

Follow-up report No.5

Report reference: , Reference OIE : 22910, Report Date : 20/02/2017, Country : Tunisia

Report Summary

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Animal type	Terrestrial	Date of report	20/02/2017
Disease	Highly pathogenic avian influenza	Date of start of the event	24/11/2016
Causal Agent	Highly pathogenic avian influenza virus in wild birds	Date of confirmation of the event	30/11/2016
Serotype(s)	H5N8	Diagnosis	Laboratory (advanced)
Reason	First occurrence of a listed disease in the country	Clinical signs	Yes
Country or zone	a zone or compartment		
Number of reported outbreaks	submitted= 1, Draft= 0		

Outbreak details

Gouvernorat	Number of outbreaks	Délégation	Imada	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BIZERTE-other report - submitted	-	Ghazala		Natural park	Ichkeul Natural Park	37.124365	9.615308	24/11/2016	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Common Coot:Rallidae(Fulica atra)	Animals	...	17	17	0	0			
Eurasian Wigeon:Anatidae(Anas penelope)	Animals	...	13	13	0	0			
Affected Population	On November 24, 2016, 30 Eurasian wigeons (Anas Penelope) and common coots (Fulica atra) were found dead in Ichkeul Natural Park (wetland), in the framework of the strengthened surveillance in wetland areas (REPIOM network). On November 30, 2016, the laboratory of the Veterinary Research Institute in Tunis confirmed the presence of H5 virus in the samples taken on the animals.								

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Common Coot		17	17	0	0
Eurasian Wigeon		13	13	0	0

Epidemiology

Epidemiological comments

- The H5 sequence fragment was sent to the Reference Laboratory in Padova to identify the neuraminidase (N). The Reference Laboratory confirmed that the H5 sequence fragment is directly related to highly pathogenic H5 virus sequences clade 2.3.4.4 (including the H5N8 viruses currently circulating in Russia and Europe).
- A phylogenetic analysis is on-going at the Experimental Zooprophyllactic Institute (IZS), Venice (OIE Reference Laboratory). - The situation is stable (nothing to highlight).

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied	To be applied
<ul style="list-style-type: none"> • surveillance outside containment and/or protection zone • official disposal of carcasses, by-products and waste • surveillance within containment and/or protection zone • control of wildlife reservoirs 	<ul style="list-style-type: none"> • no planned control measures
Animals treated	Vaccination Prohibited
No	Yes

Future Reporting

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

Outbreak maps

