

## Immediate notification report

Report reference: 17-18247 REF OIE 25505, Report Date: 25/12/2017, Country : Hong Kong (SAR - PRC)

### Report Summary

|                                     |   |                              |                    |
|-------------------------------------|---|------------------------------|--------------------|
| <b>Name of sender of the report</b> | Dr Thomas Sit   | <b>Telephone</b>             | 852 2150 6602      |
| <b>Position</b>                     | Chief Veterinary Officer / Assistant Director (Inspection & Quarantine)           | <b>Fax</b>                   | 852 2199 7050      |
| <b>Address</b>                      | 7/F Cheung Sha Wan Government Offices, 303 Cheung Sha Wan Road, Kowloon Hong Kong | <b>Email</b>                 | thcsit@afcd.gov.hk |
|                                     |   | <b>Date submitted to OIE</b> | 25/12/2017         |

|                                     |   |  |                       |
|-------------------------------------|---|--|-----------------------|
| <b>Animal type</b>                  | Terrestrial   | <b>Date of report</b>                    | 25/12/2017            |
| <b>Disease</b>                      | Highly pathogenic influenza A viruses (infection with) (non-poultry including wild birds) | <b>Date of start of the event</b>        | 21/12/2017            |
| <b>Causal Agent</b>                 | Highly pathogenic influenza A virus   | <b>Date of confirmation of the event</b> | 25/12/2017            |
| <b>Serotype(s)</b>                  | H5N6  | <b>Date of last occurrence</b>           | 07/04/2017            |
| <b>Reason</b>                       | Recurrence of a listed disease  | <b>Diagnosis</b>                         | Laboratory (advanced) |
| <b>Country or zone</b>              | the whole country   | <b>Clinical signs</b>                    | Yes                   |
| <b>Number of reported outbreaks</b> | submitted= 1, Draft= 0  |  |                       |

### Outbreak details

| Province                                   | Number of outbreaks   | District    | Sub-district | Unit Type      | Location                     | Latitude    | Longitude   | Start Date | End Date:  |
|--|---|-------------|--------------|----------------|------------------------------|-------------|-------------|------------|------------|
| HONG KONG- (this report - submitted)       | -   | Sai Kung    |              | Not applicable | 8 To Lok Road, Tseung Kwan O | 22.3229775  | 114.2527945 | 21/12/2017 | 21/12/2017 |
| Species                                    | Measuring units   | Susceptible | Cases        | Deaths         | Killed and disposed of       | Slaughtered |             |            |            |
| Oriental Magpie Robin:Copsychus(saularis ) | Animals   | ...         | 1            | 1              | 0                            | 0           |             |            |            |
| Affected Population                        | A dead Oriental Magpie Robin was collected on 21 December 2017 at 8 To Lok Road, Tseung Kwan O. The species is an abundant resident in Hong Kong. |             |              |                |                              |             |             |            |            |

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

| Species               | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
|-----------------------|-------------|-------|--------|------------------------|-------------|
| Oriental Magpie Robin |             | 1     | 1      | 0                      | 0           |

### Epidemiology

#### Epidemiological comments

An intensive surveillance system is in place for all poultry farms, poultry markets, and pet bird shops in Hong Kong. The H5N6 infected wild bird was detected in our ongoing surveillance program on wild birds. No spread of disease was evident. There are no poultry farms located within three kilometres of where the bird was found. The Hong Kong Wetland Park and Mai Po Nature Reserve are not located within three kilometres of where the bird was found. The date of end of the outbreak is the same as the date the bird was found (21 December 2017).

#### Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

### Measures applied

| Applied   | To be applied   |
|---|---|
| <ul style="list-style-type: none"> <li>• screening</li> <li>• disinfection</li> </ul> | <ul style="list-style-type: none"> <li>• no planned control measures</li> </ul> |
| Animals treated   | Vaccination Prohibited  |
| No  | No  |

### Diagnostic test results

| Laboratory Type               | Name of Laboratory  | Species               | Test Type       | Date results provided | Result  |
|-------------------------------|---|-----------------------|-----------------|-----------------------|---------|
| Regional Reference Laboratory | Centre of Influenza Research, School of Public Health, Li Ka Shing Faculty of Medicine, University of Hong Kong | Oriental Magpie Robin | gene sequencing |                       | Pending |

| Laboratory Type     | Name of Laboratory   | Species               | Test Type   | Date results provided | Result   |
|---------------------|--|-----------------------|---|-----------------------|----------|
| National laboratory | Tai Lung Veterinary Laboratory, Agriculture, Fisheries & Conservation Department | Oriental Magpie Robin | virus isolation   | 25/12/2017            | Positive |
| National laboratory | Tai Lung Veterinary Laboratory, Agriculture, Fisheries & Conservation Department | Oriental Magpie Robin | real-time reverse transcriptase/polymerase chain reaction (RRT-PCR) | 22/12/2017            | Positive |
| National laboratory | Tai Lung Veterinary Laboratory, Agriculture, Fisheries & Conservation Department | Oriental Magpie Robin | immunohistochemical test  | 22/12/2017            | Positive |

#### Future Reporting

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

## Outbreak maps

