



QUARTERLY AQUATIC ANIMAL DISEASE REPORT-2006

Country: Hong Kong SAR

Period: July - September 2006

Item	Disease status ^{a/}			Level of diagnosis	Epidemiological comment numbers
	Month				
DISEASES PREVALENT IN THE REGION	July	August	September		
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. Infectious pancreatic necrosis	0000	0000	0000	III	
6. Epizootic ulcerative syndrome (EUS)	0000	0000	0000	II	
7. Bacterial kidney disease	0000	0000	0000	II	
8. Red seabream iridoviral disease	-	+	-	III	1.
Non OIE-listed diseases relevant to the region					
9. Infection with koi herpesvirus	-	-	-	III	
10. Viral encephalopathy and retinopathy	+	+	-	III	2.
11. Enteric septicaemia of catfish	0000	0000	0000	III	
12. Epitheliocystis	(2002)				
13. Grouper iridoviral disease	-	-	-	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	
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. Necrotising hepatopancreatitis	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	
2. Abalone viral mortality	0000	0000	0000	II	
ANY OTHER DISEASES OF IMPORTANCE					
1.					
2.					

Prepared by:

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Name:

Veterinary Pathologist (Fish Diseases)

Position:

Signature:

18th December 2006

Date:

Endorsed by (OIE Delegate):

Dr Kitman Dyrting

Name:

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Position:

Signature:

19th December 2006

Date:



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	One case of disease with significant mortalities caused by RSIV in mariculture fish was seen in giant grouper fingerlings in August. It occurred secondarily to poor water quality after a period of heavy rainfall, and the fish were also affected by parasitic disease and bacterial disease. Other species including green grouper were not affected by the RSIV disease.
2	Two cases of disease caused by Nervous Necrosis Virus were seen during the reporting period. Both cases were in small giant grouper fingerlings and cumulative mortalities reached about 15% in each case. The virus was detected in other batches of fish but was not associated with disease.
3	
4	
5	

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

Nil