## SUPPLEMENTARY INFORMATION FOR

## Genomic Data Unveil Genealogy of a Curious Sparrow

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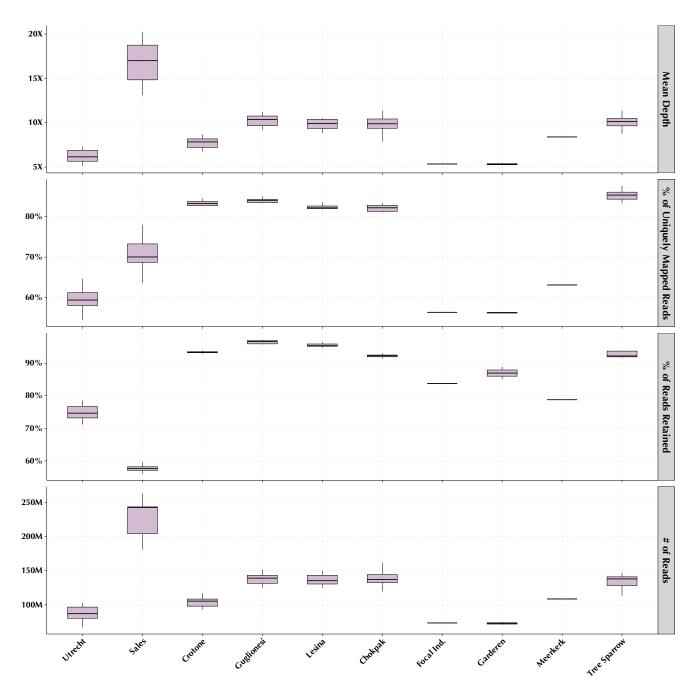
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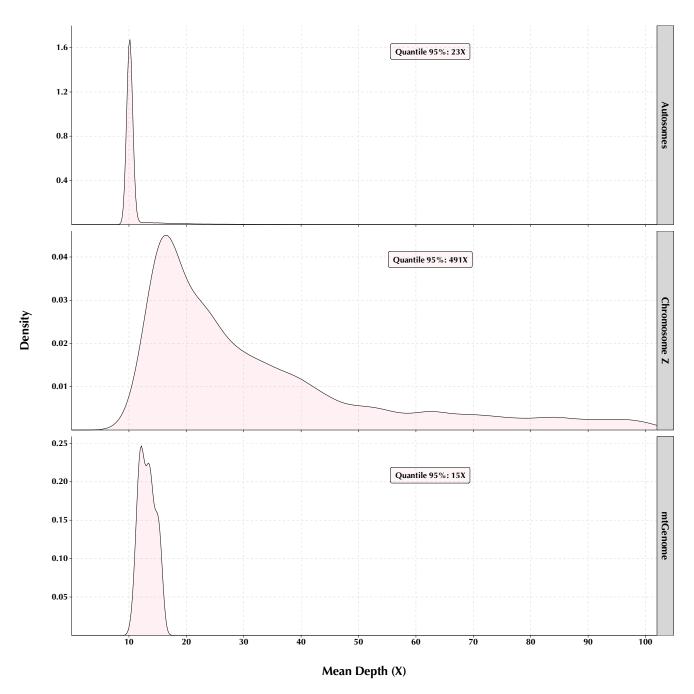
## List of Supplementary Figures

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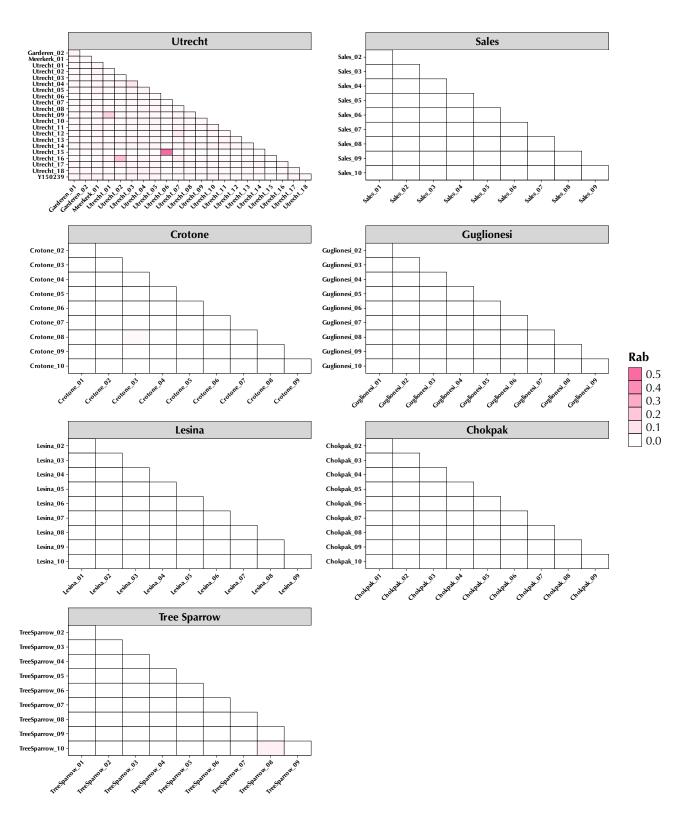
Data Set	Description
# of samples	# of SNPs
Autosomes I	Autosomic SNP
	panel not including
	the out-group (Tree
	Sparrow).
69	521,612
ChromosomeZ I	Z chromosome SNP
	panel not including
	the out-group (Tree
	Sparrow).
79	2,796
Autosomes II	Autosomic SNP
	panel not including
	the out-group (Tree
	Sparrow).
79	0
ChromosomeZ II	Z chromosome SNP
	panel not including
	the out-group (Tree
	Sparrow).
79	0



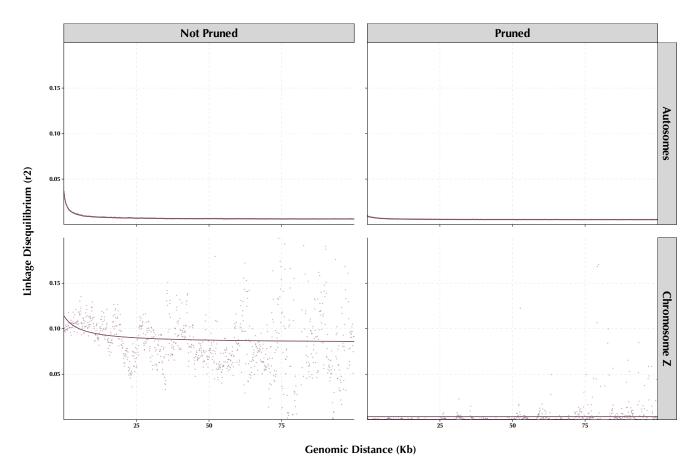
Supplementary Figure 1. Boxplots summarising the processing and mapping statistics of the sequencing data analysed grouped by population.



Supplementary Figure 2. Density plots summarising the per SNP mean depth across all samples categorised by chromosome type.



Supplementary Figure 3. Heat maps of the RAB statistics based on the autosome genomic data grouped by population.



**Supplementary Figure 4.** Linkage disequilibrium decays calculated individually based on chromosomal classification before and after linkage disequilibrium pruning.

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Supplementary Figure 5.