



UPPER RIVER TORRENS
LANDCARE GROUP

Data Sheet

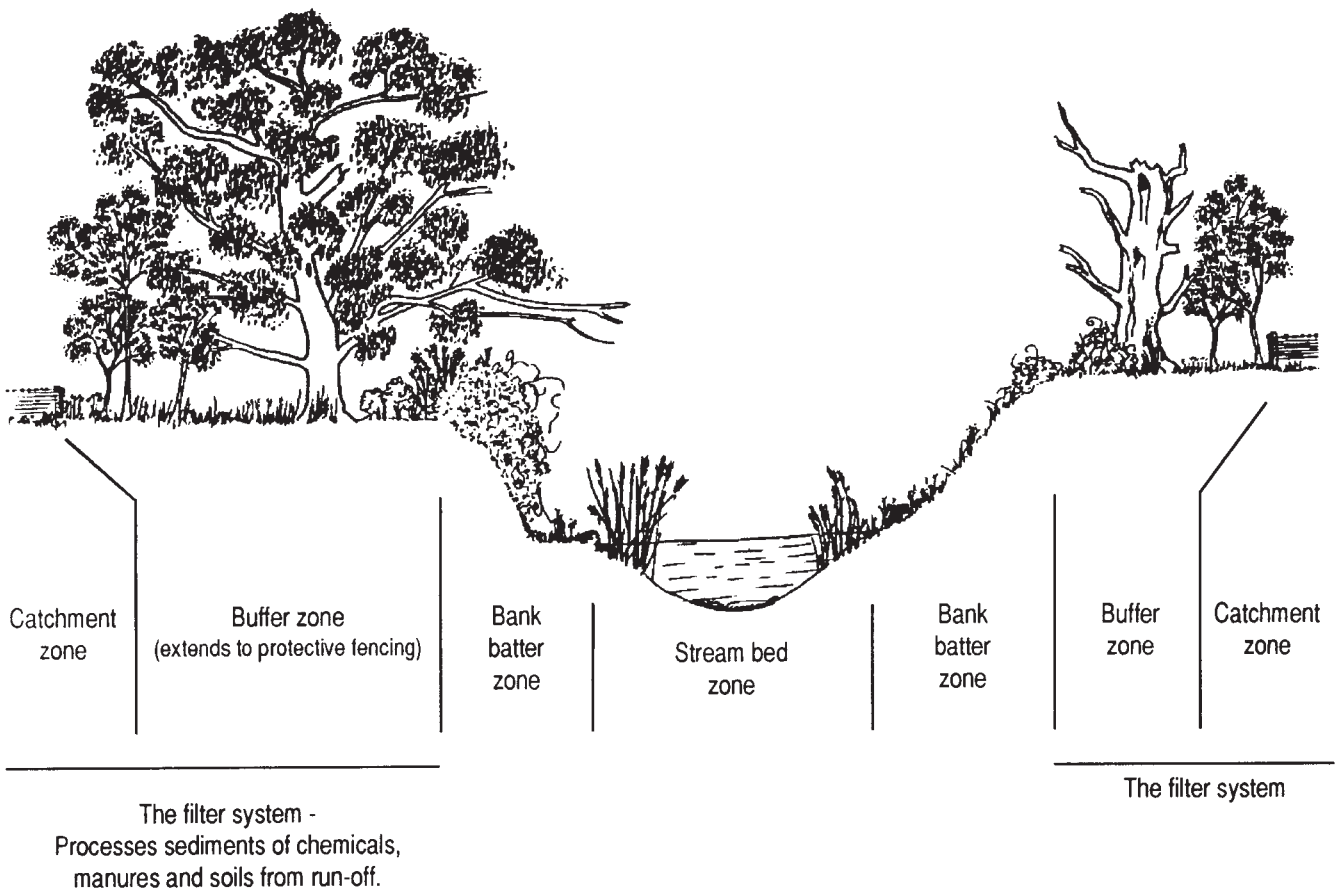
Watercourse

Revegetation

Zones and native plant species list

The list in the centre of this data sheet is a selection of plants to suit the upper River Torrens riparian zone (the watercourse, banks and alluvial flats) taken from botanical surveys of former remnant vegetation and existing adjacent vegetation. The other species lists for the Onkaparinga River Catchment and the Southern Coastal Catchments can be found in Appendix 4.

WATERCOURSE ZONES



THE RIPARIAN ZONE
(The watercourse, banks and alluvial flats)

Botanical Name	Common Name	Description & Flowering Period	How to grow	Bank batter	Bank buffer	Catchment	Sand	Heavy Soil	Understorey	Canopy
THE BASICS Seed & tubestock readily available										
Rytidosperma, Austrostipa, Miscroalaena stipoides var. stipoides, Poa, Themeda	Wallaby, Spear, Weeping rice, Tussock, Kangaroo grasses	Refer to the Native sedges, rushes, reeds and grasses datasheet and resource: Native Grasses – Landscape SA H&F	SD		✓	✓	✓	✓	✓	
Cyperus/Carex, Eleocharis,										
Juncus, Typha, Phragmites	Flat sedge, Spike rush, Pale rush, Bul-rush, Common reed	Refer to the Native sedges, rushes, reeds and grasses datasheet	SD	✓	✓		✓		✓	
Acacia melanoxylon	Blackwood	Symmetrical tree. Dull green leaves. Pale yellow flower balls. Likes wet areas in valley floors / Aug-Oct	SH	✓	✓			✓	✓	
Acacia myrtifolia	Myrtle wattle	Shrub 1-2m. Branches with red tinge. Yellow colour in broad leaf. Fast growing. July-Oct	SH	✓	✓		✓		✓	
Acacia paradoxa	Kangaroo thorn	Dense prickly shrub. Dark green leaves. Golden yellow flowers. Bird habitat. Replacement for eradicated woody weed / Aug-Oct	SH	✓	✓	✓	✓	✓	✓	
Acacia pycnantha	Golden wattle	Shrub to small tree. Scythe-shaped leaves. Blackish trunks. Thick flower stalks. Frost sensitive. Can be short-lived. Aug-Oct	SH		✓	✓		✓	✓	
Acacia retinodes	Wirilda or swamp wattle	Small tree. Branches sometimes drooping. Fast growing on slopes and in gullies in high rainfall areas. Dec-Feb	S	✓	✓	✓	✓	✓	✓	
Allocasuarina verticillata	Drooping sheoak	Tree with drooping branches with grey-green foliage. Male trees can look golden orange. Dispersed through Eucalypt forests. Spring	S		✓	✓	✓	✓	✓	
Banksia marginata	Silver banksia	Shrub to small tree. Leaves silvery underneath. Cylindrical pale lemon brush flower. Woody seed cone. Throughout year	SF		✓	✓	✓	✓	✓	
Callistemon sieberi	River bottlebrush	Large shrub over 2m. Branches tend to droop. Creamy flowers. Along creek beds and gullies. Dec-Mar	S	✓	✓	✓	✓	✓	✓	
Eucalyptus camaldulensis ssp. camaldulensis	River red gum	Gracious spreading tree to 20m. Smooth grey white bark. White flowers alternative years. Favours watercourses	S		✓	✓	✓	✓		✓
Eucalyptus leucoxylon ssp. leucoxylon	South Australia blue gum	Tree to 30m. Bark smooth, grey. Deep olive green leaves. Cream (sometimes pink) flowers. Feb-Mar	S		✓	✓	✓	✓		✓
Eucalyptus viminalis ssp.	Manna gum	Spreading tree to 30m. Fibrous bark up trunk or smooth (ssp cygnetensis/viminalis). White flowers. Moist sites, well drained. Dec-May	S		✓	✓	✓	✓		✓
Leptospermum continentale	Prickly tea tree	(formerly "Juniperinum"). Rigid prickly shrub. Poorly drained sites. White flowers Oct-Mar	S	✓	✓	✓	✓		✓	
Leptospermum lanigerum	Silky tea tree	Softy hairy blue-grey-green leaves. Dense shrub, 2m. Moist sites, riverside	S	✓	✓	✓	✓	✓	✓	

**THE EXTRAS Seed or tubestock available from specialist nurseries and State Flora.
(You should specify provenance or supply them with seed.)**

Acacia acinacea	Wreath wattle	Straggly shrub. Tends to droop. Leaves round. Sets a spiral seed pod. Winter-Spring	SH		✓	✓	✓		✓	
Acacia verniciflua	Varnish wattle	Slender shrub/tree. Glistening resinous foliage. Bright yellow paired flowerheads. In wet valleys. July-Sept	SH	✓	✓	✓	✓		✓	
Acacia verticillata ssp. ovoidea	Prickly moses	Dense to spindly, prickly shrub to 4m. Damp site. Pale yellow elongated flowers. Aug-Nov	SH		✓	✓	✓		✓	
Allocasuarina muelleriana ssp.	Slaty sheoak	Shrub or small tree, dense dark green foliage. Fruit a woody pointed cone, often deformed	S		✓	✓	✓	✓	✓	
Bursaria spinosa ssp. spinosa	Sweet bursaria	Spiny branches. Fragrant tiny cream flowers. Thin brown purse-like clustered seed capsules. Dec-Feb	SC	✓	✓	✓	✓		✓	
Callitris gracilis	Southern cypress pine	Neat, conical, dark to emerald green young tree. More untidy with age. Fruit a woody cone. Grows singly or in groves	SC		✓	✓	✓			✓
Calytrix tetragona	Common fringe myrtle	Erect, hairy shrub. Tiny leaves. Massed white or pink delicate flowers. Sept-Dec	C	✓	✓	✓	✓		✓	
Correa glabra var. leucoclada	Rock correa	Aromatic dark green leaves. Single, slightly red to green flowers. Grows on rocky sites. June-Nov	C	✓	✓	✓	✓		✓	
Dianella revoluta var. revoluta	Black-Anther flax-lilly	Clumps of strap-like leaves. Deep purple flowers on tail branching stems. Sept-Jan	D	✓	✓		✓	✓	✓	
Dodonaea viscosa ssp.	Sticky hop bush	Erect shrub to 2m. Leaves shiny or sticky. Large clusters of papery red winged fruits. Nov-Jan	SH	✓	✓		✓	✓	✓	
Eucalyptus fasciculosa	Pink gum	Tree to 15m. Smooth cream/grey bark. With other eucalypts, hillsides. White flowers. Sept-Mar	S		✓	✓	✓			✓
Eucalyptus goniocalyx ssp.	Long-leaved box	Tree to 10m. Grey bark. Shining green foliage. Poor soils. Juvenile leaves round and blue. Mar-Aug	S		✓	✓	✓			✓
Eucalyptus obliqua	Messmate stringy bark	Tree to 30m. Usually single stemmed. Brown fibrous bark. Glossy leaves. High rainfall & well drained sites. Feb-Apr	S		✓	✓	✓	✓		✓
Goodia medicaginea	Golden tip	Slender 3 leaflet leaved shrub to 3m. Yellow red pealike flowers. Semi shade. Sept-Oct	SH		✓		✓		✓	
Grevillea lavandulacea ssp. lavandulacea	Spider-flower	Compact spreading shrub, blue-grey leaves ablaze with red flowers. Most seasons	C		✓	✓	✓		✓	

Botanical Name	Common Name	Description & Flowering Period	How to grow	Bank batter	Bank buffer	Catchment	Sand	Heavy Soil	Understorey	Canopy
THE EXTRAS Seed or tubestock available from specialist nurseries and State Flora. (You should specify provenance or supply them with seed.) cont.										
Hakea rostrata	Beaked hakea	Long needle like leaves. Swanlike seeds. Sept-Nov	SF		✓	✓	✓		✓	
Hakea carinata	Erect hakea	Stiff upright shrub. Flat narrow pointed leaves. Egg-shaped fruit with a beak. Sept-Nov	SF		✓	✓	✓		✓	
Hakea rugosa	Dwarf hakea	Smaller version of rostrata. Sept-Nov	SF		✓	✓	✓		✓	
Hardenbergia violacea	Native lilac	Climber. Broad dark green leaves. Profuse clusters of white, pink or purple flowers. July-Dec	SH		✓	✓	✓		✓	
Hibbertia sericea	Silky guinea flower	Small spreading soft-haired shrub. All year	C		✓		✓	✓	✓	
Hibbertia ripara	Bristly guinea flower	Upright shrub to 1m. Yellow flowers. Aug-Jan	C		✓		✓	✓	✓	
Kennedia prostrata	Running postman	Twining prostrate perennial herb. 3 leaflet leaf. Red flowers. Aug-Oct	SH	✓	✓		✓	✓	✓	
Leptospermum myrsinoides	Heath tea tree	Wiry shrub. Dull green foliage. White or pink flowers. Suitable for sandy soils. Sept-Nov	S	✓	✓		✓		✓	
Melaleuca decussata	Totem poles	Shrub to 2m. Small greyish-green leaves. Mauve flowers, along stem. Likes wet areas on Fleurieu Peninsula. Sept-Dec	S	✓	✓	✓	✓	✓	✓	
Pimelea stricta	Erect riceflower	Upright small shrub drooping flowerheads, tipped pink at the end of branches. June-Nov	C		✓		✓		✓	
Pimelea glauca	Smooth riceflower	Upright white flowerheads on 15cm plant. Through year	C		✓		✓		✓	
Pultenaea daphnoides	Large-leaf bush pea	Head high shrub. Dark green flat leaf. Orange-red. Spring	SH		✓	✓	✓	✓	✓	
Pultenaea pedunculata	Matted bush pea	Prostrate shrub. Crowded pointed narrow leaves. Sept-Dec	SH		✓	✓	✓	✓	✓	
Pultenaea largiflorens	Twiggy bush pea	Small shrub. Flowers along stem. Aug-Sept	SH		✓	✓	✓	✓	✓	
Scaevola albida	Pale fanflower	Small to prostrate downy perennial. White to lilac stalkless flowers in fan shape. Sept-Jan	C		✓		✓		✓	
Tetradlea pilosa	Hairy pink bells	Small shrub. Drooping branches and flowers with 4 mauve/white petals. Spring	C		✓		✓		✓	
Viola hederacea	Ivy-leaf violet	Tiny spring-summer flowering perennial. Pale violet	D	✓					✓	✓
Xanthorrhoea quadrangulata	Rock Grass tree	Tufted canopy of stiff erect quadrangular leaves, tall woody flower stem atop a tree like trunk	S		✓		✓		✓	
Xanthorrhoea semiplana ssp.	A grass tree/Yacca	Tufted stiff arching triangular leaves. Long slender woody flower stem, almost trunkless	S		✓		✓		✓	

THE WORTHWHILE BUT DIFFICULT Mostly for the enthusiast...persistence needed to track them down and a green finger required to aid in their propagation										
Dampiera rosmarinifolia	Rosemary dampiera	Small shrub. Clustered leaves. Pale purple to lilac petals. Spring	C		✓	✓	✓		✓	
Daviesia ulicifolia ssp. brevifolia	Bitter pea	Small shrubs 1-2m with stiff leaves. Spine-like or leafless. Yellow-reddish flowers. July-Nov	SH		✓	✓	✓		✓	
Dillwynia hispida	Red parrot pea	Slender erect shrub. Flowers yellow-orange at end of wiry stalk. Spring	SH		✓	✓	✓		✓	
Exocarpus cupressiformis	Native cherry	Cypress-like tree in colour and form. Fine pendulous branches. Flowers Dec-May. Fruit orange-red. July-Nov. Likes shallow soils	S*		✓	✓	✓	✓	✓	
Chrysocephalum apiculatum	Common everlasting	Small yellow clustered flower heads atop each stem. Perennial blue-grey soft herb. Spring	CD		✓	✓	✓		✓	
Hybanthus floribundus ssp. floribundus	Shrub violet	Erect shrub around 1m. Whitish-purple flower with largest petal drooping, tongue-like. Rocky areas. Winter-Spring	C		✓	✓		✓	✓	
Isopogon ceratophyllus	Horny cone bush	Dense squat shrub. Prickly leaved. Yellow flowers on stalkless cone. Sept-Nov	C		✓	✓	✓		✓	
Lobelia anceps	Angled lobelia	Small spreading herb. Pale green leaves. Flowers hand-shaped five petals. Pale purple. Summer	S	✓	✓		✓		✓	
Myoporum viscosum	Sticky boobialla	Spreading shrub to 2m. Sticky tooth-edged leaves. Flowers - white petals with purple spots. July-Sept	C		✓	✓	✓	✓	✓	
Pittosporum angustifolium	Native apricot	Small tree with drooping branches and long flat leaves. Orange inedible fruit. Sticky red seeds. Sandy soils. July-Nov	S*		✓	✓	✓		✓	
Platylobium obtusangulum	Holly flat pea	Spreading shrub, wiry stems, dark green triangular foliage. Yellow-red flowers. Sept-Nov	CS		✓	✓	✓	✓	✓	
Prostanthera behriana	Downy mint bush	Shrub to 2m. Soft stems. Aromatic, light-green paired leaves. Lilac flowers. July-Dec	C		✓	✓	✓	✓	✓	
Wahlenbergia spp.	Blue bells (and various lillies)	Five-petalled herb to knee high or thin, upright stems. Spring-Summer	SD		✓	✓			✓	

THE IMPOSSIBLE TO RE-ESTABLISH IN THE FIELD... except in protective pot culture. Grow some for the thrill of it!										
eg. Caladenia, Cyrtostylis, Diuris, Microtis, Pterostylis, Thelymitra	Terrestrial orchids (Totally protected)	See Nesbitt's Orchids locally at Kersbrook. The absence of these exquisite flowering plants from the river valley is just one stark reminder of our responsibility to native plant communities	DS	✓	✓	✓	✓	✓	✓	✓

How to grow - propagation codes

- S Grow from seed
- SH Hot water treatment. Cover the seeds with boiling water, leave overnight
- D Divide the rootstock, bulbs or tubers
- C Take cuttings
- SC Chill the seed - place in fridge/freezer for two weeks before planting. (Bursaria seed should be used freshly gathered)
- S* Clean pulp thoroughly from seed. Exocarpus needs a host plant or can be struck from a root sucker node
- SF Some propagators use fungicide on the potting mix at planting and then at the two-leaf stage. Some also use it when striking cuttings

Plant species suppliers contacts

- Barossa Bushgardens: 653 Research Rd, Nuriootpa, Barossa Valley SA 5355.
<https://barossabushgardens.com.au/>
- Future Generation Natives: PO Box 24, Mt Torrens SA 5244. <http://www.futurenatives.com.au>
- Greening Australia:
<https://www.greeningaustralia.org.au/>
- Kersbrook Landcare Nursery:
176 South Para Road, Williamstown, SA 5351.
<http://kersbrook.landcaregroup.org.au/>
- McLaren Vale Natives plant nursery:
33 Stump Hill Road, McLaren Vale, SA 5171
<https://www.facebook.com/mclarenvalenatives/>
- Seeding Natives Incorporated:
132 Melrose Street, Mt Pleasant, SA 5235:
<https://www.seedingnatives.org.au>
- State Flora at Murray Bridge or Belair, South Australia. <https://www.stateflora.sa.gov.au>
- Trees for Life: <https://treesforlife.org.au/>
- Upper River Torrens Landcare Group (URLTG):
132 Melrose Street, Mt Pleasant, SA 5235.
<http://www.torrenslandcare.org/>

Other Contacts

- Australian Native Plants Society study groups:
<http://anpsa.org.au/whatson.html>
- National Parks and Wildlife Act 1972:
<https://www.legislation.sa.gov.au/LZ/C/A/NATIONAL%20PARKS%20AND%20WILDLIFE%20ACT%201972.aspx>
- Native Orchid Society of South Australia:
<https://nossa.org.au/about-us-2/>
- Permits: <https://www.environment.sa.gov.au/licences-and-permits/plant-permits>
- Seeds of South Australia:
<https://spapps.environment.sa.gov.au/seedsofsa/>

- State Herbarium of South Australia,
Adelaide Botanic Gardens:
https://www.environment.sa.gov.au/topics/Science/science-research/State_Herbarium

Consent to collect seed

The [Native Vegetation Act 1991](#) (the Act) and the [Native Vegetation Regulations 2017](#) (the Regulations) are the key pieces of legislation related to managing native vegetation on private and public land in South Australia. Requirements of “Taking of seeds and specimens” is outlined in the Native Vegetation Regulations 2017, Schedule 1, Part 1, Division 1 (11). This only applies to vegetation that is growing or is situated on land that is subject to a heritage agreement or a management agreement whereby a permit will be required.

Native plant specimens (if not causing substantial damage to the plant) may be collected from plants on private land without a permit but landholder consent is required.

Collection of native plant material for purposes other than research (eg. revegetation, nursery propagation or bush food) requires a permit to [collect native plant material](#).

For practical information, including who to contact, how to go about applying for a Scientific Research Permit, and compliance information go to: <https://www.environment.sa.gov.au/licences-and-permits/scientific-research-permits>

References / Resources

- **Census of South Australian Plants**, Algae and Fungi: <http://www.flora.sa.gov.au/>
- **Costermans, Leon** (1983). *Native Trees and Shrubs of South Eastern Australia*, Weldon
- **Dashorst, G. & Jessop J.P.** (2006). (3rd ed). *Plants of the Adelaide Plains and Hills*, Kangaroo Press
- **Gardiner, Allan** (1990). *Modern Plant Propagation*. Lothian
- **O'Malley, Martin** (1988). *Revegetating with Native Grasses*, S.A.CAE Salisbury
- **Prescott, A.** (2012) (3rd ed). *It's Blue With Five Petals: Wildflowers of the Adelaide Region*, Ann Prescott Publishing, Prospect SA
- **Whibley, D.J.** (1980). *Acacias of South Australia*, Govt Printed
- **Woolcock, Leona** (1985). *Wildflowers of the Mt Lofty Ranges*, Wakefield Press

Acknowledgements

- Robert (Bob) Myers OAM & Chairperson Seeding Natives Incorporated (2020 updates)