

Quantifying floral resources for pollinators in agricultural landscapes using field data and UAV remote sensing to assess habitat quality

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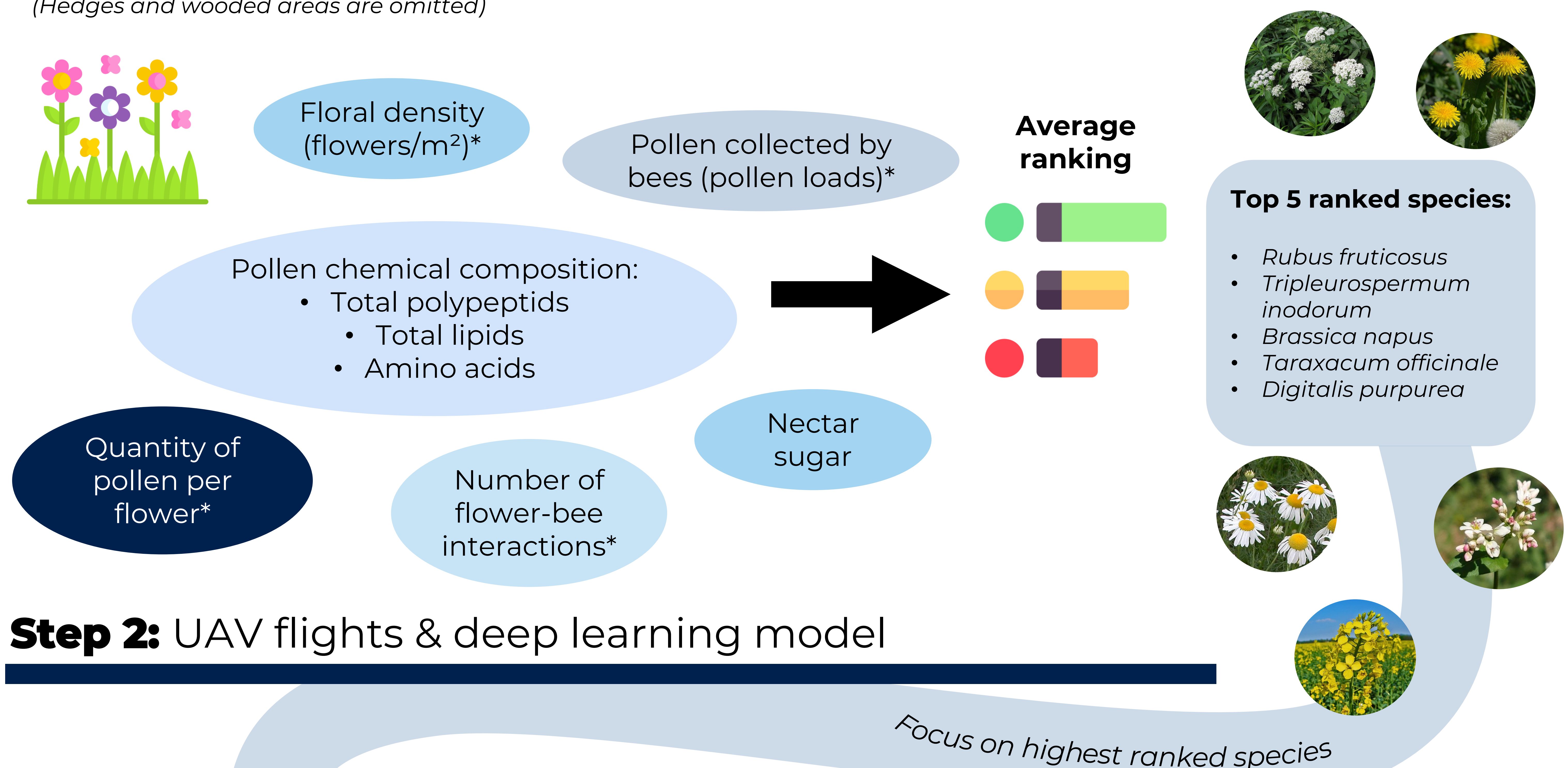
Scientific work as part of the NUTRIBEE project (Insect health assesement at the landscape scale)

Objectives:

- Develop an **effort- and time-efficient method** to quantify floral resources for bee visitors in **agricultural landscapes**
- Assess **habitat quality** for pollinators during a specific timeframe using flower diversity and abundance, floral phenology, quantity and nutritional quality of pollen resources

Step 1: Ranking pollinator resources

What are the most important entomophilous species in agricultural landscapes in Belgium?
(Hedges and wooded areas are omitted)



Step 2: UAV flights & deep learning model

