

PORT PHILLIP BAYKEEPER SHORELINE SHELL SURVEY

Beach name:	Date:					
Start landmark:	End landmark:					
Start time:	Finish time:					
Survey by:	Measure shell size 10mm 20mm 30mm 40mm 50mm 80mm					
Email / phone:						

shell number	Name of shell (if known) or brief description	Number in survey area					shell size at longest and widest points
		one only	less than 10	10 to 50	51 to 100	more than 100	
1							L: W:
2							L: W:
3							L: W:
4							L: W:
5							L: W:
6							L: W:
7							L: W:
8							L: W:
9							L: W:
10							L: W:

Notes on beach condition: eg, seaweeds present, litter items, beach erosion, dead fish... anything unusual?

Your survey results will be combined with others from right around the Bay. Since January 2009 we've collected surveys from 32 beaches. Ongoing surveys will enable comparison with historical data published in the 1960s and allow us to note any changes. The project will also show what makes each beach special, provide information for local brochures, and perhaps even a book of Port Phillip Bay shells.

HOW TO DO THE PORT PHILLIP BAYKEEPER SHORELINE SHELL SURVEY

AT THE BEACH:

- Choose two permanent landmarks at least 50 paces apart to mark the start and finish of the survey area (eg. pole, tree, pier, bin). Note landmarks at top of survey sheet.
- Walk slowly along the high tide line to find different types of shells. Include pieces of broken shell if they are obviously different species.
- When you find a new shell: photograph it on the beach where you find it. Photos will be preferably digital camera shots.
- Whenever you take a photo: fill in the survey details next to the shell number.
- Use the scale on the survey sheet to measure the shell at its longest (L) and widest (W) points.
- Estimate of the abundance of each species found.

AT HOME:

- When downloading photos, name each photo to include:
beach name, your initials, date, and shell number on survey sheet.
For example **Altona jm 270209 sh13**
- Burn your photos onto a CD.
- Mail the CD and survey sheet to: Port Phillip Baykeeper
c/- Port Phillip EcoCentre
55A Blessington Street, St Kilda 3182
- Please tell us if you have any problems with the survey method, or suggestions to improve it. Phone 9534 0670 or email baykeeper@ecocentre.com

www.bay-keeper.com

Information about shells:

Australian Marine Life	Graham J Edgar. Reed New Holland
Bayside Beaches of Port Phillip	Raymond V Lewis
Coastal Invertebrates of Victoria	Field Naturalists Club of Vic, Marine Research Group
Marine Molluscs of Victoria	MacPherson & Gabriel. Melb Uni Press & National Museum of Vic
Seahells of South-East Australia	Patty Jansen. Capricornia Publications
Victoria's Rocky Intertidal Coast	Eds. Rebecca Koss & Dr Tim O'Hara

Many thanks for your contribution!