**Immediate notification report**

Report reference: REF OIE 29510, Report Date: 12/02/2019, Country: Namibia

### Report Summary

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Dr Naindji Haindongo</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position</td>
<td>Veterinarian</td>
</tr>
<tr>
<td>Address</td>
<td>P/Bag 12022, AUSSPANPLATZ, WINDHOEK WINDHOEK 9000</td>
</tr>
<tr>
<td>Telephone</td>
<td>+264 61 208 7546</td>
</tr>
<tr>
<td>Fax</td>
<td>+264 61 208 7779</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:naindji@yahoo.com">naindji@yahoo.com</a></td>
</tr>
<tr>
<td>Date submitted to OIE</td>
<td>12/02/2019</td>
</tr>
</tbody>
</table>

### Animal type

- **Terrestrial**

### Disease

- Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)

### Causal Agent

- Highly pathogenic avian influenza virus

### Date of report

12/02/2019

### Date start of the event

02/02/2019

### Date of confirmation of the event

07/02/2019

### Serotype(s)

- H5N8

### Diagnosis

- Clinical, Laboratory (basic)

### Reason

- First occurrence of a listed disease in the country

### Country or zone

- a zone or compartment

### Number of reported outbreaks

- submitted = 2, Draft = 0

### Outbreak details

#### Region/State Vet Area

- Karas- (this report - submitted)

#### Number of outbreaks

- 2

#### District

- Luderitz

#### Sub-district

- Luderitz

#### Unit Type

- Other

#### Location

- Halifax Island

#### Species

- Jackass Penguin: Spheniscidae (Spheniscus demersus)

#### Measuring units

- Animals

#### Susceptible

- 7000

#### Cases

- 223

#### Deaths

- 217

#### Killed and disposed of

- 6

#### Slaughtered

- 0

#### Affected Population

- A population of about 7,000 African penguins at a breeding site of the Halifax Island. It is a small rocky island about 100m (330ft) from the mainland, near Lüderitz.

#### Region/State Vet Area

- Karas- (this report - submitted)

#### Number of outbreaks

- 2

#### District

- Luderitz

#### Sub-district

- Luderitz

#### Unit Type

- Other

#### Location

- Luderitz Marine Research Quarantine Centre

#### Species

- Jackass Penguin: Spheniscidae (Spheniscus demersus)

#### Measuring units

- Animals

#### Susceptible

- 2

#### Cases

- 2

#### Deaths

- 0

#### Killed and disposed of

- 2

#### Slaughtered

- 0

#### Affected Population

- Two African penguins, collected from Halifax Island, showed neurological signs that were highly suspected to be of highly pathogenic avian influenza.

### Outbreak summary: Total outbreaks = 2 (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>Jackass Penguin</td>
<td>7002</td>
<td>225</td>
<td>217</td>
<td>8</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments

African penguins (Jackass penguins) at a conservation site (breeding site) on the Halifax Island, which is a small rocky island about 100 m (330 ft) from the mainland, near Lüderitz, showed signs suspected to be of highly pathogenic avian influenza. These were neurological signs (head tilting, twitching, incoordination), corneal opacity and lethargic/comatose behaviour. The disease is currently limited to African penguins only; no other wild birds are affected at the Halifax Island.

### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Measures applied

- To be applied

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**Applied**
- surveillance outside containment and/or protection zone
- surveillance within containment and/or protection zone
- quarantine
- official disposal of carcasses, by-products and waste
- selective killing and disposal
- disinfection

**To be applied**
- no planned control measures

**Animals treated**

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

**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>Jackass Penguin</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>07/02/2019</td>
<td>Positive</td>
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</table>

**Future Reporting**

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

![Map of Namibia showing outbreak areas](image)

- **Continuing (wild)**
- **International Boundaries**
- **Administrative Boundaries**