## **ELECTRONIC APPENDIX**

This is the Electronic Appendix to the article

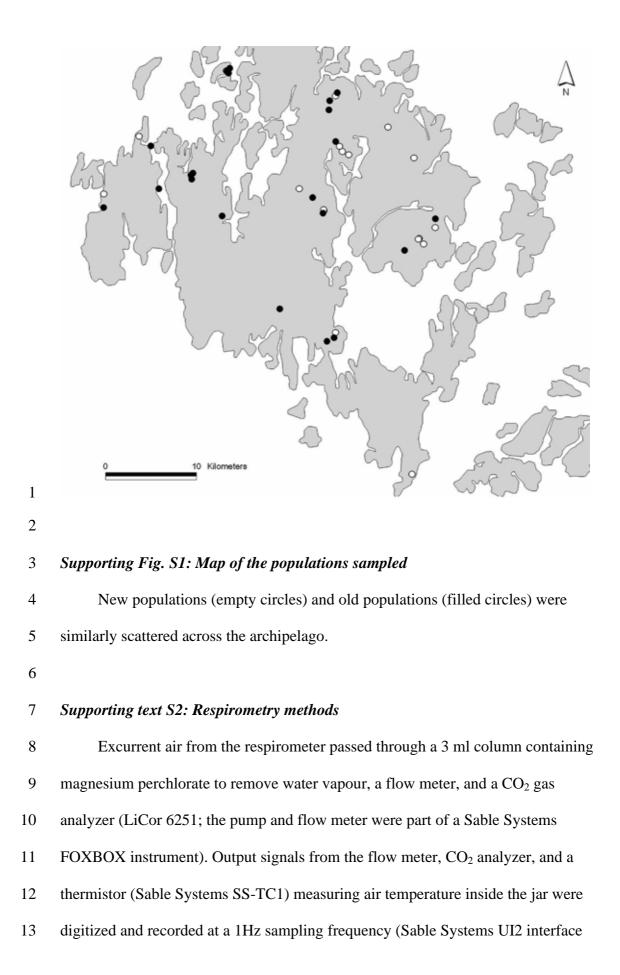
## A candidate locus for variation in dispersal rate in a butterfly metapopulation

by

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Electronic appendices are refereed with the text; however, no attempt is made to impose a uniform editorial style on the electronic appendices.



and DATACAN software) on a Macintosh G4 Powerbook computer running Virtual
PC 6.0 (Connectix).

For these measurements, butterflies were removed from the outdoor cage in the 3 4 morning (8.00 - 10.00 h), transported to the laboratory in individual cages and kept 5 outdoors in the shade (ca. 20°C). Approximately 30 min prior to each respirometry test, the butterfly was brought indoors to adjust to a warmer temperature (ca. 26°C), 6 then placed gently in the respirometry jar. Flight was initially inhibited by covering 7 8 the jar with a black cloth until a stable baseline was established for the resting rate of 9 CO<sub>2</sub> emission. The cloth was then removed and the jar was placed under a UV light 10 source and shaken gently to stimulate flight.

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