Immediate notification report
Report reference: REF OIE 21749, Report Date: 01/12/2016, Country: Tunisia

Report Summary

Name of sender of the report: Dr Malek Zrelli
Phone: +21671794586
Address: 30 rue Alain Savary
1002 Tunis Belvédère Tunis
Email: zrelli.malek@iresa.agrinet.tn
Date submitted to OIE: 01/12/2016

Animal type: Terrestrial
Date of report: 01/12/2016
Disease: Highly pathogenic avian influenza
Date of start of the event: 24/11/2016
Causal Agent: Highly pathogenic avian influenza virus in wild birds
Date of confirmation of the event: 30/11/2016
Serotype(s): H5
Diagnosis: Laboratory (advanced)

Reason: First occurrence 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

<table>
<thead>
<tr>
<th>Gouvernorat</th>
<th>Number of outbreaks</th>
<th>Délégation</th>
<th>Imada</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIZERTE- (this report - submitted)</td>
<td>-</td>
<td>Ghazala</td>
<td></td>
<td>Natural park</td>
<td>Ichkeul Natural Park</td>
<td>37.124365</td>
<td>9.615308</td>
<td>24/11/2016</td>
<td></td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Coot: Rallidae (Fulica atra)</td>
<td>Animals</td>
<td>...</td>
<td>17</td>
<td>17</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Eurasian Wigeon: Anatidae (Anas penelope)</td>
<td>Animals</td>
<td>...</td>
<td>13</td>
<td>13</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population: On November 24, 2016, 30 Eurasian wigeons (Anas Penelope) and common coots (Fulica atra) were found dead in Ichkeul Natural Park (wetland), in the framework of the strengthened surveillance in wetland areas (REPIOM network).
On November 30, 2016, the laboratory of the Veterinary Research Institute in Tunis confirmed the presence of H5 virus in the samples taken on the animals.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Coot</td>
<td>17</td>
<td>17</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Eurasian Wigeon</td>
<td>13</td>
<td>13</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments:
- Tunisia is located in the main migratory corridor for wild birds going to Africa from Europe during winter migration. Migration is ongoing and this viral strain must have been carried over by migrating birds.
- According to the OIE Terrestrial Animal Health Code, article 10.4.1, provision 8, this outbreak does not modify the sanitary status of the country as affected birds are wild and thus are not included in the OIE definition of poultry.
- A 3-km protection zone and a 10-km surveillance zone were implemented. There is no industrial poultry farm within the protection zone, and eight broiler farms within the surveillance zone.
- Surveillance measures strengthened within the surveillance zone and the whole country.
- Access to Ichkeul Natural Park was suspended.

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

Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• control of wildlife reservoirs</td>
<td>• no planned control measures</td>
</tr>
<tr>
<td>• surveillance outside containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>• official disposal of carcasses, by-products and waste</td>
<td></td>
</tr>
<tr>
<td>• surveillance within containment and/or protection zone</td>
<td></td>
</tr>
</tbody>
</table>

Animals treated

Vaccination Prohibited

Diagnosed test results

Printed on: Thu Dec 1 19:12:26 CET 2016
<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>Veterinary Research Institute</td>
<td>Common Coot</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>30/11/2016</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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