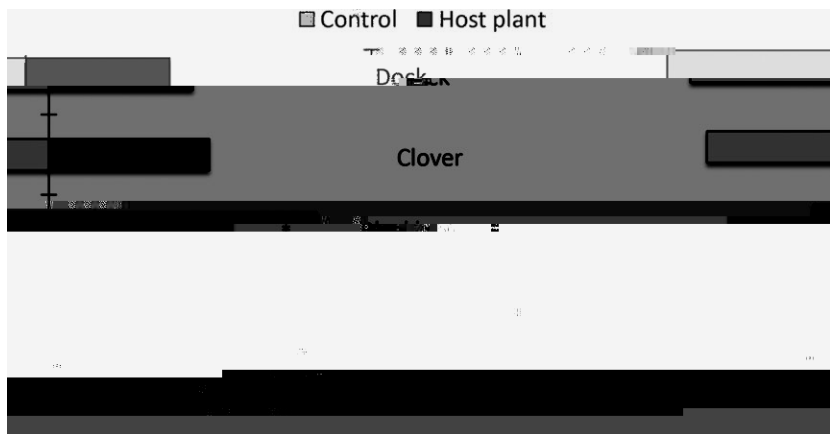


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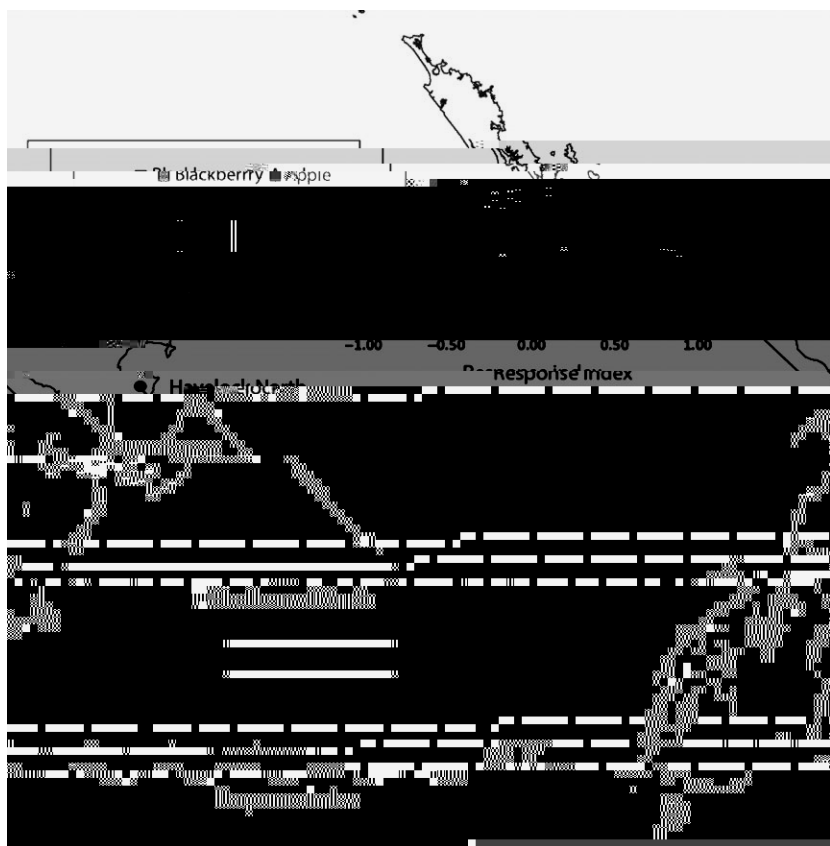
R e f f a c i i h a e e c i a d ca ada a i f a
y h a g h e r b i re, *Eucolaspis*

Olfactometry

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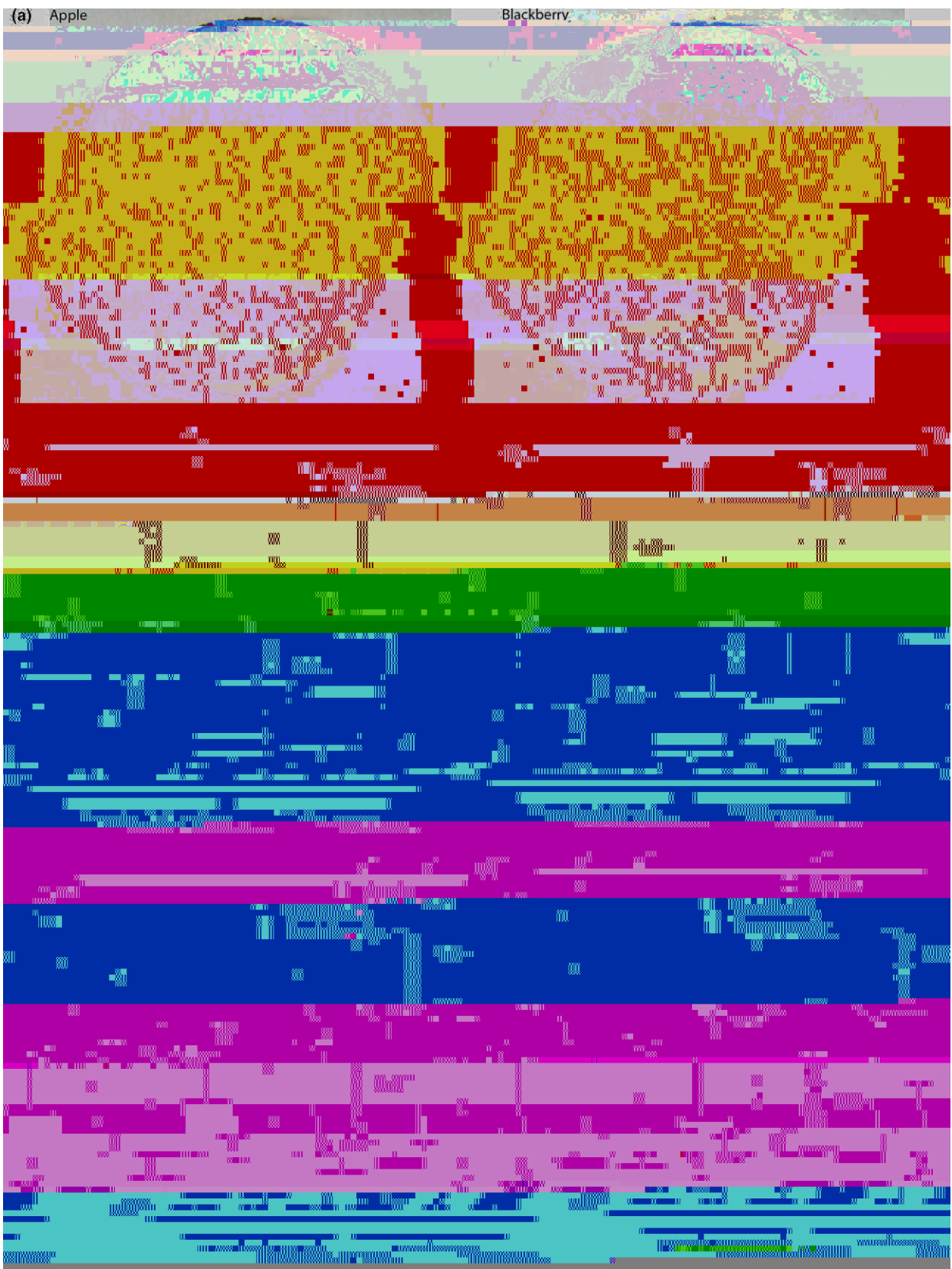
F . 1 Attraction of adult *Eucolaspis* sp. beetles to host plant odour (apple/blackberry/ white clover/broad-leaved dock) or clean air (control) in Y-tube olfactometer bioassays. *P < 0.05. X-axis shows response index; positive response index indicates attraction.



F . 2 Attraction of adult *Eucolaspis* sp. beetles from 'Havelock North apple' and 'Waikanae blackberry' populations to host plant odours (apple/blackberry) in Y-tube olfactometer bioassays. *P < 0.05. X-axes denote response index; positive response index indicates attraction to apple; negative response index indicates attraction to blackberry. Map

$\chi^2_{(1, 150)} = 61.86, P < 0.001$, 87.3%;
 $\chi^2_{(1, 150)} = 0.14, P > 0.05$, (88.3%)
 $\chi^2_{(1, 150)} = 0.14, P > 0.05$, (86.4%)
 $\chi^2_{(1, 36)} = 8.15, P = 0.0043$
 $\chi^2_{(1, 36)} = 3.84, P = 0.049$
 $\chi^2_{(1, 29)} = 0.03, P = 0.85$
 $\chi^2_{(1, 30)} = 0.55, P = 0.46$
 $\chi^2_{(2, 110)} = 15.94, P < 0.001$, 62% 65%

$$5.2, = \left(\chi^2_{(1, = 60)} = \right)$$



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 (. 3).
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 . 1991)

, 1996.

, 21, 304–308.

, 2011.

Annals of the Entomological Society of America, 40, 1458–1464.

, 2007.

, 125, 185–194.

, 2010.

, 3.

, 2006.

Entomological Society of America, 59, 57–62.

, 1997.

, 84, 212–217.

, 2012.

, 66, 2723–2738.

, 1991.

, 59, 175–187.