

Supplementary Material

Using historic maps and citizen science to investigate the abundance and condition of survey reference ‘blaze’ trees

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Fig. S1. Example of a benchmark (BM) survey reference tree (*Callitris glaucophylla*), showing an (abbreviated) broad arrow (normally shown as ‘↑’), a ‘BM’ partly obscured, the number ‘2783’ indicating its position on a survey traverse, and the initial ‘D’, for surveyor Mr J. D. Dalglish, who blazed this tree in 1932 (NSW WIC 1932). The marker ruler shows the height of blaze features above ground level at the base of the tree. Photograph: P. Spooner.



Fig. S2. Example of permanent marker (PM) reference tree (*Eucalyptus melliodora*) surveyed in 1962. The 'PM' marking which is chiselled is in excellent condition (top of blaze face), but is becoming hidden by blaze overgrowth. Photograph: B. Thompson.



Fig. S3. A dead *Callitris glaucophylla* post, surveyed in 1910, used to mark out a planned cemetery portion in State Forest Reserve. Photograph: P. Spooner.



Fig. S4. Example of a blaze ‘chop-out’, where a surveyor in recent times has chopped out the overgrowth of a large box tree (probably *Eucalyptus melliodora*), to reveal the original blaze. This tree was first surveyed in 1936, where the portion number ‘238’ has been re-chiselled on the lower lip of the chop-out. Located in the Holbrook focus area. Photo: P. Spooner.



Fig. S5. Surveyor's marks of a broad arrow and '31' chiselled (height ~120 cm, left side of scar) on what appears to be an Indigenous scar tree. Portion survey and likely blaze date is 1907, located near Comer Travelling Stock Reserve. Photograph: P. Spooner.



Fig. S6. A recent blaze on *Callitris glaucophylla*, marked with only a broad arrow. The purpose of this blaze was not clear from available evidence. Photograph: P. Spooner.



Fig. S7. A trig station tree, surveyed in 1965 in the Savernake district (west of Corowa). The SCIMS database reference is TS131 CMA1-064 (NSW LPI 2016e). Photograph: P. Spooner.



Fig. S8. A strainer post that has been marked by surveyors, situated on the corner of a Travelling Stock Reserve, Burrumbuttock NSW. Photo P. Spooner.