

Follow-up report No.: 3

Report reference: , OIE Ref: 3841, Report Date: 24/02/2006, Country: Greece

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	Yes	Reason	First occurrence of a listed disease
Date of first confirmation of the event	09/02/2006	Date of Start of Event	30/01/2006
Date of report	24/02/2006	Date Submitted To OIE	25/02/2006
Diagnosis	Laboratory (advanced)	Number Of Reported Outbreaks	Submitted= 15, Draft= 0
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Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Pieria	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Pieria	Not applicable	Paralia Katerini	40,2666	22,5833	30/01/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population							
On 30 January 2006, a fisherman found a dead swan in the sea near the village and brought it ashore. The veterinary authorities collected the swan and immediately sent it to the national reference laboratory.							

Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Stavros	40,6666	23,6833	31/01/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population							
On 31 January 2006, people informed the veterinary authorities about the presence of a swan found dead on the coast. The veterinary authorities collected the swan and immediately sent it to the national reference laboratory.							

Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Nei Epivates	40,5	22,9	01/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	

Affected Population
On 1 February 2006, people informed the veterinary authorities about the presence of a swan found dead on the coast. The veterinary authorities collected the swan and immediately sent it to the national reference laboratory.
The birds belonged to a group of swans that arrived some twenty days ago, probably from the north, due to the bad weather conditions.

Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Asprovalta (village)	40,0166	23,5166	03/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans					

Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Thessaloniki (city)	40,6333	27,95	03/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans					

Outbreak (other report - submitted)

STEREA ELLADA	Evia	Unit Type	Location	Latitude	Longitude	Start	End
STEREA ELLADA	Evia	Not applicable	Northern part of the island of Skyros	38,9333	24,55	03/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		A red-breasted goose (Branta ruficollis).					

On 3 February 2006, people informed the veterinary authorities about the presence of a wild goose found dead. The veterinary authorities collected the goose and immediately sent it to the national reference laboratory.							
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Outbreak (this report - submitted)

KENTRIKI MAKEDONIA	Rodôpi	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Rodôpi	Not applicable	Xirolimni Lake, village of Fanari	40,96666	25,15	06/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	2	2	2	0	0	
Affected Population		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Chalkidiki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Chalkidiki	Not applicable	Polychrono	40,0166	23,5166	10/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans					

Outbreak (this report - submitted)

KENTRIKI MAKEDONIA	Pieria	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Pieria	Not applicable	Village of Makrygialos	40,41666	22,6	11/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

Outbreak (this report - submitted)

KENTRIKI MAKEDONIA	Pieria	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Pieria	Not applicable	Village of Paralia Katerini	40,2666	22,5833	11/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

Outbreak (this report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Stavros	40,6666	25,6833	12/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

Outbreak (this report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Epanomi	40,4166	22,9	13/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population		swans (Cygnus olor) found dead. No clinical/pathological signs were observed.					

Outbreak (this report - submitted)

KENTRIKI MAKEDONIA	Pella	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Pella	Not applicable	Loudias River, village of Nea Pella	40,7166	22,4666	13/02/2006	04/03/2006

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	1	1	1	0	0
Affected Population swans (Cygnus olor) found dead. No clinical/pathological signs were observed.						

Outbreak (this report - submitted)

KENTRIKI MAKEDONIA	Chalkidiki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Chalkidiki	Not applicable	Alykes, Amoliani Island	40,3333	23,9	14/02/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	2	2	2	0	0	
Affected Population swans (Cygnus olor) found dead. No clinical/pathological signs were observed.							

Outbreak (other report - submitted)

KENTRIKI MAKEDONIA	Thessaloniki	Unit Type	Location	Latitude	Longitude	Start	End
KENTRIKI MAKEDONIA	Thessaloniki	Not applicable	Alykes, village of Epanomi	40,4166	22,9	04/03/2006	04/03/2006
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	1	1	1	0	0	
Affected Population mute swan (Cygnus olor) found dead							

Outbreak summary: Total outbreaks = 15 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	17	17	17	0	0

Epidemiology

Epidemiological comments
<p>The veterinary authorities have been performing an epizootiological survey and applying the measures contained in European Commission Decision 2006/115/EU since 17 February 2006 (outbreak of Fanari) and 21 February 2006 (other outbreaks), when the national reference laboratory notified positive AI results.</p> <p>Outbreak in Fanari: on 6 February 2006, the veterinary authorities were informed about the presence of two dead swans in Xirolimni Lake and immediately collected the birds and sent them to the national reference laboratory (NRL).</p> <p>Outbreaks in Paralia-Katerini and Makrygialos: on 11 February 2006, the veterinary authorities were informed about the presence of two dead swans on the coast at Paralia-Katerini village and Makrygialos village and immediately collected the birds and sent them to the NRL.</p> <p>Outbreak in Stavros: on 12 February 2006, the veterinary authorities were informed about the presence of one dead swan on the coast at Stavros village and immediately collected the bird and sent it to the NRL.</p> <p>Outbreak in Epanomi: on 13 February 2006, the veterinary authorities were informed about the presence of one dead swan on the coast at Epanomi village and immediately collected the bird and sent it to the NRL.</p> <p>Outbreak in Nea Pella: on 13 February 2006, the veterinary authorities were informed about the presence of one dead swan in the area of Loudias River near Nea Pella village and immediately collected the bird and sent it to the NRL.</p> <p>Outbreak on Amoliani island: on 14 February 2006, the veterinary authorities were informed about the presence of two dead swans in the Alykes area of Amoliani island and immediately collected the birds and sent them to the NRL.</p>

Source of the outbreak(s) or origin of infection	• Unknown or inconclusive
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Control Measures

Applied	• Zoning	To be applied	• No Planned Control Measures
Animals treated	No	Vaccination Prohibited	Yes

Country / Zone

Country or zone	the whole country
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Regional Reference Laboratory	VLA-Weybridge, United Kingdom	Wild species	haemagglutination inhibition test (HIT)	23/02/2006	Positive
OIE's Reference Laboratory	VLA-Weybridge, United Kingdom	Wild species	polymerase chain reaction (PCR)	23/02/2006	Positive
OIE's Reference Laboratory	VLA-Weybridge, United Kingdom	Wild species	haemagglutination (HA) test	23/02/2006	Positive
National laboratory	Centre of Veterinary Institutions of Thessaloniki	Wild species	virus isolation	21/02/2006	Positive
National laboratory	Centre of Veterinary Institutions of Thessaloniki	Wild species	haemagglutination inhibition test (HIT)	21/02/2006	Positive
National laboratory	Centre of Veterinary Institutions of Thessaloniki	Wild species	haemagglutination (HA) test	21/02/2006	Positive

Future Reporting

What further reports will be submitted in relation to this event?	The event is resolved. No more reports will be submitted.
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Outbreak map

