

Follow-up report No.2

Report reference: , Reference OIE : 22555, Report Date : 25/01/2017, Country : Czech Republic

Report Summary

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		Date submitted to OIE	25/01/2017

Animal type	Terrestrial	Date of report	25/01/2017
Disease	Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)	Date of start of the event	04/01/2017
Causal Agent	Highly pathogenic influenza A virus	Date of confirmation of the event	04/01/2017
Serotype(s)	H5N8	Diagnosis	Clinical, Laboratory (advanced), Necropsy
Reason	First occurrence of a listed disease	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 16, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JIHOMORAVSKÝ-other report - submitted	-			Forest	Ivancice	49.1608	16.5566	04/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	2	2	0	0			
Affected Population	Two mute swans found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OLOMOUCKÝ-other report - submitted	-	Olomouc		Forest	Olomouc	49.6026	17.2354	11/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	2	2	0	0			
Affected Population	Two dead found mute swan - H5N8 confirmed								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
STREDOCESKÝ-other report - submitted	-	Prague		Forest	Prague	50.0956	14.4203	14/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	1 mute swan found dead in the Capital city Prague								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OLOMOUCKÝ-other report - submitted	-	Olomouc		Forest	Olomouc	49.6071	17.2444	16/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	1 mute swan found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRÁLOVÉHRADECKÝ - (this report - submitted)	-	Náchod		Forest	Hradec Králové	50.4107	16.1671	16/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	1	1	0	0			
Affected Population	One wild duck (Anas platyrhynchos) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JIHOČESKÝ- (this report - submitted)	-	Tábor		Forest	Tábor	49.414	14.6698	17/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	1	1	0	0			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One wild duck (Anas platyrhynchos) and one mute swan (Cygnus olor) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
STŘEDOČESKÝ- (this report - submitted)	-	Prague		Forest	Prague	50.0825	14.4626	17/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One mute swan (Cygnus olor) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
STŘEDOČESKÝ- (this report - submitted)	-	Prague		Forest	Prague	50.0983	14.431	17/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	0	0	...			
Affected Population	One mute swan (Cygnus olor) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRÁLOVÉHRADECKÝ - (this report - submitted)	-	Hradec Králové		Forest	Hradec Králové	50.2161	15.8406	20/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One mute swan (Cygnus olor) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
KRÁLOVÉHRADECKÝ - (this report - submitted)	-	Hradec Králové		Forest	Hradec Králové	50.2165	15.8526	21/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	1	1	0	0			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One mute swan (Cygnus olor) and one wild duck found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
STREDOCESKÝ- (this report - submitted)	-	Kolín		Forest	Kolín	50.0297	15.206	21/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	0	0	0			
Affected Population	One mute swan (Cygnus olor) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
OLOMOUCKÝ- (this report - submitted)	-	Jeseník		Forest	Jeseník	50.23	17.2155	23/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Greylag Goose:Anatidae(Anser anser)	Animals	...	1	1	0	0			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One mute swan (Cygnus olor) and one wild goose (Anser anser) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
MORAVSKOSLEZSKÝ- (this report - submitted)	-	Opava	Jilešice	Forest	Opava	49.9452	17.8993	23/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Jihočeský- (this report - submitted)	-	České Budejovice		Forest	České Budejovice	48.9818	14.475	24/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	2	2	0	0			
Affected Population	Two mute swans (Cygnus olor) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
ZLÍNSKÝ- (this report - submitted)	-	Otrokovice		Forest	Otrokovice	49.2159	17.5208	24/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mallard:Anatidae(Anas platyrhynchos)	Animals	...	1	1	0	0			
Affected Population	One wild duck (Anas platyrhynchos) found dead.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
ZLÍNSKÝ- (this report - submitted)	-	Uherské Hradiste	Staré Mesto	Forest	Uherské Hradiste	49.0863	17.4488	24/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One mute swan (Cygnus olor) found dead.								

Outbreak summary: Total outbreaks = 16 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Mute Swan		17	15	0	0
Mallard		4	4	0	0
Greylag Goose		1	1	0	0

Epidemiology

Epidemiological comments

Source of the outbreak(s) or origin of infection

• Contact with wild species

Measures applied

Applied	To be applied
• control of wildlife reservoirs	• no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	State Veterinary Institute (SVI) Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	24/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mallard	reverse transcription - polymerase chain reaction (RT-PCR)	24/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	24/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	23/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Greylag Goose	reverse transcription - polymerase chain reaction (RT-PCR)	23/01/2017	Positive

Laboratory Type	Name of Laboratory	Species	Test Type	Date results provided	Result
National laboratory	State Veterinary Institute (SVI) Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	23/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	21/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mute Swan	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	21/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mallard	reverse transcription - polymerase chain reaction (RT-PCR)	21/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	17/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	17/01/2017	Positive
National laboratory	State Veterinary Institute (SVI) Prague	Mallard	reverse transcription - polymerase chain reaction (RT-PCR)	16/01/2017	Positive

Future Reporting

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

Outbreak maps

