Immediate notification report

Report reference: H5N6-wild REF OIE 25340, Report Date: 05/12/2017, Country : Chinese Taipei

Report Summary

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Date submitted to OIE: 05/12/2017

Animal type: Terrestrial
Date of report: 05/12/2017

Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event: 01/12/2017

Causal Agent: Highly pathogenic influenza A virus
Date of confirmation of the event: 04/12/2017

Serotype(s): H5N6
Date of last occurrence: 05/05/2017

Reason: Recurrence of a listed disease
Diagnosis: Laboratory (basic), Laboratory (advanced), Necropsy

Country or zone: a zone or compartment
Clinical signs: Yes

Number of reported outbreaks: submitted= 1, Draft= 0

Outbreak details

<table>
<thead>
<tr>
<th>Prefecture/City</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>
</tr>
</thead>
<tbody>
<tr>
<td>TAINAN CITY. (this report - submitted)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Natural park</td>
<td>Taijiang National Park</td>
<td>23.044318</td>
<td>120.100681</td>
<td>01/12/2017</td>
<td>-</td>
</tr>
</tbody>
</table>

Species: Black-faced spoonbill (Platalea minor)
Measuring units: Animals

Affected Population

<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>Black-faced spoonbill</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Outbreak summary: Total outbreaks = 1 (Submitted)

Epidemiology

Epidemiological comments
On 1 December 2017, one dead black-faced spoonbill was found in Taijiang National Park (Republic of China) by the staff of the National Park and was sent to the National Laboratory (Animal Health Research Institute, AHRI) by the local Livestock Disease Control Center (LDCC). H5N6 subtype of highly pathogenic avian influenza was detected and confirmed by the AHRI in the evening of 4 December 2017. The LDCC disinfected the neighboring areas of the spot where the dead black-faced spoonbill was found and has completed clinical examination and sampling of all poultry farms (four chicken farms) within 5 km radius of the spot. All chicken in the four farms are clinically healthy. They are under intensified surveillance for three months to detect, if any, spreading of the virus. In addition, to be further well-prepared for the increased risk of HPAI epidemics, the government have launched active surveillance over three categories of higher risk poultry farms: (1) poultry farms located within 3 km radius around wetlands nationwide; (2) outdoor feeding duck farms; and (3) native chicken farms.

According to preliminary analysis by the AHRI, the current H5N6 virus is different (identity 92.4%) from the H5N6 virus that was detected in February 2017, but is closely related to the one found in wild birds in Japan last November. The HA genomic sequences share about 99% identity with the H5N8 virus which has caused major outbreaks in Europe from late 2016 to early 2017. The NA genome is similar to the H5N6 which is widespread in wild birds in Eurasia.

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

Measures applied

- movement control inside the country
- surveillance outside containment and/or protection zone
- surveillance within containment and/or protection zone
- quarantine
- official disposal of carcasses, by-products and waste
- disinfection
- ante and post-mortem inspections

<table>
<thead>
<tr>
<th>Measures applied</th>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>- no planned control measures</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Printed on: Tue Dec 5 18:32:29 AST 2017
## 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>Animal Health Research Institute</td>
<td>Black-faced spoonbill</td>
<td>gene sequencing</td>
<td>04/12/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute</td>
<td>Black-faced spoonbill</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>03/12/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

## Future Reporting

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