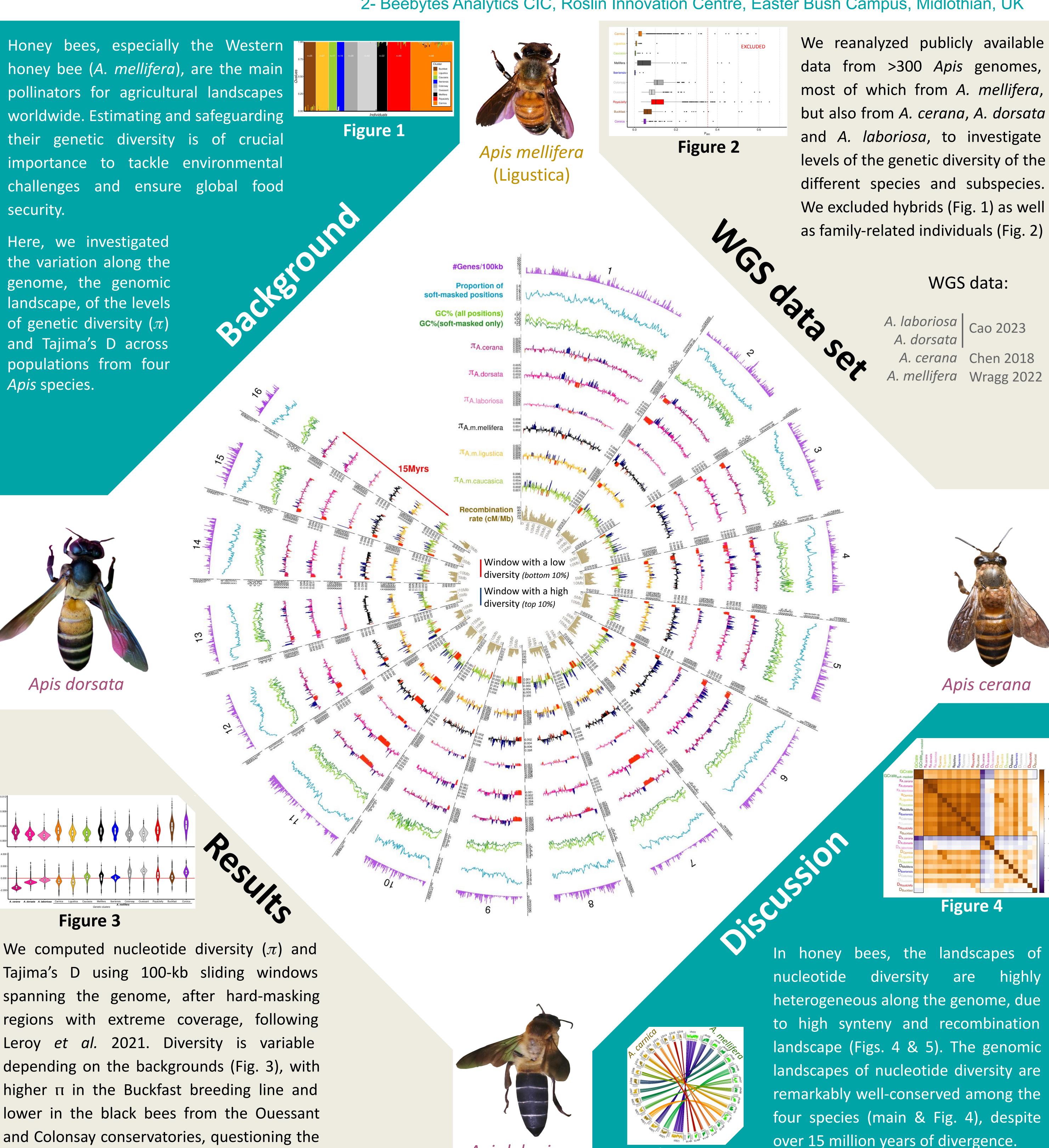


## Conserved highly heterogeneous genomic landscapes of diversity in honey bees

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References:

effectiveness of the conservation efforts.

Cao, L. et al. Population Structure, Demographic History, and Adaptation of Giant Honeybees in China Revealed by Population Genomic Data. Genome Biol Evol 15, (2023).

Apis laboriosa

Chen, C. et al. Population Genomics Provide Insights into the Evolution and Adaptation of the Eastern Honey Bee (Apis cerana). Molecular Biology and Evolution 35, 2260–2271 (2018).

Leroy, T. et al. A bird's white-eye view on avian sex chromosome evolution. Peer Community Journal 1, e63 (2021). Wragg, D. et al. Complex population structure and haplotype patterns in the Western European honey bee from sequencing a large panel of haploid drones. *Molecular Ecology Resources* 22, 3068–3086 (2022).

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Figure 5

