

Bluetongue

Epidemiological situation in the Slovak Republic

State Veterinary and Food Administration
of the Slovak Republic

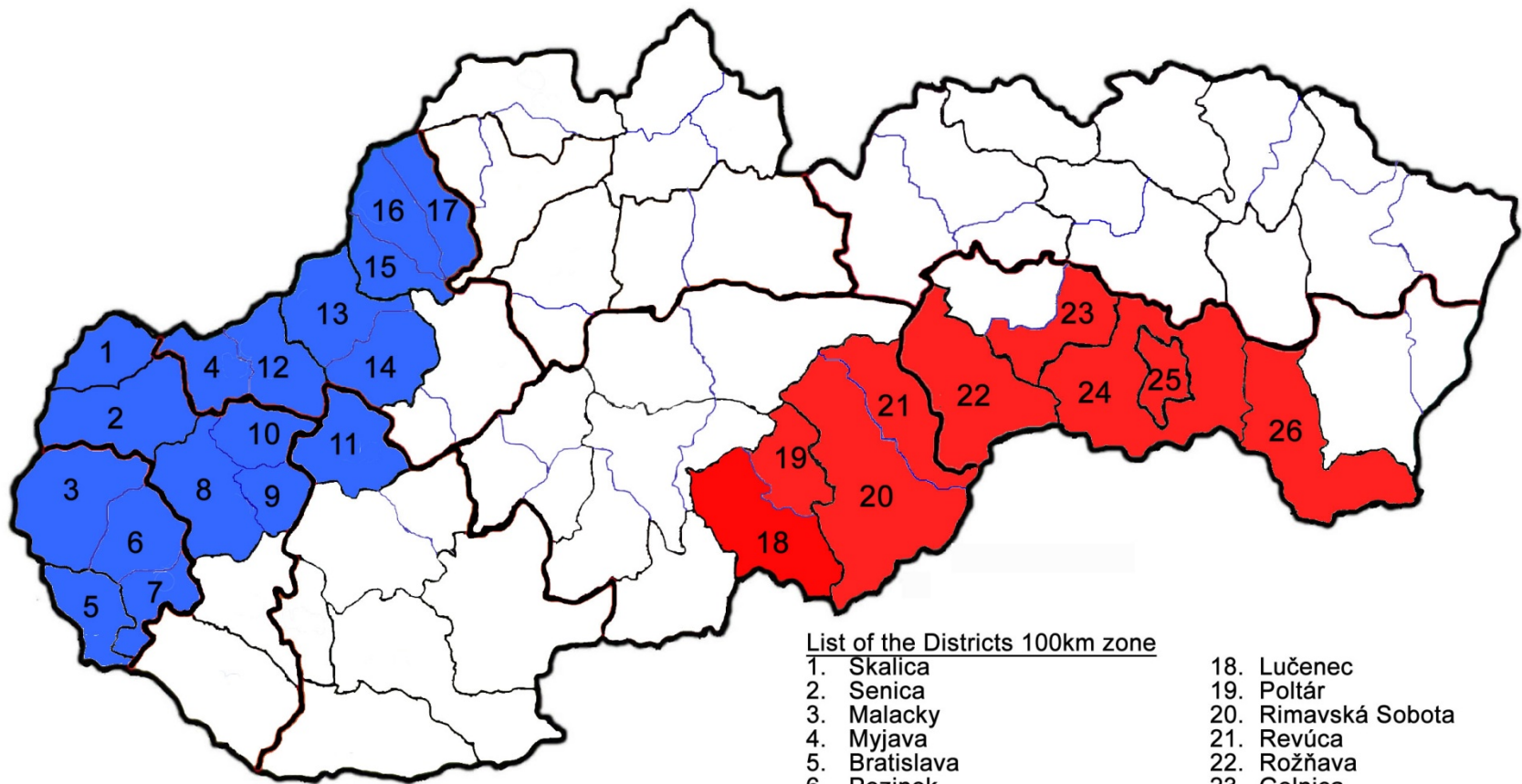
SCoFCAH, 12.1.2010



Actual situation

- Slovak Republic is still a country free of bluetongue and without performing of vaccination

- 2 restriction zones are on the territory of the Slovak republic as a result of BT outbreaks in neighboring member states
 - Hungary
 - 5.9.2008 – BTV8 outbreak in Gelej
 - Czech Republic
 - 13.11.2008 – BTV8 outbreak in Ivančice
 - 25.9.2009 – BTV8 outbreak in Násedlovice



Legend

- Districts in 100 km zone (Czech Rep. new outbreak 2009)
- Districts in 100 km zone (Hungary old outbreak 2008)

List of the Districts 100km zone

- | | |
|--------------------------|---------------------|
| 1. Skalica | 18. Lučenec |
| 2. Senica | 19. Poltár |
| 3. Malacky | 20. Rimavská Sobota |
| 4. Myjava | 21. Revúca |
| 5. Bratislava | 22. Rožňava |
| 6. Pezinok | 23. Gelnica |
| 7. Senec | 24. Košice - okolie |
| 8. Trnava | 25. Košice - mesto |
| 9. Hlohovec | 26. Trebišov |
| 10. Piešťany | |
| 11. Topoľčany | |
| 12. Nové Mesto nad Váhom | |
| 13. Trenčín | |
| 14. Bánovce nad Bebravou | |
| 15. Ilava | |
| 16. Púchov | |
| 17. Považská Bystrica | |

Measures applied in the Slovak Republic

- serological monitoring in sentinel animals (since 1.4.2008)
 - 20 areas 45x45 km², 5 sentinel holdings in each area (100 holdings totally), 10 sentinel animals in each holding (1000 animals totally)
 - each month all sentinel animals are serologically tested
- serological monitoring in imported animals from member states (since 19.12.2007)
 - 10 % animals for breeding and production from each consignment

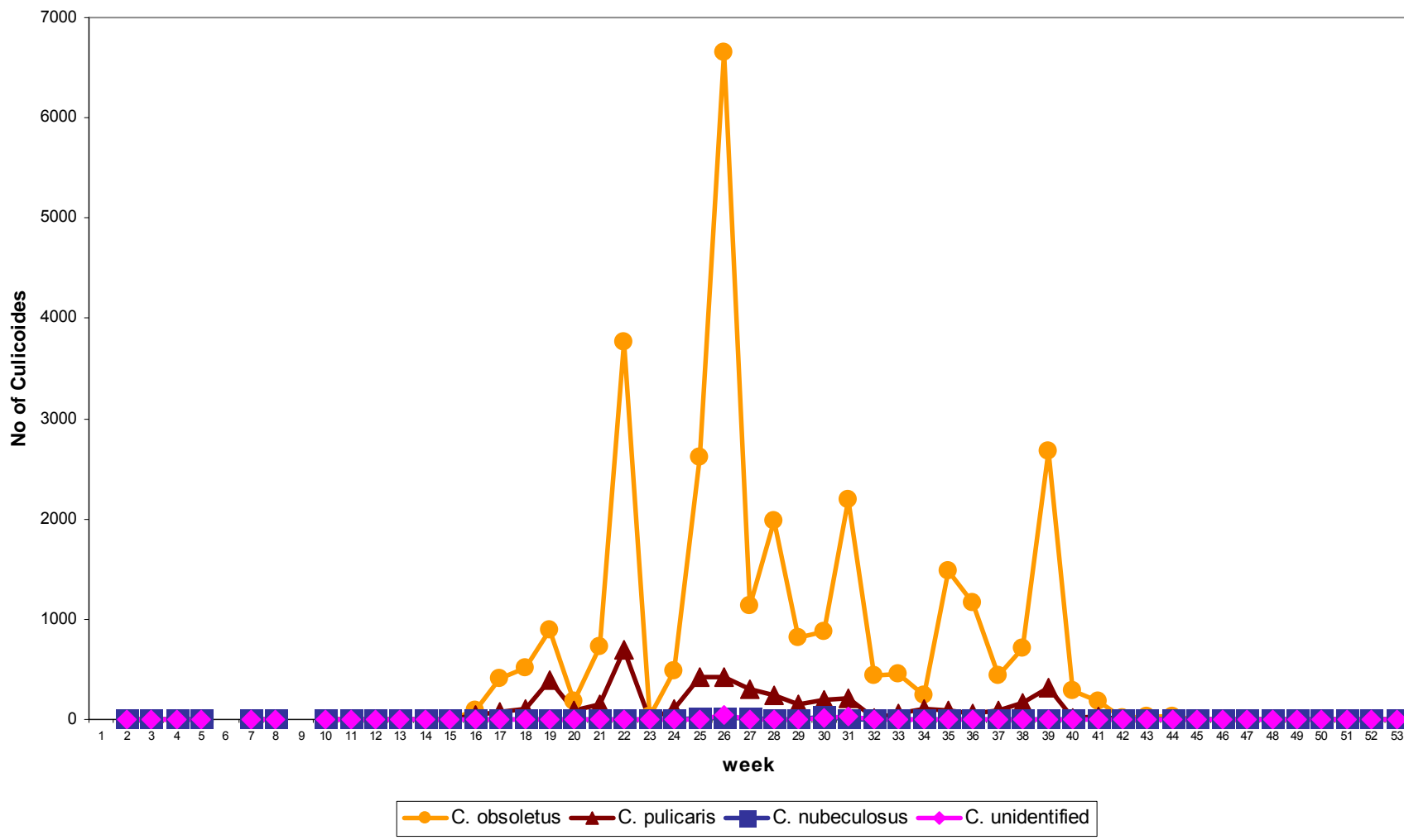
- virological and serological testing of animals moved from restriction zones according to regulation 1266/2007
- serological testing of cows after abortions (since 1.1.2009)
- entomological monitoring (since 1.4.2008)
 - 1 trap for vector per region
 - seasonal presence and typization of vector
- determination of BT seasonally vector-free period
 - period has started 17.12.2009

Statistical information for 2009

Animals tested	Serological test (ELISA)	Virological test (PCR)
Sentinel animals	11 936	0
Imports from MS	447	89
Before movement from restricted zones	14 041	2 763
Abortions	4 700	0
Total	31 124	2 852

* all performed test were negative

Population dynamics of Culicoides in Slovakia during 2009



Conclusions

- all test of sentinel animals, animals moved from restriction zones and animals after abortion performed in 2008 and 2009 were negative
- clear absence of bluetongue virus circulation in the territory of the Slovak Republic
- taking into account information presented by Hungary during SCoFCAH meetings in September 2009 and January 2010, results of monitoring performed in the Slovak Republic and information from the last Working group on bluetongue in December 2009, we will lift restriction zone connected to outbreak of bluetongue in Hungary due to absence of bluetongue virus circulation

Thank you very much for your attention.