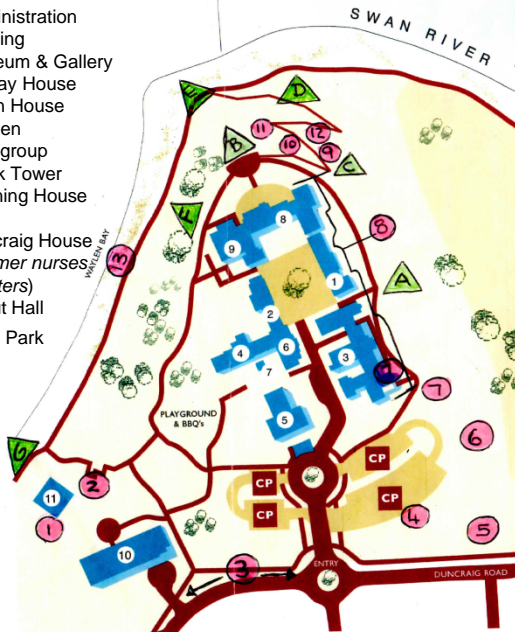


## Waylen Bay/Heathcote Reserve ClimateWatch Trail

Date \_\_\_\_\_ Time \_\_\_\_\_

### Legend

1. Administration Building
2. Museum & Gallery
3. Murray House
4. Swan House
5. Kitchen
6. Play group
7. Clock Tower
8. Canning House
9. Café
10. Duncraig House (Former nurses quarters)
11. Scout Hall
- CP Car Park



### Species Legend

1. Coastal/Victorian Tee Tree
2. Coastal/Victorian Tee Tree
3. Jacaranda
4. London Plane Tree
5. Australian Magpie, Golden Whistler, Willie Wagtail, Magpie-Lark, Rainbow Bee-eater, Grey Fantail
6. Moaning Frog, Motorbike Frog
7. Honey Bee – Tree hollow and down pipe under roof
8. Welcome Swallow – under eaves
9. Slender/Candle Stick Banksias, Horsfield's Bronze Cuckoo, White Cheeked Honeyeater, Bobtail skink
10. Native wisteria, Horsfield's Bronze cuckoo, White Cheeked Honeyeater, Bobtail skinks
11. Marri, Horsfield's Bronze cuckoo, White Cheeked Honeyeater, Bobtail skinks
12. Native wisteria, Horsfield's Bronze cuckoo, White Cheeked Honeyeater, Bobtail skinks
13. Red-necked stint on the beach

### Observation Sites Legend

- A. Zamia, Swan River, South Perth Yacht Club
- B. Sculptures, History Plaque, Chess Board
- C. Species Foreshore Information Plaque
- D. Sounds – waves crashing on the foreshore, sound of the wind in the boat sails, Motorbike frog, Moaning frog
- E. Dolphins, Reflection point
- F. Zamia, Parrot Bush, Dying Plants
- G. Waylen Bay Scouts Environment Project – Sedges.

### How to Record

Mark observations on the map in this format:  
*Species/How many/Behavior/Comments*  
*(i.e. 3 Australian Magpie birds on nest, nest present = AM/3/BoN,NP)*

Enter all data on [www.climatewatch.org.au](http://www.climatewatch.org.au) by clicking on

RECORD TRAIL SIGHTINGS 

This trail was created with



Data collected contributes to



	Code	Common Name ( <i>Scientific Name</i> )	Code	Behaviour
BIRDS	AM	Australian Magpie ( <i>Cracticus tibicen</i> )	C	Courting/mating
	BEC	Black-eared Cuckoo ( <i>Chrysococcyx osculans</i> )	Ca	Calling
	GW	Golden Whistler ( <i>Pachycephala pectoralis</i> )	F	Feeding
	GF	Grey Fantail ( <i>Rhipidura fuliginosa</i> )	BoC	Bird on chicks
	HBC	Horsfield's Bronze-Cuckoo ( <i>Chrysococcyx basalis</i> )	BoE	Bird on eggs
	ML	Magpie-lark ( <i>Grallina cyanoleuca</i> )	BoN	Bird on nest
	PB	Pied Butcherbird ( <i>Cracticus nigrogularis</i> )	BfY	Bird feeding young
	RBE	Rainbow Bee-eater ( <i>Merops ornatus</i> )	O	Other (Describe in Comments)
	RNS	Red-necked Stint ( <i>Calidris ruficollis</i> )		
	WS	Welcome Swallow ( <i>Hirundo neoxena</i> )		
	WW	Willie Wagtail ( <i>Rhipidura leucophrys</i> )		
	WCHE	White Cheeked Honey-eater ( <i>Phylidonyris nigra</i> )	NP	Nest Presence
	PLANTS	CTT or VTT	Coastal Tea Tree, Australian Myrtle, Victorian Tea Tree ( <i>Leptospermum laevigatum</i> ) ("VTT" for WA)	1F
J		Jacaranda ( <i>Jacaranda mimosifolia</i> )	FF	Full flowering (50% of flowers open)
LTP		London Plane Tree ( <i>Platanus x acerifolius</i> )	EF	End of flowering (95% of flowers faded)
M		Marri ( <i>Corymbia calophylla</i> )	NF	Not flowering
NW		Native Wisteria ( <i>Hardenbergia comptoniana</i> )	1LO	First fully open leaf
SB		Slender Banksia ( <i>Banksia attenuata</i> )	LO	Leaves open
			1LC	First leaf to change colour
			LC	Leaves Changing Colour
			1LD	First leaf to drop this year
			LD	50% or more of leaves dropped
		NL	No Leaves	
		OSP	Open seed pods/fruits	
		FR	Fruit fully ripened	
		SDG	Seeds dropped to the ground	
INSECTS	EW	European Wasp ( <i>Vespa germanica</i> )	P	Presence (to establish the first and last sighting for the season)
		Honey Bee ( <i>Apis mellifera</i> )	C	Courting/mating
		Sw	Presence of a swarm (bee only)	
FROGS	MF	Moaning Frog ( <i>Heleioporus eyrie</i> )	Ca	Calling
	MBF	Motorbike Frog ( <i>Litoria moorei</i> )	C	Courting/Mating
			E	The appearance of eggs
REPTILES	B	Bobtail ( <i>Tiliqua rugosa</i> )	F	Feeding
			B	Basking
			C	Courting/mating
			HE	Hatched eggs
			J	Presence of juveniles

### Become a citizen scientist

Suburban streets, parks, backyards and bushland – nature is all around us. We are calling on you to take notice of what’s happening in your neighbourhood and record what you see online.

ClimateWatch was developed by Earthwatch with the Bureau of Meteorology and the University of Melbourne to understand how changes in temperature and rainfall are affecting the behaviour of Australia’s plants and animals.

Become a regular ClimateWatcher by recording near home, work, school and when you travel and together with the rest of the nation, help scientists shape Australia’s response to climate change.



### How can ClimateWatch help scientists?

“Changes in rainfall and temperature across Australia are already triggering changes in the established flowering times, breeding cycles, migrations and distributions of the country’s flora and fauna, both native and introduced.

Citizen scientists play a very important role as we do not have enough dedicated scientists to monitor different areas.”

**Dr Lynda Chambers, Senior Researcher**  
Centre for Australian Weather and Climate Research – Bureau of Meteorology  
ClimateWatch Science and Technical Advisor.

“Whales (cetaceans) are the “canaries in the coal mine” that will alert us to fundamental changes in the oceans food web. They are large, easily monitored animals that provide us with an early warning system on the potential decline in ocean productivity, caused by changes in our climate.”

**Curt Jenner,**  
Managing Director for the Centre for Whale Research (WA) Inc

## Register and start recording at [climatewatch.org.au](http://climatewatch.org.au)

### Want to create a ClimateWatch Trail?

Through creating a ClimateWatch trail you can involve your local community group, school, university or workplace in recording at a location that is important to you.

You can record observations as frequently as you like and walking a trail is great way to involve your friends, family and colleagues in discovering your local environment and contributing to national research.

#### To make it easy we will:

- Create a survey and webpage for your trail on [climatewatch.org.au](http://climatewatch.org.au)
- Compile an id sheet with labelled species diagrams
- Create a printable recording sheet

#### For Schools

There are classroom lessons online and links to the Australian Curriculum

Discover how to create a trail at [climatewatch.org.au](http://climatewatch.org.au)

