Follow-up report No.8

Report Summary
Name of sender of the report Dr Silvio Borrello
Position Chief Veterinary Officer
Address Via G. Ribotta Rome 5 00144
Telephone +39 6 5994 6584
Fax +39 6 5994 6971
Email s.borrello@sanita.it

Date submitted to OIE 04/10/2017

Animal type Terrestrial
Date of report 04/10/2017

Disease Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event 03/01/2017

Causal Agent Highly pathogenic influenza A virus
Date of confirmation of the event 05/01/2017

Serotype(s) H5N8

Reason New strain of a listed disease
Clinical signs Yes

Country or zone a zone or compartment

Number of reported outbreaks submitted= 8, Draft= 0

Outbreak details
Province VENETO-other report - submitted
Number of outbreaks -
District ROVIGO
Sub-district -
Unit Type Natural park
Location Porto tolle
Latitude 44.967599
Longitude 12.364217
Start Date 03/01/2017
End Date: 23/02/2017

Species Common Shelduck:Anatidae(Tadorna tadorna)
Measuring units Animals
Susceptible ... 1
Cases 1
Deaths 0
Killed and disposed of 0
Slaughtered 0

Affected Population Dated 23 February 2017 a positive case for highly pathogenic influenza A virus subtype H5N8 was detected on a duck (Tadorna tadorna) found close to the mouth of the river Po. The animal was found still alive but died on 26 December 2016 at the Wildlife Rescue Centre (CRFS) in the province of Rovigo. The carcass was stored in a freezer at CRFS until 20 February 2017, date on which it was delivered to the Clinical Diagnostic Laboratory. Tests carried out on 18 other birds were negative after the investigation of the Experimental Zooprophylactic Institute (IZS), Venezie.

Province FRIULI-VENEZIA GIULIA-other report - submitted
Number of outbreaks -
District GORIZIA
Sub-district -
Unit Type Natural park
Location Grado
Latitude 45.7
Longitude 13.44
Start Date 03/01/2017
End Date: 21/03/2017

Species Eurasian Wigeon:Anatidae(Anas penelope)
Measuring units Animals
Susceptible ... 1
Cases 1
Deaths 0
Killed and disposed of 0
Slaughtered 0

Affected Population The positivity regards a wild bird found dead in proximity of a natural reserve. Diagnostic tests have been carried out and the result was serotype H5N8.

Province FRIULI-VENEZIA GIULIA-other report - submitted
Number of outbreaks -
District UDINE
Sub-district -
Unit Type Natural park
Location Aquileia
Latitude 45.736762
Longitude 13.345811
Start Date 19/01/2017
End Date: 24/03/2017

Species Whooper Swan:Anatidae(Cygnus cygnus)
Measuring units Animals
Susceptible ... 1
Cases 1
Deaths 0
Killed and disposed of 0
Slaughtered 0

Affected Population
### Outbreak summary: Total outbreaks = 8 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Shelduck</td>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
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<td>0</td>
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<tr>
<td>Eurasian Wigeon</td>
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<tr>
<td>Whooper Swan</td>
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<tr>
<td>Grey Heron</td>
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<td>1</td>
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<td>0</td>
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<tr>
<td>Mallard</td>
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<td>10</td>
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</table>

Follow-up report No.: 8, Report reference: OIE Ref: 24952, Report Date: 04/10/2017, Country: Italy

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mute Swan</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Epidemiology**

**Epidemiological comments**

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

**Measures applied**

**Applied**
• movement control inside the country
• screening
• official disposal of carcasses, by-products and waste
• control of wildlife reservoirs

**To be applied**
• no planned control measures

**Animals treated**

Vaccination Prohibited

**Animals treated**

No

**Vaccination Prohibited**

Yes

**Laboratory Type**

National laboratory

**Name of Laboratory**
Experimental Zooprophylactic Institute (IZS), Venezie - Padova

**Species**
Mute Swan

**Test Type**
real-time PCR

**Date results provided**
28/09/2017

**Result**
Positive

**Future Reporting**
The event is continuing. Weekly follow-up reports will be submitted.