Creek on a cool July morning, a spectacle not to be missed! Photo Bec Mooy (GSLLS)



Volunteers at Cunio Point carry out a vegetation survey on Cunio Point. Monitoring will show what changes weeding efforts and small piles burns are having on the species richness at the site. Photo Bec Mooy (GSLLS)



Volunteers working gradually across Cunio Point focussing on removal of Mother of Millions and other succulents. Photo Bec Mooy (GSLLS)



The Cumberland State Forest volunteers make an annual trip to join the Floating Landcare volunteers to help with bush regeneration at Cunio Point. It's a change of scenery for the Cumberland group and an enjoyable catch up for the Floating Landcare volunteers, not to mention all those helping hands working on following up on the Mother of Millions. Photo Bec Mooy (GSLLS).

Site Name:	Milsons Passage		
Location:	Hawkesbury Estuary	LGA:	Hornsby
Date of activity:	27/07/2019	Hectares treated:	0.04
Floating Landcare Program Partners:	Bec Mooy (GSLLS), Tegan Burton (NPWS)	Number of Volunteers participated:	25
Summary of on ground works	At Milsons Passage volunteers focused on Lantana at the western end of the site and removed Crofton and other ornamentals remnant of the old house site garden at the eastern end of the site.		



Our drop of location today was where the Milsons Passage settlement meets the Park boundary. Volunteers worked in an easterly direction between the foreshore and the walking track using the cut and pint technique on the Lantana and creating piles of Lantana canes. Photo Bec Mooy (GSLLS)



Ranger Tegan Burton gives the volunteers the site brief and history of the long-term regeneration that has occurred at the eastern end of the Milsons Passage site. Photo Bec Mooy (GSLLS)



The eastern end of the Milsons passage site, pictured here with volunteers weeding, has had infill planted over the years to increase the diversity of native ground covers and grasses. Originally an old stone house site with garden, the Lantana moved in and was the dominated 4m high canopy species. Photo taken looking east towards the Hawkesbury River Bridge. Photo Bec Mooy (GSLLS)



The end of another great day on the River with Floating Landcare. Photo Bec Mooy (GSLLS)

Site Name:	Collingridge Point		
Location:	Berowra Creek	LGA:	Hornsby
Date of activity:	04/10/2019	Hectares treated:	0.02
Floating Landcare Program Partners:	Bec Mooy (GSLLS), Donna Fitton, JP Kecman (Hornsby Council), Tegan Burton (NPWS)	Number of Volunteers participated:	19

Summary of on ground works At Collingridge Point the focus of this activity was largely bagging seed heads of Crofton weed and maintenance of Lantana piles from previous visits.



Floating Landcare Volunteers carefully bagging the flowering seed heads of Crofton Weed at Collingridge Point and treating any regrowing Lantana with glyphosate to ensure the significant midden isn't disturbed. Photo Bec Mooy (GSLLS).



The volunteers have made incredible progress at this site with each visit. The point started off as a very bad and large patch of Lantana. The amazing rock shelter has been uncovered at the top of the ridge, blady grass has moved in where Lantana once was and is holding together a midden. Keeping on top of the Crofton is the next challenge. Photo Bec Mooy (GSLLS).



Volunteers ready to board the barge. The Collingridge Point visit was a little bit shorter than usual. It was an early October heatwave day with temps in the mid 30s, strong north westerly winds picked up so we departed for lunch at a much shadier and calmer spot on the River. Photo Bec Mooy (GSLLS).

Site Name:	Mackeral Beach		
Location:	Pittwater	LGA:	Northern Beaches
Date of activity:	19/10/2019	Hectares treated:	0.025
Floating Landcare Program Partners:	Bec Mooy (GSLLS), Jude Morris (NPWS)	Number of Volunteers participated:	18

Summary of on ground works 18 Volunteers participated for the final Floating Landcare activity with Bec Mooy. Volunteers worked on Bidens, Cestrum, Cassia, Asparagus Fern and assisted with some infill planting. This site has come along way from the Lantana jungle it once was.



This area behind Mackeral Beach and the tidal Creek once had an under story of Lantana that reached the tree canopy of the casuarinas (see dead Lantana part way up tree trunk on left). Volunteers planted tube stock of Acacias, other shrubs and grasses to encourage diversity in the mid canopy and ground layer. Photo Bec Mooy (GSLLS)



Volunteers chipping away at a large thicket of Green Cestrum. Photo Bec Mooy (GSLLS)



Volunteer Bernie and Jude Morris, NPWS with tubestock grown by the Garrigal NPWS nursery volunteers. Photo Bec Mooy (GSLLS)



Visits to Mackerel Beach usually have an opportunity for getting your feet wet! Photo Bec Mooy (GSLLS)



Volunteers celebrate another fantastic visit to Mackerel. Everytime we visit we inch closer to less Cestrum, Lantana, Cassia, Asparagus Fern and improved diversity with some assistance of infill planting. Photo Bec Mooy (GSLLS)

Site Name:	Hungary Beach		
Location:	West Head	LGA:	Pittwater
Date of activity:	9/11/2019	Hectares treated:	0.1
Floating Landcare Program Partners:	Jude Morris (NPWS), Andrew Scott (North Sydney Council Bushcare)	Number of Volunteers participated:	30

Summary of on ground works

The Hungary Beach visit had many helping hands with a dozen volunteers from North Sydney Council joining up with the Floating Landcare volunteers. The volunteers got to work early on the Mother of Millions hiding in amongst the Bracken on the sandy flats behind the beach. As the day moves into afternoon volunteers work their way upslope chasing the shade and the less dense mother of millions and occasional Crofton weed and Ehrharta.



Volunteers heads down as they sweep through the bracken behind the beach searching for Mother of Millions big and small. Photo Jude Morris (NPWS)



Thanks to Judy Morris (NPWS) and Andrew Scott (North Sydney Council) for organising a huge volunteer day combining both the Floating Landcare volunteers and the annual visit to a Floating Landcare activity by the North Sydney Bushcare group. So Many bags of Mother of Millions. Bring on Floating Landcare on the Hawkesbury 2020. Photo Jude Morris (NPWS).

