

# Aethina tumida in Italy: Update on epidemiological situation and response measures

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Franco Mutinelli

NRL for beekeeping

STANDING COMMITTEE ON PLANTS, ANIMALS, FOOD AND FEED  
Animal Health and Welfare

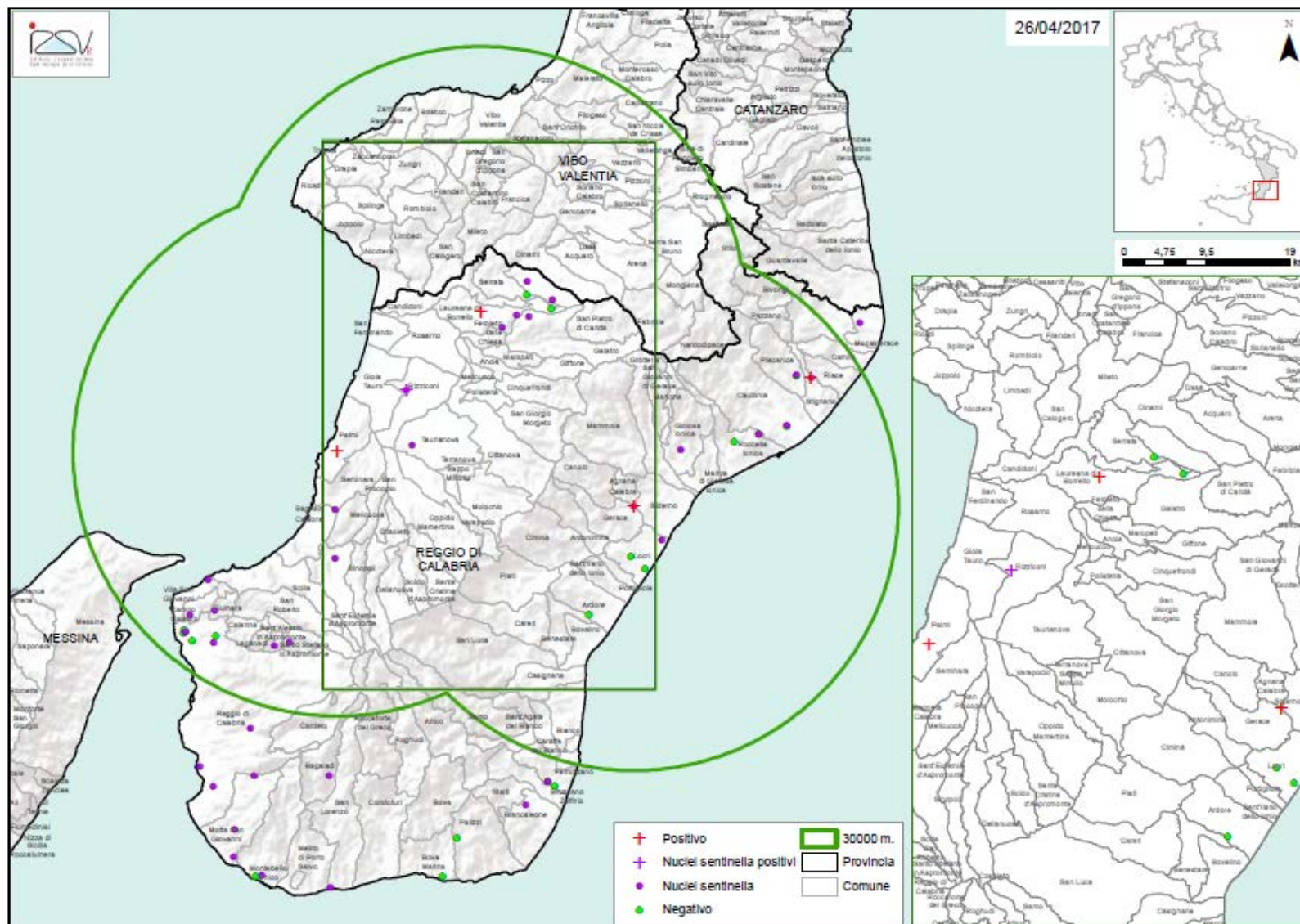
Brussels, 16 May 2017

# Epidemiological situation - March 2017

Infested colonies detected in the protection zone of 20 km around Gioia Tauro (RC):

- ✓ On 17 March 2017, municipality of Palmi (RC): 1 apiary
- ✓ On 22 March 2017, municipality of Rizziconi (RC): a sentinel honey bee nucleus colony
- ✓ On 28 March 2017, municipality of Laureana di Borrello (RC): 1 natural colony
- ✓ On 30 March 2017, municipality of Siderno (RC): 1 apiary

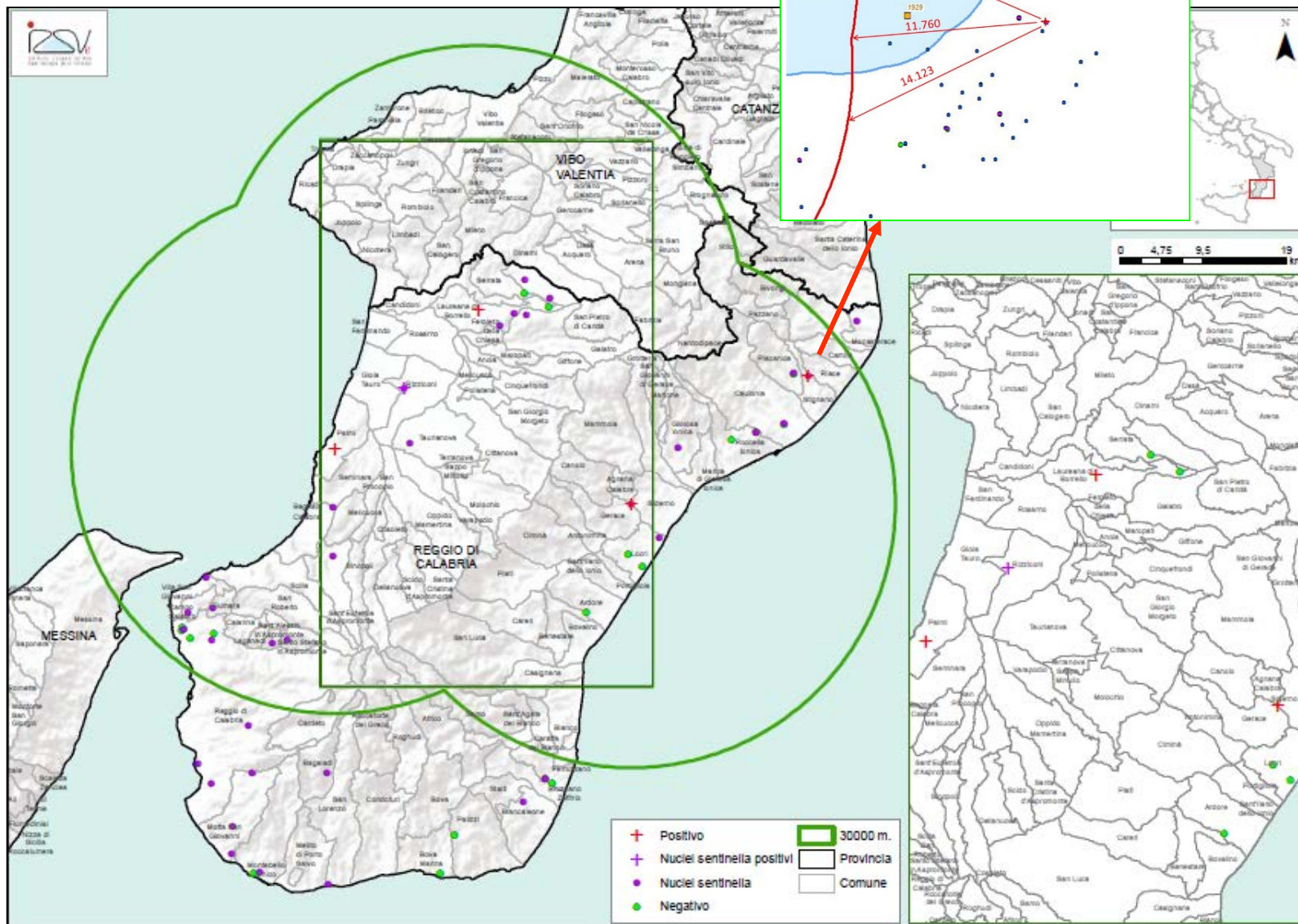
# Epidemiological situation: March 2017



# Epidemiological situation - April 2017

- ✓ A new SHB infested apiary has been confirmed in the municipality of Stignano (RC)
- ✓ Approx. 10 km from the outer border of the protection zone of 20 km established in Gioia Tauro in September 2014
- ✓ An apiary located 500 m apart is negative

# Stignano: April 2017

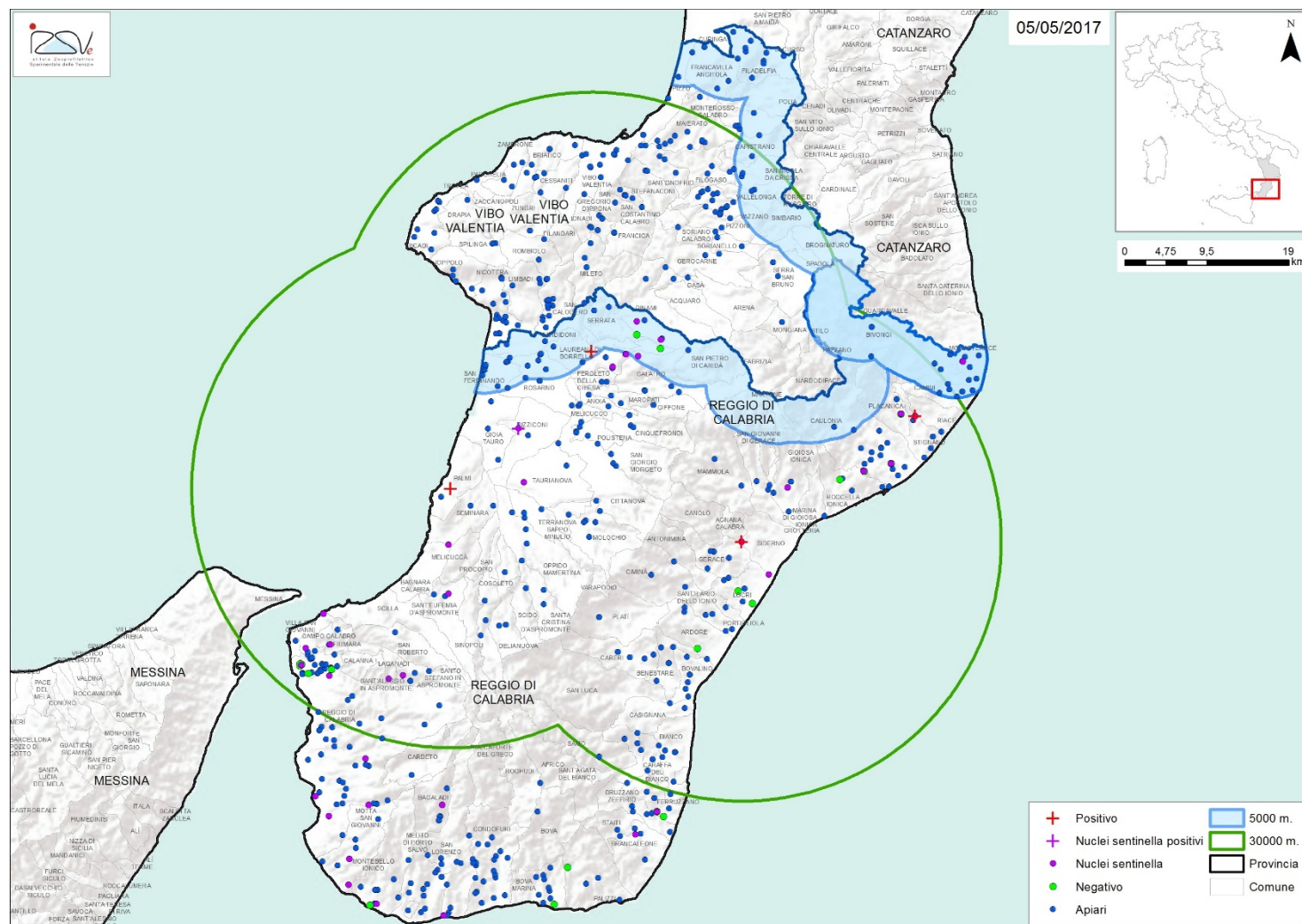




# Measures adopted - May 2017

- 1) The original protection zone of Gioia Tauro extended for 10 km (total radius = 30 km)
- 2) The whole province of Reggio Calabria is protection zone (movement allowed only after notification to veterinary services)
- 3) Zone of attention of 5 km at the north border of the province of Reggio Calabria (no movement allowed)
- 4) The all province of Vibo Valentia is included in the new protection zone (movement allowed only after notification to veterinary services)
- 5) Zone of attention of 5 km at the north border of the province of Vibo Valentia (no movement allowed)
- 6) Further investigations planned in the province of Vibo Valentia
- 7) The area of the province of Messina (Sicily region) that is within the new protection zone (30 km) is not subject to the measures adopted since there is no territorial continuity between Calabria and Sicily

# Epidemiological situation 2016

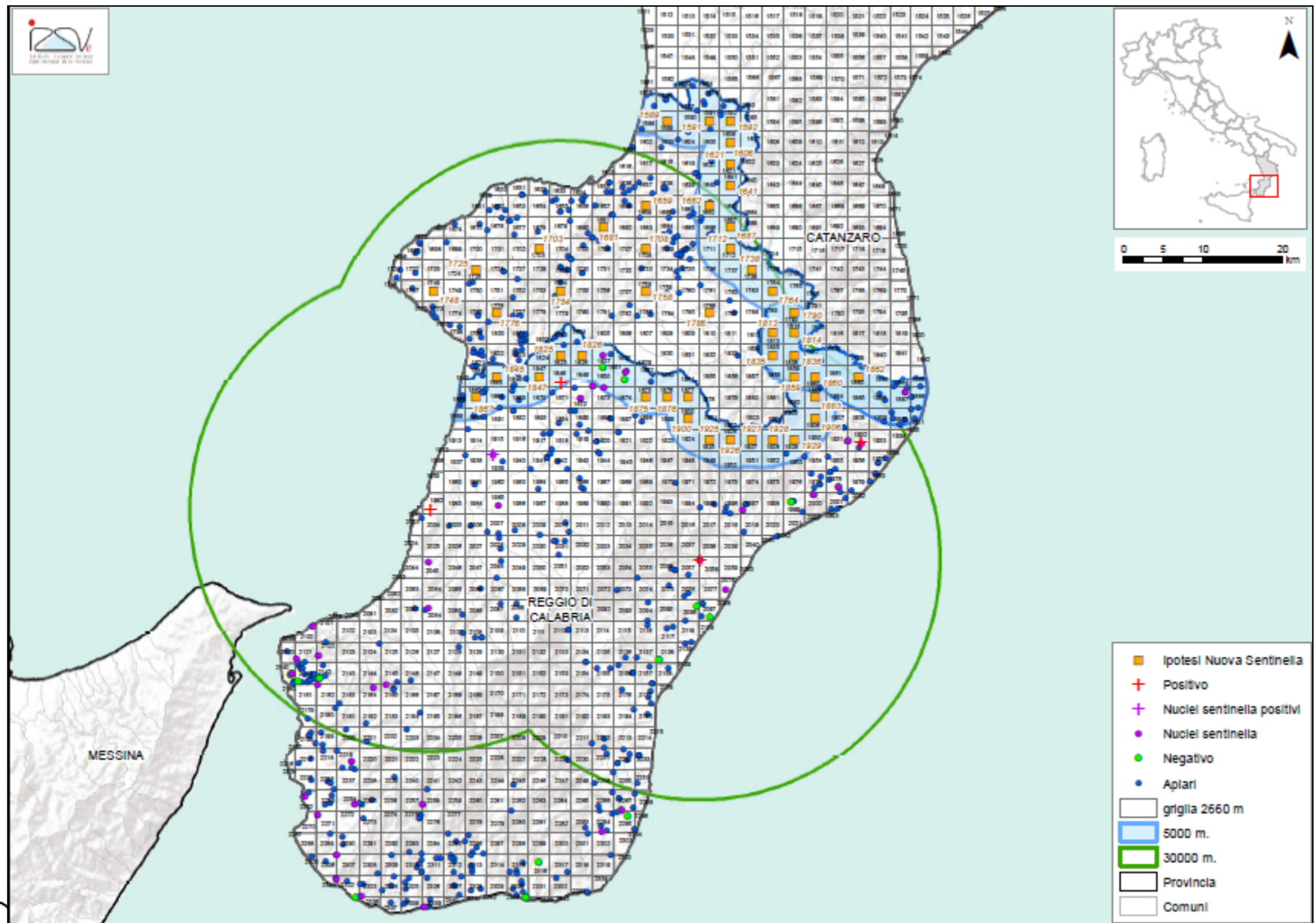


# Questions posed by the new findings

- 1) It is the earliest detection ever, normally we only discovered infested apiaries in September or July (Cosenza, 2016)
- 2) sentinel colonies were positive in April 2016
- 3) the apiaries in Siderno and Stignano are on the Ionian Sea side of Calabria region, this means that SHB crossed the mountains
- 4) what are the ramifications? (another Sicily or Cosenza or another Gioia Tauro)
- 5) the apiary in Stignano belongs to a beekeeper who owns 2 other apiaries in the protection zone (can be positively linked to a person); new clinical inspection during this week
- 6) epidemiological inquiries in progress
- 7) new sentinel honey bee nucleus colonies to be positioned



# Sentinel honey bee nucleus colonies



Thank you for your attention