Supplementary Information

Do unprofitable prey evolve traits that profitable prey find difficult to exploit?

Thomas N. Sherratt* and Daniel W. Franks

1Department of Biology, Carleton University, 1125 Colonel By Drive, Ottawa, ON, K1S 5B6, Canada
2Biosystems Group, School of Computing, University of Leeds, Leeds LS2 9JT, UK

Supplemental Figure

Fig. 3a-d. Proportions of unprofitable and profitable prey that evolve to form 2 after t = 2000 for a variety of values of q1 and q2 (0.1-0.9 in steps of 0.1). In all cases equilibria were reached. Parameter values: b = 2, c = 1, m = 0.001, r = 1, K = 1000, \( U_{10} = 500 \), \( U_{20} = 0 \), \( P_{10} = 500 \), \( P_{20} = 0 \). In a-b: \( s_1 = 0.5 \), \( s_2 = 0.1 \). In c-d: \( s_1 = 0.7 \), \( s_2 = 0.7 \).
FIGURE 3 (SUPPLEMENTARY)

(a) Unprofitable species

(b) Profitable species

(c) Unprofitable species

(d) Profitable species