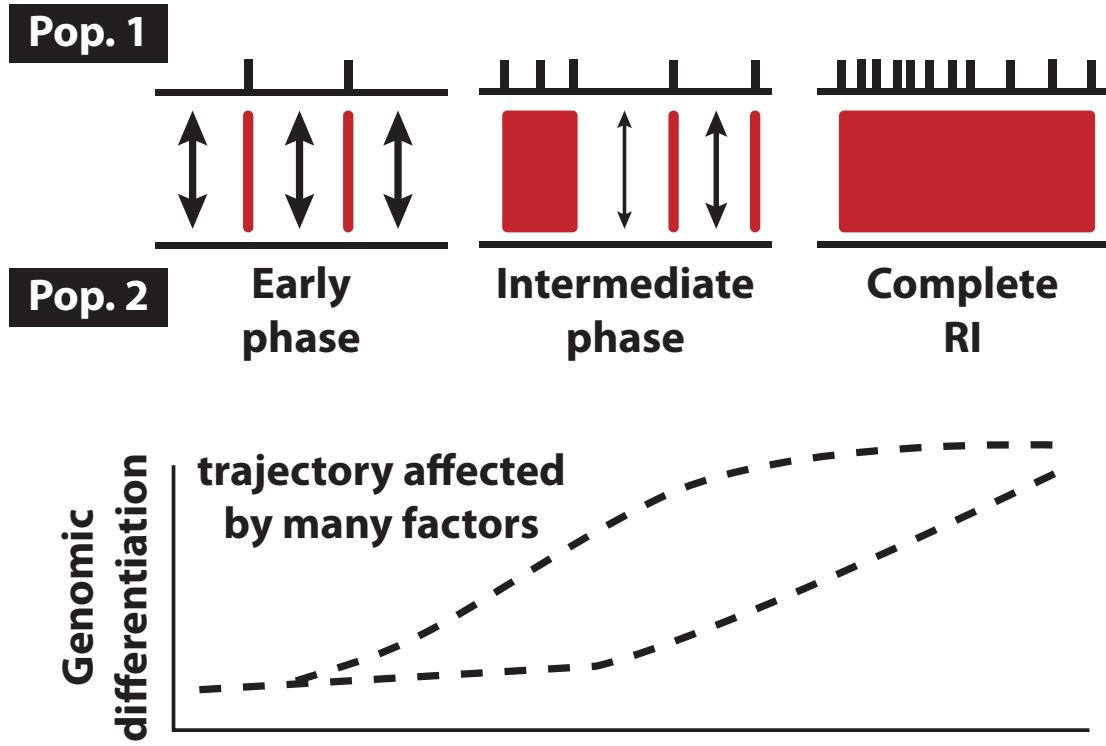
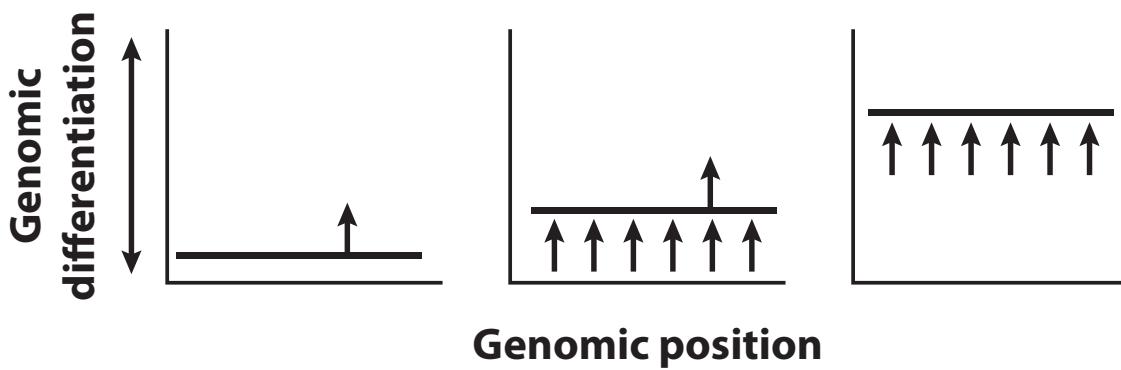


a Phases of speciation and genomic differentiation



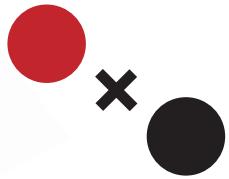
b Genomic differentiation in *Timema* stick-insects



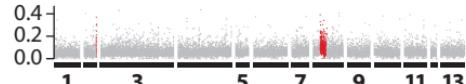
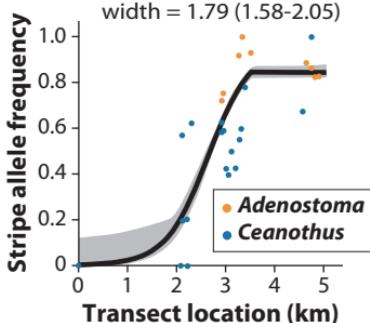
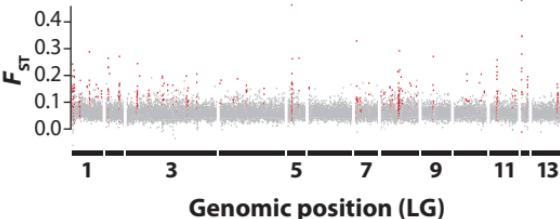
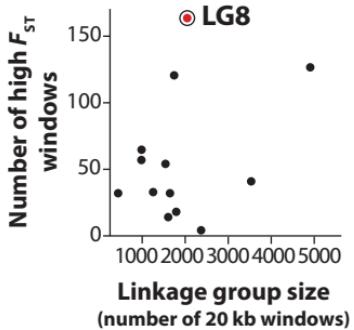
selection on
colour-pattern loci

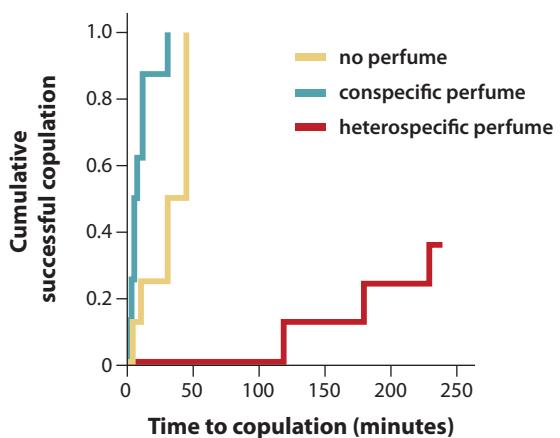
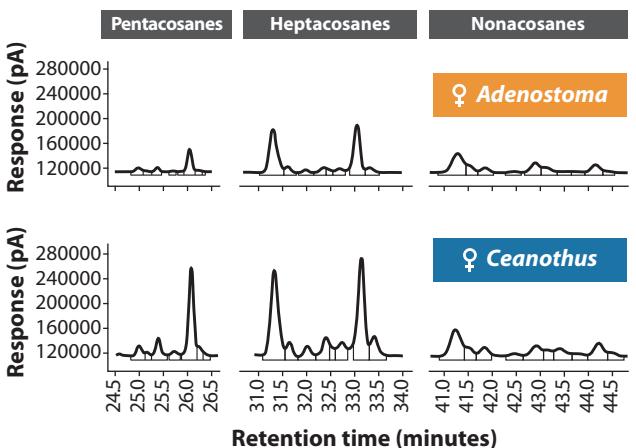
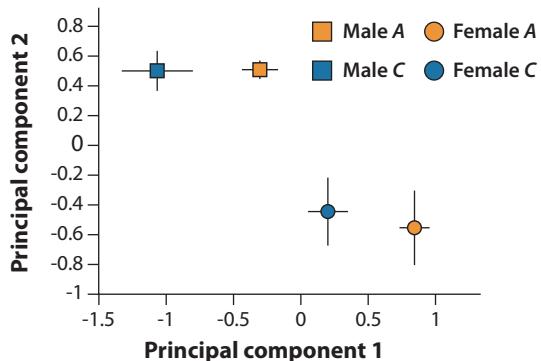
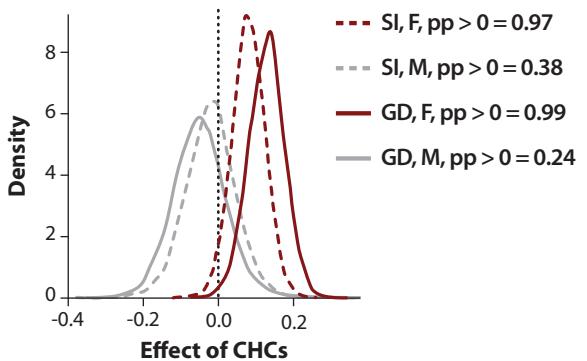
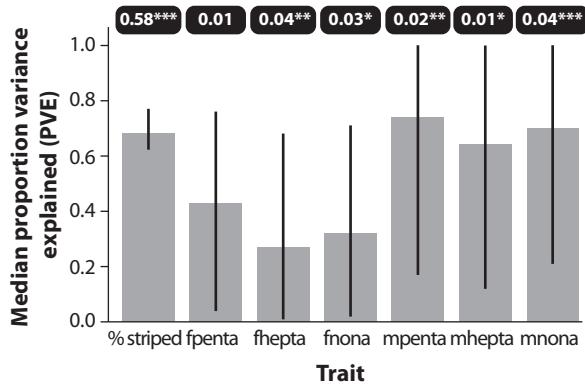
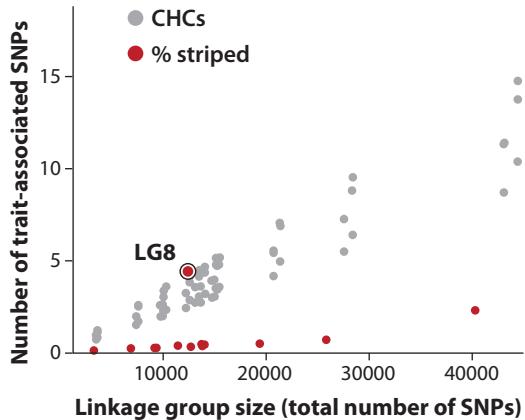


differentiation
in mate choice / CHCs



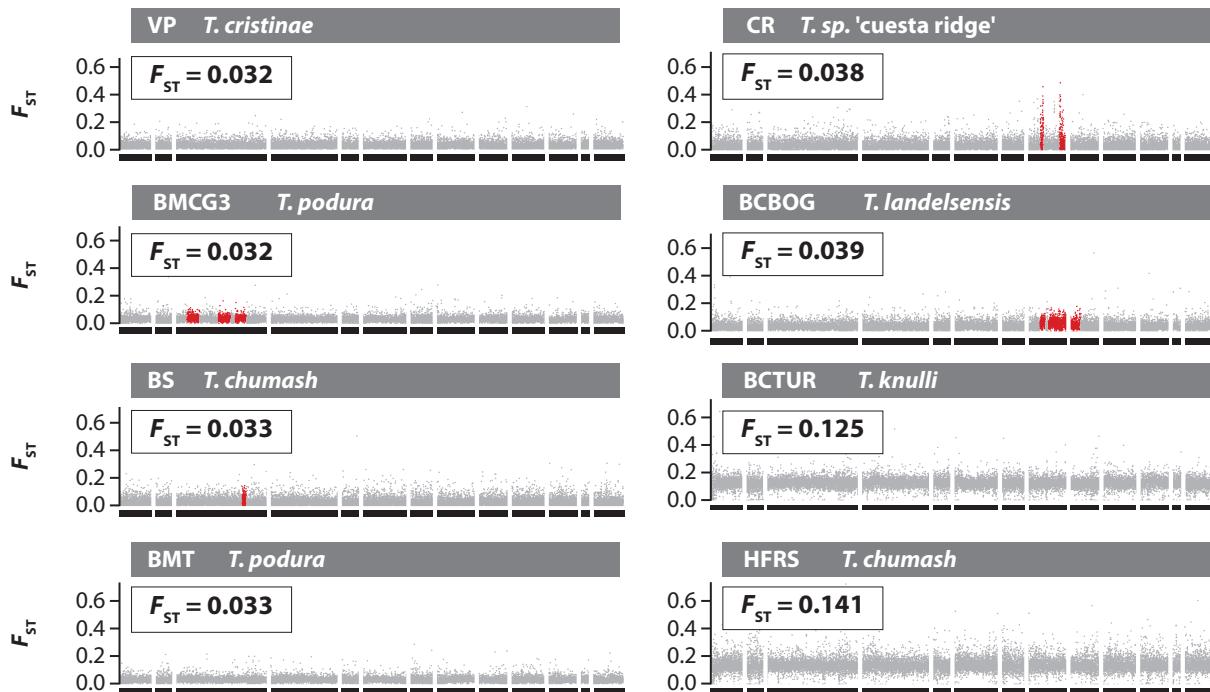
complete RI / spatial
separation

a Ecotypes and host plants**Adenostoma****Ceanothus****b Hidden Markov Model analysis of heterogeneous genetic differentiation****HV *T. cristinae*****R12 *T. cristinae*****MR1 *T. cristinae*****LAPRC *T. cristinae*****Genomic position (LG)****Genomic position (LG)****c Allele frequency cline**centre = 2.64 (2.57-2.70)
width = 1.79 (1.58-2.05)**d Differentiation between experimental populations on different hosts****e Number of high F_{ST} windows and linkage group size**

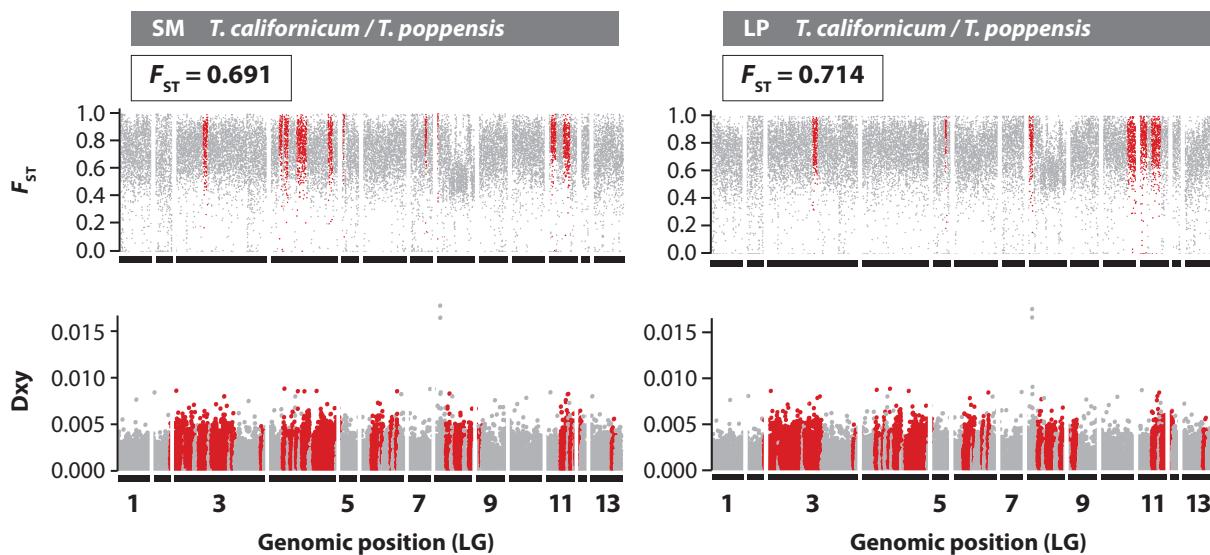
a Perfuming experiments**b Profiles of methylated CHCs****c CHC differences between ecotypes and sexes****d CHCs, sexual isolation (SI), and genomic differentiation (GD)****e Hyper-parameter estimates of genetic architecture****f Number of trait-associated SNPs and linkage group size**

Hidden Markov Model analysis of heterogeneous genetic differentiation

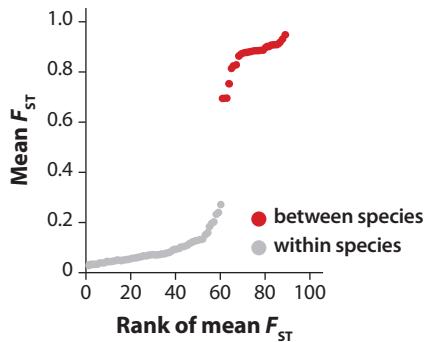
Ecotypes within species



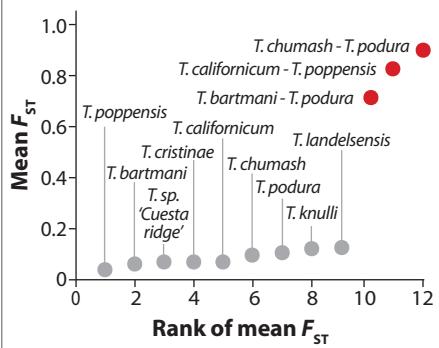
Species pair



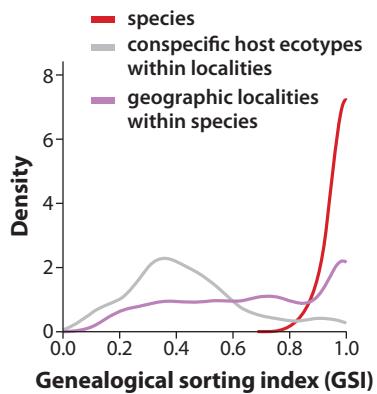
a A gap in genomic differentiation in sympatry in *Timema*



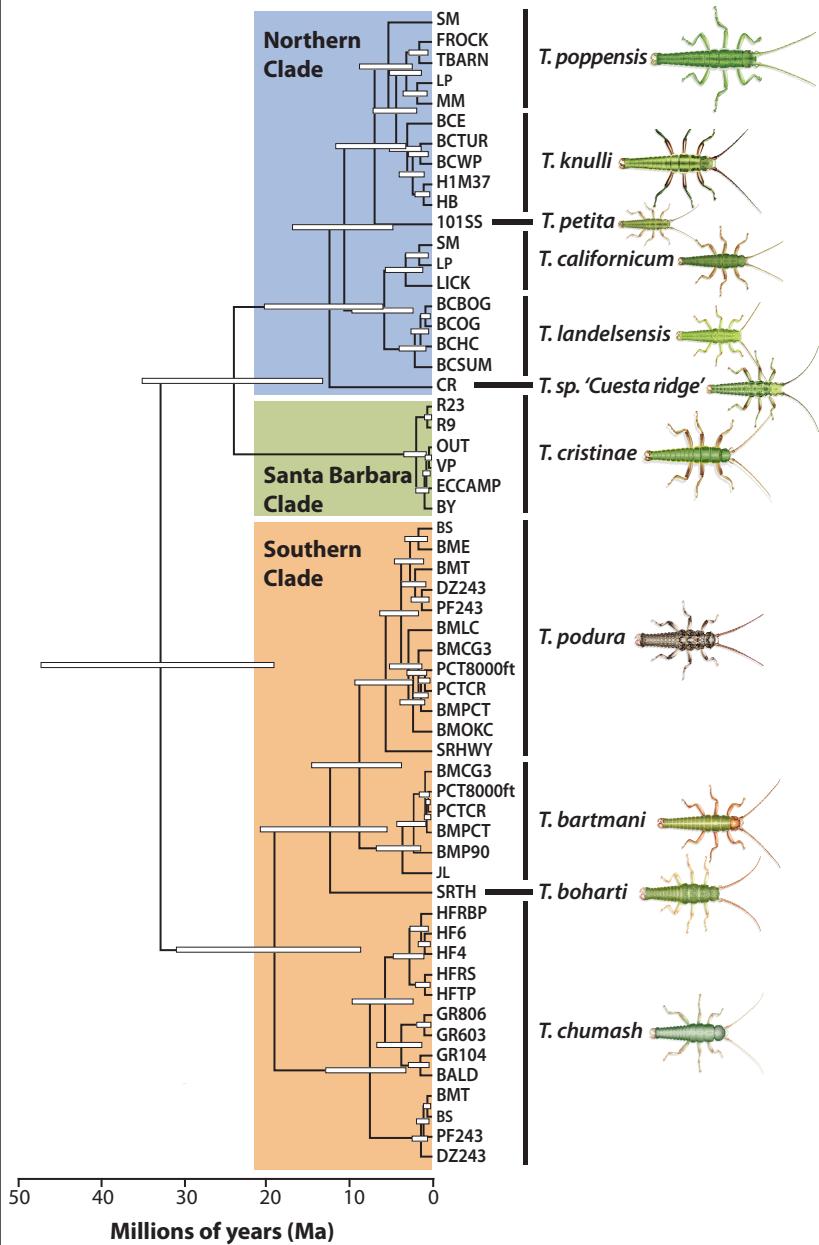
b Mean differentiation per species and species pair



c Genealogical sorting index

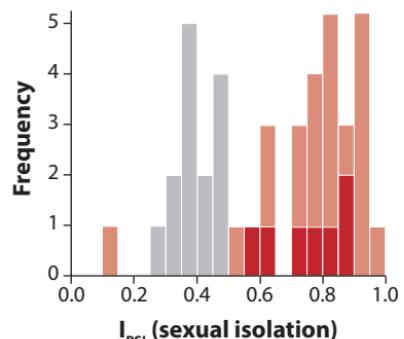
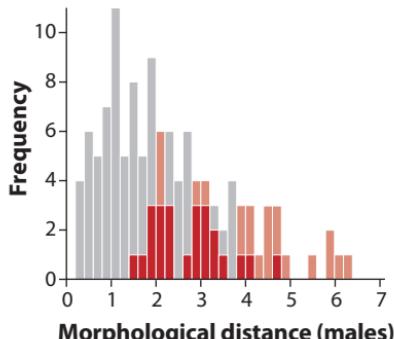
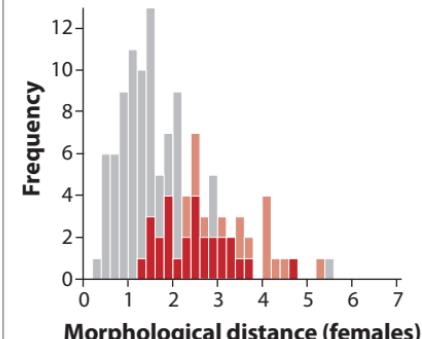
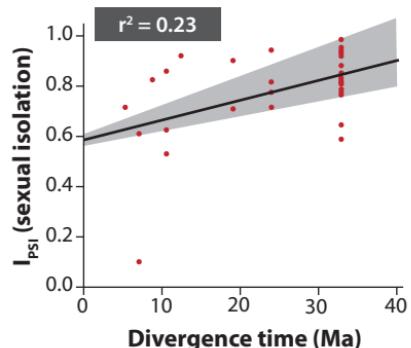
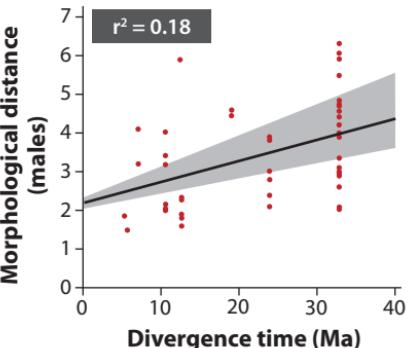


d Dated *Timema* phylogeny



a Sexual isolation within and between species

■ among populations ■ among species

**b** Morphological differentiation within and between species (males)**c** Morphological differentiation within and between species (females)**d** Sexual isolation against time**e** Morphological differentiation against time (males)**f** Morphological differentiation against time (females)