

## Immediate notification report

Report reference: 17-18259 REF OIE 25538, Report Date: 29/12/2017, Country : Hong Kong (SAR - PRC)

### Report Summary

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		<b>Date submitted to OIE</b>	29/12/2017

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	29/12/2017
<b>Disease</b>	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	<b>Date of start of the event</b>	21/12/2017
<b>Causal Agent</b>	Highly pathogenic influenza A virus	<b>Date of confirmation of the event</b>	25/12/2017
<b>Serotype(s)</b>	H5N6	<b>Date of last occurrence</b>	07/04/2017
<b>Reason</b>	Recurrence of a listed disease	<b>Diagnosis</b>	Laboratory (advanced), Necropsy
<b>Country or zone</b>	the whole country	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 1, Draft= 0		

### Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
HONG KONG- (this report - submitted)	-	Yuen Long		Not applicable	Hong Kong Wetland Park, Tin Shui Wai	22.468565	114.005192	21/12/2017	21/12/2017
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Black-faced spoonbill: Threskiornithidae (Platalea minor)	Animals	...	1	1	0	0			
Affected Population	A dead Black-faced spoonbill was collected on 21st December 2017 at the mudflat of Hong Kong Wetland Park. The species is a common winter visitor in Deep Bay areas with small number recorded in summer.								

### Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered
Black-faced spoonbill		1	1	0	0

### Epidemiology

#### Epidemiological comments

An intensive surveillance system is in place for all poultry farms, poultry markets, and pet bird shops in Hong Kong. The virus was detected during disease investigation of the species. No spread of disease was evident. 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 date of end of the outbreak is the same as the date the bird was found (21 December 2017).

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

- Unknown or inconclusive

### Measures applied

Applied	To be applied
<ul style="list-style-type: none"> <li>• screening</li> <li>• disinfection</li> </ul>	<ul style="list-style-type: none"> <li>• no planned control measures</li> </ul>
Animals treated	Vaccination Prohibited
No	No

### Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
Regional Reference Laboratory	Centre of Influenza Research, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong	Black-faced spoonbill	gene sequencing		Pending

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries & Conservation Department	Black-faced spoonbill	nucleotide sequencing	27/12/2017	Positive
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries & Conservation Department	Black-faced spoonbill	virus isolation	25/12/2017	Positive
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries & Conservation Department	Black-faced spoonbill	immunohistochemical test	22/12/2017	Positive
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries & Conservation Department	Black-faced spoonbill	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	22/12/2017	Positive

### Future Reporting

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

## Outbreak maps

