

## Friends of Inglewood Triangle

### A Management Plan for Inglewood Triangle Reserve 2020 – 2023 with Actions for 2021

In January 2020, the Friends of Inglewood Triangle identified their long-term goals for the group and for Inglewood Triangle Reserve. These were developed into a plan that showed the time horizons for various activities and has been updated to identify the 2021 activities and progress against those activities. The long-term plans are built around the following principles of (i) **Managing threats**; (ii) **Revegetation and recovery**; (iii) **Community engagement** and (iv) **Extending conservation**.

- i. Managing threats – grassy & invasive weeds especially veldt, fumaria and black flag and managing for dieback
- ii. Targeted revegetation and recovery in Section D – the most degraded part of the site
- iii. Continue strong community engagement through collaboration with schools (such as Perth College); partnering with local organisations (such as Inglewood on Beaufort and Mt Lawley Inglewood Community Garden) and delivery of Spring Walks
- iv. Extending our conservation influence across the ecological corridor from Inglewood Triangle, including bushland adjacent to the Terry Tyzack Aquatic Centre (Birdie Bush) and the bushland of Mt Lawley Golf Club

STRATEGY	2020 Actions	2020 Results	2021 Actions	2022 Actions	Outcomes by 2023
<b>Managing Threats</b>					
Overall weed management			Develop a weed management plan: <b>CA &amp; GZ Completed</b>	<b>Review and update the plan</b>	<b>Weeding activities undertaken in accordance with plan</b>
Veldt grass and other weeds, especially to mitigate fire risk	Continue weekly weeding efforts by FoIT in A, B and C to be veldt free by Summer. <b>Secure funding or CoS support for hand weeding veldt in Section D</b>	Excellent weeding efforts by volunteers; largely veldt free Used CoS special grant to supplement hand weeding (Harmony Weeding)	Continue weekly weeding efforts by FoIT in A, B and C to be veldt free by Summer. Complement weekly weeding with monthly Weed Busting Blitzes. <b>CA to lead</b> <b>Secure funding or CoS support for hand weeding veldt in Section D (included in the 20-21 CoS application)</b> <b>Progressing well</b>	Continue weekly weeding efforts by FoIT in A, B and C to be veldt free by Summer <b>Secure funding or CoS support for hand weeding veldt in Section D</b>	Most significant weeds well controlled in all Sections (veldt, fumaria, black flag, Geraldton carnation weed, pink gladdie, ixias)

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Black Flag	Develop plan for removal of Black Flag from degraded parts of D and source the resources to implement. Trial hand sieving corms in target areas, investigate removal of soil overburden. <b>Secure funding to test spray with Metsulphuron and to remove soil overburden</b>	Spraying not carried out (CoS missed the July holidays window) Steam weeding carried out experimentally in D, reports of good results at Star Swamp Some hand sieving carried out; check impact ~ June 2021	Implement a <b>Black Flag removal program</b> based on pilot actions <b>Secure funding support</b> CoS indicate steam weeding might be effective; encourage them to test at Inglewood Triangle <b>CoS has carried out steam weeding; FoIT have persisted May – October with hand removal of Black Flag</b> <b>Excellent results</b>	Continue or persevere with <b>Black Flag removal program</b>	Effective strategies trialled with substantial progress to reduce presence of Black Flag
Include other intractable weeds			Review management options for freesias, ursinias and bridal creeper and find a way of adding them into our annual program. <b>CA &amp; GZ</b> <b>Hand removal of Bridal Creeper (rhizome removal)</b>	Persevere with removal of freesias, ursinias and bridal creeper.	Effective strategies trialled with progress to reduce presence of freesias, ursinias and bridal creeper
Dieback treatment	Implement CEP Grant: <ul style="list-style-type: none"> <li>spraying with phytospray</li> <li>new boot cleaning stations</li> <li>Training program</li> </ul> Citizen Science monitoring of tree health (Volunteer Grant)  Identify dieback prevention measures not managed via grants and propose them to CoStirling ( <b>soil testing for Phytophthora, complete the internal fencing</b> )	<input checked="" type="checkbox"/> CEP grant fully implemented, report completed and accepted, all funds acquitted including purchase of GPS unit; <input checked="" type="checkbox"/> Soil testing carried out by CoS. NOTE: significant spread of Dieback since 2018. <input checked="" type="checkbox"/> Internal fencing completed by CoS	Initiate the Citizen Science project <b>to monitor</b> tree health supported by Volunteer Grant: training workshop 1 <sup>st</sup> quarter then commence 2 <sup>nd</sup> quarter Section C needs extensive <b>phosphite treatment; included in 20-21 CoS Grant - DONE</b> Carry out a <b>Dieback Interpretive workshop</b> to further build awareness in members – <b>DONE</b>	Citizen Science monitoring of tree health continues (Volunteer Grant)	Ensure that we have taken all steps possible to halt the spread of dieback in the reserve.  Phosphite treatment established to a 3 yearly cycle.  Report on tree health in Inglewood Triangle

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Site specific signage that welcomes, informs, educates and engages community in conservation	Propose site specific signage	Success in name change to Inglewood Triangle Reserve (from Walter, Hamer, Eighth Reserve) Site specific signage included in 2021 CoS grant application	Working group established to develop and initiate a signage plan: <b>SC, VD, TR and RDA – DONE</b> Provision for Dieback specific signage in CoS 20-21 grant Resolve ‘signage clutter’ and installation issues with CoS. <b>IN PROGRESS</b>	Any further activities to implement the signage plan	Increased appreciation and appropriate use of Inglewood Triangle. Increased community engagement in conservation of Inglewood Triangle.
<b>Revegetation and recovery</b>					
Revegetation in progress	Continue summer watering (2019/20) in Sections B and C.	<input checked="" type="checkbox"/> Completed  Dasypogons planted into C & D and are being watered weekly	Continue watering Dasypogons <b>TR to lead DONE</b>	<b>Weekly watering of the new “tip” of the Triangle (to May 2022)</b>	
Targeted revegetation in D: dealing with black flag in a defined area; identifying the plants most suitable for the site and developing a planting and watering plan	Develop a plan for revegetating the areas that will be treated for Black Flag (with a planting date of 2022)  This will include assessing the value of watering seedlings beyond first year; the use of mulch and a preferred plant list to guide purchase of stock with the aim of maximising survival rates.	Spoil removal from part of Section D is in progress – contractor quote accepted; additional funding is being secured; spoil removal scheduled for 1 <sup>st</sup> quarter 2021	Spoil removal scheduled for 1 <sup>st</sup> quarter 2021; contractor is CoS approved. <b>TR to lead DONE</b> <b>Plant selection</b> appropriate for the site characteristics for 2022 planting season, with some limited planting in Winter 2021 in parts of B. Working group established: <b>CR, CA and GZ. IN PROGRESS</b> Investigate sourcing seedlings from Murdoch TAFE nursery – <b>TBC</b> Investigate options for <b>mulch – TBC</b>	<b>Targeted planting</b> in Section D in late June. Summer watering from <b>October</b>  Applying <b>mulch</b> to planted area	A revegetation program is in place for Section D  A Summer watering program is in place for Section D

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<b>Community engagement</b>					
Perth College Kindy Class collaboration	Continue as much as possible given pandemic conditions.	3 visits possible in 2020 plus a return morning tea in December	Continue with approx. 6 visits per year <b>CA &amp; CR to coordinate 8 VISITS IN 2021</b>	Continue with ~6 visits pa Involve PC in planting	Continue with ~6 visits pa, with PC involved in planting and watering
Liaison with ECU			Liaison with staff at ECU <b>DB to lead TBC</b>		
Community Engagement Program: Deliver guided Spring walks Sep - Nov	Plan developed (and trialled) in 2020; with intention to be an annual series from 2021. <b>Secure funding or CoS support</b>	CoS funding support secured 8 walks conducted and evaluated; shirts and resources funded through grant	Deliver guided spring walk program at Inglewood Triangle, implementing recommendations of 2020 trial evaluation. <b>AB to coordinate COMPLETED</b>	<b>Spring Walk/s and/or other community engagement activities based on evaluation of 2021 program'</b>	Four guided spring walks annually at Inglewood Triangle
Enhanced signage that both educates and protects	Rename the site 'Inglewood Triangle' – in progress by City of Stirling. Propose site specific interpretive signage	Has been approved by CoS and both signs have been changed	<b>Working group established: SC, VD, TR and RDA</b> Achieve CoS support for installation of site-specific interpretive signage Seek external funding for Shelter with information boards through local MP's office (Stronger Communities Programme Round 6) <b>CR to lead grant applicn UNSUCCESSFUL APPLYING AGAIN FOR 2022</b>	<b>If funded, project manage installation of a Shelter and interpretive signage</b>	Enhanced presentation of natural assets.

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City of Stirling Verge Tree Planting program			Provide input into CoS plans to plant verge trees around the perimeter of Inglewood Triangle ranging from species selection through to supporting community planting activities <b>COMPLETED</b>		Appropriate species were selected and have shown good survival rates after first two summers
<b>Extending conservation influence</b>					
Extend our reach to Mt Lawley Golf Club		Developed a relationship with Mt Lawley Golf Club with plans to do a joint Clean Up Australia Day at the Golf Club	Joint Clean Up Australia Day at Golf Club 7 March 2021 Joint grant applications planned (eg State NRM) <b>PStJ, RDA, CR COMPLETED</b>	Continue joint Clean Up Implement successful grants; continue to apply for joint grant funding <b>Use State NRM grant to develop collaboration</b>	Included Golf Club volunteers in any training on weed identification and removal and other subjects of mutual interest
Extend our reach to Birdie Bush (bushland at TT Centre)	Clean Up Australia Day (1 March) held at Birdie Bush, local MP attended Develop a plan for Birdie Bush in conjunction with CoS. Provide bushland advice to The WA Golf Club	Some involvement in the formation of a Friends of Coolbinia Bushland	Develop a plan for Birdie Bush that integrates with plans by MLGC Consult with CoS Use funding support provided by Millman / Baker grant to initiate the plan. <b>SC, T, CR, CA, DB, PStJ BUSHLAND DISCOVERY DAY HELD 29 SEPTEMBER JOINT STATE NRM GRANT SUBMITTED AND PARTIALLY FUNDED</b>	<b>Use State NRM grant to support continued community engagement</b>	Extended our conservation influence to other bushlands – such as Birdie Bush; the golf clubs. Contributed to City of Stirling Local Biodiversity Strategy
iNaturalist	Continue to populate the site	Turtle frogs Nov 2020 iNaturalist: 202 obs, 149 species, 4 people	Continue to populate site <b>GZ, JC</b>		

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<b>How we operate</b>					
Build our volunteer base and share the workload	Maintain Facebook presence Run community walks in Spring (COVID-19 willing) Provide training opportunities (noting COVID-19 restrictions)	Paid-up members = 25 Community walks held Training opportunities for weed management & dieback management offered Citizen Sci training planned for early 2021	Maintain Facebook presence Spring community walks Provide access to training, <b>IDENTIFIED VOLUNTEER FOR FACEBOOK PROMOTION, SPRING WALKS COMPLETED, 3 TRAINING WORKSHOPS PROVIDED</b> Establish a method for monitoring the contribution of volunteers	Volunteer hours reported monthly to CoS	Maintain or expand current strong community interest in FoIT and identify future leaders Contribution to City of Stirling Local Biodiversity Strategy
Volunteer training			Funded by Volunteer Grant Weed management Dieback Interpretative Walk Citizen Science - monitoring tree health <b>CR to lead COMPLETED</b>	<b>Anticipate 2022 Volunteer Grant success; further training opportunities for volunteers</b>	More knowledgeable and effective members
City of Stirling operational support		Not accessed in 2020	Develop a bush carers kit and provide to members who undertake on-ground work. Seek reimbursement from C o Stirling <b>CR to lead TBC</b>	Provide bush carers kit to new members	Members undertaking on-ground work are provided with key supplies necessary for safety and good bushcare practices

19 January 2021 updated 1 November 2021