

# Recovery of a subtidal soft-sediment macroinvertebrate assemblage following experimentally induced effects of a harmful algal bloom

Kerstin Kröger<sup>1,2,\*</sup>, Jonathan P. A. Gardner<sup>1</sup>, Ashley A. Rowden<sup>2</sup>, Robert G. Wear<sup>1</sup>

<sup>1</sup>Island Bay Marine Laboratory, School of Biological Sciences, Victoria University of Wellington, PO Box 600, Wellington 6140, New Zealand

<sup>2</sup>Present address: National Institute of Water and Atmospheric Research, PO Box 14-901 Kilbirnie, Wellington 6241, New Zealand

\*Email: k.kroeger@niwa.co.nz

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**Appendix 1.** Wellington Harbour. List of benthic macroinvertebrate species ( $\geq 0.5$  mm) obtained in diver-operated core samples. +: species present; -: species absent

Group	Species	Controls	Treatments
Anthozoa	<i>Scolanthus</i> sp. A	+	+
	<i>Nucula hartvigiana</i>	+	+
Bivalvia	<i>Modiolus areolatus</i>	–	+
	? <i>Tiostrea lutaria</i> juv.	+	–
	<i>Pratulum pulchellum</i>	+	+
	<i>Corbula zealandica</i>	+	+
	<i>Scintillona zelandica</i>	+	+
	<i>Melliteryx parva</i>	+	+
	<i>Arthritica bifurca</i>	+	+
	<i>Zenatica acinaces</i>	–	+
	<i>Gari stangeri</i>	+	+
	<i>Leptomya retiaria</i>	+	+
	<i>Theora lubrica</i>	+	+
	<i>Ascitellina urinatoria</i>	+	+
	<i>Serratina charlottae</i>	+	+
	<i>Diplodonta zelandica</i>	+	+
	<i>Ruditapes largillierti</i>	+	+
	<i>Tawera spissa</i>	+	+
	<i>Myadora striata</i> juv.	+	–
Polyplacophora	<i>Ischnochiton</i> sp. A	+	+
	<i>Chiton</i> sp. A	+	+
	<i>Chiton</i> sp. juv.	+	+
Gastropoda	<i>Rhyssoplax</i> sp. A	+	+
	? <i>Cellana strigilis</i>	+	–
	<i>Notoacmea</i> sp. juv.	+	+
	<i>Buccinulum linea</i>	–	+
	<i>Cantharidella tessellata</i>	+	+
	<i>Cantharidus purpureus</i>	+	–
	<i>Trochus tiaratus</i>	+	+
	<i>Turbo smaragdus</i>	+	+
	<i>Maoricolpus roseus roseus</i>	+	+
	<i>Anabathron hedleyi</i>	–	+
	<i>Caecum digitulum</i>	+	+
	<i>Sigapatella tenuis</i>	–	+
	<i>Tanea zelandica</i>	+	–
	<i>Xymene pusillus</i>	+	+
	<i>Gumina dolichostoma</i>	+	+
<i>Odostomiun</i> sp. A	+	–	
Polychaeta	<i>Turbonella</i> sp. 1	+	+
	? <i>Ampharetinae</i> sp. B	–	+
	<i>Barantolla</i> sp.	+	+
	<i>Capitomastus</i> sp.	+	+
	<i>Notomastus</i> sp.	+	+

Appendix 1 (continued)

	<i>Chaetozone</i> sp. B	+	-
	Cirratulidae sp. D	+	+
	Dorvilleidae sp. A	+	+
	<i>Lumbrineris</i> sp. A	+	+
	<i>Glycinde dorsalis</i>	+	+
	<i>Glycera ovigera</i>	+	+
	<i>Hemipodus simplex</i>	+	+
	<i>Microptalamus</i> sp. A	+	+
	<i>Aglaophamus virilli</i>	+	+
	<i>Aglaophamus</i> sp. 3	+	-
	<i>Platynereis ?australis</i>	+	+
	<i>Armandia muculata</i>	+	+
	<i>Onuphis aucklandensis</i>	+	+
	<i>Orbinia papillosa</i>	+	+
	<i>Owenia petersenae</i>	+	+
	<i>Pectinaria australis</i>	+	+
	? <i>Amphictene</i> sp.	-	+
	Phyllodocidae sp. B	+	+
	<i>Sthenelais taurangaensis</i>	-	+
	<i>Aphrodita talpa</i>	+	+
	<i>Lepidonotus</i> sp. A	+	+
	<i>Euchone</i> sp. A	+	+
	<i>Megalomma</i> sp. A	+	+
	<i>Spirorbis</i> sp. A	+	+
	<i>Carazziella philipensis</i>	+	+
	<i>Laonice</i> sp. A	+	-
	<i>Microspio elegantula</i>	+	+
	<i>Prionospio aucklandia</i>	+	+
	<i>Prionospio ?cirriferra</i>	+	+
	<i>Prionospio</i> sp. A	+	+
	<i>Scolelepis</i> sp. A	+	+
	<i>Exogone ?heterosetosa</i>	+	+
	<i>Exogone</i> sp. A	+	+
	<i>Exogone</i> sp. B	+	+
	Syllidae sp. A	+	+
	Syllidae sp. C	+	+
	Syllidae sp. F	+	+
	Syllidae sp. H	+	-
	<i>Polycirrus</i> sp. A	+	+
	<i>Flabelligera</i> sp. A	-	+
Peracarida	<i>Parawaldeckia</i> sp. A	+	+
	? <i>Lyssianassidae</i> sp. C	+	+
	<i>Paraphoxus</i> sp. A	+	+
	Phoxocephalidae sp. D	+	+
	Phoxocephalidae sp. I	+	+
	Gammaridae sp. B	+	+
	Amphipoda sp. M	+	+
	<i>Iphinotus typicus</i>	+	+
	? <i>Stegocephalidae</i> sp. A	+	+
	<i>Munnogonium</i> sp. 2	+	+
	<i>Eurydice</i> aff <i>semitruncata</i>	+	-
	<i>Notatolana rossi</i>	+	+
	Caprellidae sp. A	+	-
	Cumacea sp. A	+	-
	Cumacea sp. B	+	+
	Cumacea sp. D	+	+
	Tanaidacea sp. A	+	+
	<i>Leptanthura</i> sp. 2	+	+
Ostracoda	<i>Cymbicopa hispida</i>	+	+
	<i>Cymbicopa zealandica/hispida</i>	+	+
	<i>Dolasterope quadrata</i>	+	+
	<i>Euphilomedes agilis</i>	-	+
	<i>Lauroleberis zealandica</i>	+	-
	<i>Scleroconcha sculpta</i>	+	+
	Copepoda sp. A	+	+
	Copepoda sp. B	+	+

Appendix 1 (continued)

Malacostraca	<i>Callianassa filholi</i>	+	+
	<i>Jaxea novaezealandiae</i>	+	+
	<i>Halicarcinus cooki</i>	+	+
	<i>Neommatocarcinus antarcticus</i>	+	+
	<i>Notomitrax minor</i>	-	+
	? <i>Petrolisthes novaezealandiae</i>	+	+
	<i>Cancer novaezealandiae</i>	-	+
	Paguridae sp. juv.	+	+
	Decapoda larvae sp. A	+	+
	Decapoda sp. B	-	+
Holothuroidea	<i>Trochodota dendyi</i>	+	+
Echinoidea	<i>Echinocardium caudatum</i>	+	-
Asteroidea	<i>Patiriella regularis</i>	+	+
	? <i>Coscinasterias muricata</i> juvenile	-	+
Ophiuroidea	<i>Amphiura rosea</i>	+	+
Phoronidae	<i>Phoronis</i> sp.	+	+