



## QUARTERLY AQUATIC ANIMAL DISEASE REPORT-2006

Country: Hong Kong SAR

Period: April - June 2006

Item	Disease status <sup>a/</sup>			Level of diagnosis	Epidemiological comment numbers
	Month				
DISEASES PREVALENT IN THE REGION	April	May	June		
<b>FINFISH DISEASES</b>					
<b>OIE-listed diseases</b>					
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.
<b>Non OIE-listed diseases relevant to the region</b>					
9. Infection with koi herpesvirus	-	-	-	III	
10. Viral encephalopathy and retinopathy	-	-	-	III	
11. Enteric septicaemia of catfish	0000	0000	0000	III	
12. Epitheliocystis	(2002)				
13. Grouper iridoviral disease	+	-	+	III	2.
<b>MOLLUSC DISEASES</b>					
<b>OIE-listed diseases</b>					
1. Infection with <i>Bonamia exitiosa</i>	0000	0000	0000	II	
2. Infection with <i>Perkinsus olseni</i>	0000	0000	0000	II	
<b>Non OIE-listed diseases relevant to the region</b>					
3. Infection with <i>Marteilia sydneyi</i>	0000	0000	0000	II	
4. Infection with <i>Marteilioides chungmuensis</i>	0000	0000	0000	II	
<b>CRUSTACEAN DISEASES</b>					
<b>OIE-listed diseases</b>					
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	
<b>Non OIE-listed diseases relevant to the region</b>					
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	
<b>UNKNOWN DISEASES OF A SERIOUS NATURE</b>					
1. Akoya oyster disease	0000	0000	0000	II	
2. Abalone viral mortality	0000	0000	0000	II	
<b>ANY OTHER DISEASES OF IMPORTANCE</b>					
1.					
2.					

**Prepared by:**

Dr Brad Chadwick

Name:

Veterinary Pathologist (Fish Diseases)

Position:

Signature:

20<sup>th</sup> September 2006

Date:

**Endorsed by (OIE Delegate):**

Dr Kitman Dyrting

Name:

Senior Veterinary Officer (Veterinary Laboratory)

Position:

Signature:

20<sup>th</sup> September 2006

Date:



**DISEASES PRESUMED EXOTIC TO THE REGION<sup>b</sup>**

**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	Two cases of severe disease with heavy mortalities caused by RSIV in mariculture fish were identified in June. Both occurred in fingerlings, after heavy rainfalls and have significant loadings of external parasites. The species involved were Gold-lined Seabream and Sweetlips.
2	Three cases, one in April and 2 in June, associated with Grouper Iridovirus were detected in fingerlings of Green Grouper. Mortalities were 10-20% and were associated with transport stress of importation.
3	
4	
5	

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

Nil