Immediate notification report
Report reference: REF OIE 22853, Report Date: 14/02/2017, Country: Cameroon

Report Summary

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Date submitted to OIE: 15/02/2017

Animal type: Terrestrial
Date of report: 14/02/2017

Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event: 02/01/2017

Causal Agent: Highly pathogenic influenza A virus
Date of confirmation of the event: 19/01/2017

Serotype(s): H5N8
Diagnosis: Clinical, Laboratory (advanced)

Reason: New strain 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

Region: EXTREME-NORD- (this report - submitted)
Département: Mayo-Sava
Arrondissement: Tokombéré
Unit Type: Not applicable
Location: Makilingaye
Latitude: 10.868145
Longitude: 14.239758
Start Date: 02/01/2017
End Date: 20/01/2017

Species

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indian Peafowl (Phasianidae (Pavo cristatus))</td>
<td>Animals</td>
<td>107</td>
<td>103</td>
<td>103</td>
<td>4</td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>24</td>
<td>0</td>
<td>0</td>
<td>24</td>
</tr>
</tbody>
</table>

Affected Population: Exotic peacock farm with 107 adult and juvenile peacocks, ten adult and juvenile ducks and 14 village chickens.

Outbreak summary: Total outbreaks = 1 (Submitted)

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Epidemiology

Epidemiological comments
Within the framework of the epidemiological surveillance of avian influenza in Cameroon, Veterinary services from the Extreme North region notified an important mortality of peacocks in an exotic poultry farm located in the Makilingaye township, Tokombéré district, Mayo-Sava department, close to the border with Nigeria. Samples were taken and analyzed by the National veterinary laboratory (LAVANET) of Garoua. H5 serotype was confirmed on January 16th, 2017 and H5N8 on January 19th, 2017.

Provisional measures were taken according to Law 006 of 16 April 2001 on animal health standards applying to livestock diseases legally considered as contagious and notifiable and according to the OIE Terrestrial Animal Health Code.

Three-kilometers protection zones and ten-kilometers surveillance zones were established and the appropriate control measures were implemented accordingly.

The samples were sent to an international reference laboratory.

According to the Director General’s letter from December 26th, 2016, any case of highly pathogenic avian influenza in birds other than poultry, including wild birds, detected from January 1st, 2017, is notified to the OIE through WAHIS under the new disease name: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds).

Source of the outbreak(s) or origin of infection
- Illegal movement of animals

Measure applied
Applied: To be applied

Printed on: Thu Feb 16 12:13:16 CET 2017
Applied

• movement control inside the country
• screening
• disinfection / disinfestation
• quarantine
• surveillance outside containment and/or protection zone
• stamping out
• official disposal of carcasses, by-products and waste
• surveillance within containment and/or protection zone
• zoning

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>Laboratoire National Vétérinaire (LANAVET)</td>
<td>Indian Peafowl</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>16/01/2017</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Laboratoire National Vétérinaire (LANAVET)</td>
<td>Indian Peafowl</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>06/02/2017</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>National Veterinary Laboratory (LAVANET)</td>
<td>Indian Peafowl</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>19/01/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>OIE Reference Laboratory</td>
<td>Experimental Zooprophylactic Institute (IZS), Venezie - Padova</td>
<td>Indian Peafowl</td>
<td>virus sequencing</td>
<td></td>
<td>Pending</td>
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Future Reporting

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