Follow-up report No.1

Report Summary
Name of sender of the report: Dr. Zbyněk Semerád
Position: Director General
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Address: Slezská 7/100, 120 56 Prague 2 Prague
Date submitted to OIE: 21/02/2017
Reference OIE: 22995, Report Date: 21/02/2017, Country: Czech Republic

Animal type: Terrestrial
Date of report: 21/02/2017

Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event: 12/02/2017

Causal Agent: Highly pathogenic influenza A virus
Date of confirmation of the event: 12/02/2017

Serotype(s): H5N5
Diagnosis: Clinical, Laboratory (basic), Necropsy

Reason: New strain of a listed disease in the country
Clinical signs: Yes

Country or zone: a zone or compartment
Number of reported outbreaks: submitted = 1, Draft = 0

Outbreak details
Province: LIBEREC
Number of outbreaks: submitted = 1, Draft = 0
District: Liberec
Sub-district: Zoo
Location: Liberec
Latitude: 50.7871
Longitude: 15.037
Start Date: 12/02/2017
End Date: 12/02/2017

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
---|---|---|---|---|---|---|
Greylag Goose: Anatidae (Anser anser) | Animals | 4 | 0 | 0 | 4 | 0 |
Mute Swan: Anatidae (Cygnus olor) | Animals | 5 | 1 | 1 | 4 | 0 |
Spot-billed pelican: Pelecanidae (Pelecanus philippensis) | Animals | 4 | 1 | 1 | 0 | 0 |
Great White Pelican: Pelecanidae (Pelecanus onocrotalus) | Animals | 10 | 0 | 0 | 0 | 0 |
Affected Population: One mute swan found dead (Cygnus olor) in the wintering place of the Liberec zoo. In this place there were also other four mute swans, four greylag geese and 14 pelicans. One pelican was found dead on 16 February. Pelicans are under strict supervision.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
---|---|---|---|---|---|---|
Greylag Goose | 4 | 0 | 0 | 4 | 0 |
Mute Swan | 5 | 1 | 1 | 4 | 0 |
Spot-billed pelican | 4 | 1 | 1 | 0 | 0 |
Great White Pelican | 10 | 0 | 0 | 0 | 0 |

Epidemiology

Epidemiological comments
Source of the outbreak(s) or origin of infection
• Contact with wild species

Measures applied

Applied | To be applied
---|---
• control of wildlife reservoirs | • no planned control measures
<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>State Veterinary Institute, Prague</td>
<td>Spot-billed pelican</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>16/02/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

The event is continuing. Weekly follow-up reports will be submitted.
Outbreak maps