**Report Summary**

Name of sender of the report: Dr Christodoulos Pipis  
Position: Acting Director  
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Telephone: +357 22 80 52 49  
Fax: +357 22 80 52 11  
Email: Director@vs.moa.gov.cy  
Date submitted to OIE: 24/10/2017  

**Animal type**: Terrestrial  
**Date of report**: 24/10/2017  
**Disease**: Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds)  
**Date of start of the event**: 20/09/2017  
**Causal Agent**: Highly pathogenic influenza A virus  
**Date of confirmation of the event**: 19/10/2017  
**Serotype(s)**: H5N8  
**Reason**: First occurrence of a listed disease  
**Country or zone**: the whole country  
**Number of reported outbreaks**: submitted= 1, Draft= 0

### District Details

<table>
<thead>
<tr>
<th>District</th>
<th>Number of outbreaks</th>
<th>Region</th>
<th>Community</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start Date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>AMMOCOSTOS- (this report - submitted)</td>
<td>-</td>
<td>Other</td>
<td>PARALIMNI</td>
<td>34.9947</td>
<td>34.0431</td>
<td>20/09/2017</td>
<td>20/09/2017</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eurasian buzzard (common buzzard): Accipitridae (Buteo buteo)</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**: A dead wild bird (Buteo buteo) was submitted to the veterinary services in the framework of the avian influenza (AI) surveillance program in wild birds. On the 4th of October 2017, it was tested positive by M-gene RT-PCR (Influenza A) at the National Reference Laboratory. On the same day, RT-PCR testing was performed for the detection of H5 or H7 AI virus and it proved to be H5 positive. On the 9th of October 2017, intestinal contents and intestinal tissues were sent to the OIE Reference Laboratory for confirmation and molecular sequencing and were confirmed to be H5N8 positive on the 19th of October 2017. On the 23rd of October, molecular sequencing was completed and a cleavage site motif of PLREKRRKGLF i.e. HPAI H5 was obtained.

### Outbreak summary: Total outbreaks = 1 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eurasian buzzard (common buzzard)</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

### Epidemiology

**Epidemiological comments**

**Source of the outbreak(s) or origin of infection**
- Wild bird infection

### Measures applied

**No Control Measures**

**Animals treated**
- Vaccination Prohibited
- Yes

### Diagnostic test results

**Laboratory Type** | **Name of Laboratory** | **Species** | **Test Type** | **Date results provided** | **Result**
--- | --- | --- | --- | --- | ---
OIE Reference Laboratory | Animal and Plant Health Agency, Weybridge | Eurasian buzzard (common buzzard) | nucleotide sequencing | 23/10/2017 | Positive

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<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date results provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>OIE Reference Laboratory</td>
<td>Animal and Plant Health Agency, Weybridge</td>
<td>Eurasian buzzard (common buzzard)</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>19/10/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal Health Laboratory</td>
<td>Eurasian buzzard (common buzzard)</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>04/10/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

The report and all its outbreaks have been resolved.
Outbreak maps

Resolved (wild)
International Boundaries
Administrative Boundaries