Immediate notification report
Report reference: REF OIE 16826, Report Date: 25/12/2014, Country: Russia

Report Summary

Name of sender of the report: Dr Evgeny Nepoklonov
Telephone: +7 (495) 975 16 23
Position: Deputy Head
Fax: +7 (495) 607 84 51
Address: Onikov Per., 1/11, 107139, Moscow, Russian Federation
Email: nepoklonov@gmail.com
Date submitted to OIE: 25/12/2014

Animal type: Terrestrial
Date of report: 25/12/2014
Disease: Highly pathogenic avian influenza
Date of start of the event: 25/09/2014
Causal Agent: Highly pathogenic avian influenza virus
Date of pre-confirmation of the event: 11/12/2014
Serotype(s): H5N8
Diagnosis: Laboratory (basic), Laboratory (advanced)
Reason: New strain of a listed disease
Clinical signs: No
Country or zone: a zone or compartment
Number of reported outbreaks: submitted= 1, Draft= 0

Outbreak details

<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>
</tr>
</thead>
<tbody>
<tr>
<td>RESPUBLIKA SAKHA(YAKUTIYA)- (this report - submitted)</td>
<td>-</td>
<td>Abyjsky</td>
<td>Not applicable</td>
<td>Belaya Gora</td>
<td>68.5497</td>
<td>146.2329</td>
<td>25/09/2014</td>
<td>03/10/2014</td>
<td></td>
</tr>
</tbody>
</table>

Species

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Eurasian Wigeon: Anatidae(Anas penelope)</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population

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>Eurasian Wigeon</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments

Highly pathogenic avian influenza (HPAI) H5 was identified in a sample (trachea) from hunted healthy Eurasian Wigeon through monitoring activities organized by Russian Federal Service for Surveillance on Consumer Rights Protection and Human Wellbeing (Rospotrebnadzor).

Preliminary analysis suggests this H5N8 is similar to the HPAIVs identified in Asian-Pacific region and Europe as some HA and NA genes fragments are consistent with current HPAI H5N8 virus. Further investigation of this HPAI virus including pathogenicity tests in chickens and full genom sequencing will be done in Federal Centre for Animal Health (FGBI ARRIAH), Vladimir in the nearest future. No HPAI H5N8 virus has been detected in poultry in the Russian Federation.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied

- control of wildlife reservoirs
- screening

To be applied

- no planned control measures

Animals treated

Vaccination Prohibited

No

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>Federal Scientific Centre of Virology and Biotechnology &quot;Vector&quot;, Novosibirsk</td>
<td>Eurasian Wigeon</td>
<td>virus isolation</td>
<td>11/12/2014</td>
<td>Positive</td>
</tr>
</tbody>
</table>

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<td>National laboratory</td>
<td>Federal Scientific Centre of Virology and Biotechnology &quot;Vector&quot;, Novosibirsk</td>
<td>Eurasian Wigeon</td>
<td>polymerase chain reaction (PCR)</td>
<td>11/12/2014</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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