
Underground pollinators: the hidden side of plant–pollinator networks

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Résumé

The decline of pollinators is a major concern given their crucial ecosystem services. Most studies have focused on aboveground factors, overlooking the soil compartment. However, many pollinators depend on the soil for their survival. Many Diptera, Coleoptera, Hymenoptera, and Lepidoptera nest and develop underground. In my PhD, I compare three vegetation types in Île-de-France (grasslands, forests, and crops) to address key questions: Which pollinators nest in the soil? What is their ecological niche? Which plants depend on them?

Mots-Clés: Pollinators, Soil, nesting pollinators, DNA Barcoding, Plant, pollinator interactions

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