

Research institution status

27/04/2018-With the code 62448ITL **Apisfero A.P.S. has been recognized as research institution by the Italia National Register of Research** <http://www.anagrafenazionale.ricerche.it> of MIUR, Ministry of Education, University and Research.

We are proud of having reached such an important goal, an objective that we pursued since the establishment of our small but great association.



Fig. 1 – Delivery of BeeVS to National Association of Austrian beekeepers, Biene Österreich, da Sx: Andrea Varesio, Michael Rubinigg, Tomasz Rubinigg, Davide Bassignana

Annual membership meeting

June the 13th 2018 at 6:30 pm the annual Apisfero meeting will take place at the Filo d'Erba Community in via Roma 9 in Rivalta di Torino.

BeeVS delivered to Austria

01 giugno 2018 – Apisfero has provided a BeeVS varroa counter to the National Association of Austrian beekeepers **Biene Österreich** – www.biene-oesterreich.at.

The Austrian association will use the scanner for all the summer for its own research programs. The BeeVS was delivered to Michael Rubinigg, responsible for the management of scientific projects and for the Austrian national program of queen bee breeding.

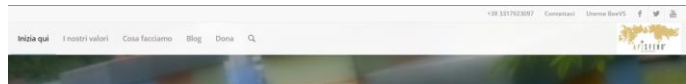
For the year 2018 they chose our automated Varroa counting system to measure the level of infestation of the colonies belonging to the selection program of the queens coming from about 60 breeders..

The Austrian culture and organization in the field of beekeeping have also enabled the creation of a system for monitoring the varroa throughout the territory, thanks to the community of sentinel beekeepers. The Varroa count data is collected and visualized through effective online heatmap diagrams, a traffic light system that indicates the varroa risk at the geographical level.

Here is where you can consult the map of the spread of the Varroa on Austrian territory: <https://bienengesundheit.at/>. Michael will give a speech on June 25, 2018, to the Commission of the European Parliament that deals with the protection of apis mellifera, during which he will also explain the importance of the automatic counting machine of Varroa and how this innovation, in addition to saving the honey bees, it also allows beekeepers to control this destructor mite of honey bees colony.

An opportunity to recap the events of a year characterized by several activities. Bring your typical food, at the end of the meeting we will share a convivial moment.

The best ideas are born around a laid table.



PROTOTIPI DI BEE VARROA SCANNER (BEEVS) DISTRIBUITI AD OGGI!



Fig. 2 - Map of BeeVS delivered

When to count helps

In mid-May it is useful to monitor the natural falling in order to detect possible outbreaks of infection.

A fall of more than 5 mites per day per hive indicates that:

“[...]the level of infestation is already dangerous, as 500-600 mites in this period of the year will lead to an unsustainable summer-autumn infestation for the colony.”

(Alberto Contessi e Giovanni Formato, *Malattie delle api e salute degli alveari*, Edizioni Agricole, 2018 Milano p. 125).

Monitoring through the automatic counting of bottom board hives in Apicoltura Ovriè apiary allowed to identify, in mid-May, 3 hives that had a drop of more than 10 varroas per day and intervening immediately on the colony by removing the brood and treating the bees with bioxal dripped honey bees.

The families did not give any warning signal, indeed, they seemed among the strongest.

The BeeVS has been able to analyze 30 bottom board in around 20 minutes and thanks to the scanner it was possible to understand what was happening and take the appropriate countermeasures to avoid the spread of infestation to other colonies. In any case, other counts will be necessary in the days to come to closely monitor the trend of the varroa infestation.

NOTICE: Software update campaign

In the next few weeks BeeVS users will be required to perform a programmed software update of the device.

This update will allow the use of the Varroa Automatic Scanner with the launch of the scans through the selection of the hive from a list, alongside the traditional method that allows to start a scan by pointing a mobile phone to a QR code.

Do you want to support us? Become a supporting member

You can support the research activities of Apisfero A.P.S. becoming a supporting member with a fee of € 100.

Alternatively with € 25 you can become an ordinary member.

You can support our research paying by wire transfer to Apisfero A.P.S.

IBAN: IT47N0359901899050188538029.

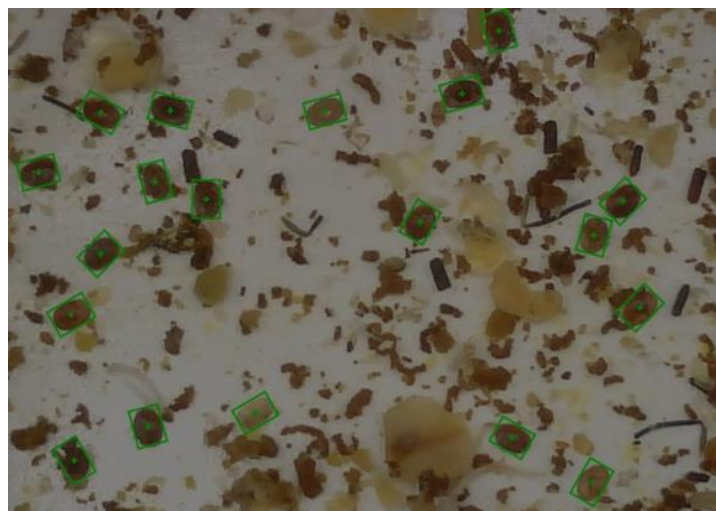


Fig. 3 - Background image with varroa framed by BeeVS

