

# A REPORT OF BULGARIAN NRL



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# NRL ACTIVITIES DURING COVID -19

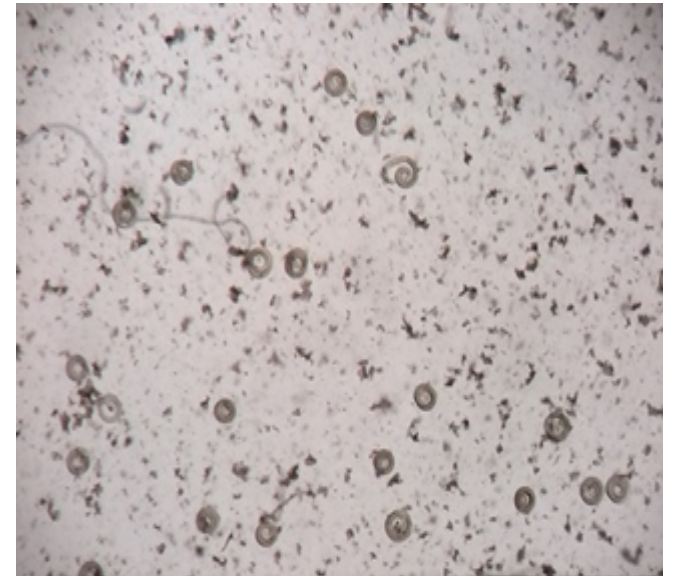
## **PT-01: Td 11/2020: Artificial digestion to detect *Trichinella* larvae in meat samples according to the Regulation EU 2020/1478**

- Participants: 14 laboratories (10 public and 4 private)
- Only the magnetic stirrer (reference method) was applied
- 1 positive with 5 larvae and 2 negative samples
- Results: no false negatives, no false positives
- All participants passed the PT



## PT-02: Td 11/2021

- Participants: 22 laboratories (10 public and 12 private)
- 1 positive with 5 larvae and 2 negative samples
- Results: no false negatives, no false positives
- All participants passed the PT



The next PT – November 2022.

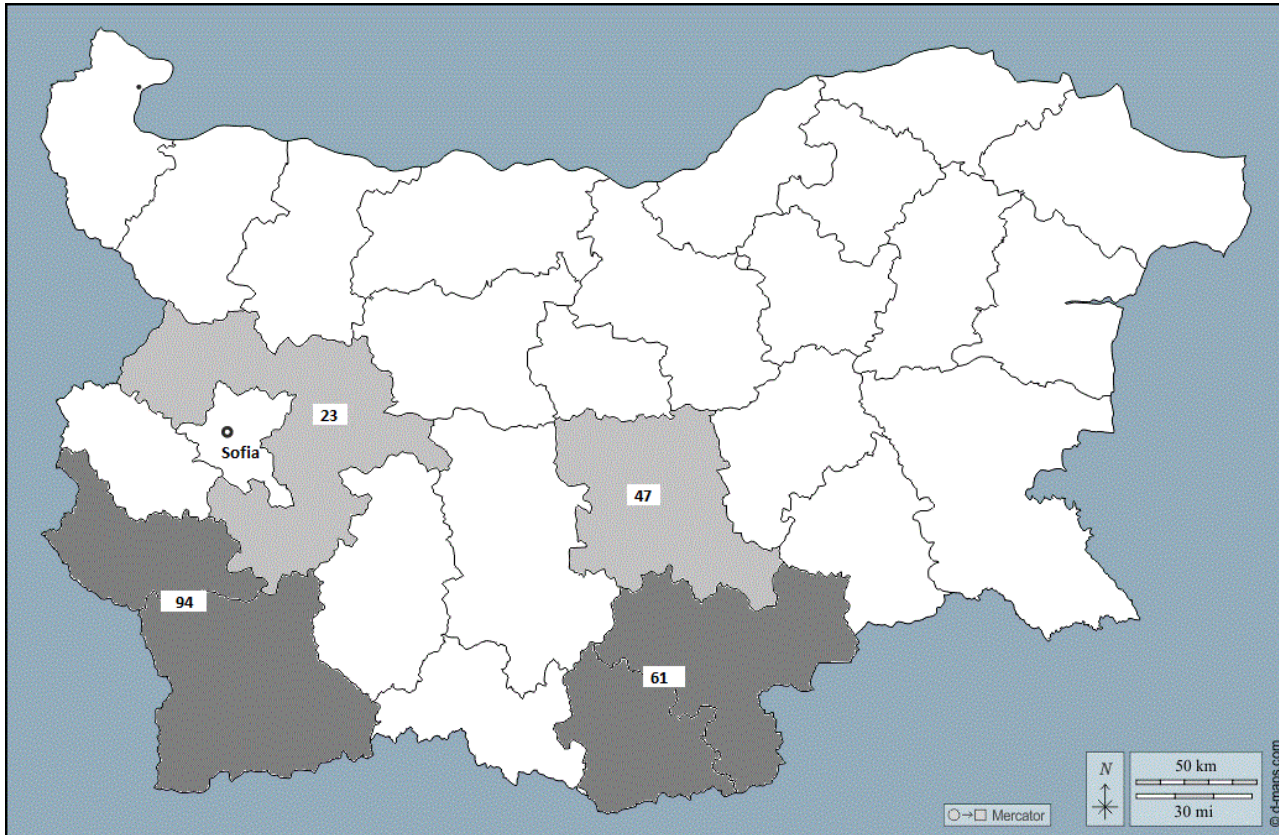
## ***Trichinella* positive samples**

- In 2020 – 122 positive wild boar
- In 2021 – 141 positive wild boar and  
4 domestic pigs

During this period 72 isolates (69 from wild boar and 3 from domestic pigs) were identified at species level by Multiplex PCR in EURLP.

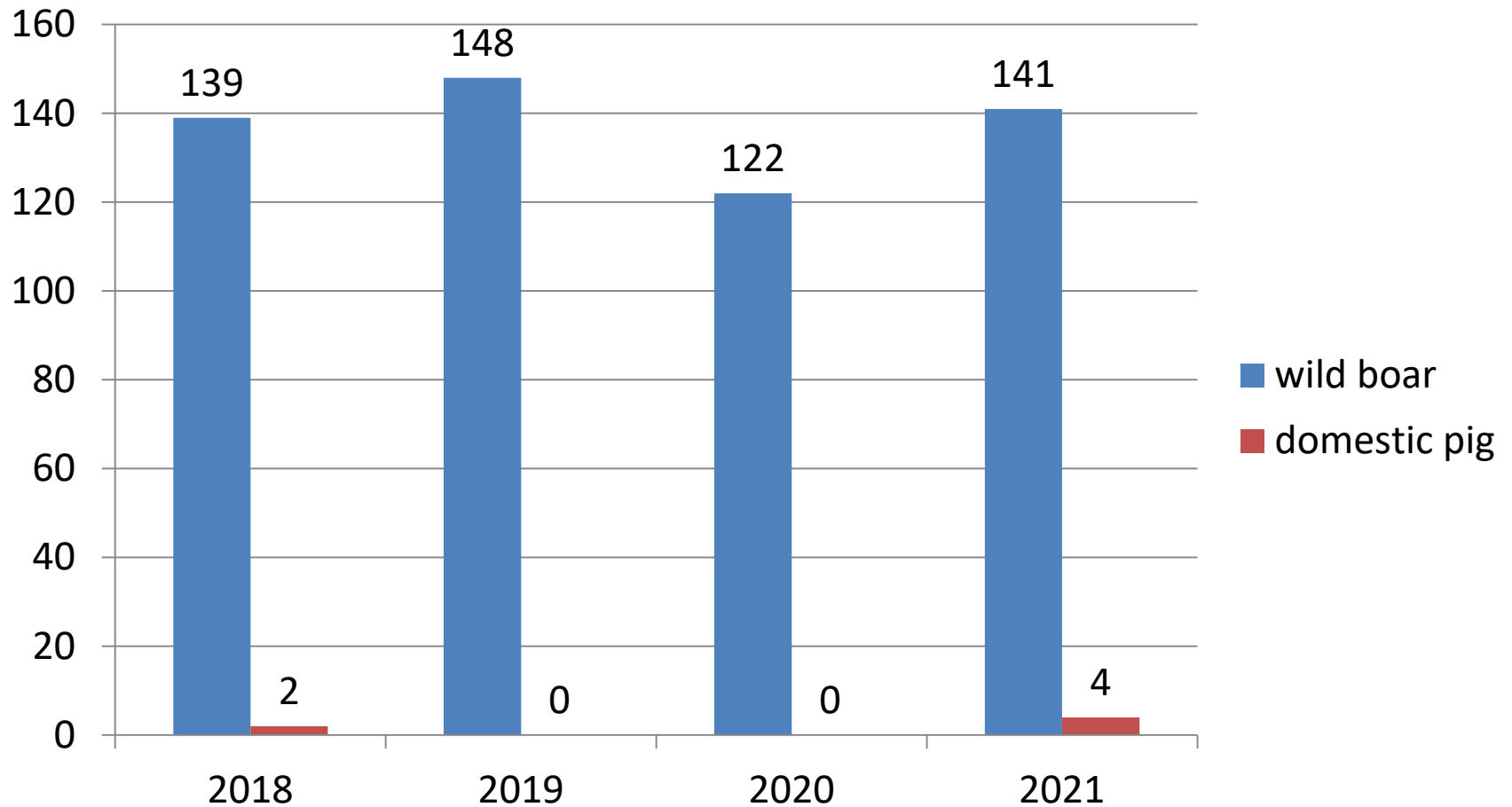
Only *T. britovi* was determined.

# Location of *Trichinella* positive wild boar 2020-2021



The most of the positive samples originate from two regions (in the southwest and south part of Bulgaria) which are considered to be enzootic for trichinellosis.

# Positive samples for *Trichinella spp.* infection 2018-2021



THANK YOU FOR YOUR ATTENTION!

