**Immediate notification report**

**Report reference:** Ref OIE: 10174, **Report Date:** 21/01/2011, **Country:** Hong Kong (SAR - PRC)

### Report Summary

**Disease**  
Highly pathogenic avian influenza

**Animal type**  
Terrestrial

**Causal Agent**  
Highly pathogenic avian influenza virus

**Seroype(s)**  
H5N1

**Clinical Signs**  
Yes  
Reason: Reoccurrence of a listed disease

**Date of first confirmation of the event**  
19/01/2011

**Date of report**  
21/01/2011

**Date submitted to OIE**  
21/01/2011

**Diagnosis**  
Laboratory (advanced)

**Date of Last Occurrence**  
18/12/2010

**Number Of Reported Outbreaks**  
Submitted= 2, Draft= 0

**Name of Sender of the report**  
Dr Thomas Sit

**Address**  
7/F Cheung Sha Wan Government Offices, 303 Cheung Sha Wan Road, Kowloon Hong Kong

**Position**  
Chief Veterinary Officer / Assistant Director (Inspection & Quarantine)

**Telephone**  
852 2150 6602

**Fax**  
852 2199 7050

**Email**  
thcsit@afcd.gov.hk

**Entered by**  
Dr Thomas Sit

### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>Province</th>
<th>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>HONG KONG</td>
<td>Yuen Long</td>
<td>Not applicable</td>
<td>Fairview Park</td>
<td>22.479058</td>
<td>114.046247</td>
<td>17/01/2011</td>
<td>17/01/2011</td>
</tr>
</tbody>
</table>

**Species**  
Wild species

**Measuring units**  
Animals

**Susceptible**  
1

<table>
<thead>
<tr>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

An Oriental Magpie Robin (Copsychus saularis) was collected on 17 January 2011 at the Fairview Park. Oriental Magpie Robin is a common and widespread resident in Hong Kong.

<table>
<thead>
<tr>
<th>Province</th>
<th>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>HONG KONG</td>
<td>Lantau Island</td>
<td>Not applicable</td>
<td>Tai O</td>
<td>22.258305</td>
<td>113.863918</td>
<td>18/01/2011</td>
<td>18/01/2011</td>
</tr>
</tbody>
</table>

**Species**  
Wild species

**Measuring units**  
Animals

**Susceptible**  
1

<table>
<thead>
<tr>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

A Large-billed Crow (Corvus macrorhynchus) carcass was collected on 18 January 2011 at Tai O. Large-billed Crow is a common and widespread resident in Hong Kong.

### Outbreak summary: Total outbreaks = 2 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

Epidemiological comments
An intensive surveillance system is in place for all poultry farms, poultry markets, pet bird shops and wild birds in Hong Kong. The H5N1 infected wild birds were detected in our ongoing surveillance programme on wild birds. No spread of disease was evident. As this report concerns wild birds, the dates of end of the outbreaks are the same as the dates on which the birds were found (17 and 18 January 2011, respectively).

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

### Control Measures

**Applied**  
- Screening  
- Disinfection of infected premises/establishment(s)

**To be applied**  
- No Planned Control Measures

**Vaccination Prohibited**  
- No

### Animals treated

No

### Country / Zone

**Country or zone**  
- the whole country

### 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>Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department</td>
<td>Wild species</td>
<td>polymerase chain reaction (PCR)</td>
<td>20/01/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department</td>
<td>Wild species</td>
<td>immunohistochemical test</td>
<td>20/01/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department</td>
<td>Wild species</td>
<td>polymerase chain reaction (PCR)</td>
<td>19/01/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>Regional Reference Laboratory</td>
<td>Department of Microbiology, University of Hong Kong</td>
<td>Wild species</td>
<td>gene sequencing</td>
<td>Pending</td>
<td></td>
</tr>
<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department</td>
<td>Wild species</td>
<td>immunohistochemical test</td>
<td>19/01/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department</td>
<td>Wild species</td>
<td>virus isolation</td>
<td>21/01/2011</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

**What further reports will be submitted in relation to this event?**

There are 0 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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