Follow-up report No.1 (Final report)

Report Summary
Name of sender of the report Dr Evgeny Nepoklonov
Position Deputy Head
Telephone +7 (499) 975 16 23
Fax +7 (495) 607 84 51
Address Orlíkov Per., 1/11
107139, Moscow, Russian Federation
Email nepoklonov@gmail.com
Date submitted to OIE 23/09/2016

Animal type Terrestrial
Date of report 23/09/2016
Disease Highly pathogenic avian influenza
Date of start of the event 09/06/2016
Causal Agent Highly pathogenic avian influenza virus
Date of confirmation of the event 09/06/2016
Serotype(s) H5N8
Date of last occurrence 06/08/2015
Reason Reoccurrence of a listed disease
Diagnosis Laboratory (basic), Laboratory (advanced)
Country or zone a zone or compartment
Clinical signs No
Number of reported outbreaks submitted= 1, Draft= 0

Outbreak details
Province RESPBILKA TYVA-other report - submitted
District Ovyursky
Sub-district Not applicable
Unit Type Ubsu-Nur
Location
Latitude 50.663
Longitude 93.011
Start Date 09/06/2016
End Date 15/06/2016

Species Measuring units Susceptible Cases Deaths Destroyed Slaughtered
Grey Heron:Ardeidae(Ardea cinerea) Animals ... 4 0 4 0
Great Crested Grebe:Podicipedidae(Podiceps cristatus) Animals ... 1 0 1 0
Great Cormorant:Phalacrocoracidae(Phalacrocorax carbo) Animals ... 4 0 4 0
Common Tern:Laridae(Sterna hirundo) Animals ... 1 0 1 0
Anatidae (unidentified):Anatidae(Anatidae (incognita)) Animals ... 1 0 1 0
Black-headed Gull:Laridae(Larus ridibundus) Animals ... 6 0 6 0

Affected Population

Outbreak summary: Total outbreaks = 1 (Submitted)
Species Susceptible Cases Deaths Destroyed Slaughtered
Grey Heron 4 0 4 0
Great Crested Grebe 1 0 1 0
Great Cormorant 4 0 4 0
Common Tern 1 0 1 0
Anatidae (unidentified) 1 0 1 0
Black-headed Gull 6 0 6 0

Epidemiology
During the active monitoring of the ornithofauna in the surroundings of Ubsu-Nur Lake, a few wild birds were shot. Genome of H5 avian influenza virus was detected in 17 samples from carcasses of birds [black-headed gull (Larus ridibundus), grey heron (Ardea cinerea), common tern (Sterna hirundo), great crested grebe (Podiceps cristatus), great cormorant (Phalacrocorax carbo), duck (Anatidae)]. Sequence analysis of the isolates showed that they belonged to the Asian HPAI virus H5 lineage A/Guandong/1/96, clade 2.3.4.4.

Source of the outbreak(s) or origin of infection
• Contact with wild species

Epidemiological comments
During the active monitoring of the ornithofauna in the surroundings of Ubsu-Nur Lake, a few wild birds were shot. Genome of H5 avian influenza virus was detected in 17 samples from carcasses of birds [black-headed gull (Larus ridibundus), grey heron (Ardea cinerea), common tern (Sterna hirundo), great crested grebe (Podiceps cristatus), great cormorant (Phalacrocorax carbo), duck (Anatidae)]. Sequence analysis of the isolates showed that they belonged to the Asian HPAI virus H5 lineage A/Guandong/1/96, clade 2.3.4.4.

Source of the outbreak(s) or origin of infection
• Contact with wild species

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>• screening</td>
<td></td>
</tr>
</tbody>
</table>

Animals treated

<table>
<thead>
<tr>
<th>Animals treated</th>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Future Reporting

The report and all its outbreaks have been resolved.
Outbreak maps