Immediate notification report


Report Summary

Name of sender of the report: Dr Thomas Sit
Position: Chief Veterinary Officer / Assistant Director (Inspection & Quarantine)
Address: 7/F Cheung Sha Wan Government Offices, 303 Cheung Sha Wan Road, Kowloon Hong Kong

Date submitted to OIE: 10/02/2018

Animal type: Terrestrial

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

Causal Agent: Highly pathogenic influenza A virus

Serotype(s): H5N6

Reason: Recurrence of a listed disease

Country or zone: the whole country

Outbreak details

Province: HONG KONG- (this report - submitted)

Outbreak summary: Total outbreaks = 1 (Submitted)

Species: Black-headed Gull (Larus ridibundus)

Affected Population: A dead black-headed gull was collected on 7 February 2018 in Lau Fau Shan, Tin Shui Wai. The species is an abundant winter visitor in Hong Kong.

Epidemiology

Epidemiological comments:
An intensive surveillance system is in place for all poultry farms, poultry markets, and pet bird shops in Hong Kong. The H5N6 infected wild bird was detected in the ongoing national surveillance program on wild birds. There are two poultry farms located within three kilometres of where the bird was found. No abnormalities or signs of avian influenza were found in the two poultry farms. The Hong Kong Wetland Park is located within three kilometres of where the bird was found. No spread of disease was evident. The date of end of the outbreak is the same as the date the bird was found (7 February 2018).

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

Measures applied

Applied: To be applied
• screening
• disinfection

Animals treated: Vaccination Prohibited

Diagnostic test results

Laboratory Type: Regional Reference Laboratory

Laboratory Name: Centre of Influenza Research, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong

Species: Black-headed Gull

Test Type: gene sequencing

Date results provided: Pending

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<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>
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<tbody>
<tr>
<td>Regional Reference Laboratory</td>
<td>National Influenza Centre, Centre for Health Protection, Department of Health</td>
<td>Black-headed Gull</td>
<td>gene sequencing</td>
<td></td>
<td>Pending</td>
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<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Black-headed Gull</td>
<td>virus isolation</td>
<td>09/02/2018</td>
<td>Positive</td>
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<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Black-headed Gull</td>
<td>immunohistochemical test</td>
<td>08/02/2018</td>
<td>Positive</td>
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<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Black-headed Gull</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>08/02/2018</td>
<td>Positive</td>
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**Future Reporting**

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