

Immediate notification report

Report reference: , Ref OIE: 9115, Report Date: 07/04/2010 , Country: Hong Kong (P.R. China)

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	29/03/2010	Date of Start of Event	26/03/2010
Date of report	07/04/2010	Date Submitted To OIE	08/04/2010
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	29/12/2009
Number Of Reported Outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Dr Thomas Sit
Address	Government Offices, 303 Cheung Sha Wan Road, Kowloon Hon Kong	Position	Assistant Director
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Outbreak (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Yuen Long	Not applicable	Mai Po San Tsuen	22,49236	114,061277	26/03/2010	26/03/2010
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	0	0	

Affected Population

A barn swallow (*Hirundo rustica*) carcass was collected on 26 March 2010 at the Mai Po Section of Castle Peak Road, Yuen Long, New Territories, Hong Kong.

Barn swallows usually visit Hong Kong in spring and summer.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species		1	1	0	0

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.

This H5N1 infected wild bird was detected in the frame of the ongoing surveillance programme on wild birds. No spread of disease was evident.

As a precautionary measure, the Mai Po Nature Reserve has been temporarily closed to visitors for 21 days starting from 31 March 2010.

As this was a wild bird case, the date the event ended is the same as the date the bird was found (26 March 2010).

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
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Regional Reference Laboratory	Department of Microbiology, University of Hong Kong	Wild species	gene sequencing		Pending
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department	Wild species	polymerase chain reaction (PCR)	29/03/2010	Positive
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department	Wild species	immunohistochemical test	29/03/2010	Positive
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department	Wild species	virus isolation	01/04/2010	Positive

Future Reporting

What further reports will be submitted in relation to this event?	The event is resolved. No more reports will be submitted.
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Outbreak maps

