Follow-up report No.4
Report reference: Reference OIE: 22652, Report Date: 03/02/2017, Country: Tunisia

Report Summary

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Date submitted to OIE: 03/02/2017

Animal type: Terrestrial
Date of report: 03/02/2017
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

Number of outbreaks: 1
Délégation: Ghazala
Imada: Imada
Species: BIZERTE-other report - submitted
Location: Ichkeul Natural Park
Latitude: 37.124365
Longitude: 9.615308
Start Date: 24/11/2016
End Date: 30/11/2016

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 | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
--- | --- | --- | --- | --- | --- |
Common Coot | Animals | ... | 17 | 17 | 0 | 0 |
Eurasian Wigeon | Animals | ... | 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 Zooprophylactic 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
- 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

Animals treated:
- Vaccination Prohibited

No: Yes

Future Reporting
The event is continuing. Weekly follow-up reports will be submitted.
Outbreak maps