

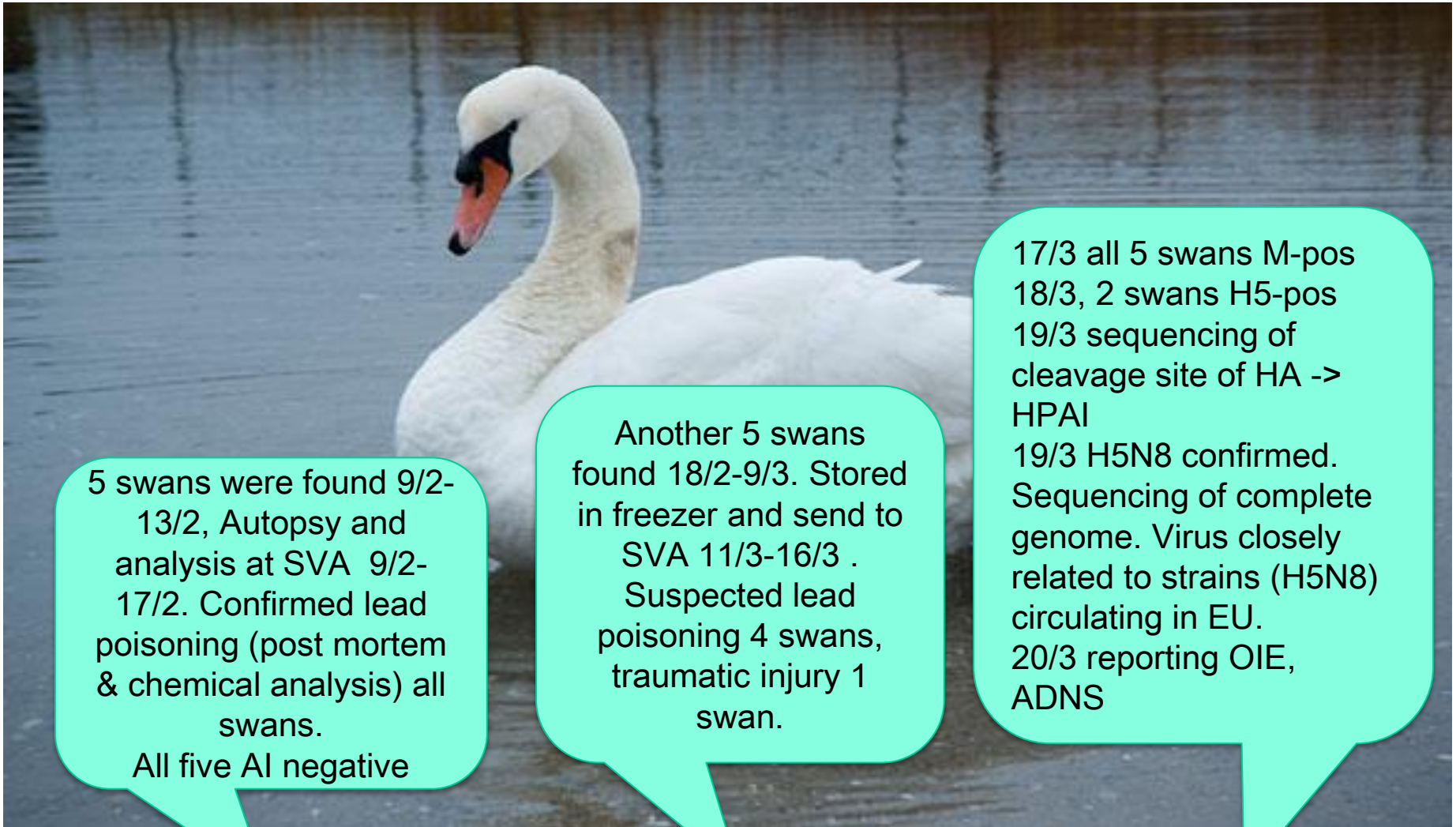
HPAI H2N8 finding in wild birds

Mute Swan (*Cygnus olor*)

Sweden



**Swedish Board of Agriculture
National Veterinary Institute,
Sweden**



5 swans were found 9/2-13/2, Autopsy and analysis at SVA 9/2-17/2. Confirmed lead poisoning (post mortem & chemical analysis) all swans.
All five AI negative

Another 5 swans found 18/2-9/3. Stored in freezer and send to SVA 11/3-16/3 .
Suspected lead poisoning 4 swans, traumatic injury 1 swan.

17/3 all 5 swans M-pos
18/3, 2 swans H5-pos
19/3 sequencing of cleavage site of HA -> HPAI
19/3 H5N8 confirmed. Sequencing of complete genome. Virus closely related to strains (H5N8) circulating in EU.
20/3 reporting OIE, ADNS

10 feb

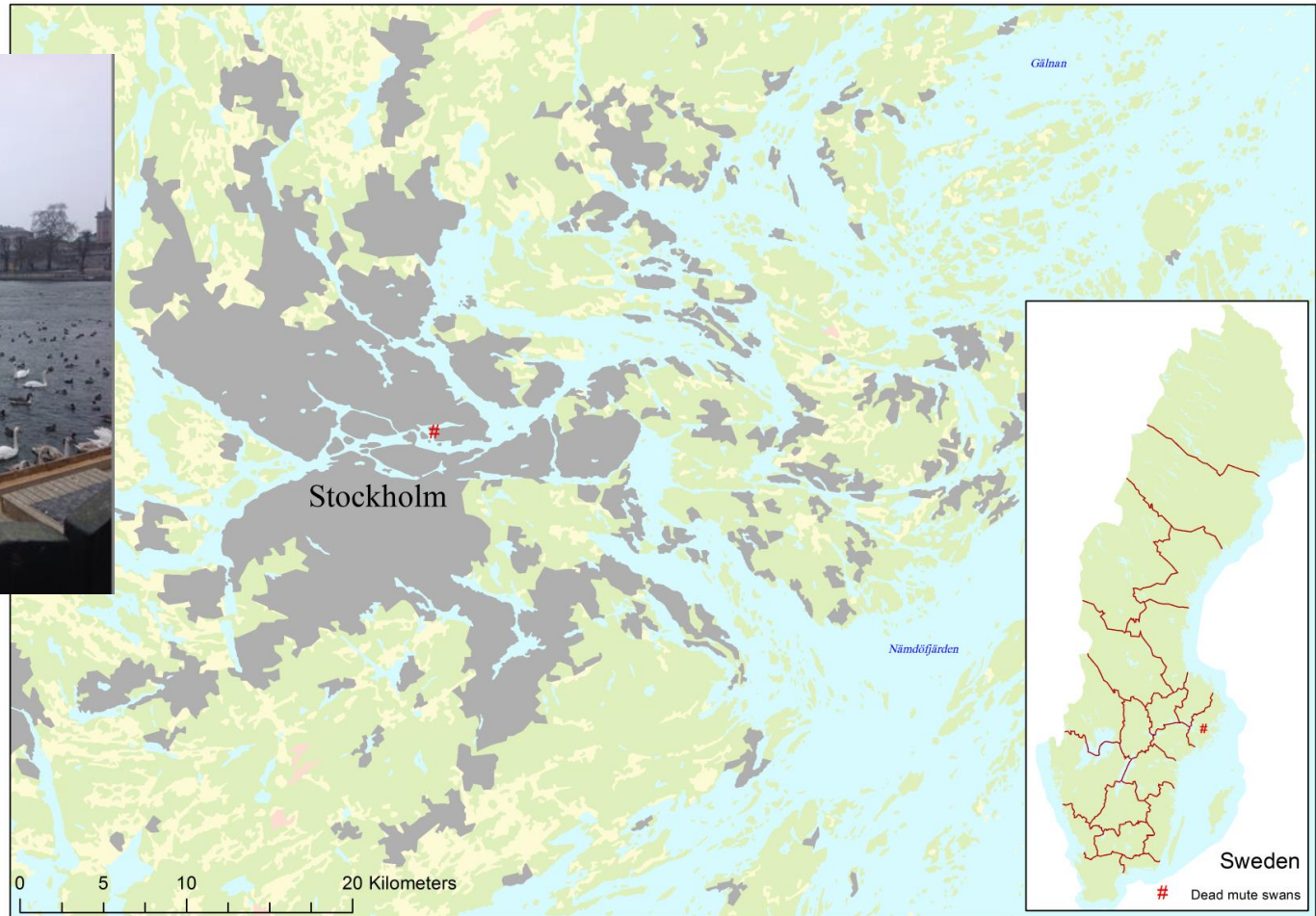
20 feb

1 mars

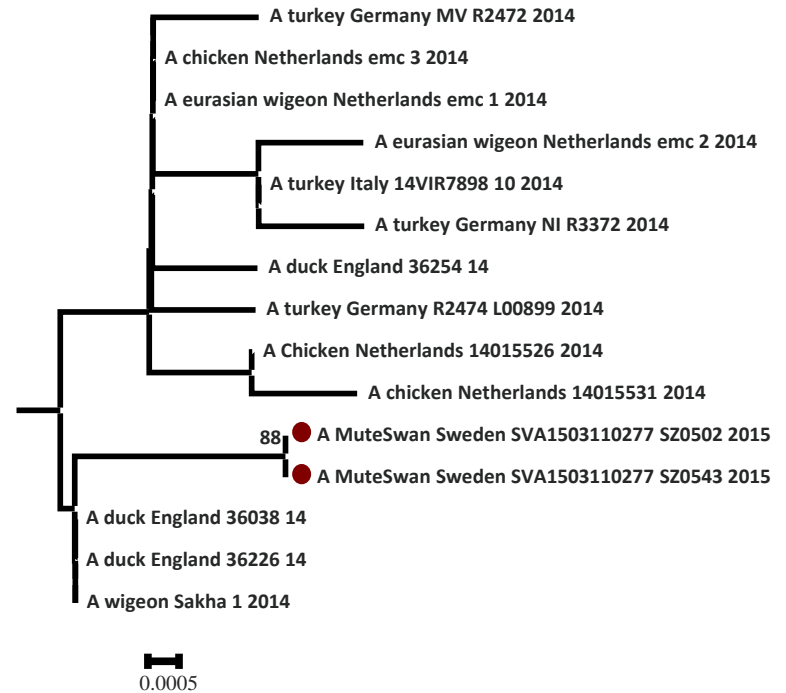
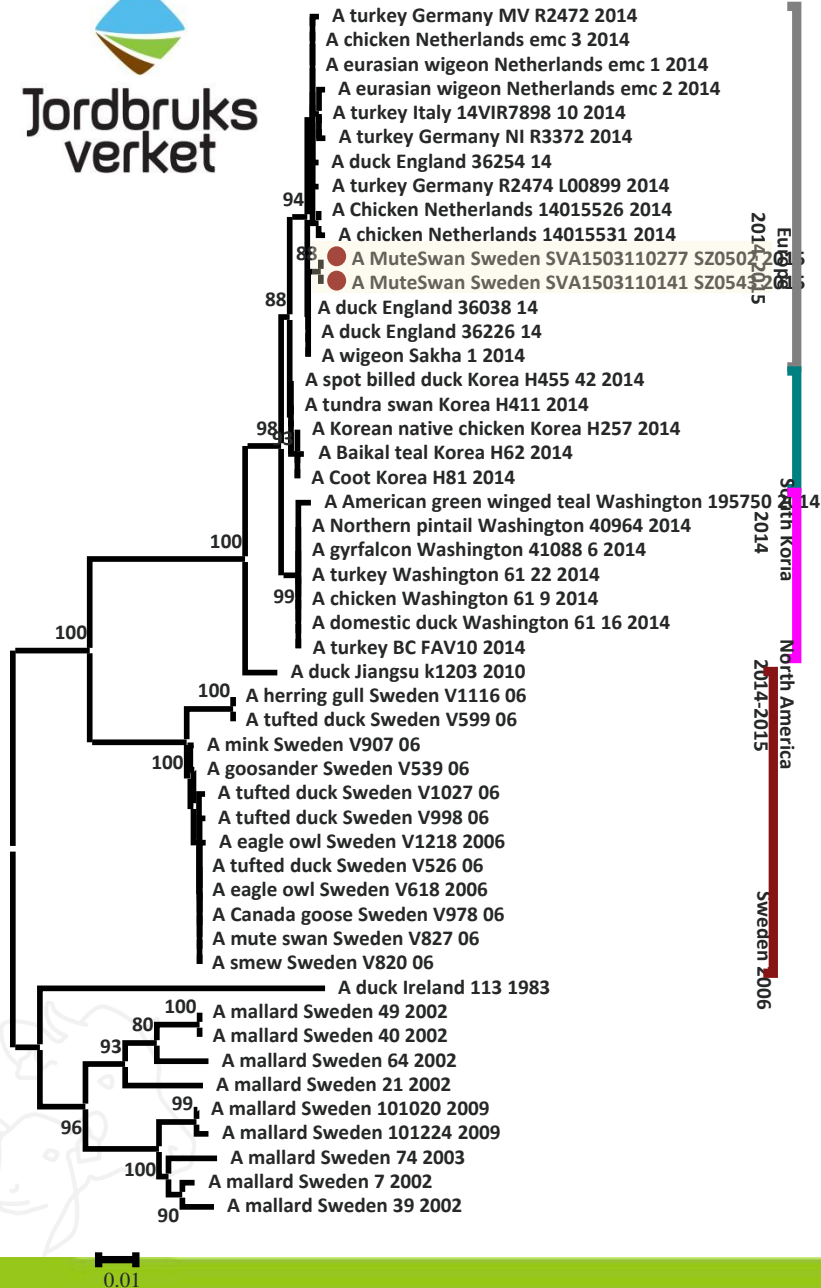
10 mars

20 mars

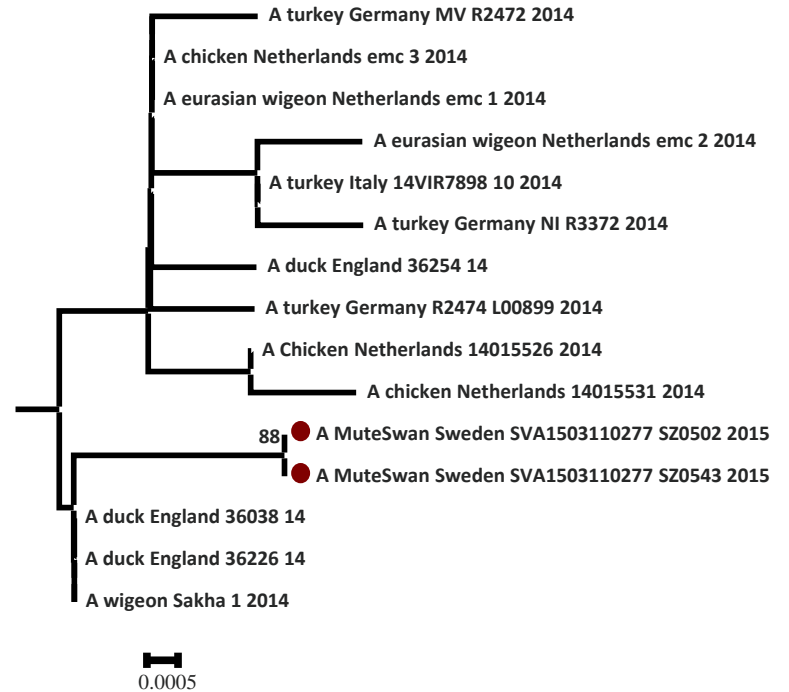
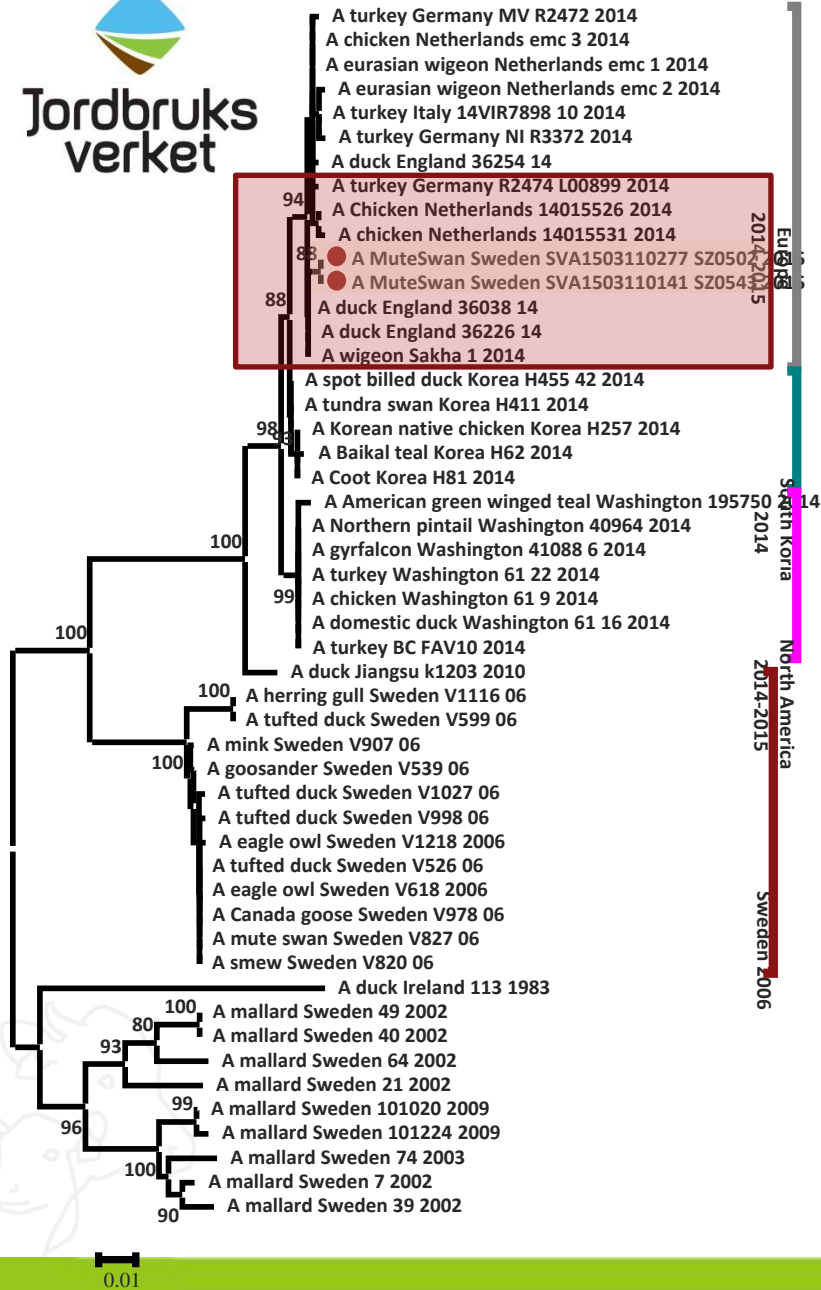
Location, central Stockholm



No commercial poultry holdings in the vicinity



Phylogenetic tree of HA gene of H5-AIV based on 1000bp of hemagglutinin (HA1) gene. Phylogenetic tree was generated by the NJ method as implemented in MEGA software. The bootstrap test (2000 replicates) are shown next to the branches



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