

MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE
REGISTER

MAY 1998

PREPARED BY

OPEN SPACE MANAGEMENT PTY LTD

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1 INTRODUCTION

Mildura Rural City Council recognises the environmental, historic and aesthetic value of trees located on public and private land within the municipality. The district contains historic buildings and infrastructure considered to be of significant heritage and tourism value. Buildings, infrastructure and horticultural crop production associated with early settlement are important landscape components, however of equal importance are the surroundings within which these assets are located.

These surroundings are dominated by trees planted at the time of initial construction or site development. Plant selection during those times of early settlement was often without knowledge and understanding of plants, particularly Australian native plants. The general natural landscape was diverse in native plants, however their form and type may not have provided settlers with the image they wanted. Exotic species or plants from other regions became key selections. These selections now form a regional image quite distinct in its character and consisting of an unusual selection of trees.

Preparation of a significant tree register aims to assist Council to conserve and protect environmental values and historic precincts. Tree registration is considered to be an essential action to ensure planning regulations provide environmental protection, and is designed to achieve two key outcomes. Firstly, to provide a planning framework for tree protection from environmental and condition changes which may directly harm trees, and secondly, to develop management programs for long term survival and health.

A Significant Tree Register is a living document, and requires updating to accommodate additional plants which become evident, natural disasters which cause tree death or decline, and changes made to public and private community infrastructure. The Register contains listings of trees on public land, private property, and private land which is readily accessible. Recommendations are made for future management and ongoing actions required to ensure trees are protected and conserved for the benefit of existing and future populations.

The region is dominated by a relatively small number of tree species which have developed to reach maturity. These trees are large and distinctive in character. The flat terrain provides views for some distance, and horizons containing visions of tree forms which contribute to the regions uniqueness. Tree loss or destruction will therefore have a significant impact on regional image and protection which will be assisted by recognising significant trees.

The assessment and review process has identified 937 trees within 144 sites, including trees previously registered by the National Trust (Victoria), trees listed by Council as significant, and additional trees identified in this current review as worthy of consideration.

2 BACKGROUND

2.1 Tree selection

Mildura and surrounding regions are special in terms of tree selection and management. Local conditions including soils, rainfall, temperature, humidity, and aspect are peculiar to the region, making tree selection difficult. Tree selection appears to have been well researched and species selected for their potential to succeed. The region has a number of trees which suit local micro-climatic conditions, and have over the years developed and matured into fine specimens or stands of trees. The result is a fine selection of trees providing a distinct regional image and character, and one which identifies Mildura and associated towns as distinct from other Australian rural towns and settlements.

2.2 Regional influences

The value and importance of trees cannot be underestimated. Intensive land cultivation and cropping in a relatively low rainfall zone is dependent on irrigation and the region owes its success to the Murray River. This success is however overshadowed by salinity issues. Overcoming salinity is a long term program, however it is exacerbated by tree removals. Council intends to ensure that the impact of salinity is not increased as a result of tree removal, and intends developing tree management programs which minimise tree loss. Part of that program is the listing of significant trees.

2.3 Signature trees

Council intends that significant trees will be afforded protection in terms of their physical well being and their health, their beneficial impact in terms of regional and township image, and their benefits in terms of historical value to buildings, historic precincts and related infrastructure. Trees which are 'signature' trees and responsible for establishing a distinct image are of particular importance.

2.4 Tree registration

The National Trust Register has previously identified a number of individual and group trees considered to be of significance. Council has listed a number of additional trees from earlier assessments, however these are yet to receive National Trust recognition. The undertaking of this current assessment and recording tree details, including photographic representation is designed to establish a comprehensive list of trees for consideration, and provides Council with comprehensive data base to assist decisions regarding future land development. The listing also provides the Park Unit with information to prepare management, capital works budgets and maintenance programs.

2.5 Management and maintenance

Maintenance and management of trees on public land is the responsibility of Council's Parks Unit. Wire clearance, watering, general pruning, removal, replacement and new plantings are programs performed on a daily basis. Programs which ensure key trees are protected and conserved rely on general and technical knowledge of trees specific to the region. Trees on private property are the owners responsibility and Council has little influence over their maintenance. The opportunity for positive impact can be provided by identifying trees which Council believes are significant and providing maintenance programs. Trees registered as significant provides opportunity to intervene in development issues which may affect trees, and to provide advice regarding conservation matters.

2.6 Environmental changes

The assessment was undertaken at a time when Australia was under the influence of the El Nino climatic phenomenon, and conditions were very dry. Trees identified during the assessment process were in some cases affected by dry conditions, however as a general rule they appeared healthy and have survived. This is partly attributable to the conditions under which they have grown, which has created hardy trees, and trees which have coped with limited human intervention. The issue most likely to affect tree health is a change to conditions. For example, trees which have developed beside cultivated and irrigated land, receiving water and weed control by local landowners, will be at risk if cropping ceases and land is left fallow or returns to weeds or native bush. An example is Main Rd North at Merbein where cultivation has ceased in recent times. Special care programs and regular monitoring of trees will be an ongoing requirement.

3 STUDY SCOPE

The Significant Tree Assessment and Registration is prepared to include the following:

A detailed assessment of trees currently listed by the National Trust (Victoria) and the Mildura Rural City Council as being significant within the municipality. A detailed report consisting of tree species, condition, surrounding environment, significance, remedial/protection works and potential threats.

A detailed assessment of significant trees currently not listed by the National Trust (Victoria) and Council that may be worthy of listing. A detailed report is prepared for each tree listing species, condition, surrounding environment, significance, and potential threats for each tree or tree group and remedial/protection works required if the trees were listed.

The scope of work did not require listing trees on private property other than a review of those already listed. Whilst private property listing was not required by Council, it has been undertaken as a result of a considerable number of significant trees noticed during the inspection procedure. These have been included for consideration. The assessment does not include stands of indigenous native trees which will be undertaken as a separate exercise.

4 METHODOLOGY

4.1 Data sheets

Information and photographs are recorded from direct site visits. Individual tree and site attributes are recorded on separate data sheets to include:

- Botanical Name
- Common Name
- Town
- Map Reference
- Access
- Location
- Tree site
- NT Register
- Notable Tree
- Tree number
- Health
- Threats
- Significance
- Remedial action
- Comments
- Specimen photographs

4.2 Criteria for each attribute

-Botanical Name- Most commonly used title.

-Common Name- Most commonly used title.

-Town-Refers to the nearest township within the municipal area.

-Map Reference-Grid reference utilising the Mildura Rural City Council-District Maps and Street Directory.

-Access-Describes the site as being 'restricted' because it is private property, or not accessible to the general public. 'Unrestricted' is defined as free and easy access by the general public which may enable tree damage by people or vehicles. Unrestricted may also indicate the property to be fully accessible by the public, but the property is privately owned. An example is unfenced Church property. The attribute 'Tree Site' provides a more precise indication of property ownership.

-Location-The street name, relation to intersecting streets and number if available, or other identifying feature.

-Tree site-The tree is in a public park, street median, nature strip, private property, or enclosed space.

-NT Register-The National Trust has registered the tree or tree group, as a significant tree/s.

-Notable Tree-The National Trust has not registered the tree, however Council has recorded the tree as significant, or the tree is identified in this review as worthy of consideration.

-Tree number-The tree is an individual or a number of specimens in a row or group.

-Health-Describes trees as being of good, medium or poor health. Health is considered in terms of the expected condition and form of a tree specie and includes foliage colour, leaf size, tree structure, presence of decay, limb soundness, pest and disease impact and general condition.

-Threats-Describes threats to tree health or survival including adverse factors related to surrounding environments, and the potential for conditions to change, bearing in mind most trees have developed according to their present conditions. Factors which may inhibit tree health, or survival, include lack of water, over-watering, weed invasion, vine growth on trunks, changes to practices in abutting properties such as irrigated horticultural production ceasing, soil compaction. or physical damage to trees from vehicles, or site redevelopment.

-Significance-Describes the value of tree/s according to their aesthetic contribution, landscape significance, rarity, commemorative status, historic value, regional image and general precinct contribution. Tree loss which is significant in terms of immediate impact on surrounding area, or trees difficult to replace.

-Remedial action-Describes actions required to conserve or protect trees, including direct site action, or requesting assistance from site owners or abutting property owners to assist Council in ongoing management and maintenance of the trees.

-Comments-General comments relating to the special importance of the tree/s locally, and significance as signature trees for the region. Trees which provide a site or regional image are valuable in terms of their contribution to historic sites and regional tourism.

-Specimen photographs-Photographs of each tree or group of trees in the context of their environment, specific location, or parts of a tree considered to be of higher level importance.

4.3 Site categories

Tree information sheets are divided into two key categories, firstly restricted (private or semi private land, and secondly unrestricted access. Those classified as restricted are on private land and unlikely to be influenced by Council in terms of daily or annual tree management. They are trees which can be pruned, or removed according to the desire of the property owner. They are therefore trees requiring recognition in planning regulations and considered in town planning or building permit applications. Those classified as unrestricted are generally on public land and maintained by Council. Some trees may be located on the building line requiring a decision by Council and owners of the extent responsibility for maintenance and management.

4.4 Growth Conditions

Trees have grown and developed within dominant climatic, regional and local site conditions. In most cases their growth and development has produced fine quality trees. A key threat is therefore a change to those conditions. Whilst conditions may not appear to be conducive to a particular specie, but the tree is performing satisfactorily, it would be unwise to create changes and alter what has become a natural balance. Trees may be placed at risk if any factors are changed. Therefore, upon trees receiving formal recognition it will be necessary to carefully record site conditions and ensure changes, if required, are overseen by Council officers.

4.5 Maintenance

Maintenance of trees on public land is Council's responsibility, and therefore decisions can be made in terms of changing conditions, influencing wire clearance programs, and installing infrastructure to assist tree health. Maintenance of trees on private or semi private land is the responsibility of property owners, some who may have limited understanding of tree requirements. Council can assist by providing maintenance and management technical notes for owners to follow.

4.6 Environmental change

Trees which have developed over many years have done so in balance with environmental and site conditions. Specie which would not normally be expected to grow have found a niche. These are important trees for they will be difficult to replace. Conditions under which they established may not now be able to be replicated and therefore tree loss is to be avoided. Maintenance and management of site accustomed trees should as a general rule concentrate on avoiding major changes to drainage, irrigation, cultivation, fertilisation and influencing wind patterns. Changes should be carefully considered and offset where possible with other actions. Each tree requires detailed analysis before conditions are altered.

4.7 Nursery stock

The assessment process identifies many individual trees and tree groupings, most in prominent locations and with significant contribution to a site, however many examples were seen of trees which could not as individuals be regarded as significant. Sites considered as significant because of tree grouping are in some cases devalued due to one of more trees dying, or dead, or a gap exists. Their value could be greatly enhanced by replacement trees, and in some cases sites not considered as significant now, could be brought into that category if replacements were made.

The region has many Washingtonia, and Phoenix palms, both species figuring prominently in the significant tree category. Many trees have been planted in the past and Council therefore has a valuable collection of nursery stock which can be of great benefit in the future. Protection of non registered trees will provide opportunity for Council to undertake a program for lifting and replanting to key sites, particularly if a property is to be redeveloped, or an owner changes present management practices. It would therefore be beneficial to record all locations where gaps exist in significant plantings, and to record all sites where potential replacement trees can be found, and provide owners with maintenance kits to ensure tree survival.

4.8 Disfigured trees

Trees which are disfigured as a result of continuous or heavy pruning are generally considered to have a much reduced value in terms of landscape contribution, aesthetic value and site contribution. These are therefore not considered in the assessment process. A key example is Deakin Ave which has major plantings of Eucalyptus cladocalyx. They have been heavily pollarded and pruned, not only destroying their natural shape, but insect infestations have been allowed to invade the trees through extensive wounding. Their framework and limb structure is compromised, with re-growth potentially being weak, and allowing the possibility of limbs to split and fall.

5 OUTCOMES

5.1 Site and tree numbers

- A total of 16 National Trust Registered Tree Sites are identified in this review. A total of 237 trees are recorded for those 16 sites, however in some cases identification of exact trees nominated cannot be determined by site inspection. Trees identified in this review relating to the 16 sites indicate 381 trees. E.g. Washingtonia filifera west of Merbein has 85 trees registered, however 214 avenue trees could be considered.
- A total of 17 Council recognised sites are identified however total tree numbers are not recorded on existing records.
- A total of 144 tree sites are recognised in this review, and a total of 937 trees identified.
- A total of 30 private property tree sites are identified with a total of 125 trees identified.
- A total of 94 public or semi public tree sites are recognised, with a total of 812 trees identified.

5.2 Key Specie list

- Analysis of trees regularly observed as significant and considered signature trees for the region indicates a small span of specie, most of which would be expected to perform well. These include:

Washingtonia filifera
 Brachychiton rupestris
 Eucalyptus cladocalyx
 Washingtonia robusta
 Cinnamomum camphora
 Araucaria heterophylla
 Pinus halipensis
 Eucalyptus ficifolia
 Ceratonia siliqua
 Pinus canariensis

Phoenix canariensis
 Brachychiton populneum
 Eucalyptus citriodora
 Phoenix dactylifera
 Jacaranda mimosifolia
 Pinus pinea
 Ficus macrophylla
 Schinus molle
 Harpephyllum caffrum

- Specie not normally considered to perform as well, but because they have developed in a niche are now considered significant are:

Ulmus hollandica

Quercus robur

6 RECOMMENDATIONS

- Ensure trees on private property are protected and conserved by developing maintenance notes.
- Advise owners of trees considered to be significant and necessity to follow maintenance schedules.
- Request the National Trust (Victoria) to consider registration of significant trees identified in this review.
- Conduct annual audit and assessment of significant trees to ensure ongoing well being.
- Notify Council's Planning Division of significant trees, and request assessment and consideration when planning or building permits are sought by property owners.
- Request the Planning Division to seek Parks Unit input to all applications where significant trees are affected.
- Identify opportunities whereby abutting owners may be able to extend irrigation systems to the benefit of significant trees.
- Identify significant tree sites where abutting land management practices have changed in recent years. Sites formally cropped and irrigated which have since ceased may cause trees to decline, particularly if irrigation was a key factor to the development of trees.
- Identify potential changes to sites abutting significant trees resulting from cessation of horticultural land use, changes to crops and resulting management practices, or redevelopment which may affect tree health.
- Recognise significant trees by installing names and information plaques to further emphasise their importance to the region and as an exercise to educate the public.
- Prepare and prioritise capital works actions for trees considered to be adversely affected by surrounding environmental conditions or land management practices.
- Publicise significant tree list to Parks and other Council personnel and request notice be taken of all actions affecting trees and brought to Council's attention.
- Identify gaps in existing significant sites and investigate potential to make replacements
- Identify potential nursery trees and record for future need.

APPENDIX 1**REGISTERED TREES****ACCESS RESTRICTED**

MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Araucaria heterophylla

COMMON NAME-Norfolk Island Pine

TOWN -Nichols Pt MAP REF-4-N/6 ACCESS-Restricted LOCATION-Karadoc Ave-Fifth/Cureton Ave

TREE SITE -Private lawn NT REGISTER-Yes NOTABLE TREE-YES NUMBER-1

HEALTH- Medium condition.

THREATS- Dry conditions, change of management practice, change of owner, site redevelopment.

SIGNIFICANCE- Landscape contribution, outstanding size and height.

REMEDIAL ACTION- Advise property owner of tree significance. Provide owner with information and methods of maintenance, and contact point for assistance.

COMMENTS- The region has a number of Araucaria, many planted during or soon after settlement. This specimen is distinct.

SPECIMEN PHOTOGRAPH-ref 31



APPENDIX 2**REGISTERED TREES****ACCESS UN-RESTRICTED**

MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera

COMMON NAME-Petticoat or Desert Fan Palm

TOWN -Mildura

MAP REF-2-F8/9

ACCESS-Unrestricted

LOCATION-Town Trees Rio Vista

TREE SITE -Nature strip

NT REGISTER-Yes

NOTABLE TREES-Yes

TREE NUMBER-9

HEALTH-

Good health and form, petticoat removed.

THREATS-

No obvious, nature strip is watered, however changed maintenance practice could be detrimental.

SIGNIFICANCE-

Located in historic precinct, landscape contribution, aesthetic significance.

REMEDIAL ACTION-

Ensure present maintenance practice continues, will respond to fertiliser, monitor trees annually.

COMMENTS-

A signature tree for Mildura, provides an identifiable character and image.

SPECIMEN PHOTOGRAPH-ref 1-3



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Pinus pinea

COMMON NAME-Stone Pine

TOWN -Mildura MAP REF-2a-F8 ACCESS-Unrestricted LOCATION-Town Tree-Rio Vista

TREE SITE -Public Garden NT REGISTER-Yes. NOTABLE TREE-Yes TREE NUMBER-1

HEALTH- Medium condition.

THREATS- Dry conditions, change of management practice,

SIGNIFICANCE- Historic precinct, landscape contribution, outstanding size and height.

REMEDIAL ACTION- Prepare maintenance program, monitor annually.

COMMENTS- The region has a number of Pinus pinea planted during or soon after settlement. This specimen is distinct, and located in prominent site at Rio Vista

SPECIMEN PHOTOGRAPH-ref 1-5



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME- Schinus molle

COMMON NAME- Peppercorn

TOWN -Mildura MAP REF-2b-H9 ACCESS-Unrestricted LOCATION-San Mateo Ave, Primary Sch.

TREE SITE -School yard NT REGISTER-Yes NOTABLE TREE- Yes TREE NUMBER-1

HEALTH- Good condition.

THREATS- Change of management practice, change of owner, site redevelopment.

SIGNIFICANCE- Landscape contribution, outstanding size and height.

REMEDIAL ACTION- Advise school of tree significance. Provide with information and methods of maintenance, and contact point for assistance.

COMMENTS- This specimen is large and distinct. Significant to school.

SPECIMEN PHOTOGRAPH-ref 1-16



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Phoenix canariensis

COMMON NAME- Canary Island Date Palm

TOWN -Mildura

MAP REF-2b-G9

ACCESS-Unrestricted

LOCATION- Orange Ave

TREE SITE -Nature strip

NT REGISTER-Yes

NOTABLE TREE-Yes

TREE NUMBER-10

HEALTH-

Some good condition, others medium.

THREATS-

Sections have irrigation system, dry conditions elsewhere, change of management practice.

SIGNIFICANCE-

Landscape contribution.

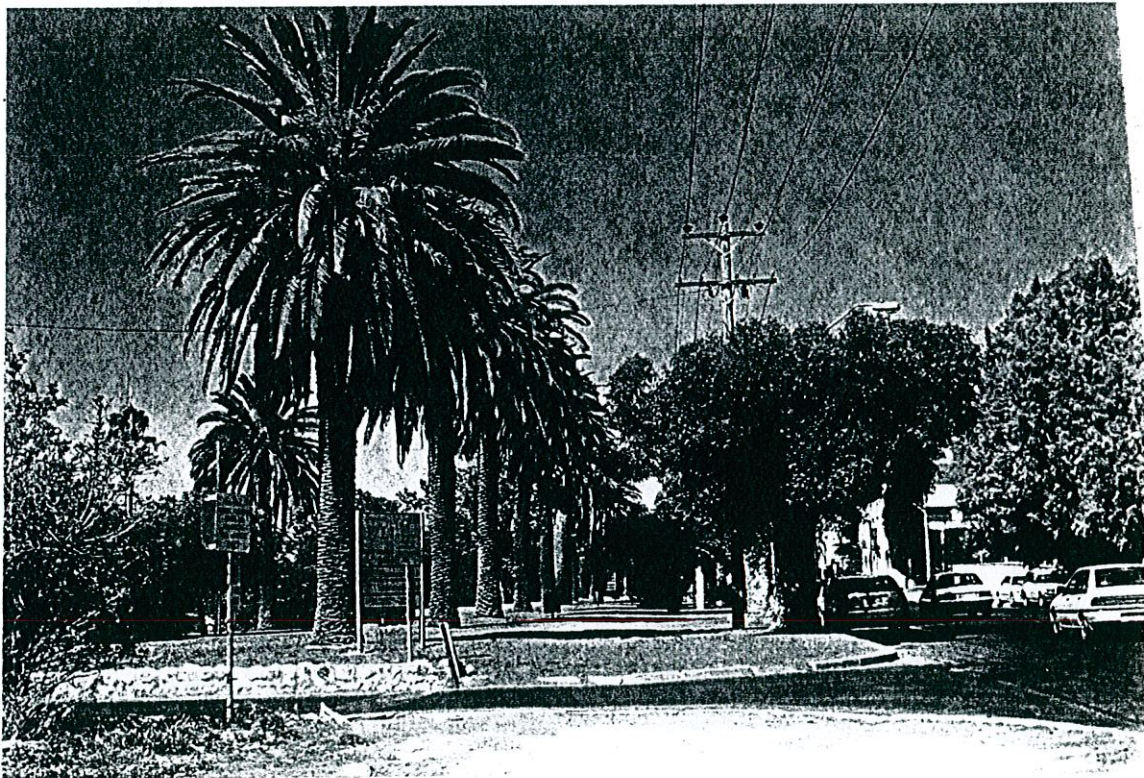
REMEDIAL ACTION-

Ensure present maintenance practice continues on watered sites, install water on non watered sites, monitor trees annually.

COMMENTS-

A signature tree for Mildura, provides an identifiable character and image.

SPECIMEN PHOTOGRAPH-ref 1-17



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Phoenix canariensis
Washingtonia robusta

COMMON NAME- Canary Island Date Palm (7)
Washington Palm/Skyduster(3)

TOWN -Mildura MAP REF-2b-G8 ACCESS-Unrestricted LOCATION-Town Tree, Railway Station

TREE SITE -Public Garden NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-7 & 3

HEALTH- Good condition.

THREATS- Change of management practice, vines on Washingtonia

SIGNIFICANCE- Landscape contribution, aesthetic value

REMEDIAL ACTION- Ensure present maintenance practice continues, monitor trees annually.
Remove vines from skydusters.

COMMENTS- Signature trees for Mildura, provides an identifiable character and image.

SPECIMEN PHOTOGRAPH-ref 1-19



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Mildura MAP REF-2b-G8 ACCESS-Unrestricted LOCATION- 7th /Deakin Railway Park
TREE SITE -Nature strip/park NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-8
HEALTH- Good health and form, petticoat removed.
THREATS- No obvious, nature strip is watered, however changed maintenance practice could be detrimental.
SIGNIFICANCE- Located in historic precinct, landscape contribution, aesthetic significance.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser, monitor trees annually.
COMMENTS- A signature tree for Mildura, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 1-20



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Jacaranda mimosifolia

COMMON NAME-Jacaranda

TOWN -Mildura MAP REF-6-G/11 ACCESS-Unrestricted LOCATION-Town tree, Henderson Park

TREE SITE -Public Park NT REGISTER-Yes NOTABLE TREE-Yes TREE NUMBER-1

HEALTH- Good health.

THREATS- No obvious, lawn is watered, however changed maintenance practice could be detrimental. Shallow rooted, avoid cultivation.

SIGNIFICANCE- Landscape contribution, outstanding size, spread, aesthetic significance, large specimen for the area.

REMEDIAL ACTION- Ensure present maintenance practice continues, monitor trees annually.

COMMENTS- Signature tree for Mildura, provides an identifiable character and image.
Growing in lawn.

SPECIMEN PHOTOGRAPH-ref 1-36



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Ceratonia siliqua

COMMON NAME-Carob/Johns Bread

TOWN -Mildura

MAP REF-6-G11

ACCESS-Unrestricted

LOCATION- Henderson Park

TREE SITE -Public Park

NT REGISTER-Yes

NOTABLE TREE- YES

TREE NUMBER-1

HEALTH-

Good condition.

THREATS-

Change of management practice.

SIGNIFICANCE-

Landscape contribution, outstanding size and height.

REMEDIAL ACTION-

Ensure present maintenance practice continues, monitor tree annually.

COMMENTS-

This specimen is large and distinct.

SPECIMEN PHOTOGRAPH-ref 3-2



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Ceratonia siliqua

COMMON NAME-Carob/Johns Bread

TOWN -Mildura MAP REF-2b-G8 ACCESS-Unrestricted LOCATION-Town Tree, Railway Park

TREE SITE -Public Park NT REGISTER-Yes NOTABLE TREE- YES TREE NUMBER-1

HEALTH- Good condition. Potential for more branches to break.

THREATS- Change of management practice. Canopy becoming too large and top heavy.

SIGNIFICANCE- Landscape contribution, outstanding size and height.

REMEDIAL ACTION- Ensure present maintenance practice continues, monitor tree annually. Support branches or thin canopy.

COMMENTS- This specimen is large and distinct.

SPECIMEN PHOTOGRAPH-ref 3-7



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Pinus halipensis

COMMON NAME-Aleppo pine

TOWN -Mildura MAP REF-2b-G10 ACCESS-Unrestricted LOCATION-Deakin and 11th St

TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREE-Yes TREE NUMBER-1

HEALTH- Good condition.

THREATS- Dry conditions, change of management practice,

SIGNIFICANCE- Landscape contribution.

REMEDIAL ACTION- Prepare maintenance program, monitor annually.

COMMENTS- This specimen is distinct, and located in prominent site.

SPECIMEN PHOTOGRAPH-ref 3-33



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF-18-II-11 ACCESS-Unrestricted LOCATION- 17th St Merbein, 5th & 6th
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREE-Yes TREE NUMBER-48
HEALTH- Good health and form, petticoat partly in tact.
THREATS- Trees may suffer from change to abutting irrigation practice, petticoats fired, vehicles.
SIGNIFICANCE- Landscape contribution, aesthetic significance.
REMEDIAL ACTION- Ensure present maintenance practice continues, monitor trees annually. Advise property owners of tree significance. Provide owners with information and methods of maintenance, and request their assistance.
COMMENTS- A signature tree for Merbein, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 4-34



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

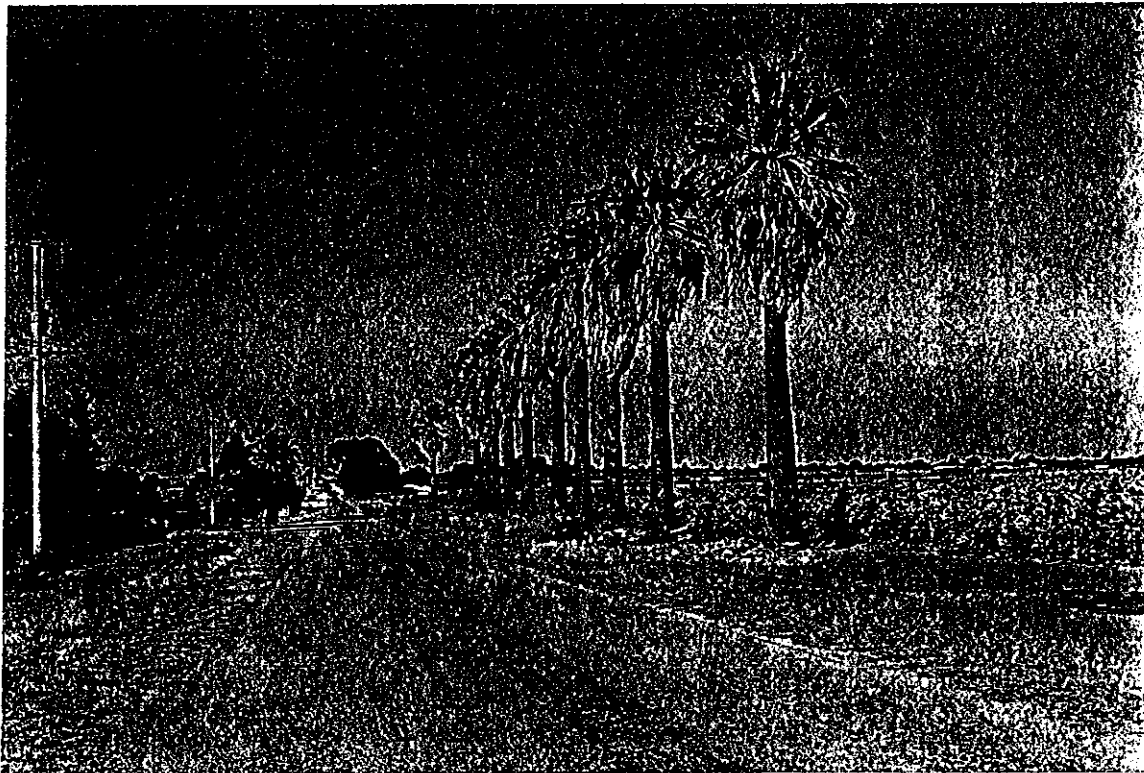
BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF-10-18 ACCESS-Unrestricted LOCATION-Rural trees, Main St North
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-35
HEALTH- Good health and form, some petticoats removed.
THREATS- Nature strip is un-watered, recent changed maintenance practice from farm production could be detrimental. Site redevelopment
SIGNIFICANCE- Landscape contribution, aesthetic significance.
REMEDIAL ACTION- Monitor trees annually, will respond to fertiliser, consider method to water.
COMMENTS- A signature tree for Merbein provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-9



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th/Calder Hwy
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-11
HEALTH- Good health and form, petticoat partly removed.
THREATS- Nature strip unwatered, however abutting properties irrigated. Changed maintenance practice could be detrimental.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser, monitor trees annually. Advise property owners of tree significance. Provide owners with information and methods of maintenance, and request their assistance.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-14



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm

TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION-17th /west end/3rd St

TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-13

HEALTH- Good health and form, petticoat partly removed.

THREATS- Nature strip unwatered, however abutting properties irrigated. Changed maintenance practice could be detrimental.

SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.

REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser, monitor trees annually. Advise property owners of tree significance. Provide owners with information and methods of maintenance, and request their assistance.

COMMENTS- A signature tree for the region, provides an identifiable character and image.

SPECIMEN PHOTOGRAPH-ref 5-16



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

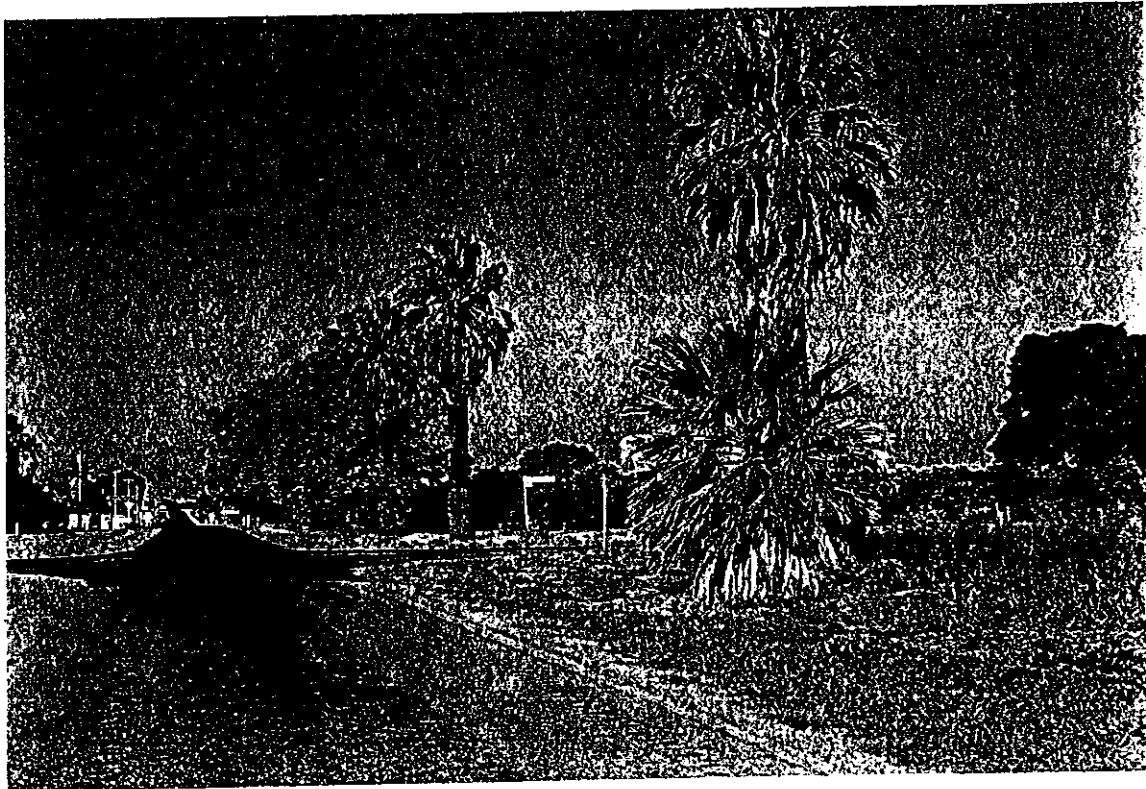
BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION-17th /west end/3rd St
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-9
HEALTH- Good health and form, petticoat partly removed.
THREATS- Nature strip unwatered, however abutting properties irrigated. Changed maintenance practice could be detrimental.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser, monitor trees annually. Advise property owners of tree significance. Provide owners with information and methods of maintenance, and request their assistance.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-17



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th/west end/3rd St
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-9
HEALTH- Good health and form, petticoat partly removed.
THREATS- Nature strip unwatered, however abutting properties irrigated. Changed maintenance practice could be detrimental. Overcrowding by other trees.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser, monitor trees annually. Advise property owners of tree significance. Provide owners with information and methods of maintenance, and request their assistance.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-18



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

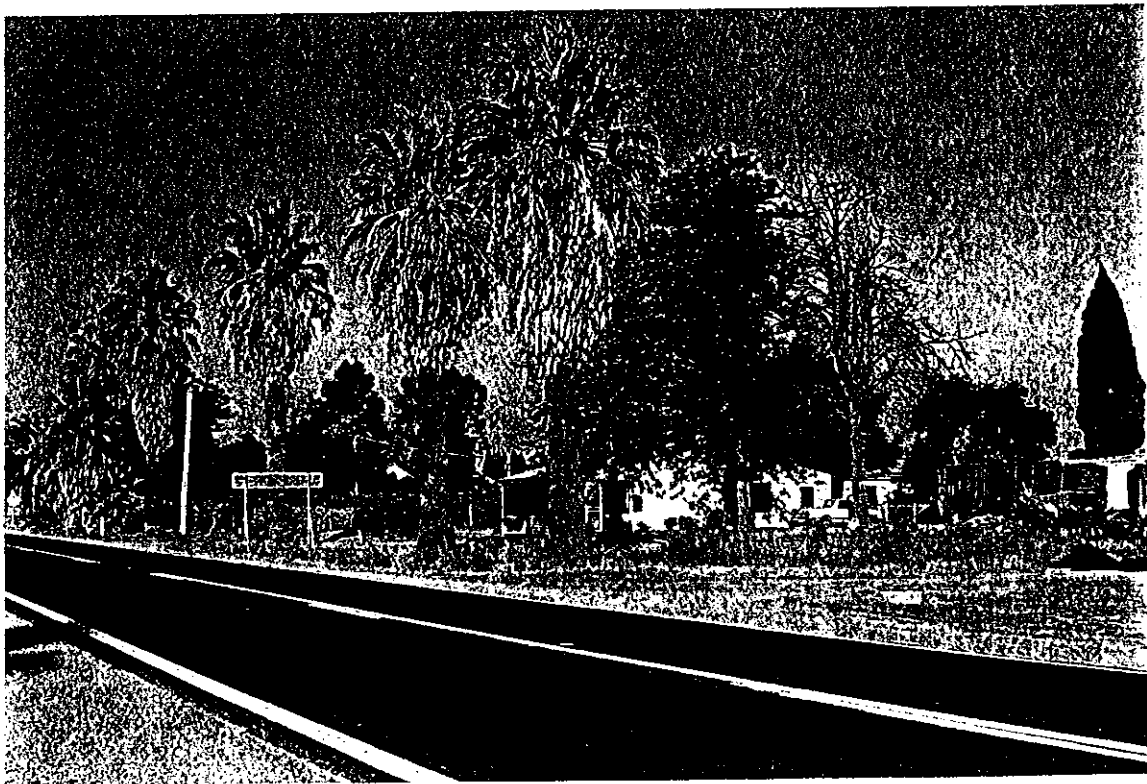
BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th/west end/3rd St
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-8
HEALTH- 7 good health and form, petticoat partly removed, 1 dead.
THREATS- Nature strip unwatered, however abutting properties irrigated. Changed maintenance practice could be detrimental. Overcrowding by other trees.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser, monitor trees annually. Advise property owners of tree significance. Provide owners with information and methods of maintenance, and request their assistance. Additional water an advantage.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-19



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /intersection /3rd St
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-6
HEALTH- Good health and form, petticoat partly removed.
THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-20



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

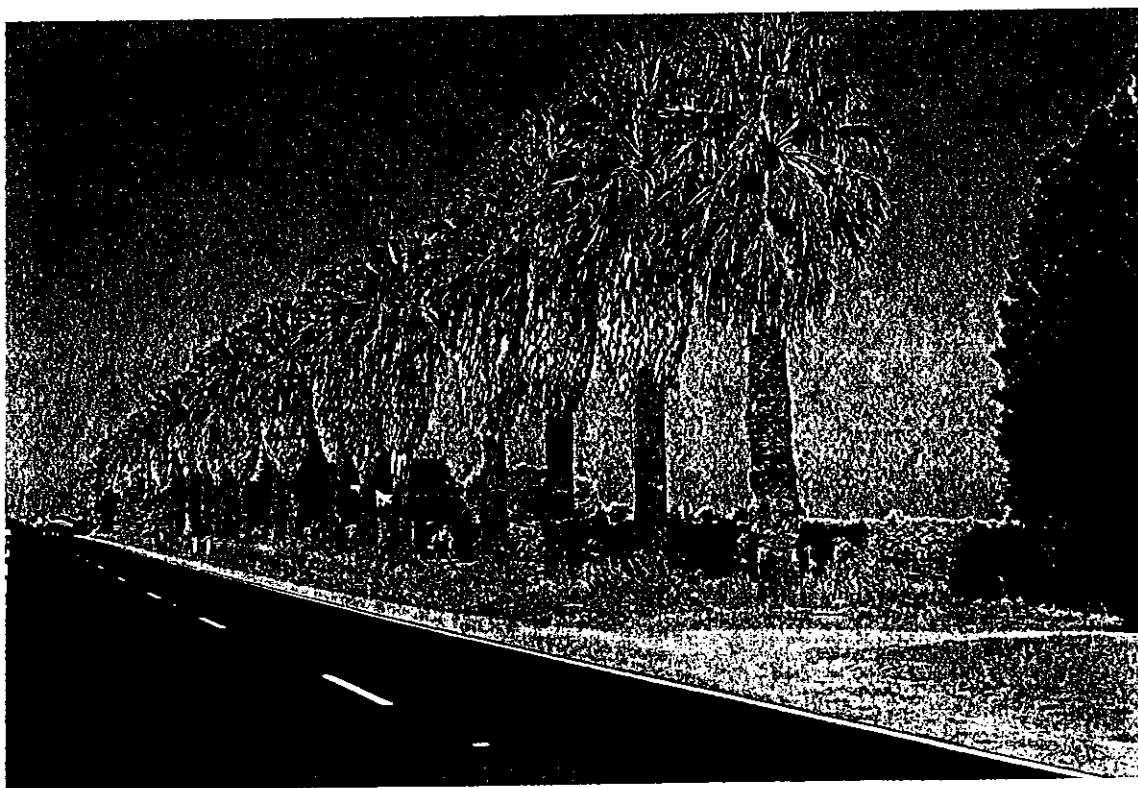
BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /Nth side, 3rd St to channel
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-11
HEALTH- Good health and form, petticoat partly removed.
THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction. Change to irrigation program of abutting property.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-21



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

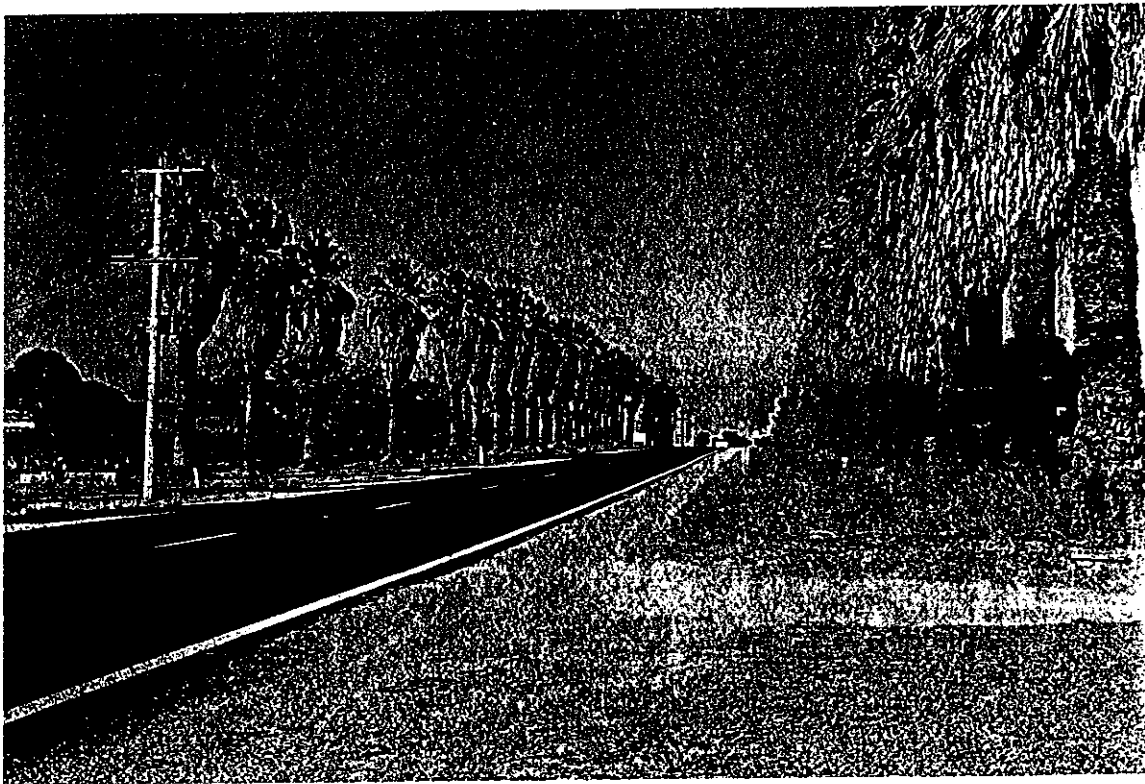
BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /Sth side, from 3rd St
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-17
HEALTH- 16 good health and form, some petticoat partly removed, others in tact. 1 dead
THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction. Change to irrigation program of abutting property.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-22



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

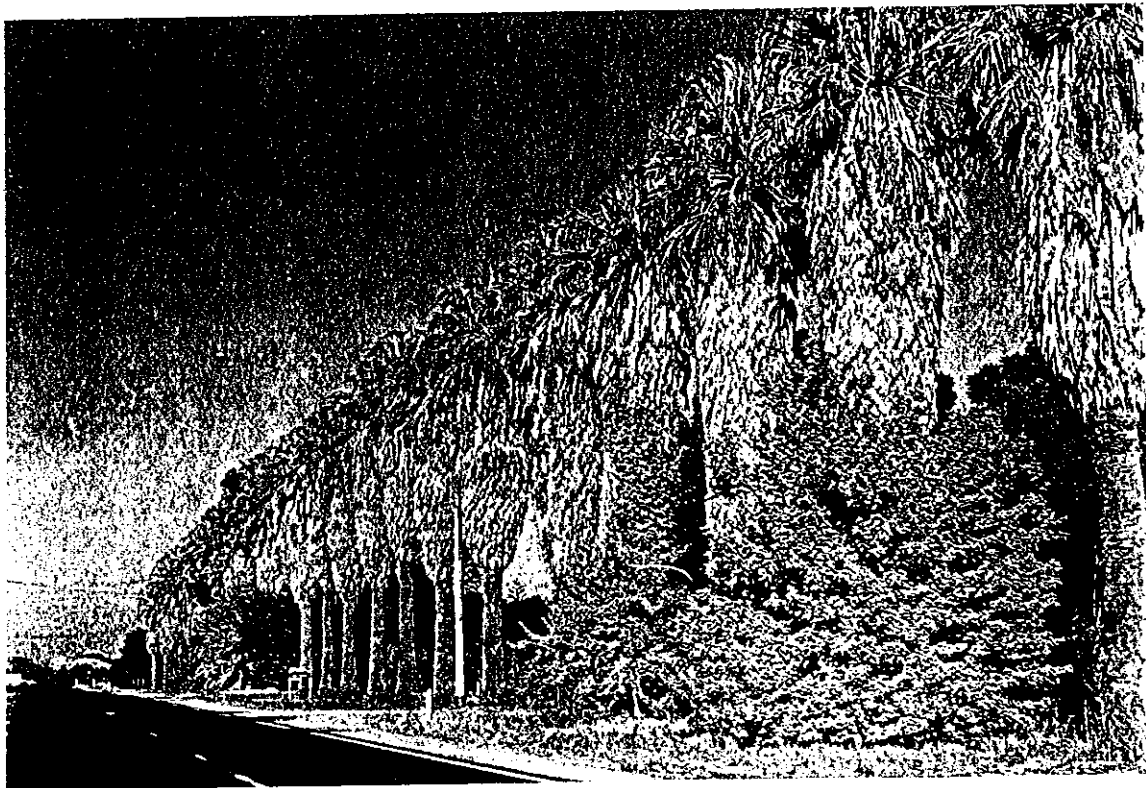
BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /Nth side, channel to Argiro
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-17
HEALTH- Good health and form, some petticoat partly removed, others in tact.
THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction. Change to irrigation program of abutting property.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-23



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

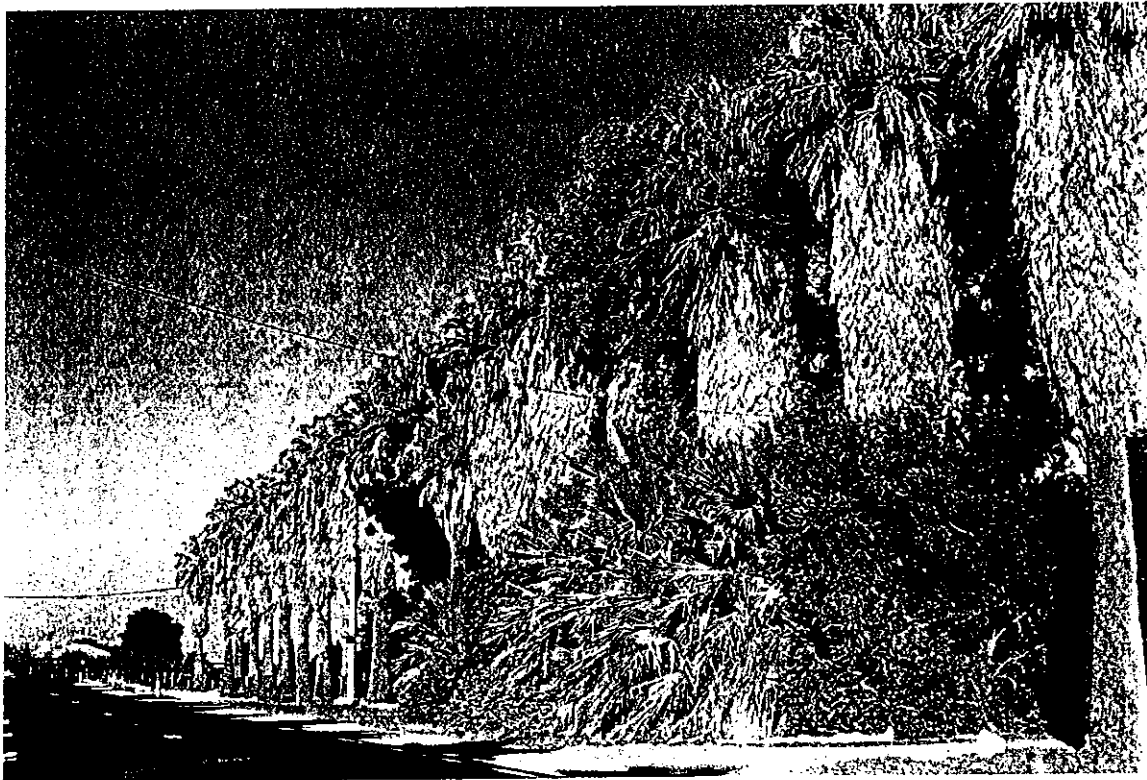
BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /Sth side, cont'd 5-22
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-12
HEALTH- Good health and form, some petticoat partly removed, others in tact.
THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction. Change to irrigation program of abutting property.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-24



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm
TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /Sth side, cont'd 5-24
TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-16
HEALTH- Good health and form, some petticoat partly removed, others in tact.
THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction. Change to irrigation program of abutting property.
Competition from other trees.
SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.
REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.
COMMENTS- A signature tree for the region, provides an identifiable character and image.
SPECIMEN PHOTOGRAPH-ref 5-25



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm

TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /Nth side, cont'd 5-23

TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-27

HEALTH- Good health and form, some petticoat partly removed, others in tact.

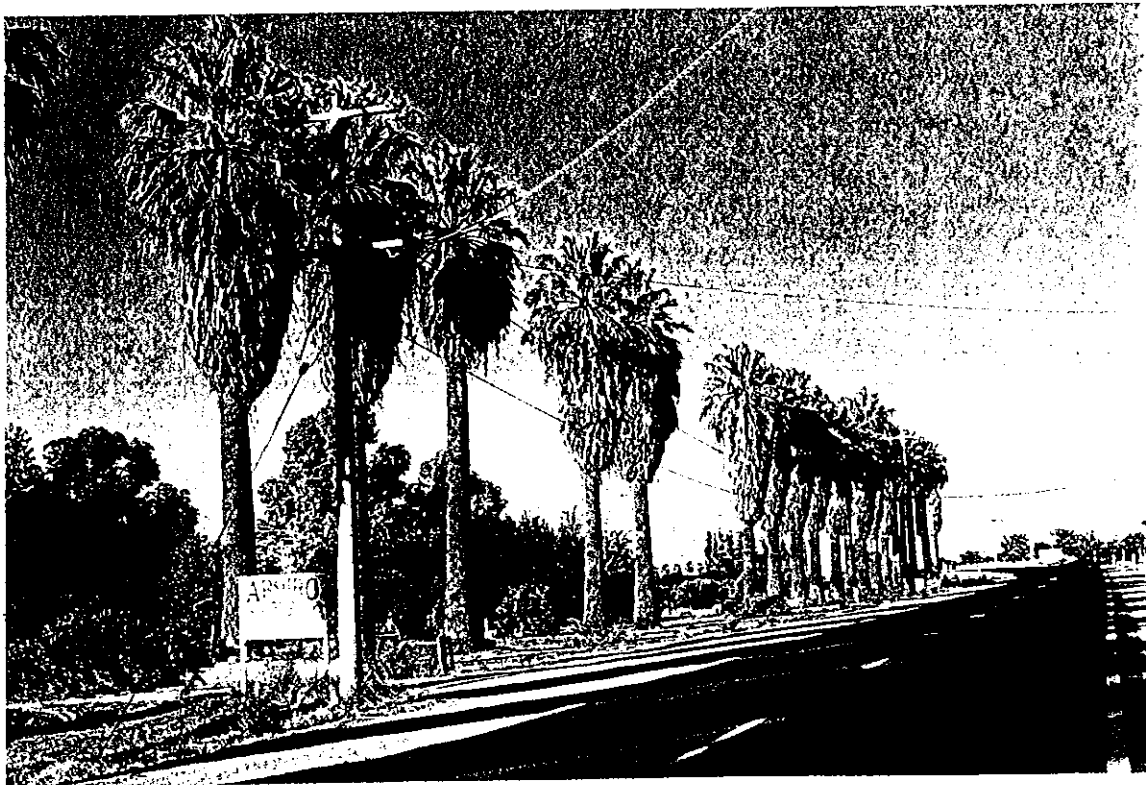
THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction. Change to irrigation program of abutting property.
Competition from other trees.

SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.

REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.

COMMENTS- A signature tree for the region, provides an identifiable character and image.

SPECIMEN PHOTOGRAPH-ref 5-26



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm

TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /Nth side, cont'd 5-26

TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-26

HEALTH- 25 good health and form, some petticoat partly removed, others in tact. 1 dead

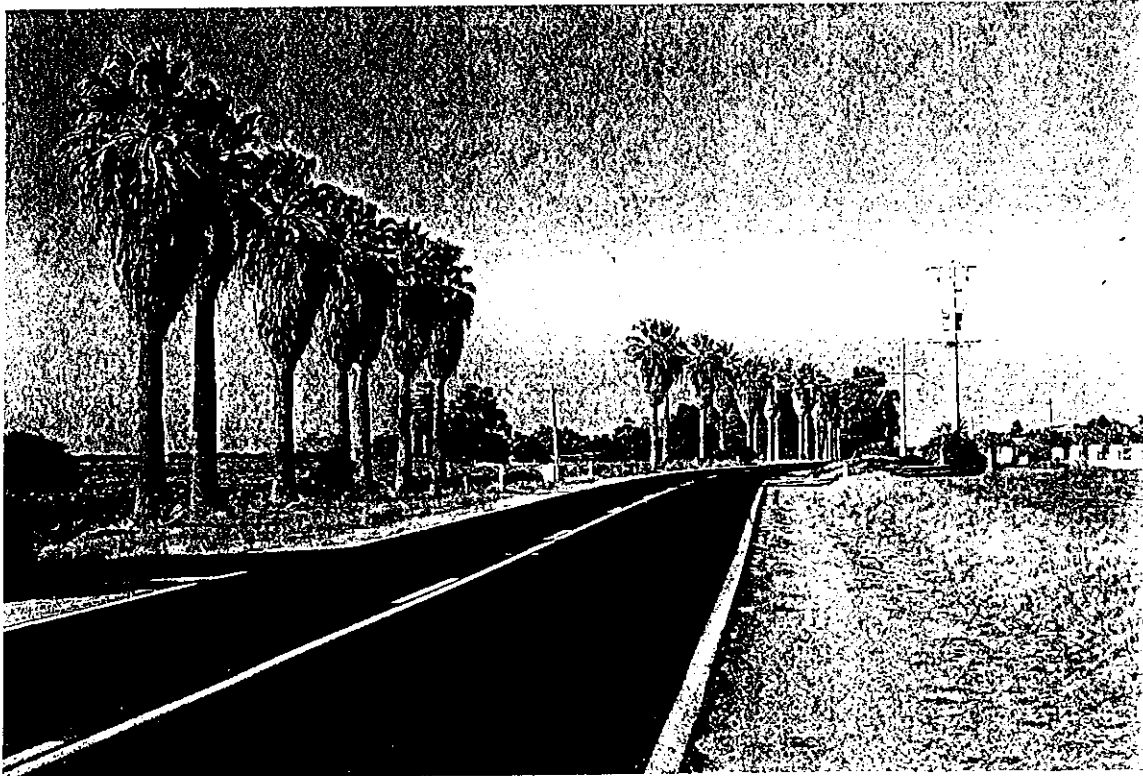
THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction. Change to irrigation program of abutting property.
Competition from other trees.

SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.

REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.

COMMENTS- A signature tree for the region, provides an identifiable character and image.

SPECIMEN PHOTOGRAPH-ref 5-27



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Washingtonia filifera COMMON NAME-Petticoat or Desert Fan Palm

TOWN -Merbein MAP REF- ACCESS-Unrestricted LOCATION- 17th /Nth side, cont'd 5-27

TREE SITE -Nature strip NT REGISTER-Yes NOTABLE TREES-Yes TREE NUMBER-27

HEALTH- Good health and form, some petticoat partly removed, others in tact.

THREATS- Nature strip unwatered. Changed maintenance practice could be detrimental.
Soil compaction. Change to irrigation program of abutting property.
Competition from other trees.

SIGNIFICANCE- Landscape contribution, aesthetic significance, part of a major avenue.

REMEDIAL ACTION- Ensure present maintenance practice continues, will respond to fertiliser,
monitor trees annually. Advise property owners of tree significance. Provide
owners with information and methods of maintenance, and request their
assistance. Additional water an advantage.

COMMENTS- A signature tree for the region, provides an identifiable character and image.

SPECIMEN PHOTOGRAPH-ref 5-28



MILDURA RURAL CITY COUNCIL

SIGNIFICANT TREE

BOTANICAL NAME-Ulmus hollandica

COMMON NAME-Dutch Elm

TOWN -Mildura MAP REF-6-G13 ACCESS-Unrestricted LOCATION-Mildura Secondary College

TREE SITE -Courtyard	NT REGISTER-Yes	NOTABLE TREE- Yes	TREE NUMBER-1
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HEALTH- Good condition.

THREATS- Change of management practice. Lack of attention and water. Soil compaction.

SIGNIFICANCE- Landscape contribution, aesthetic value; size, rare tree in region.

REMEDIAL ACTION-	Ensure maintenance occurs, monitor trees annually, watering. Provide owners with information and methods of maintenance, and request their assistance.
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COMMENTS- The region has a limited number of Elms, particularly of this size.

SPECIMEN PHOTOGRAPH-ref 6-21

