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WAY OUT WEST

Dune Restoration of NZ Annual Conference 2014

11 – 13th March 2014

Fitzroy Surf and Lifesaving Club, New Plymouth

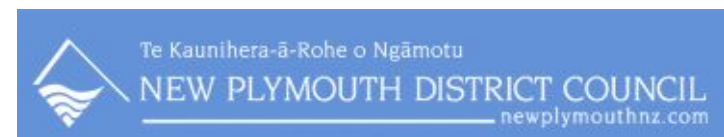


Presentation: Eastbourne Dunes Protection Group

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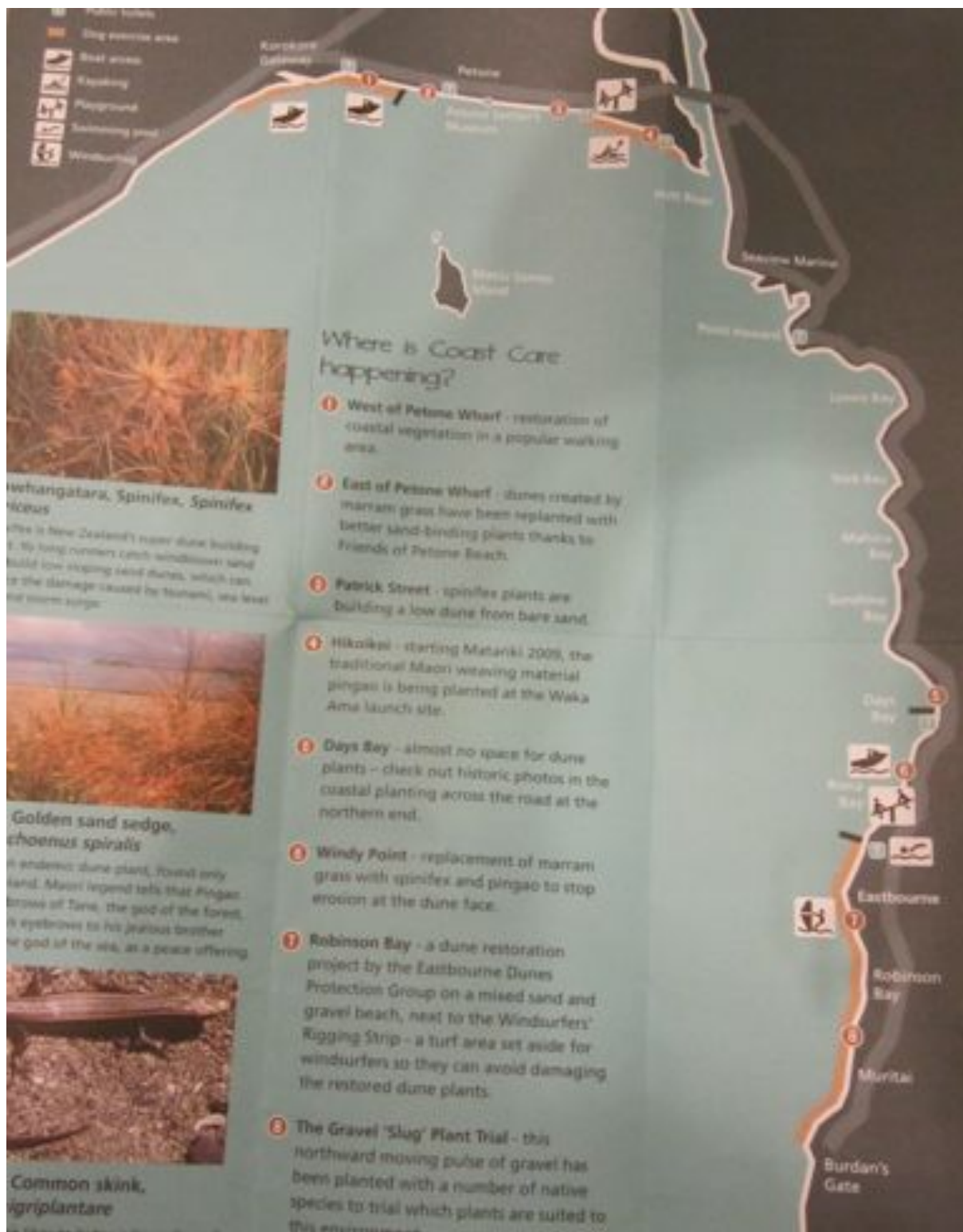


Department of
Conservation
Te Papa Atawhai



A scenic landscape of a coastal dune area. In the foreground, tall, golden-brown grasses with feathery heads are blowing in the wind. The middle ground shows a wide, sandy beach covered with low-lying, light-colored vegetation. In the background, the blue sea stretches to the horizon under a clear blue sky with a few wispy clouds. A small town and hills are visible on the left side of the image.

Eastbourne Dunes
Protection Group



Where is Coast Care happening?

- 1 West of Petone Wharf - restoration of coastal vegetation in a popular walking area.
- 2 East of Petone Wharf - dunes created by marram grass have been replanted with better sand-binding plants thanks to Friends of Petone Beach.
- 3 Patrick Street - spinifex plants are building a low dune from bare sand.
- 4 Hikoiki - starting Matariki 2009, the traditional Maori weaving material pingao is being planted at the Waka Ama launch site.
- 5 Days Bay - almost no space for dune plants - check out historic photos in the coastal planting across the road at the northern end.
- 6 Windy Point - replacement of marram grass with spinifex and pingao to stop erosion at the dune face.
- 7 Robinson Bay - a dune restoration project by the Eastbourne Dunes Protection Group on a mixed sand and gravel beach, next to the Windsurfers' Rigging Strip - a turf area set aside for windsurfers so they can avoid damaging the restored dune plants.
- 8 The Gravel 'Slug' Plant Trial - this northward moving pulse of gravel has been planted with a number of native species to trial which plants are suited to this environment.



whangatarā, Spinifex, Spinifex acutus
 This is New Zealand's most dune building & its long runners catch windblown sand build low rolling sand dunes, which can be the damage caused by tsunami, sea level rise & storm surge.



Golden sand sedge, Phoenix spiralis
 An endemic dune plant, found only on sand. Maori legend tells that Pingao, brother of Tane, the god of the forest, is eyebrows to his jealous brother or god of the sea, as a peace offering.



Common skink, Oligoplantare



2014



2006



2008



After Storm June 2013



2014



2008



2010



2011



2012



June 2013 Storm



2014



2014





2011

03.07.2011 10:46



June 2013 Storm



2014



2007



2009



2014



2014



2014



2014



2014



2014



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STRONG

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