Immediate notification report
Report reference: REF OIE 21786, Report Date: 05/12/2016, Country: Hong Kong (SAR - PRC)

Report Summary

Name of sender of the report: Dr Thomas Sit
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Date submitted to OIE: 06/12/2016

Animal type: Terrestrial
Date of report: 05/12/2016
Disease: Highly pathogenic avian influenza
Date of start of the event: 25/11/2016
Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 05/12/2016
Serotype(s): H5N6
Date of last occurrence: 14/02/2016
Reoccurrence of a listed disease: No
Country or zone: the whole country
Clinical signs: No
Reason: Reoccurrence of a listed disease
Diagnosis: Laboratory (advanced)

Outbreak details

Province: HONG KONG (this report - submitted)
Number of outbreaks: 1
District: Yuen Long
Sub-district: Natural park
Unit Type: Mai Po
Location: Location: Mai Po
Latitude: 22.4975
Longitude: 114.0489
Start Date: 25/11/2016
End Date: 25/11/2016

Species: Northern Pintail (Anatidae, Anas acuta)
Measuring units: Animals
Susceptible: 3
Cases: 0
Deaths: 0
Destroyed: 0
Slaughtered: 0

Affected Population: Three environmental samples

Outbreak summary: Total outbreaks = 1 (Submitted)

Species: Northern Pintail
Susceptible: 3
Cases: 0
Deaths: 0
Destroyed: 0
Slaughtered: 0

Epidemiology

Epidemiological comments:
An intensive surveillance system is in place for avian influenza virus, including screening, at Mai Po Nature Reserve in Hong Kong. Three environmental samples were collected for the routine academic surveillance study by University of Hong Kong on 25 November 2016 and subsequently tested positive for H5N6. Additional sequencing results showed that these samples contain the DNA of Anas acuta (Northern pintail). The date of the end of the outbreak is the same as the date the samples were taken (25 November 2016).

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

Measures applied:
Applied: To be applied
To be applied: To be applied
• screening
• no planned control measures
Animals treated:
Vaccination Prohibited

Diagnostic test results:

Laboratory Type: Regional Reference Laboratory
Name of Laboratory: Centre of Influenza Research, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong
Species: Northern Pintail
Test Type: gene sequencing
Date results provided: 05/12/2016
Result: Positive

Laboratory Type: Regional Reference Laboratory
Name of Laboratory: Centre of Influenza Research, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong
Species: Northern Pintail
Test Type: virus isolation
Date results provided: 28/11/2016
Result: Positive
The report and all its outbreaks have been resolved.