Current Biology

Supplemental Information

Temporal Dynamics of Avian Populations during Pleistocene Revealed by Whole-Genome Sequences

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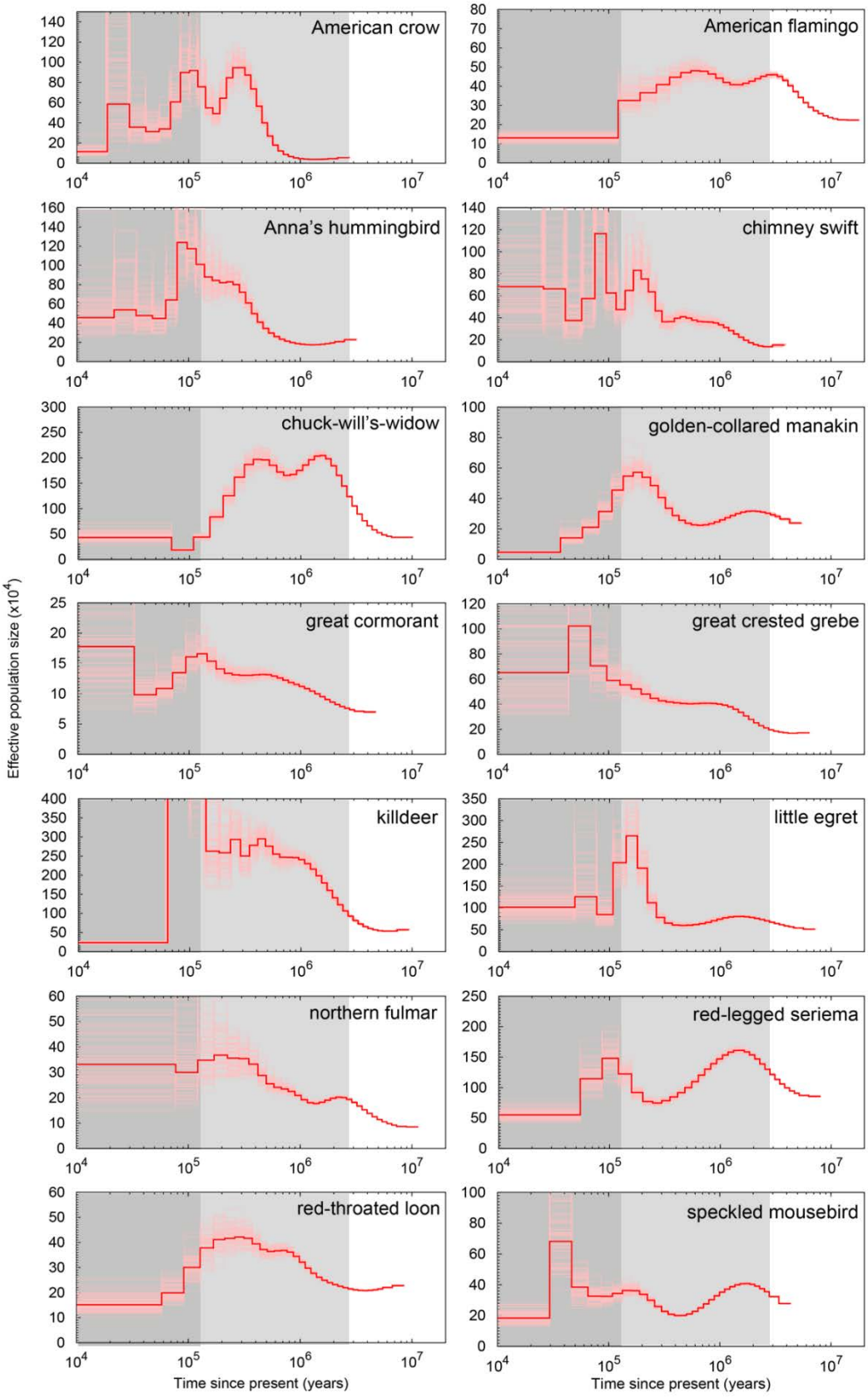
American crow
American flamingo
Anna's hummingbird
chimney swift
chuck-will's-widow
golden-collared manakin
great cormorant
great crested grebe
killdeer
little egret
northern fulmar
red-legged seriema
red-throated loon
speckled mousebird
Effective population size (x10^4)
Time since present (years)
Time since present (years)

Figure S1. PSMC results for species that are not presented in the main text (related to Figures 1-4). The red curve is the PSMC estimate for the original data and the pink curves indicate PSMC estimates for 100 bootstrapped sequences. Grey shaded area indicates Pleistocene period with LGP shown in darker grey.

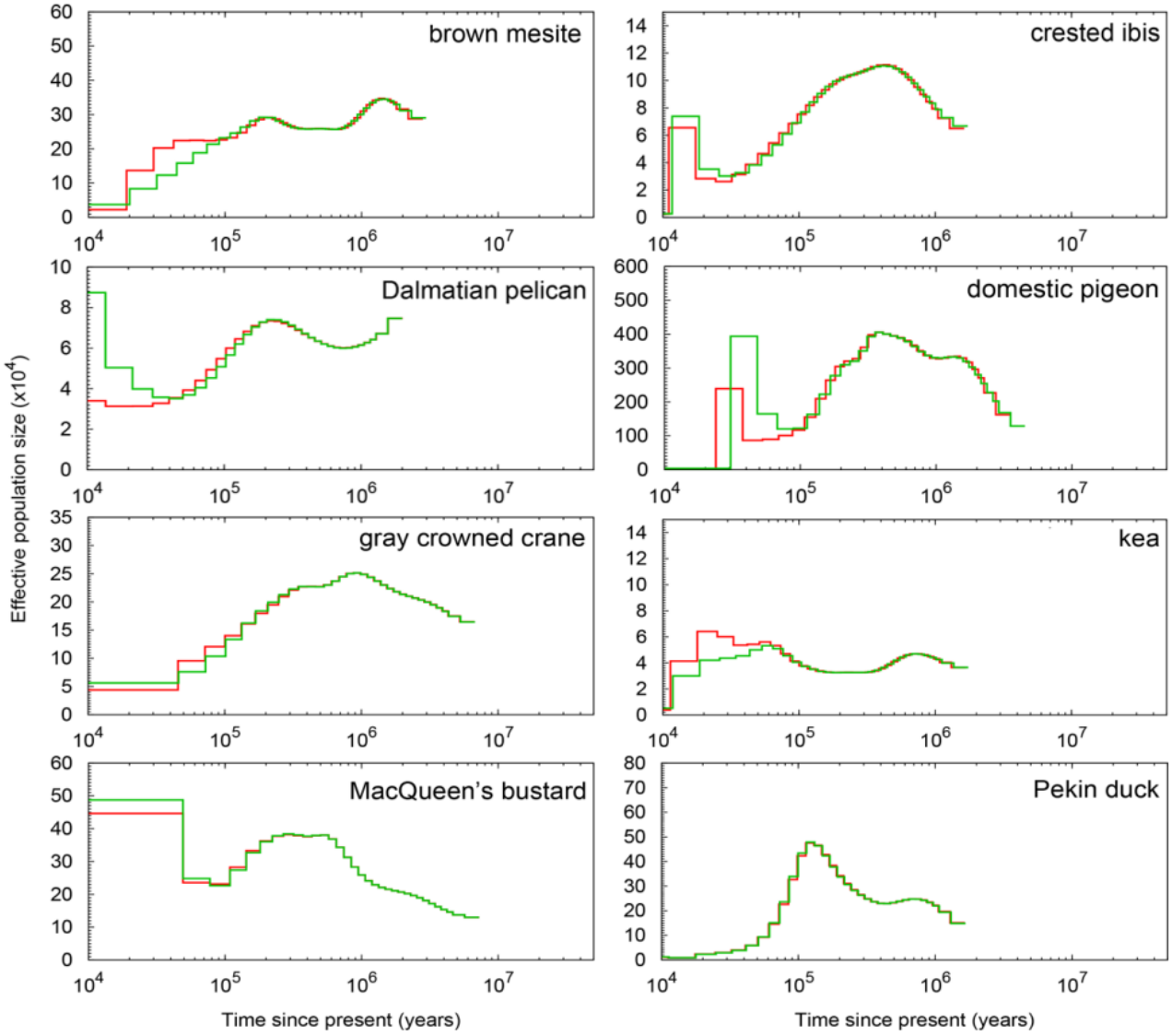

Figure S2. Comparison of original PSMC results (red line) and PSMC results obtained after removing long runs of homozygosity of 50kb (green line; related to Figure 3).

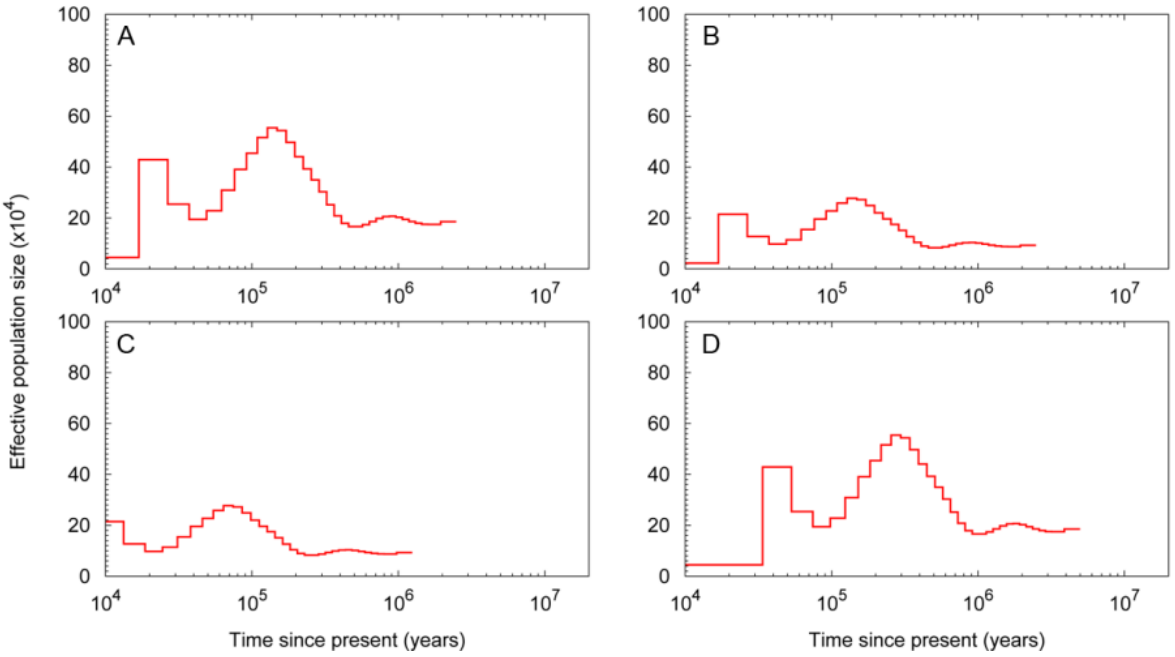

Figure S3. The influence of mutation rate (μ) and generation time (g) estimates on PSMC estimates (related to Figures 1-4). The PSMC plot for rifleman generated with $\mu = 1.8 \times 10^{-9}$ and g = 2 (A), $\mu = 3.6 \times 10^{-9}$ and g = 4 (B), $\mu = 3.6 \times 10^{-9}$ and g = 2 (C), and $\mu = 1.8 \times 10^{-9}$ and g = 4 (D).

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