Immediate notification report

Report Summary
Name of sender of the report: Dr Bimal Kumar Nirmal
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Address: Department of Livestock Services, Harihareshwran, Lalitpur NEPAL
Date submitted to OIE: 10/03/2017

Animal type: Terrestrial
Date of report: 10/03/2017

Disease: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)
Date of start of the event: 02/03/2017

Causal Agent: Highly pathogenic influenza A virus
Date of confirmation of the event: 06/03/2017

Serotype(s): H5N1
Date of last occurrence: 22/05/2014

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

Country or zone: the whole country
Clinical signs: Yes

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

Outbreak details

<table>
<thead>
<tr>
<th>a zone or compartment</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Village</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>KOSHI - (this report - submitted)</td>
<td>-</td>
<td>Sunsari</td>
<td>TalTalaiya</td>
<td>Natural park</td>
<td>Itahari-2</td>
<td>26.70165</td>
<td>87.296111</td>
<td>02/03/2017</td>
<td></td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
Whooper Swan | Anatidae (Cygnus cygnus) | Animals | 14 | 6 | 6 | 0 | 0 |
Asian Openbill | Ciconiidae (Anas tomas oscitans) | Animals | 1 | 1 | 1 | 0 | 0 |

Affected Population: Swans and storks (Harkhor) kept in a mini zoo within a community-based recreational park.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
Whooper Swan | 14 | 6 | 6 | 0 | 0 |
Asian Openbill | 1 | 1 | 0 | 0 |

Epidemiology
Epidemiological comments:
Within the mini zoo under the TalTalaiya community-based recreational park, there were different species of animals (monkey, leopard, jackal, rabbit, guinea pig, and deer) and birds (swans and storks). No mortality in animals. The park is surrounded by a large area of forest. There was high movement of people to the park. Therefore, it has been closed by the committee at this moment. Proper cleaning and disinfection of the shed was done with burial of dead birds. Post-operative surveillance is ongoing.

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

Measures applied
Applied:  • movement control inside the country  • screening  • disinfection / disinestation  • quarantine  • surveillance outside containment and/or protection zone  • stamping out  • official destruction of animal products  • official disposal of carcasses, by-products and waste  • surveillance within containment and/or protection zone
To be applied:  • no planned control measures
### 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>Central Veterinary Laboratory</td>
<td>Asian Openbill</td>
<td>real-time PCR</td>
<td>06/03/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Central Veterinary Laboratory</td>
<td>Asian Openbill</td>
<td>rapid tests</td>
<td>06/03/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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