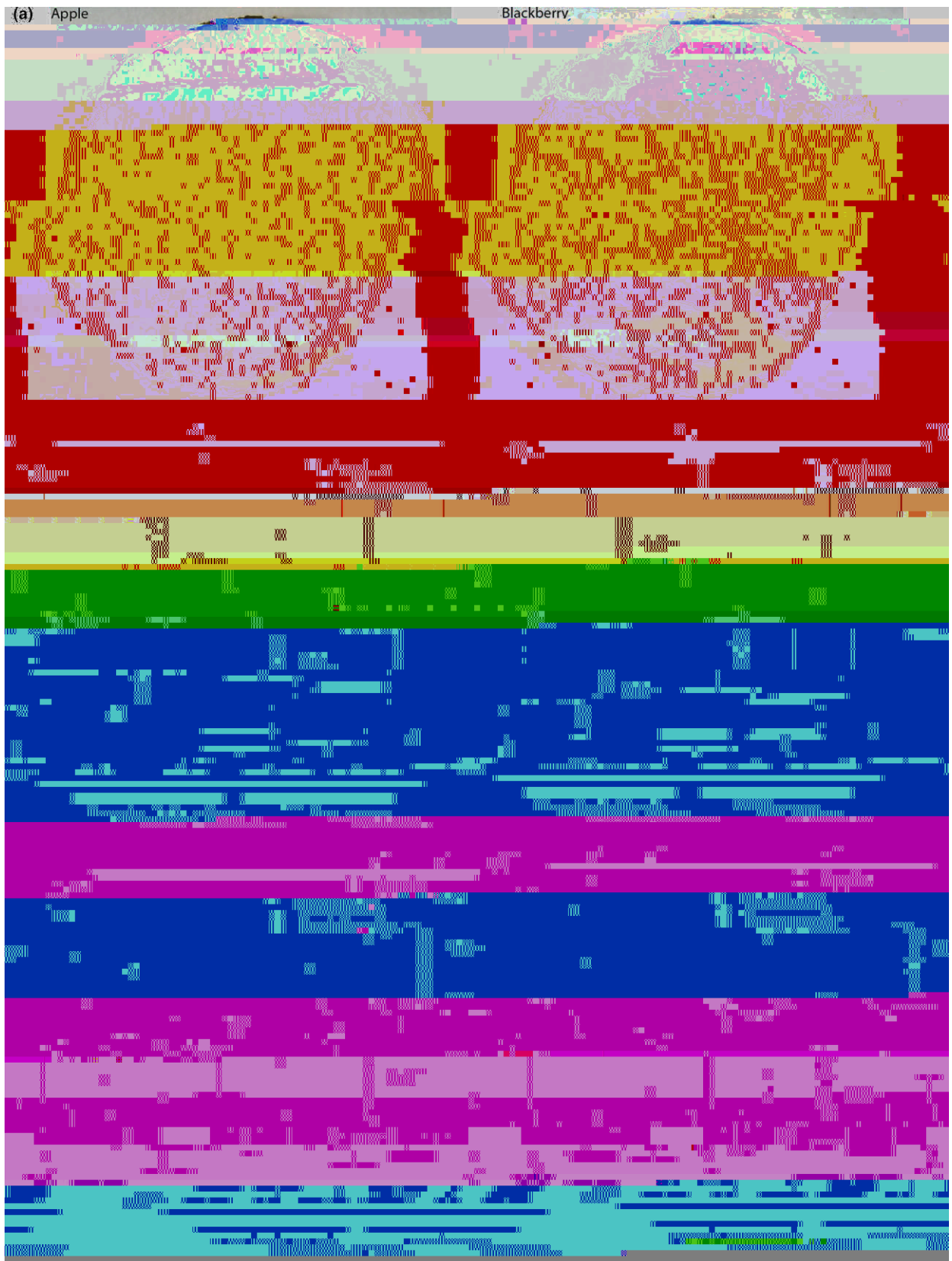# Role of olfaction in host plant selection and local adaptation of a polyphagous herbivore, *E c la i* Sharp

P. R. C. Dodd d [1],*, M. A. Minor[1a], . W ng[1], DJ . Roger [2], E. M. oot[1] & . A.T re ick[1a]

b a a a 87.3%; Wa— $\chi^2_{(1, \ N = 150)} = 61.86$, P < 0.001). Ma— (88.3%) a —a— (86.4%) ◢
, a — ◢ (Wa— $\chi^2_{(1, \ N = 150)} = 0.14$, P > 0.05).

W◦ a• ̤? a̤? ̤◢ a̤?̤? a a ̤?c ̤?̤ ̗ b̤? a — (Wa— $\chi^2_{(1, N = 36)} = 8.15$, P = 0.0043) a b ac b ◢ (Wa— $\chi^2_{(1, N = 36)} =$

Conclusions

W ⸏ab ⸏ ⸏ ⸏ c ⸏a⸏ ⸏ ⸏ a⸏ a⸏ ⸏ ⸏ca⸏ b a E a ⸏a . I ⸏ a⸏a ⸏ b b ⸏ a , ⸏ ç a ⸏ ⸏ a⸏ a⸏ ; b ⸏ ⸏ ⸏ ⸏a⸏ ⸏a⸏ b ⸏ ca⸏ ⸏ ⸏ aç⸏ ç a . W a ⸏ aç⸏ a b a a (‑ 2 a 3) ⸏ a⸏ aç⸏ a a ⸏a⸏ ca a a ⸏a⸏ . H ⸏ ç a ⸏ aç⸏ ⸏ (a⸏ a⸏ ⸏ Ha c N ⸏ b ⸏ a⸏) a ⸏ ca a a ⸏a⸏ a⸏ a c a a ⸏ a ⸏ ⸏ . O aç⸏ a a ç⸏ ⸏ ⸏a⸏ ⸏ a⸏ , b ⸏ a acc ⸏a c ç⸏ a a⸏ ç a⸏ ⸏ a a ⸏ ⸏ a⸏ a (a ⸏aç⸏ a ⸏a⸏).

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