



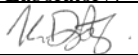
QUARTERLY AQUATIC ANIMAL DISEASE REPORT-2007

Country: Hong Kong SAR

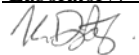
Period: January- March 2007

| Item | Disease status ^{a/} | | | Level of diagnosis | Epidemiological comment numbers |
|---|------------------------------|----------|-------|--------------------|---------------------------------|
| | Month | | | | |
| DISEASES PREVALENT IN THE REGION | January | February | March | | |
| FINFISH DISEASES | | | | | |
| OIE-listed diseases | | | | | |
| 1. Epizootic haematopoietic necrosis | 0000 | 0000 | 0000 | II | |
| 2. Infectious haematopoietic necrosis | 0000 | 0000 | 0000 | III | |
| 3. Spring viraemia of carp | 0000 | 0000 | 0000 | III | |
| 4. Viral haemorrhagic septicaemia | 0000 | 0000 | 0000 | III | |
| 5. Epizootic ulcerative syndrome | 0000 | 0000 | 0000 | II | |
| 6. Red seabream iridoviral disease | - | - | - | III | |
| 7. Koi herpesvirus disease | - | - | - | III | |
| Non OIE-listed diseases relevant to the region | | | | | |
| 8. Epitheliocystis | (2002) | | | | |
| 9. Grouper iridoviral disease | - | - | - | III | |
| 10. Viral encephalopathy and retinopathy | + | + | + | III | 1. |
| 11. Enteric septicaemia of catfish | 0000 | 0000 | 0000 | III | |
| 12. Bacterial kidney disease | 0000 | 0000 | 0000 | II | |
| 13. Infectious pancreatic necrosis | 0000 | 0000 | 0000 | III | |
| MOLLUSC DISEASES | | | | | |
| OIE-listed diseases | | | | | |
| 1. Infection with <i>Bonamia exitiosa</i> | 0000 | 0000 | 0000 | II | |
| 2. Infection with <i>Perkinsus olseni</i> | 0000 | 0000 | 0000 | II | |
| 3. Abalone viral mortality | 0000 | 0000 | 0000 | II | |
| Non OIE-listed diseases relevant to the region | | | | | |
| 3. Infection with <i>Marteilia sydneyi</i> | 0000 | 0000 | 0000 | II | |
| 4. Infection with <i>Marteilioides chungmuensis</i> | 0000 | 0000 | 0000 | II | |
| CRUSTACEAN DISEASES | | | | | |
| OIE-listed diseases | | | | | |
| 1. Taura syndrome | 0000 | 0000 | 0000 | III | |
| 2. White spot disease | - | - | - | III | |
| 3. Yellowhead disease (YH virus, gill-associated virus) | 0000 | 0000 | 0000 | III | |
| 4. Spherical baculovirus (<i>Penaes monodon</i> -type baculovirus) | 0000 | 0000 | 0000 | II | |
| 5. Infectious hypodermal and haematopoietic necrosis | 0000 | 0000 | 0000 | II | |
| 6. Tetrahedral baculovirus (<i>Baculovirus penaei</i>) | 0000 | 0000 | 0000 | II | |
| Non OIE-listed diseases relevant to the region | | | | | |
| 7. Infectious myonecrosis virus disease | 0000 | 0000 | 0000 | II | |
| 8. Baculoviral midgut gland necrosis | 0000 | 0000 | 0000 | II | |
| 9. White tail disease (MrNV and XSV) | 0000 | 0000 | 0000 | II | |
| UNKNOWN DISEASES OF A SERIOUS NATURE | | | | | |
| 1. Akoya oyster disease | 0000 | 0000 | 0000 | II | |
| | | | | | |
| ANY OTHER DISEASES OF IMPORTANCE | | | | | |
| 1. | | | | | |
| 2. | | | | | |
| | | | | | |

Prepared by:

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 Position: Senior Veterinary Officer (Veterinary Laboratory)
 Signature: 
 Date: 29 June 2007

Endorsed by (OIE Delegate):

Name: Dr Kitman Dyrting
 Position: Senior Veterinary Officer (Veterinary Laboratory)
 Signature: 
 Date: 29 June 2007



DISEASES PRESUMED EXOTIC TO THE REGION^b

LISTED BY THE OIE

Finfish: Infectious salmon anaemia; Gyrodactylosis (*Gyrodactylus salaris*).

Molluscs: Infection with *Bonamia ostreae*; *Marteilia refringens*; *Mikrocytos mackini* ; *Perkinsus marinus*; *Xenohaliotis californiensis*;

Crustaceans: Crayfish plague (*Aphanomyces astaci*);

NOT LISTED BY THE OIE, BUT OF POTENTIAL RELEVANCE

Finfish: Channel catfish virus disease; Piscirickettsiosis.

Crustaceans: Infectious myonecrosis.

a/ Please use the following symbols:

| | | | |
|----|---|--------|--|
| + | Disease reported or known to be present | +() | Occurrence limited to certain zones |
| +? | Serological evidence and/or isolation of causative agent but no clinical diseases | *** | No information available |
| ? | Suspected by reporting officer but presence not confirmed | 0000 | Never reported |
| | | - | Not reported (but disease is known to occur) |
| | | (year) | Year of last occurrence |

b/ If there is suspicion or confirmation of any of these diseases, they must be reported immediately, because the region is considered free of these diseases

1. Epidemiological comments:

(Comments should include: 1) Origin of the disease or pathogen (history of the disease); 2) Species affected; 3) Disease characteristics (unusual clinical signs or lesions); 4) Pathogen (isolated/sero-typed); 5) Mortality rate (high/low; decreasing/increasing); 6) Death toll (economic loss, etc); 7) Size of infected areas or names of infected areas; 8) Preventive/control measures taken; 9) Samples sent to national or international laboratories for confirmation (indicate the names of laboratories); 10) Published paper (articles in journals/website, etc). and 11) Unknown diseases: describe details as much as possible.)

| Comment No. | |
|-------------|---|
| 1 | Three cases of disease caused by Nervous Necrosis Virus were seen during the reporting period involving 2 properties. The 2 cases in January and February occurred in imported giant grouper fingerlings submitted by the same owner with cumulative mortality reached 30 %, while the case in March occurred in 4-5 months old Green Grouper with 1 % mortality. |
| 2 | |
| 3 | |
| 4 | |
| 5 | |

2. New aquatic animal health regulations introduced within past six months (with effective date):