TASMANIAN SALTMARSH WETLAND PLANTS
CHECKLIST

SURVEY DETAILS

Saltmarsh site name:

Saltmarsh cluster name (bay, river etc.):

Survey location details (landmarks etc.):

Geo-location (lat, long or E, N):

Recorders:

Survey date:

Start time: End time:

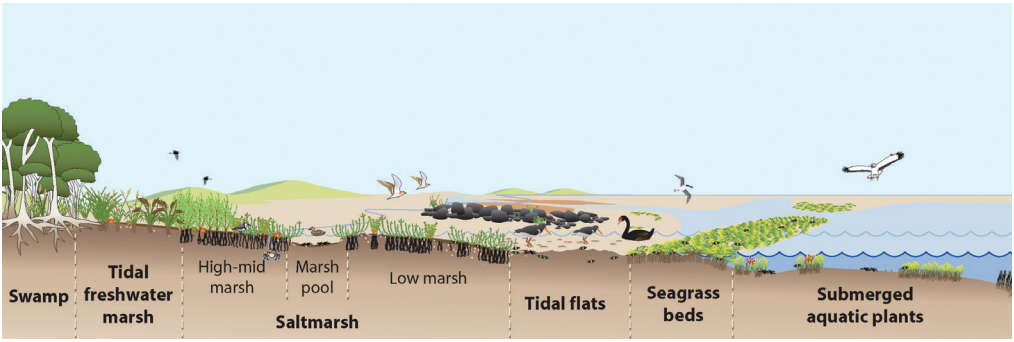
SURVEY METHOD

- ☐ (PS) Point-based 2-ha Area Search
- ☐ (TS) Transect-based Fixed-Route Monitoring
- ☐ (IS) Incidental Search*

**for IS please note if plants were recorded on nearby saltmarsh upland margins.*

Details of survey methods are available through contacts listed in the last page.
Refer to *A guide to the plants of Tasmanian saltmarsh wetlands* (2014) for identification support.

Site specific species list can be used as a starting point for monitoring the plants of particular saltmarsh sites by recording the presence and absence of species. This could be done through a 'bio-blitz' conducted during the warmer months (when most species are in flower and are easier to identify) once every few years. These data will help improve our understanding of the Statewide distribution of saltmarsh plants, their ecology and biogeography (relating distribution data to local and regional environmental factors). When these data are collected over a long term (over decades), they can also indicate species-range shifts that occur as a consequence of climate change.



Typical cross-section of saltmarsh habitat in the coastal landscape.

AIZOACEAE (PIGFACE FAMILY)

Plant Family	Scientific names (* - introduced; # - listed as rare in TAS)	Common names	Book Page No.[1]	Recorded (present, doubtful)[2]	Average Height (in cm)[3]	Flowering Status (in flower or not)[4]
	Carpobrotus rossii	native pigface	p.16			
	Disphyma crassifolium subsp. *clavellatum*	roundleaf pigface	p.17			
	Tetragonia implexicoma	bower spinach	p.18			

AMARANTHACEAE (AMARANTH FAMILY)

	Hemichroa pentandra	trailing saltstar	p.19			

APIACEAE (CELERY FAMILY)

	Apium prostratum subsp. *prostratum*	sea-celery	p.20			
	Eryngium vesiculosum	prickfoot	p.21			
	Lilaeopsis polyantha	jointed swampstalks	p.21			

ASTERACEAE (DAISY FAMILY)

	Angianthus preissianus	salt cupflower	p.22			
	Brachyscome graminea	grass daisy	p.22			
	*Cotula coronopifolia**	water buttons	p.23			
	Leptinella longipes	coast buttons	p.24			
	Senecio spp.	groundsel	p.25			
	*Vellereophyton dealbatum**	white cudweed	p.25			

CAMPANULACEAE (BELLFLOWER FAMILY)

	Lobelia anceps	angled lobelia	p.26			
	Lobelia irrigua	salt pratia	p.26			

CARYOPHYLLACEAE (STARWORT FAMILY)

	Spergularia spp.	seaspurrey	p.27			

[1] Please refer to *A guide to the plants of Tasmanian saltmarsh wetlands* (2014) for identification support.
[2] Accuracy rating for individual observations
[3] Average estimate height of the species population (optional)
[4] Species is in flower if one of the plants has an open flower (optional)

CHENOPODIACEAE (GOOSEFOOT FAMILY)

Plant Family	Scientific names (* - introduced; # - listed as rare in TAS)	Common names	Book Page No.	Recorded (present, doubtful)	Average Height (in cm)	Flowering Status (in flower or not)
	Atriplex cinerea	grey saltbush	p.28			
	Atriplex paludosa subsp. *paludosa*	marsh saltbush	p.29			
	*Atriplex prostrata**	creeping orache	p.30			
	Chenopodium glaucum	pale goosefoot	p.31			
	Rhagodia candolleana subsp. *candolleana*	coastal saltbush	p.31			
	Sarcocornia blackiana	thickhead glasswort	p.32			
	Sarcocornia quinqueflora subsp. *quinqueflora*	beaded glasswort	p.33			
	Suaeda australis	southern seablite	p.34			
	Tecticornia arbuscula	shrubby glasswort	p.35			

CONVULVULACEAE (BINDWEED FAMILY)

	Wilsonia backhousei	narrowleaf wilsonia	p.36			
	Wilsonia humilis#	silky wilsonia	p.37			
	Wilsonia rotundifolia#	roundleaf wilsonia	p.38			

CUSCUTACEAE (DODDER FAMILY)

	Cuscuta tasmanica#	golden dodder				

GOODENIACEAE (NATIVE-PRIMROSE FAMILY)

	Selliera radicans	shiny swampmat	p.43			

MALVACEAE (MALLOW FAMILY)

	Lawrencia spicata	candle saltmallow	p.44			

Plant Family	Scientific names (* - introduced; # - listed as rare in TAS)	Common names	Book Page No.	Recorded (present, doubtful)	Average Height (in cm)	Flowering Status (in flower or not)
	**MYRTACEAE (MYRTLE FAMILY)**					
	Melaleuca ericifolia	coast paperbark	p.45			
	**PLANTAGINACEAE (PLANTAIN FAMILY)**					
	Plantago coronopus subsp. *coronopus**	slender buckshorn plantain	p.47			
	**PLUMBAGINACEAE (LEADWORT FAMILY)**					
	Limonium australe#	sea-lavender	p.48			
	**PRIMULACEAE (PRIMROSE FAMILY)**					
	Samolus repens var. *repens*	creeping brookweed	p.49			
	**SCROPHULARIACEAE (SNAPDRAGON FAMILY)**					
	Mimulus repens	creeping monkeyflower	p.50			
	**CENTROLEPIDACEAE (BRISTLEWORT FAMILY)**					
	Centrolepis polygyna	wiry bristlewort	p.54			
	**CYPERACEAE (SEDGE FAMILY)**					
	Baumea juncea	bare twigsedge	p.54			
	Ficinia nodosa	knobby clubsedge	p.55			
	Gahnia filum	chaffy sawsedge	p.56			
	Isolepis cernua	nodding clubsedge	p.57			
	Schoenoplectus pungens	sharp clubsedge	p.57			
	Schoenus nitens	shiny bogsedge	p.58			

Plant Family	Scientific names (* - introduced; # - listed as rare in TAS)	Common names	Book Page No.	Recorded (present, doubtful)	Average Height (in cm)	Flowering Status (in flower or not)
	**JUNCACEAE (RUSH FAMILY)**					
	*Juncus acutus**	sharp rush	p.58			
	Juncus kraussii subsp. *australiensis*	sea rush	p.59			
	**JUNCAGINACEAE (WATERRIBBON FAMILY)**					
	Triglochin striata	streaked arrowgrass	p.60			
	**POACEAE (GRASS FAMILY)**					
	Austrostipa stipoides	coast speargrass	p.61			
	Deschampsia cespitosa	tufted hairgrass	p.62			
	Distichlis distichophylla	australian saltgrass	p.63			
	*Festuca arundinacea**	tall fescue	p.64			
	Lachnagrostis spp.	blowngrass	p.65			
	*Parapholis incurva**	coast barbgrass	p.65			
	Phragmites australis	southern reed	p.66			
	Poa spp.	tussockgrass	p.67			
	*Polypogon monspeliensis**	annual beardgrass	p.67			
	Puccinellia stricta	australian saltmarshgrass	p.68			
	*Spartina anglica**	common cordgrass	p.69			
	Sporobolus virginicus	salt couch	p.70			
	Zoysia macrantha subsp. *walshii*	prickly couch	p.71			
	**RESTIONACEAE (CORDRUSH FAMILY)**					
	Apodasmia brownii	coarse twinerush	p.72			
	**TYPHACEAE (CUMBUNGI FAMILY)**					
	Typha spp.	cumbungi	p.73			

SALTMARSH VEGETATION TYPE

SPECIES COMPOSITION

SALINE SEDGELAND/RUSHLAND (ARS)	% ABUNDANCE AT SITE			
	<5%	5-25%	25-50%	>50%
Juncus kraussii (sea rush)				
Gahnia filum (chaffy sawsedge)				
Austrostipa stipoides (coast speargrass)				
Other rushes, sedges, grasses				
SUCCULENT SALINE HERBLAND (ASS)				
Sarcoconia spp. (glasswort/samphire)				
Tecticornia arbuscula (shrubby glasswort)				
Other succulent hers and shrubs				
Bare ground				
Other woody shrubs, trees				

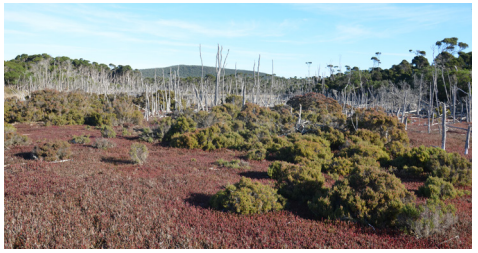
Comments:

TASVEG Mapping Unit (see Fig. 1 below)

SALINE SEDGELAND/ RUSHLAND (ARS)	%	SUCCULENT SALINE HERBLAND (ASS)	%	OTHER	%

Comments:

Fig. 1. In Tasmania, saltmarshes are formally defined and mapped by two vegetation community types: succulent saltmarsh (ASS) and grassy saltmarsh (ARS).



Succulent saltmarsh in North East River, Flinders Island, domniated by Shrubby Glasswort *(Tecticornia arbuscula)* and Beaded Glasswort *(Sarcocornia quinqueflora)*

Grassy saltmarsh in Scamander River on the east coast of Tasmania, dominated by Sea Rush *(Juncus kraussii)* and Chaffy Sawsedge *(Gahnia filum)* with Beaded Glasswort understorey.

INVASIVE SPECIES WITHIN THE SALTMARSH

SPARTINA ANGLICA[2] (COMMON CORDGRASS OR RICE GRASS)

DESCRIPTION	% ABUNDANCE AT SITE				
Spartina extent	<5%	5-30%	30-70%	>70%	100%

Comments:

OTHER WEEDS[3] (EXCLUDING RICE GRASS)

	% ABUNDANCE AT SITE				
Weeds extent (in total)	<5%	5-30%	30-70%	>70%	100%

COMMON NAME:	SCIENTIFIC NAME:	NUMBER OF PLANTS/ AREA OCCUPIED (IN M2)
Blackberry	*Rubus fruticosus*	
Boneseed	*Chrysanthemoides monilifera*	
Boxthorn	*Lycium ferocissimum*	
Gorse	*Ulex europaeus*	
Pampas grass	*Cortaderia* spp.	
Radiata pine	*Pinus radiata*	
Sweet briar	*Rosa rubiginosa*	
Sea spurge	*Euphorbia paralias*	
Sharp rush	*Juncus acutus*	
Spanish heath	*Erica lusitanica*	

[2] *Spartina* is by far the most important weed to monitor in Tasmanian saltmarshes.
[3] The weeds listed here are considered to be of importance for management intervention.

OTHER PLANTS

Scientific Names	Recorded	Average Height	Flowering Status

ADDITIONAL COMMENTS

For rare (listed) species, estimate number of plants or area occupied (in m2)

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