

Figure 5. Wairarapa's eastern coastline is one of the most important remaining regions for *L. katipo*. This site at Flat Point was found to contain abundant individuals under driftwood and stones. A few months later the population had dwindled, underlining the huge fluctuations that it experiences.



Figure 6. Wellington's south-eastern coastline is wild and scenic, with abundant natural values. Red katipo are found at several places from the base of Lake Onoke Spit (pictured) to Cape Palliser. Driftwood in the foreground housed several katipo co-existing with *Steatoda capensis*.



Figure 7. Red katipo were found at two places on Farewell Spit, but are sure to exist more widely there. At the inside base of the spit, they were commonly found under driftwood in an old area of storm damage. Farewell Spit is a key site for the future of *L. katipo* nationwide.



Figure 8. Kaitorete Spit, south of Banks Peninsula, is one of the most important sand-dune systems in New Zealand. It has the largest continuous population of pingao (*Desmoschoenus spiralis*), endemic plants and insects, and also a population of red katipo. Dry grassland and shrubland support this large population of katipo.



During the present survey, a more intensive study on *L. katipo* was being conducted in Canterbury Conservancy (James Griffiths, unpublished data). Griffiths found 93 adult red katipo on the dunes of nine beach systems (Table 2). Of these, 48 adults were found at Kaitorete Spit, a key site for *L. katipo* identified in both surveys (Table 1).

Black katipo (*L. atritus*) were found at only three sites during the present survey. However, they are likely to be more widespread in the Bay of Plenty, East Cape, Hawke's Bay and Northland regions if targeted by a full survey.

TABLE 1. KEY SITES FOR RED KATIPO BY DOC CONSERVANCY.

DOC CONSERVANCY	SITE
Bay of Plenty	Papamoa Beach
Hawke's Bay	Ocean Beach Porangahau Herbertville
Wanganui	Whangaehu River Himatangi Beach
Wellington	Te Humenga Point Flat Point Uruti Point Lake Onoke Spit
Nelson	Cape Campbell Maori Pa Beach Farewell Spit
West Coast	Karamea Beach
Canterbury	Kaitorete Spit Orari River mouth *Woodend *Kairaki
Otago	Karitane Spit

* Griffith (unpubl. data).

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