

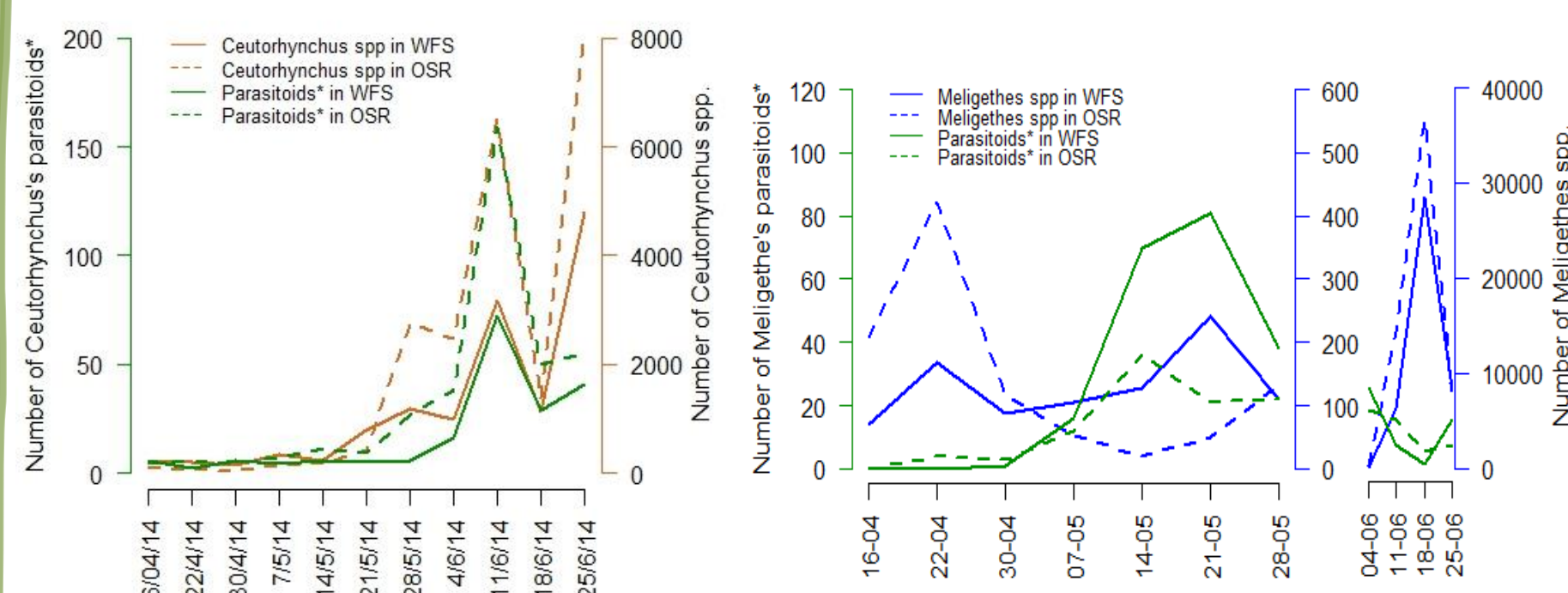


Agroecology: Unity into diversity

What does agroecology suggest ? Next to the theoretical agroecological principles, we present illustrative examples from farming practices, through the food system, up to the way of carrying agricultural research and education.



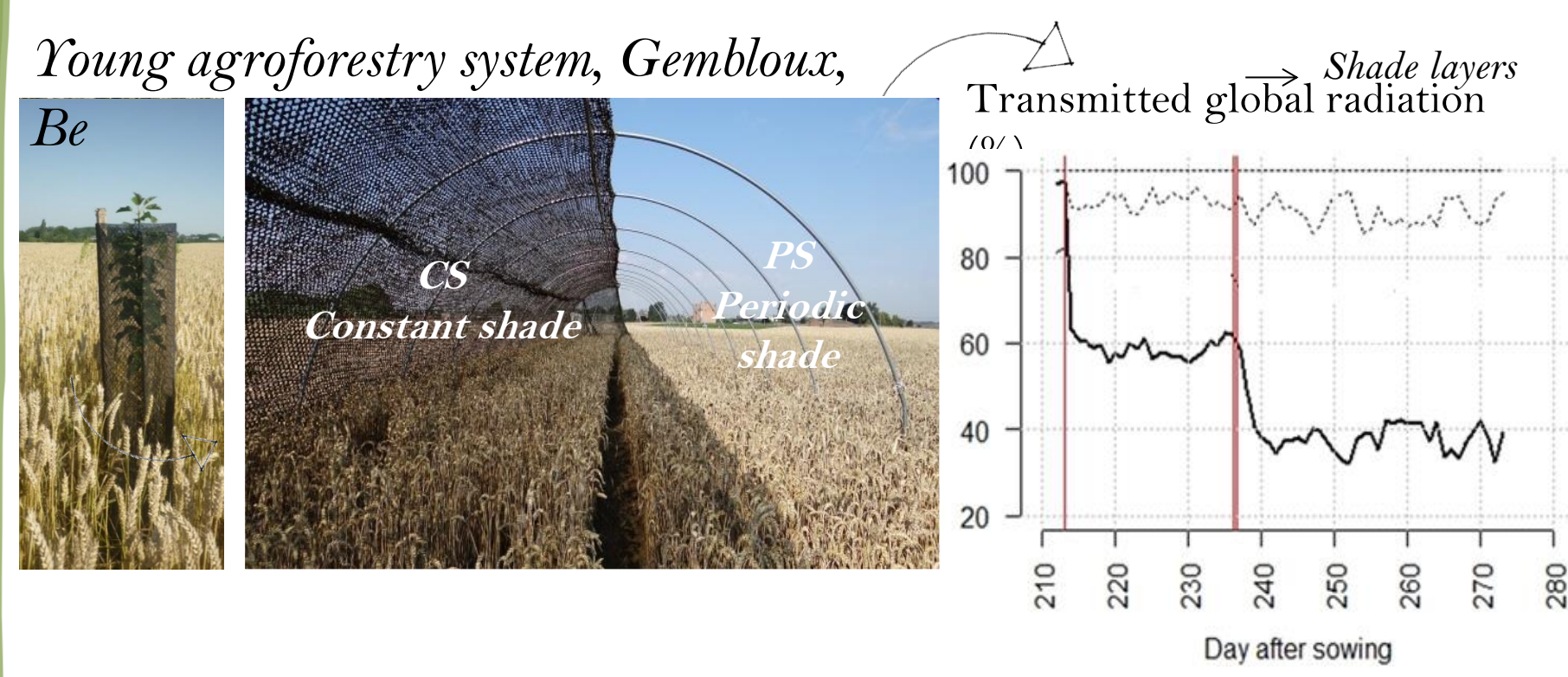
Case 1. Sowing wildflower strips to control pests



In both wildflower strips (WFS) and oilseed rape crops (OSR), the increase number of pests is followed by an increase of their parasitoid natural enemies. It is expected that the floral resource helps to support the parasitoid populations.

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Case 2. Agroforestry, multifunctional landscape



CS treatment negatively impact winter wheat final yield but improve protein rate. The CS applied in july was similar to a mature walnut agroforestry plantation (84 tree/ha, 40cm DBH), (Molto et al., 2014).

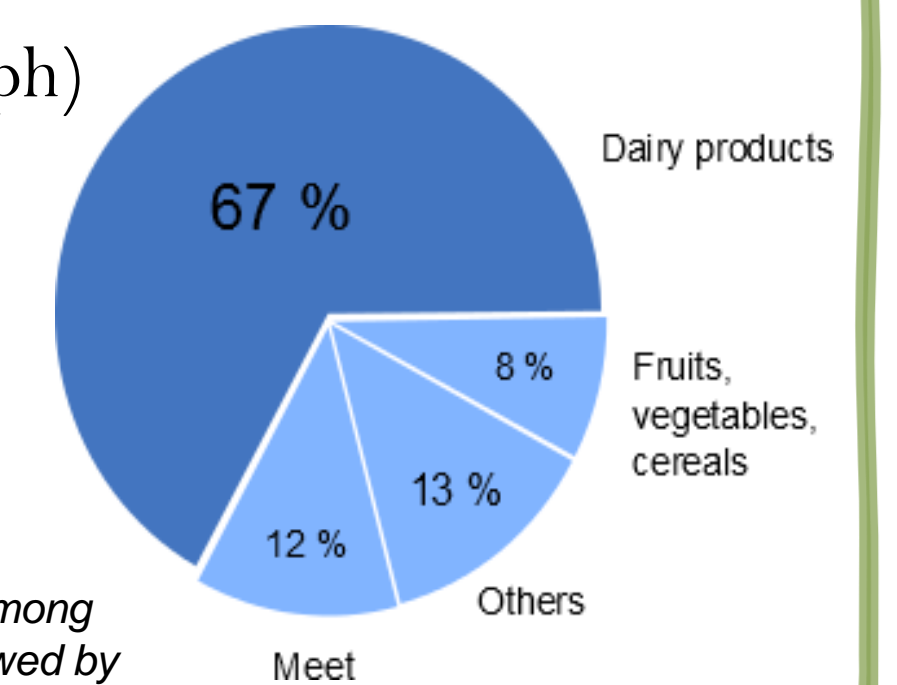
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Case 3. At the interface between the stakeholders of local food systems

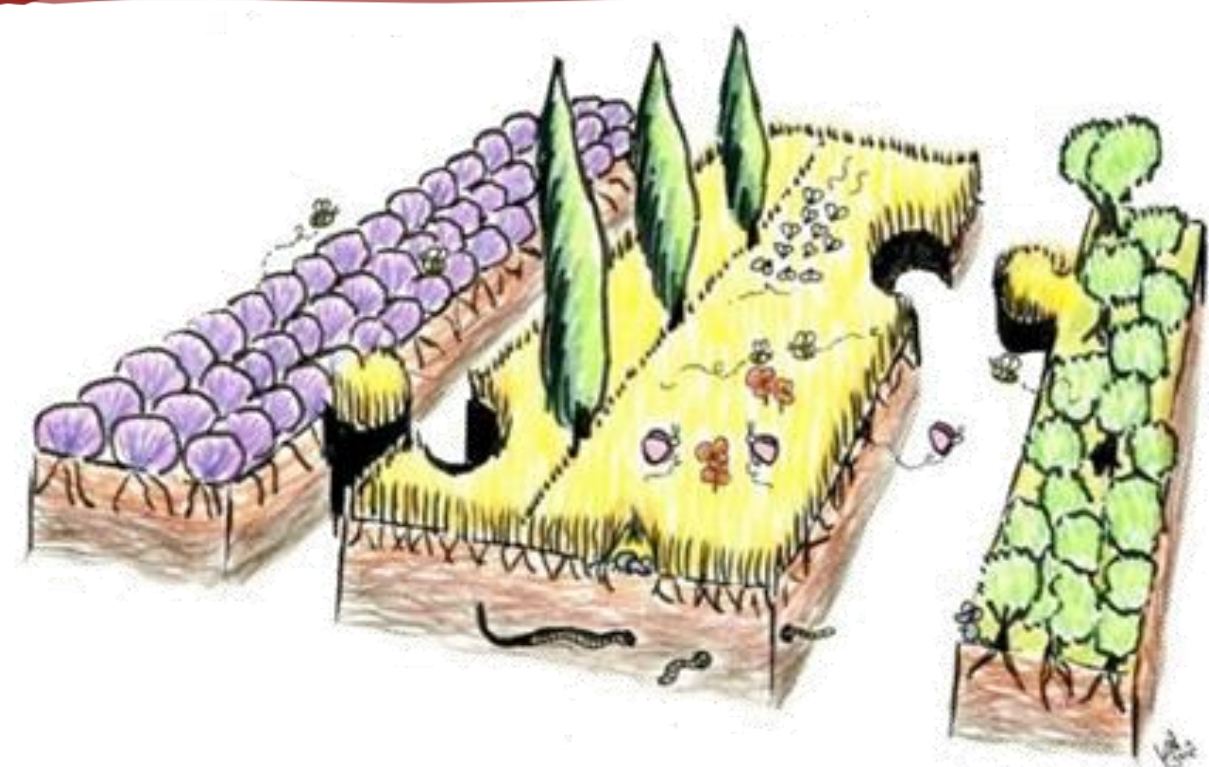


Since 2006 the DiversiFerm crew has guided about 800 craft food producers in

(mostly dairy farmers, see graph) quality food management to get forward in their selling in short food supply chains.



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Agroecological system



Food system

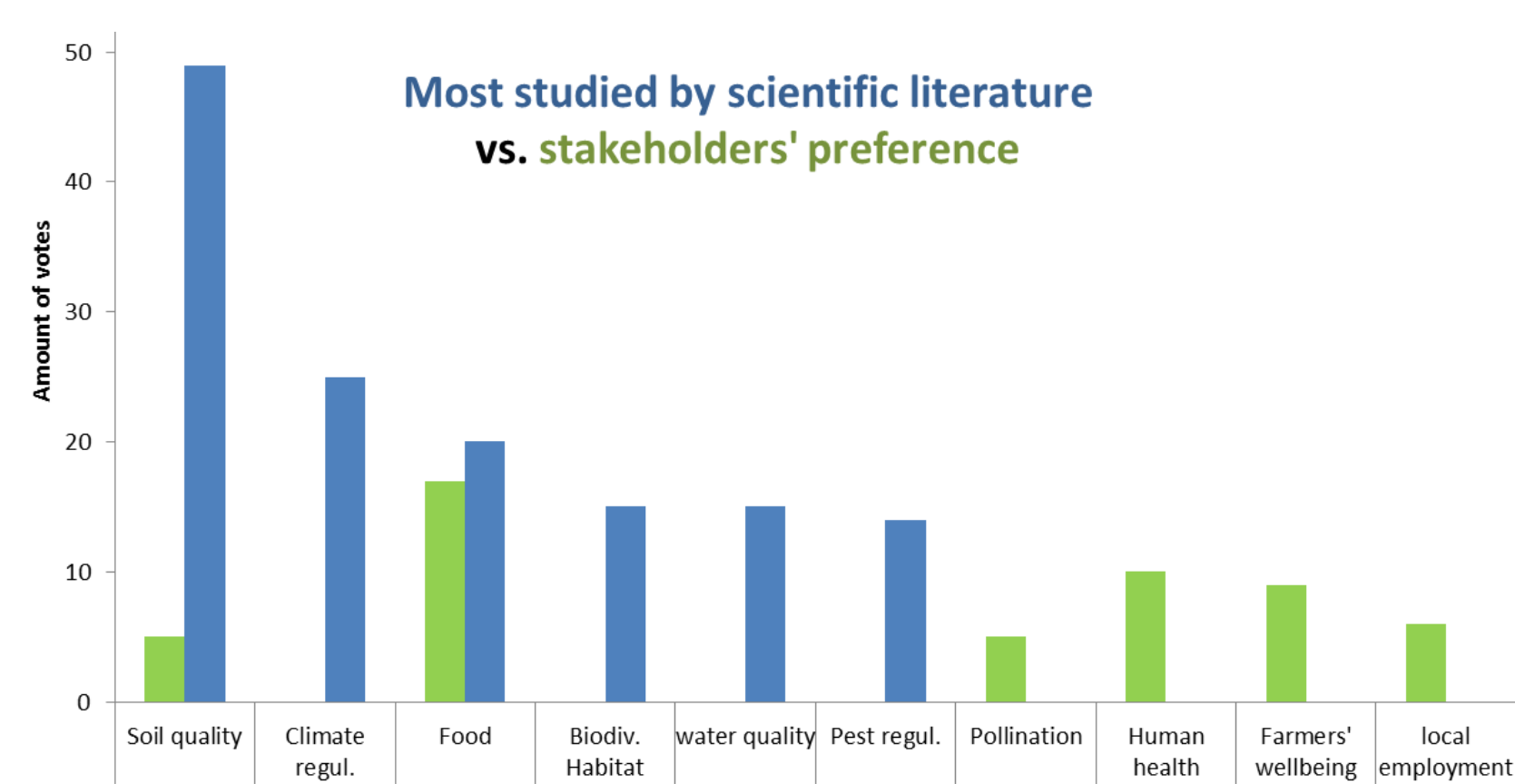


Research

Academic programs



Case 4. Stakeholders' perception VS. scientific literature



Participative ecosystem service (ES) selection showed that most important ES to stakeholders differed from most studied ES by scientific literature

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Case 5. Madison Graziers: learning from cases

Farmers are experts, academics are coordinators and teach reflexivity



From control-based management to adaptive context-specific management

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