

New Weed Incursion Report – July 2020

Updates for New Weed Incursions

Weed Incursions	Date (first reported)	WRA Outcome / Management Objective	Key features & comments
<p>Ming Asparagus <i>Asparagus macowanii</i> var. <i>zuluensis</i></p> <p>Infestation 1: Minto Heights Infestation 2: Kentlyn_</p> <p><u>Campbelltown City Council</u></p>	August 2019	Regional Eradication	<p>Infestation 1: - Retreated area, no plants found in June 2020.</p> <p>Infestation 2: Initially recorded 26 August, 2019. Plants >50. Control works undertaken in June 2020. Infestation dispersed over 1 hectare, mainly in intermittent drainage line.</p> <p>Infestation 3: Recorded in May 2020 and searches through June found up to 20 plants spread across 2 km of private land. Source plant was 1.8 m tall and 2m across. Treatment scheduled in July-Aug 2020.</p> <p>Infestation 4: Recorded in June 2020. Up to 20 plants north and south of Ben Lomond Road and across to rear of large lots on Hansens Road, Minto. Mainly in abandoned house lots purchased by NSW Department of Planning. Control to be scheduled and undertaken by Council Officer.</p> <p>Infestation 5: Recorded July 2020. Derby Street, Minto Heights in road reserve, dumping maybe? Need more extensive search, up to 50 plants. Roadside to be controlled by contractor in July-Aug 2020.</p> <p>Inspections for Ming Asparagus will continue for next five years in Minto and Kentlyn.</p>
<p>Climbing Asparagus <i>Asparagus africanus</i></p> <p><u>Campbelltown City Council</u></p>	November 2018	Regional Eradication	<p>Known infestation at Minto Heights treated June 2020. No new infestations found within Minto Heights and Kentlyn to date. Additional private inspections to be completed over the next 5 years for Minto Heights and Kentlyn.</p>
<p>Frogbit <i>Limnobium laevigatum</i></p> <p><u>Georges River at Glenfield Bridge, Campbelltown.</u> <u>Campbelltown City Council</u></p>	June 2019	Prevention (Prohibited matter)	<p>No return of infestation in Georges up to June 2020. Control and surveillance to be restarted in September.</p>
<p>Kei Apple <i>Dovyalis caffra</i></p> <p><u>Liverpool Council</u></p>		Regional Eradication	<p>Surveillance and control works undertaken. 182 private properties inspected. Western Sydney Parklands inspected and control was undertaken.</p>

Kei Apple <i>Dovyalis caffra</i> <u>Oakville, Yarramundi</u> <u>Hawkesbury River County</u> <u>Council</u>		Regional Eradication	Private property inspections and control of all identified plants have been completed by HRCC. Below are the total trees controlled in each area 190 Oakville. 9 Yarramundi 23 Landilo/ Shane's park.
Kei Apple <i>Dovyalis caffra</i> <u>Western Sydney Parklands –</u> <u>Bungaribee. Hawkesbury</u> <u>River County Council</u>		Regional Eradication	HRCC inspections interrupted by floods, changing seasons, and new incursions. HRCC inspectors will complete the surveillance in spring 2020. Eastern creek waste management and prospect dam nature reserve have been inspected with no new incursions being identified. However, follow up inspections may be necessary in spring 2020. Spring 2020 inspections will be undertaken for the raceway as well.
Kei Apple <i>Dovyalis caffra</i> Hawkesbury River County Council Mount Vernon	June 2020	Regional Eradication	A new incursion was identified by HRCC weed officers and confirmed by the Biosecurity Weeds Coordinator. From preliminary surveillance, the incursion is estimated to be significant however inspections in Spring 2020 will confirm the extent of the incursion.
Kei Apple <i>Dovyalis caffra</i> <u>Kemps Creek NP</u> <u>Wiannamatta RP</u> <u>National Parks and Wildlife</u> <u>Service</u>	June 2019	Regional Eradication	Kemps Creek NR: Ongoing surveillance and control Wianamatta RP: Recent surveillance yielded one plant detected which was controlled.
Glory Lily <i>Gloriosa</i> <i>superba</i> North Head, Manly <u>Sydney Harbour National</u> <u>Park, National Parks and</u> <u>Wildlife Services</u>	January 2019	Regional Eradication	Plants treated over the summer growing period. Hand spraying (last date done was 28 January) with glyphosate + Metsulfuron methyl; further follow up sprays were not done due to staff deployments to the summer bushfire emergencies. Flowers and fruit have been destroyed by incineration. The affected area was surveyed (walked) over summer and again in early winter and distribution has not expanded from last year. The glory lily was not showing many signs of being affected by spraying, but is currently in winter dieback.
Glory Lily <i>Gloriosa</i> <i>superba</i> Bradley's Head, Mosman <u>National Parks and</u> <u>Wildlife Services</u>	April 2020	Regional Eradication	No work has been done on the recently discovered (reported April 2020 and coordinates logged in the NPW PWIS database) infestation at Bradleys Head as the plant is in winter dieback. The initial report suggested glory lily occupies an area approx. 10x5m i.e. a spot infestation in a weedy area. The presence of other garden escape weeds like fishbone fern and African olive suggests it may have been introduced by the dumping of garden waste. A more comprehensive survey and field mapping will be scheduled for spring.

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<i>Galenia pubescens</i> The Entrance North Central Coast Council	January 2020	Regional Eradication	Galenia in mown reserve sprayed, work ongoing in dunes. Work yet to commence on small patch at Kilcare beach.
Giant devils fig <i>Solanum chrysotrichum</i> Holgate, Central Coast Council	July 2020	Regional Prevention	One plant along roadside, hand removed. Future surveillance planned

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Giant Devils Fig <i>Solanum chrysotrichum</i> <u>Wamberal, Central Coast Council</u>	July 2018	Regional Prevention.	Ongoing control of seedlings. No mature plants evident.
Lion's Tail <i>Leonotis nepetifolia</i> <u>Central Coast Council</u>	February 2018	Regional Eradication.	A number of small seedlings removed on the council portion of the infestation, larger flowering plants removed and bagged with assistance of rail authorities.
Groundsel Bush <i>Baccharis halimifolia</i> <u>Somersby, Central Coast Council</u>	December 2017	Regional Eradication.	Seedlings removed when found. Seedlings consistently germinating throughout the year. Darkinjung LALC have controlled seedlings that came up on their land. Larger plants spot treated by council on roadside, more plants recently found within existing infestation area and will be treated after wet weather finishes.
Parthenium Weed <i>Parthenium hysterophorous</i> <u>Ravensdale, Central Coast Council</u>	June 2020	Prevention	Hundreds of established, flowering plants and seedlings at a peri urban residence in the Central Coast LGA was reported to Council by the owner on June 21 after they received the NSW DPI Seen this plant? Flyer. The suspected source is organic chicken feed supplied by Country Heritage Feeds in Pittsworth, Queensland, via Mangrove Mountain Produce and Hardware, who have been extremely cooperative in tracing any previous sales in the area and removing the product from sale. Control and eradication plan written. Plants and top layer of soil removed double bagged and disposed of in waste management facility. Site has been fenced and an initial layer of mulch placed over exposed soil. Signage placed around perimeter of infestation. Works yet to be completed are remaining grass to be sprayed with metsulfuron methyl, and mulch to be brought up to 300mm deep.
Parthenium Weed <i>Parthenium hysterophorous</i> <u>Engadine, Sutherland Shire Council</u>	April 2020	Prevention	The first reporting of Parthenium weed East of the Dividing Range. The incursion consisted of three (3) unbranched flowering plants, emerging from a compost heap and beneath volunteer corn and pumpkin plants. The suspected source is organic chicken feed supplied by Country Heritage Feeds in Pittsworth, Queensland, via the Enfield Rural Supplies store. The plants were hand removed. Ongoing surveillance and monitoring of site.