

Immediate notification report

Report reference: H5N6-wild REF OIE 25340, Report Date: 05/12/2017, Country : Chinese Taipei

Report Summary

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Animal type	Terrestrial	Date of report	05/12/2017
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	Date of start of the event	01/12/2017
Causal Agent	Highly pathogenic influenza A virus	Date of confirmation of the event	04/12/2017
Serotype(s)	H5N6	Date of last occurrence	05/05/2017
Reason	Recurrence of a listed disease	Diagnosis	Laboratory (basic), Laboratory (advanced), Necropsy
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

Prefecture/City	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
TAINAN CITY- (this report - submitted)	-			Natural park	Taijiang National Park	23.044318	120.100681	01/12/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered			
Black-faced spoonbill:Threskiornithidae(Platalea minor)	Animals	...	1	1	0	0			
Affected Population									

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

On 1 December 2017, one dead black-faced spoonbill was found in Taijiang National Park (Republic of China) by the staff of the National Park and was sent to the National Laboratory (Animal Health Research Institute, AHRI) by the local Livestock Disease Control Center (LDCC). H5N6 subtype of highly pathogenic avian influenza was detected and confirmed by the AHRI in the evening of 4 December 2017.

The LDCC disinfected the neighboring areas of the spot where the dead black-faced spoonbill was found and has completed clinical examination and sampling of all poultry farms (four chicken farms) within 5 km radius of the spot. All chicken in the four farms are clinically healthy. They are under intensified surveillance for three months to detect, if any, spreading of the virus.

In addition, to be further well-prepared for the increased risk of HPAI epidemics, the government have launched active surveillance over three categories of higher risk poultry farms: (1) poultry farms located within 3 km radius around wetlands nationwide; (2) outdoor feeding duck farms; and (3) native chicken farms.

According to preliminary analysis by the AHRI, the current H5N6 virus is different (identity 92.4%) from the H5N6 virus that was detected in February 2017, but is closely related to the one found in wild birds in Japan last November. The HA genomic sequences share about 99% identity with the H5N8 virus which has caused major outbreaks in Europe from late 2016 to early 2017. The NA genome is similar to the HxN6 which is widespread in wild birds in Eurasia.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • movement control inside the country • surveillance outside containment and/or protection zone • surveillance within containment and/or protection zone • quarantine • official disposal of carcasses, by-products and waste • disinfection • ante and post-mortem inspections 	<ul style="list-style-type: none"> • no planned control measures

No	Yes
Animals treated	Vaccination Prohibited
No	Yes

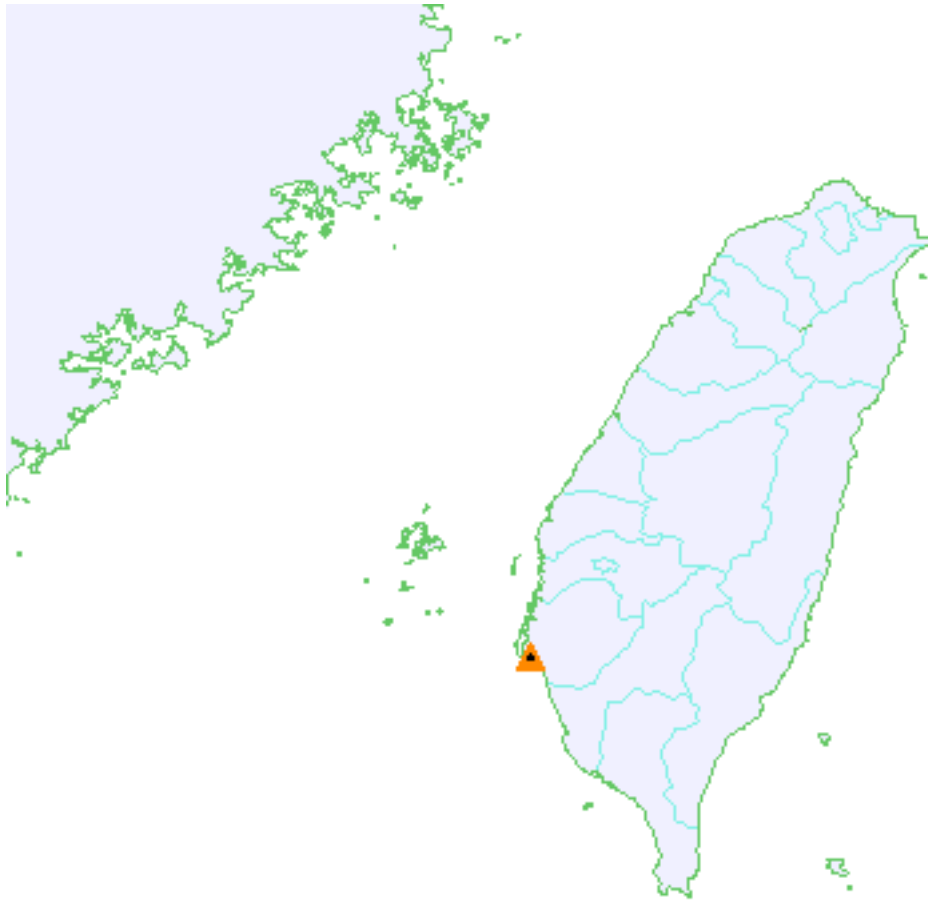
Diagnostic test results




Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	Animal Health Research Institute	Black-faced spoonbill	gene sequencing	04/12/2017	Positive
National laboratory	Animal Health Research Institute	Black-faced spoonbill	reverse transcription - polymerase chain reaction (RT-PCR)	03/12/2017	Positive

Future Reporting

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

Outbreak maps



-  Continuing (wild)
-  International Boundaries
-  Administrative Boundaries