Immediate notification report
Report reference: REF OIE 17393, Report Date: 20/03/2015, Country: Sweden

Report Summary
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Date submitted to OIE: 20/03/2015

Animal type: Terrestrial
Date of report: 20/03/2015

Disease: Highly pathogenic avian influenza
Date of start of the event: 18/02/2015

Causal Agent: Highly pathogenic avian influenza virus
Date of pre-confirmation of the event: 19/03/2015

Serotype(s): H5N8
Date of last occurrence: 26/04/2006

Reason for notification: Reoccurrence of a listed disease
Clinical signs: No

Number of reported outbreaks: submitted= 2, Draft= 0

Outbreak details

STOCKHOLMS LÄN-
(this report - submitted)
- Stockholm Stockholm Not applicable Djurgården 59.32729258 18.09272464 18/02/2015 05/03/2015

Species: Mute Swan:Anatidae(Cygnusolor)
Affected Population

Mute Swan
Affected Population

Outbreak summary: Total outbreaks = 2 (Submitted)

Species: Mute Swan

Susceptible Cases Deaths Destroyed Slaughtered
2 2 0 0

Epidemiology
Epidemiological comments:
Ten mute swans found dead in central Stockholm (two batches of five swans each) were post-mortem examined and tested for avian influenza virus as part of routine surveillance.
The first five examined were all negative for avian influenza virus and post-mortem exam followed by chemical analysis confirmed lead poisoning. The last five were all positive for influenza A virus (matrix-gene positive). None had macroscopic lesions suggesting possible lead poisoning were found in four, and lesions suggesting traumatic injury found in the fifth.
Two of the birds were positive for H5 and were subsequently typed as highly pathogenic avian influenza H5N8.
There are no commercial poultry holdings in the near vicinity.
In accordance with the OIE Terrestrial Animal Health Code, Article 10.4.1, point 8, this outbreak does not change the disease free status of Sweden as the birds involved in this outbreak are wild mute swans and do not fall within the OIE definition of poultry.

Source of the outbreak(s) or origin of infection:
• Unknown or inconclusive

Measures applied:
No Control Measures
### No Control Measures

<table>
<thead>
<tr>
<th>Animals treated</th>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Diagnostic Test Results

<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date Results Provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>National Veterinary Institute</td>
<td>Mute Swan</td>
<td>real-time PCR</td>
<td>19/03/2015</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

The report and all its outbreaks have been resolved.

Outbreak maps