Follow-up report No.5

Report Summary

Name of sender of the report
Prof. Dr. Romano Marabelli

Position
Chief Veterinary Officer

Address
Viale Giorgio Ribotta,5
Rome 00144

Date submitted to OIE
07/06/2017

Animal type
Terrestrial

Date of report
07/06/2017

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

Country or zone
a zone or compartment

Number of reported outbreaks
submitted= 5, Draft= 0

Outbreak details

Province
FRIULI-VENEZIA GIulia
Number of outbreaks
-提交
District
GORIZIA
Sub-district
-提交
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
VENETO other report - submitted
Number of outbreaks
-提交
District
ROVIGO
Sub-district
-提交
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(Tador na 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
-提交
District
UDINE
Sub-district
UDINE
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 = 5 (Submitted)

<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>Eurasian Wigeon</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Common Shelduck</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Whooper Swan</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Grey Heron</td>
<td>1</td>
<td>1</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**

- To be applied
- **Movement control inside the country**
- **screening**
- **official disposal of carcasses, by-products and waste**
- **control of wildlife reservoirs**
- **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>Grey Heron</td>
<td>polymerase chain reaction (PCR)</td>
<td>07/06/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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

[Image of a map showing resolved and continuing outbreaks in Italy, with markers for different statuses of outbreaks.]