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**European Small-Scale Erasmus+ Project
KA210-ADU-DEDAE 111**

**Meeting in Udine
3 -7 June 2024**

11.00

Conference at the University of Udine held by prof. Francesco Nazzi, teacher of Zoology, Apidology and Beekeeping

Participating partners: Slovenia, Slovakia, Italy

The conference focuses on some aspects related to the bee world:

- Honeybees as environmental artists
- Activities of research, dissemination and assistance carried out by the University experts

The Slovenian, Slovakian and Italian partners introduce their institutions and foster the analysis by asking questions about the issues related to beekeeping nowadays

6 giugno 2024

Ore 11.00

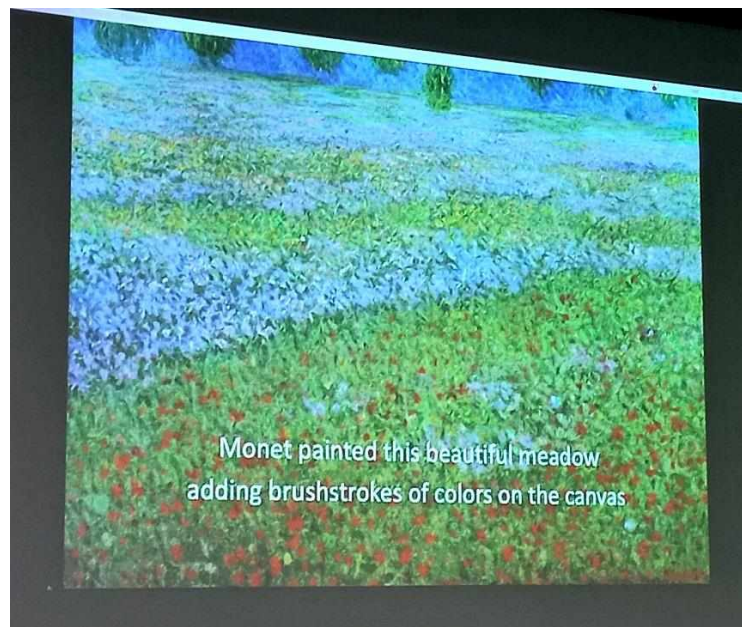
Conferenza con il prof. Francesco Nazzi, docente di Zoologia e di Apidologia e apicoltura all'Università di Udine.

Partecipano all'incontro i rappresentanti della Slovenia e della Slovacchia partner del Progetto europeo Erasmus Plus "Bee Green".

La conferenza verte su alcuni aspetti del mondo delle api

- Le Api mellifere come artiste ambientali
- Attività di ricerca e divulgazione effettuata nell'ambito dell'Università

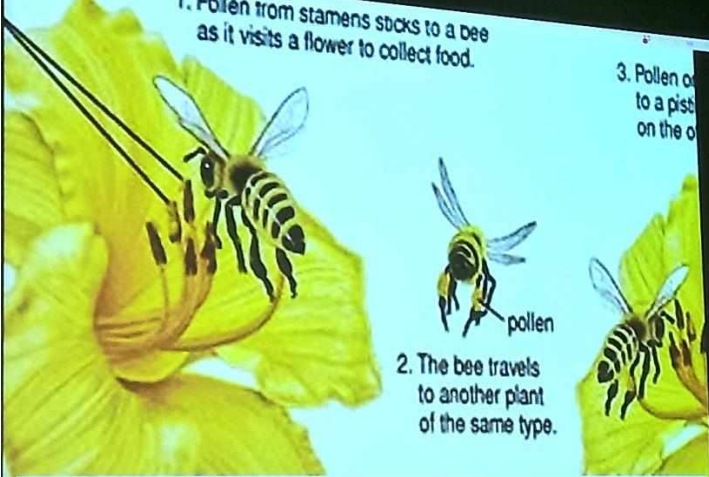
I rappresentanti di Slovenia e Slovacchia presentano le istituzioni di appartenenza e, in particolare, vengono discusse le problematiche più importanti che interessano la situazione attuale dell'apicoltura.



1. Pollen from stamens sticks to a bee as it visits a flower to collect food.

2. The bee travels to another plant of the same type.


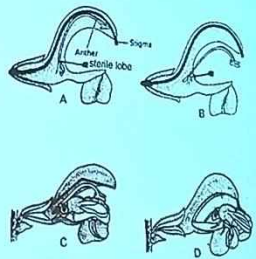
3. Pollen on the bee travels to a pistil on the other flower.




pollen

Insects facilitated plants' reproduction and promoted their diversification

A peculiar shape and interesting mechanisms

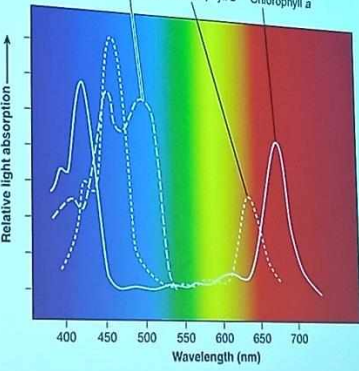



Coloured pigments



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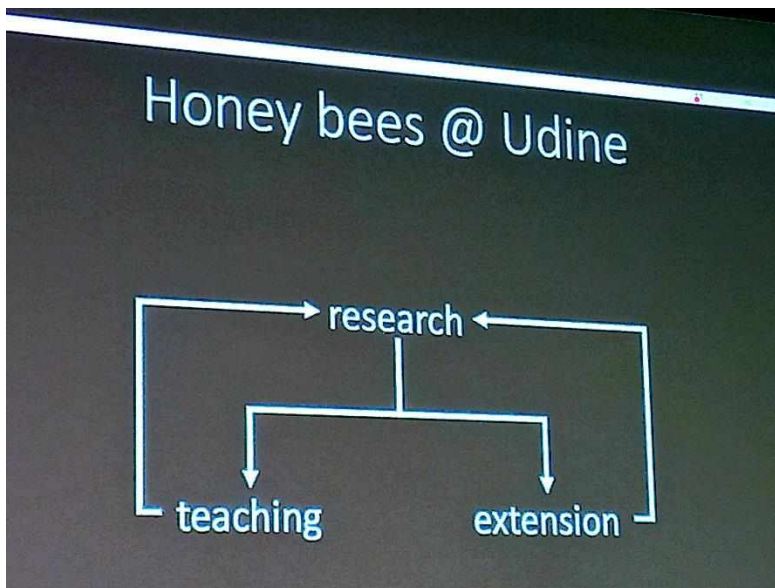
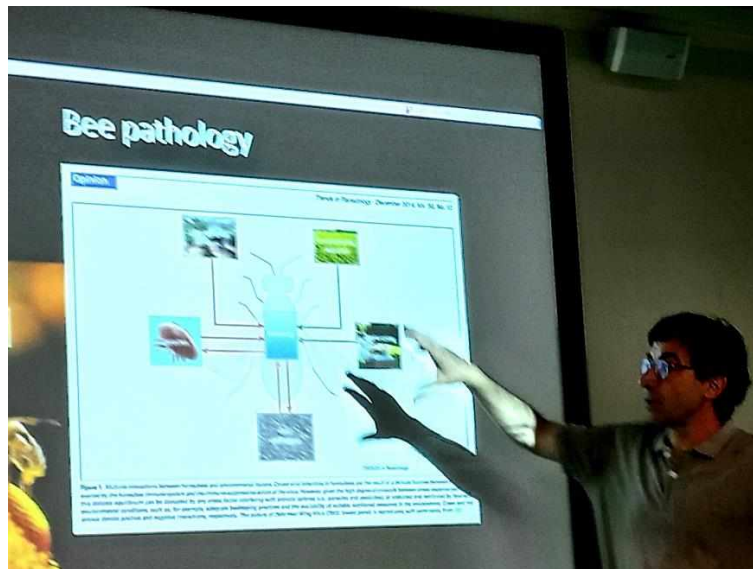
Carotenoids Chlorophyll b Chlorophyll a



Relative light absorption

Wavelength (nm)

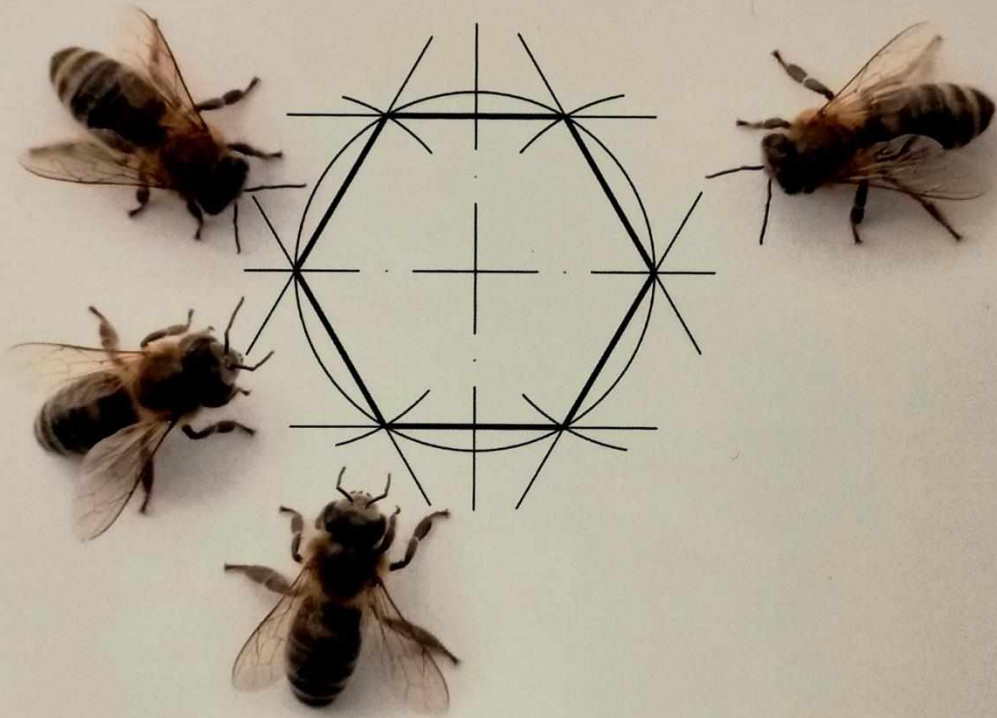
Wavelength (nm)	Carotenoids	Chlorophyll b	Chlorophyll a
400	0.1	0.1	0.1
450	0.8	0.6	0.2
500	0.2	0.4	0.1
550	0.1	0.1	0.1
600	0.1	0.1	0.1
650	0.1	0.1	0.6
700	0.1	0.1	0.1



Francesco Nazzi

In cerca delle api

Viaggio dall'alveare all'ecosistema



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HOEPLI

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