

Follow-up report No.5

Report reference: , Reference OIE : 22799, Report Date : 10/02/2017, Country : Czech Republic

Report Summary

Name of sender of the report	Dr Zbyněk Semerád	Telephone	+420 227 010 142
Position	Director General	Fax	+420 227 010 191
Address	Slezská 7/100 120 56 Prague 2 Prague	Email	z.semerad@svscr.cz
		Date submitted to OIE	10/02/2017

Animal type	Terrestrial	Date of report	10/02/2017
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 (basic), Necropsy
Reason	First occurrence of a listed disease	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 29, 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:
KRÁLOVÉHRADSKÝ -other 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 -other 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:
STŘEDOCESKÝ -other 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:
STŘEDOCESKÝ -other 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:
KRÁLOVÉHRADSKÝ -other 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.								

Follow-up report No.: 5, Report reference: , OIE Ref: 22799, Report Date: 10/02/2017, Country: Czech Republic

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

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
JIHOČESKÝ-other report - submitted	-	Ceské Budejovice		Forest	Ceské Budejovice	48.9931	14.4637	24/01/2017	
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-other report - submitted	-	Písek		Forest	Písek	49.3143	14.1463	24/01/2017	
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:
OLOMOUCKÝ-other report - submitted	-	Prerov		Forest	Prerov	49.4534	17.4521	25/01/2017	
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:
MORAVSKOSLEZSKÝ-other report - submitted	-	Opava		Forest	Opava	49.9497	17.8936	26/01/2017	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Affected Population									

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Jihočeský-other report - submitted	-	Tábor		Forest	Veselí nad Lužnicí	49.2814	14.6597	28/01/2017	
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One mute swan found dead (Cygnus olor).								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Jihočeský- (this report - submitted)	-	Strakonice		Forest	Katovice	49.0764	14.3893	31/01/2017	
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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Královéhradecký - (this report - submitted)	-	Hradec Králové		Forest	Kosický	50.194	15.7591	02/02/2017	
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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Karlovarský- (this report - submitted)	-	Cheb		Forest	Skalka	50.0859	12.3449	02/02/2017	
Mute Swan:Anatidae(Cygnus olor)	Animals	...	1	1	0	0			
Affected Population	One found mute swan (Cygnus olor) 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			
Jihočeský- (this report - submitted)	-	Jindřichuv Hradec		Forest	Jindřichuv Hradec	49.1574	14.9886	02/02/2017	
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			
Jihočeský- (this report - submitted)	-	Jindřichuv Hradec		Forest	Lásenice	49.1236	14.9909	03/02/2017	

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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			
PARDUBICKÝ- (this report - submitted)	-	Pardubice		Forest	Pardubice	50.0584	15.7415	03/02/2017	
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:
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Jihočeský- (this report - submitted)	-	Jindřichuv Hradec		Forest	Trebon	49.1146	14.9773	05/02/2017	
Grey Heron:Ardeidae(Ardea cinerea)	Animals	...	1	1	0	0			
Affected Population	One grey heron (Ardea cinerea) 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			
MORAVSKOSLEZSKÝ- (this report - submitted)	-	Karviná		Forest	Závada	49.8757	18.5267	08/02/2017	
Mute Swan:Anatidae(Cygnus olor)	Animals	...	3	3	0	0			
Affected Population	Three mute swans (Cygnus olor) found dead.								

Outbreak summary: Total outbreaks = 29 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Mute Swan		29	27	0	0
Mallard		6	6	0	0
Greylag Goose		1	1	0	0
Grey Heron		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

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)	08/02/2017	Positive
National laboratory	State Veterinary Institute (SVI), Prague	Grey Heron	reverse transcription - polymerase chain reaction (RT-PCR)	05/02/2017	Positive
National laboratory	State Veterinary Institute (SVI), Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	03/02/2017	Positive
National laboratory	State Veterinary Institute (SVI), Prague	Mallard	reverse transcription - polymerase chain reaction (RT-PCR)	03/02/2017	Positive
National laboratory	State Veterinary Institute (SVI), Prague	Mallard	reverse transcription - polymerase chain reaction (RT-PCR)	02/02/2017	Positive
National laboratory	State Veterinary Institute (SVI), Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	02/02/2017	Positive
National laboratory	State Veterinary Institute (SVI), Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	02/02/2017	Positive
National laboratory	State Veterinary Institute (SVI), Prague	Mute Swan	reverse transcription - polymerase chain reaction (RT-PCR)	31/01/2017	Positive

Future Reporting

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

Outbreak maps

