**Follow-up report No.4**

Report reference: , Reference OIE : 23674, Report Date : 03/05/2017, Country : Italy

### Report Summary

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Prof. Dr. Romano Marabelli</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position</td>
<td>Chief Veterinary Officer</td>
</tr>
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<td>Address</td>
<td>Viale Giorgio Ribotta,5 Rome 00144</td>
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<tr>
<td>Telephone</td>
<td>+390659946945(6)</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:alimentivet@sanita.it">alimentivet@sanita.it</a></td>
</tr>
</tbody>
</table>

**Date submitted to OIE**

03/05/2017

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**Animal type**

Terrestrial

**Date of report**

03/05/2017

**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= 4, Draft= 0

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### Outbreak details

#### Province: FRIULI-VENEZIA GIULIA

- **District**: GORIZIA
- **Species**: Eurasian Wigeon: Anatidae(Anas penelope)
- **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: VENETO

- **District**: ROVIGO
- **Species**: Common Shelduck: Anatidae(Tadorna tadorna)
- **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

- **District**: UDINE
- **Species**: Whooper Swan: Anatidae(Cygnus cygnus)
- **Affected Population**

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<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Sub-district</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
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</thead>
<tbody>
<tr>
<td>FRIULI-VENEZIA GIULIA</td>
<td>-</td>
<td>GORIZIA</td>
<td>Natural park</td>
<td>Grado</td>
<td>45.7</td>
<td>13.44</td>
<td>03/01/2017</td>
<td>21/03/2017</td>
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<tr>
<td>VENETO-other report - submitted</td>
<td>-</td>
<td>ROVIGO</td>
<td>Natural park</td>
<td>Porto tolle</td>
<td>44.967599</td>
<td>12.364217</td>
<td>03/01/2017</td>
<td>23/02/2017</td>
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<td>FRIULI-VENEZIA GIULIA</td>
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<td>UDINE</td>
<td>Natural park</td>
<td>Aquileia</td>
<td>45.736762</td>
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<td>19/01/2017</td>
<td>24/03/2017</td>
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<td>GORIZIA</td>
<td>Natural park</td>
<td>Grado</td>
<td>45.7</td>
<td>13.44</td>
<td>03/01/2017</td>
<td>21/03/2017</td>
<td></td>
</tr>
</tbody>
</table>

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Printed on: Wed May 3 14:34:29 CEST 2017
### Outbreak summary: Total outbreaks = 4 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
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</thead>
<tbody>
<tr>
<td>Eurasian Wigeon</td>
<td>Animals</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Common Shelduck</td>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Whooper Swan</td>
<td>Animals</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**
The positivity regards a swan found dead near a natural oasis. A diagnostic test was carried out and the result was serotype H5N8.

### Epidemiology

#### 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

**No**

**Yes**

### 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>Experimental Zooprophylactic Institute (IZS), Venezie - Padova</td>
<td>Whooper Swan</td>
<td>real-time PCR</td>
<td>29/04/2017</td>
<td>Positive</td>
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</tbody>
</table>

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