

The background of the slide is a microscopic image showing several Trichinella spiralis larvae. The larvae are characterized by their coiled, spiral bodies and are stained in shades of orange and brown. They are distributed across the slide, with some appearing more clearly than others.

CHANGES IN THE CONTROL OF *TRICHINELLA* IN SERBIA

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NRL for trichinella in wild and domestic animals

EPIZOOTIOLOGY OF TRICHINELLA IN WILD AND DOMESTIC ANIMALS

In Serbia present of *Trichinella* spp was confirmed in population of:

wild boars (*Sus scrofa*)

red foxes (*Vulpes vulpes*)

golden jackals (*Canis aureus*)

wolves (*Canis lupus*)

stray dogs (*Canis familiaris*)

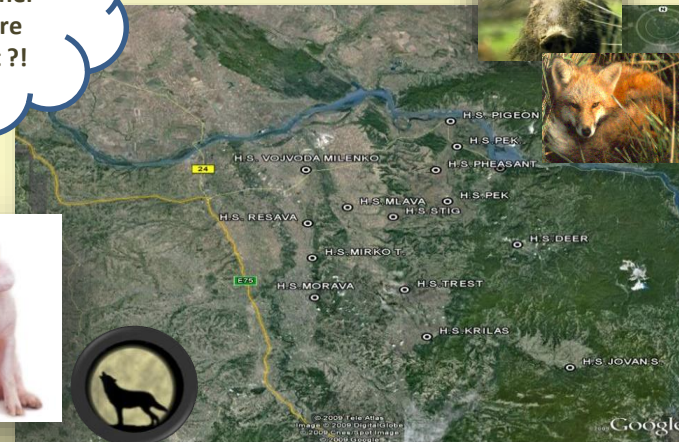
domestic pigs (*Sus scrofa domestica*)



Trichinella species

- *Trichinella spiralis*
- *Trichinella britovi*
- Mixed infections with both *T. spiralis* and *T. britovi*

What other
hosts are
present ?!



LEGISLATION

- REGULATION about official control of animals before and after their slaughter for the presence of trichinella in meat No 48/2022





- During August 2022. Veterinary Specialistic institute Pozarevac received official authorization from Ministry of Agriculture, Forestry and Water Economy, Veterinary Directorate Republic of Serbia for

Nacional Reference Laboratory for determination of Trichinella in meat of domestic and wild animals

FURTHER PLANS AND TASKS

- Continuance of epizootiological investigation
- Laboratory diagnostic test (artificial digestion, serum ELISA)
- Identification of larvae species using PCR
- Collection of all found strains
- Conduct of interlaboratory tests
- Advice, preparation of expert opinions
- Annual reporting and publication of work results
- Duties as a member of the International Commission on Trichinellosis (ICT)



Thank you for your attention