

Immediate notification report

Report reference: REF OIE 17878, Report Date: 10/06/2015, Country : Russia

Report Summary

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Animal type	Terrestrial	Date of report	10/06/2015
Disease	Highly pathogenic avian influenza	Date of start of the event	28/05/2015
Causal Agent	Highly pathogenic avian influenza virus	Date of confirmation of the event	09/06/2015
Serotype(s)	H5N1	Date of last occurrence	27/04/2015
Reason	Reoccurrence of a listed disease	Diagnosis	Laboratory (basic), Laboratory (advanced)
Country or zone	a zone or compartment	Clinical signs	Yes
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
RESPUBLIKA TYVA- (this report - submitted)	-	Ovyursky		Not applicable	Ubsu-Nur	50.6512	93.0448	28/05/2015	10/06/2015
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Great Crested Grebe:Podicipedidae(Podiceps cristatus)	Animals	...	2	2	0	0			
Common Tern:Laridae(Sterna hirundo)	Animals	...	2	2	0	0			
Affected Population									

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Great Crested Grebe		2	2	0	0
Common Tern		2	2	0	0

Epidemiology

Epidemiological comments

During the active monitoring of the ornithofauna in the surroundings of Ubsu-Nur Lake, a few wild birds were found dead. Highly pathogenic avian influenza (HPAI) virus H5N1 was detected and isolated in samples from carcasses of two great crested grebes and two common terns. No HPAI virus H5N1 has been detected in samples from healthy migratory birds of different species: great crested grebes (Podiceps cristatus), great cormorant (Phalacrocorax carbo), red-crested pochard (Netta rufina), gadwall (Anas strepera), common tern (Sterna hirundo), common coot (Fulica atra), black-headed gull (Larus ridibundus). Sequence analysis of the isolates showed that they belonged to the Asian HPAI virus H5N1 lineage, clade 2.3.2.1, and had close similarity with previous Russian H5N1 virus isolates of years 2014-2015.

Source of the outbreak(s) or origin of infection

- Contact with wild species

Measures applied

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

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	All-Russian Research Institute for Animal Health (FGBI-ARRIAH)	Great Crested Grebe	virus isolation	09/06/2015	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	All-Russian Research Institute for Animal Health (FGBI-ARRIAH)	Common Tern	virus isolation	09/06/2015	Positive
National laboratory	All-Russian Research Institute for Animal Health (FGBI-ARRIAH)	Common Tern	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	09/06/2015	Positive
National laboratory	All-Russian Research Institute for Animal Health (FGBI-ARRIAH)	Great Crested Grebe	reverse transcription - polymerase chain reaction (RT-PCR)	09/06/2015	Positive

Future Reporting

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

Outbreak maps

