### Report Summary

**Name of sender of the report:** Mr Hans Wyss  
**Position:** Chief Veterinary Officer  
**Address:** 3003 Berne LIEBEFELD BERNE  
**Telephone:** (41-31) 323 8501  
**Fax:** (41-31) 324 8256  
**Email:** hans.wyss@bvet.admin.ch  
**Date submitted to OIE:** 22/09/2017

#### Animal type
- **Type:** Terrestrial
- **Date of report:** 22/09/2017

#### Disease
- **Type:** Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)  
- **Date of start of the event:** 10/08/2017

#### Causal Agent
- **Type:** Highly pathogenic influenza A virus  
- **Date of confirmation of the event:** 17/08/2017

#### Serotype(s)
- **Type:** H5N8  
- **Date of last occurrence:** 22/03/2017

#### Country or zone
- **Type:** the whole country
- **Reason:** Recurrence of a listed disease
- **Diagnosis:** Laboratory (basic); Laboratory (advanced); Necropsy

#### Number of reported outbreaks
- **Type:** submitted= 7, Draft= 0

### Outbreak details

#### VAUD-other report
- **Location:** Lac de Neuchâtel
- **Latitude:** 46.78  
- **Longitude:** 6.64
- **Start Date:** 10/08/2017

#### Species
- **Type:** Mute Swan:Anatidae(Cygnus olor)
- **Susceptible:** Animals
- **Cases:** 2
- **Deaths:** 2
- **Killed and disposed of:** 0
- **Slaughtered:** 0

#### Affected Population
- **Type:** Two mute swans found dead.

#### VAUD-other report
- **Location:** Lac de Neuchâtel
- **Latitude:** 46.78  
- **Longitude:** 6.64
- **Start Date:** 24/08/2017

#### Species
- **Type:** Mallard:Anatidae(Anas platyrhynchos)
- **Susceptible:** Animals
- **Cases:** 1
- **Deaths:** 1
- **Killed and disposed of:** 0
- **Slaughtered:** 0

#### Affected Population

#### VAUS-other report
- **Location:** Lac de Pérolles
- **Latitude:** 46.8  
- **Longitude:** 7.17
- **Start Date:** 25/08/2017

#### Species
- **Type:** Mute Swan:Anatidae(Cygnus olor)
- **Susceptible:** Animals
- **Cases:** 2
- **Deaths:** 2
- **Killed and disposed of:** 0
- **Slaughtered:** 0

#### Affected Population
<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mute Swan: Anatidae (Cygnus olor)</td>
<td>Animals</td>
<td></td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mallard: Anatidae (Anas platyrhynchos)</td>
<td>Animals</td>
<td></td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Affected Population

**Outbreak summary:** Total outbreaks = 7 (Submitted)

<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>Mute Swan</td>
<td>7</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mallard</td>
<td>5</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

**Epidemiological comments**

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

**Measures applied**

- **Applied**
  - 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>National Reference Centre for Diseases of Poultry and Rabbits (NRGK)</td>
<td>Mute Swan</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>14/09/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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

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Follow-up report No.: 3, Report reference: HPAI_2017_1, OIE Ref: 24828, Report Date: 22/09/2017, Country: Switzerland