

# PRESS RELEASE

from COLOSS



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## The small hive beetle is in Europe to stay

The small hive beetle (*Aethina tumida*) is an exotic pest originally from Sub Saharan Africa which can infest honey bee (*Apis mellifera*) colonies, destroying combs and brood often causing total colony loss. It invaded the southern USA in the 1990s causing significant economic loss, and has later been found in Australia, Canada and elsewhere. It is subject to statutory control in most European countries, and contingency plans have been in place for some years in anticipation of its arrival.

On 11th September 2014 the small hive beetle was discovered by beekeepers in Gioia Tauro, in south west Italy. The source of the outbreak is currently unknown. Attempts were made to eradicate the beetles, by killing colonies and treating soil with insecticide, setting up a 20 km protection zone and 100 km surveillance zone around the infested colonies.

Subsequent investigation has found that it is present in 48 apiaries of 13 bordering municipalities, all of them concentrated in an area of 10 km radius. Italian beekeepers have asked that the policy of compulsory destruction be halted, and other measures to avoid spread be implemented.

Dr Franco Mutinelli of the Istituto Zooprofilattico Sperimentale delle Venezie<sup>2</sup> says: *"Our inspections have shown us that the beetle is found in strong bee colonies as well as weak ones, in freshly made combs as well as old ones, and in nucleus colonies as well as full colonies. However, until now the infestation appears limited to this area of Calabria region"*.

The President of the international honey bee protection network COLOSS<sup>1</sup> Prof. Peter Neumann says: *"The COLOSS association is greatly concerned about this discovery, which probably represents the permanent arrival of this pest into Europe. There is therefore a risk that it will spread to other European countries, but we cannot yet predict what its effects on the beekeeping industry and other bees might be. COLOSS members will work together to bring scientific results into practice for the benefit of beekeepers to help them fight this serious pest"*.

[Ends]

## FOR FURTHER INFORMATION PLEASE CONTACT

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## NOTES FOR EDITORS:-

1. COLOSS is a honey bee research association formerly funded by the European Union COST Programme (Action FA0803) and currently by the Ricola Foundation – Nature & Culture, which aims to explain and prevent massive honey bee colony losses. COLOSS does not directly support science, but aims to coordinate international research activities across Europe and worldwide, promoting cooperative approaches and a research programme with a strong focus on the transfer of science into beekeeping practice. COLOSS has more than 300 members drawn from 63 countries worldwide. Its President is Prof. Peter Neumann of the University of Bern, Switzerland.

Website <http://www.coloss.org/>

2. The Istituto Zooprofilattico Sperimentale delle Venezie (IZSve) is a public veterinary Institute which conducts prevention, control and research activities in three main areas: animal health and welfare, food safety, and environmental protection. Current information about the small hive beetle is available at:

[http://www.izsvenezie.it/index.php?option=com\\_content&view=article&id=1731:aethina-tumida-epidemiological-situation&catid=119:-beekeeping&Itemid=893](http://www.izsvenezie.it/index.php?option=com_content&view=article&id=1731:aethina-tumida-epidemiological-situation&catid=119:-beekeeping&Itemid=893)

3. Information about the small hive beetle is available from the International Bee Research Association at:

<http://www.ibra.org.uk/articles/The-small-hive-beetle>



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