

Top

Latest

People

Photos

Videos

News



Arjuna Nadaraja @ArjunaN2... · 25/3/17

Is this a canoe tree? If so its destruction in Wanniasa is a shame #canoetree #canberraheritage #aboriginalsite @nma #nationalmuseumaustr



Reply, Retweet, Like, Share icons



ACT ESA @ACT_ESA · 13/1/17

Fallen tree leads to small grass fire - Wannisassa esa.act.gov.au #Wanniasa #fire

Reply, Retweet (1), Like, Share icons



Woden SES Unit @WodenS... · 30/12/16

30mm of rain for Tuggeranong, 20+ jobs. Woden crew is out attending flooding, trees down. Wanniasa hardest hit.



ACTmap*i*

User Input Title

Notes:

1: 2,000



DISCLAIMER

The map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current or otherwise reliable.

01-Aug-2018

Page 1 of 1



ACT
Government





13th November 2018

RECOMMENDATIONS FOR MOVEMENT AND STORAGE OF WANIASSA SCAR TREE.

SCOPE:

Conservation Works Pty Ltd was asked to inspect the scar tree at Wanniasa and advise on its safe movement to a storage location. Recommendations in this report are to safeguard the tree trunk and stump only. We have made no comments about safe work procedures. This is the responsibility of the parties involved in the physical work.



Image one Trunk and stump Nov 2018.

Conservation Works Pty Ltd ABN: 54 084 850 322

Postal Address: PO Box 419, Hall, ACT 2618, *Mobile:* 0413 861 450

Email: conworks@lilliansfel.com.au

CONDITION:

The tree trunk at Wanniasa is in robust condition. The tree has been cut down for a period of a least one year. There is no bark remaining on the tree, indicating it may have been dead prior to being felled.

It is believed to be a yellow box. The long trunk section is approximately 4 metres in length. Yellow box has a dry density of about 1100kg/m². We estimate the volume of the tree to be about two cubic metres giving a likely mass of around 2200kg

There is evidence of termite activity inside the trunk. This may or may not be active.



Image two: evidence of termite activity

The tree was felled by someone inexperienced with a chainsaw. As well as the felling cuts there is a cut across the top of the log, estimated to be about 1/3 of the depth of the trunk.



Image Three: note cut across the top of the log

The stump, which remains in the ground has the lowest portion of the cultural scar on it.



Image Four: cultural scar on stump

RECOMMENDATIONS FOR MOVEMENT

This tree and stump are in much better condition than any of the previous scar trees that have been moved in the last few years. The trunk and stump can be safely moved taking the following precautions:

- **MOVE THE TRUNK FIRST** – to avoid any damage to it while the stump is being dug out of the ground.
 - The trunk should be lifted with a minimum of five straps, spread out along the trunk as show in the image below.
 - Nylon straps, not chain should be used.
 - A simple steel spreader bar should be used to distribute the load of the trunk evenly. This also avoids creating bending forces within the trunk.

- The position of the straps on the trunk should be cushioned with foam to try and eliminate polish/scuff marks from the straps. Firm foam yoga mats cut into strips are good for this.
- The cut on the top third of the trunk should be packed with plywood. It is possible that the trunk could bend around this cut. Packing the gap will minimise the risk of the trunk folding at this point. Plywood strips cut to the width of the sawcut should be inserted radially, leaving a reasonable length protruding to allow for removal in the future.



- The trunk should be placed on a flat bed truck for transport. It should be cushioned well from the bed of the truck. Second-hand mattresses are the best option for protecting the trunk while on the truck. Straps used to hold the trunk down should also be cushioned with foam matting to avoid abrasion.

- EXCAVATE THE STUMP
 - Excavate the stump with a combination of mechanical excavation and hand digging/sawing.
 - Excavate the stump at two metres from the outer edge. This will allow a safety margin, avoiding damage to the above ground parts of the stump. The idea is to remove the stump as completely as possible to allow the maximum range of options for use of the stump in an interpretive situation.
 - Where possible roots should be cut rather than snapped/torn.
 - The crew doing the excavation should be made aware of the scar location and take extra care not to damage this portion. A heavy tarp/blanket should be placed over this area during excavation.
 - Once free, the stump can be lifted with nylon straps. Any straps around the above ground portion of the stump should be cushioned with foam matting.
 - The stump should be placed on a flat-bed truck for transport. It should be cushioned well from the bed of the truck. Second-hand mattresses are the best option for protecting the stump while on the truck. Straps used to hold the stump down should also be cushioned with foam matting on any above ground areas of the stump.

RECOMMENDATIONS FOR STORAGE

The proposed storage location at the Parks depot is shown below:



The following should be considered when placing the trunk and stump in storage:

- Both pieces should be blocked up clear of the ground on treated pine sleepers or similar. They should be off the ground on a termite proof material. Breaking the ground connection will protect the pieces from further termite activity.
- The ground below the pieces should be cleared of leaf litter to reduce the risk of burning in a grass fire.
- Ideally a tent structure should be erected over the pieces to avoid rain saturation. Care should be taken that the tarpaulin cover does not touch the surface of the timber or abrasive damage from the wind blowing the fabric could occur. Additionally, the tent should not be constructed so tightly around the timber as to reduce air flow.

CONSERVATION AND STABILISATION

Once the long-term future of the trunk and stump has been decided, further work to stabilise and protect the timber may be required. Advice on these options is outside the scope of this report. Possible treatment options depend of the physical location of the tree parts as well as the desires of the local community.

PHOTOGRAPHS – NOVEMBER 2018



Image 001 IMG_0613



Image 002 IMG_0614



Image 003 IMG_0615



Image 004 IMG_0616



Image 005 IMG_0617



Image 006 IMG_0618



Image 007 IMG_0619



Image 008 IMG_0620



Image 009 IMG_0621



Image 010 IMG_0622



Image 011 IMG_0623



Image 012 IMG_0624



Image 013 IMG_0625



Image 014 IMG_0626



Image 015 IMG_0627



Image 016 IMG_0628



Image 017 IMG_0629



Image 018 IMG_0630



Image 019 IMG_0631 – proposed storage location