

From decline to recovery: what genomics reveals about African wild dog reintroductions

(Scientific Seminar of the DWAS, FTZ, CZU)

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When:

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14:00-15:30

Where:

FTZ, room 116

Where:



Conservation translocations are playing a key role in preventing the local extinction of the endangered African wild dog (*Lycaon pictus*), a species that has declined dramatically due to human pressures. In South Africa, reintroductions into private reserves have helped establish a managed metapopulation that now serves as a source for rewilding efforts across southern Africa. This large-scale Range Expansion Project offers a rare opportunity to understand how founder effects, population isolation, and translocations shape genetic diversity in a recovering carnivore. In this talk, I present a genome-wide analysis of reintroduced and free-ranging populations across South Africa and Zimbabwe, including Kruger National Park. I will also discuss new guidelines for conservation translocations designed to support the long-term genetic viability of this species.