

# QUARTERLY AQUATIC ANIMAL DISEASE REPORT

Country: Hong Kong SAR (China)

Period: October - December 2005

Item	Disease status <sup>a/</sup>			Level of diagnosis	Epidemiological comment numbers
	Month				
	October	November	December		
<b>DISEASES PREVALENT IN THE REGION</b>					
<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. <i>Oncorhynchus masou</i> virus disease	0000	0000	0000	II	
4. Spring viraemia of carp	0000	0000	0000	III	
5. Viral haemorrhagic septicaemia	0000	0000	0000	III	
6. Viral encephalopathy and retinopathy	+	-	+	III	1.
7. Infectious pancreatic necrosis	0000	00000	0000	III	
8. Epizootic ulcerative syndrome (EUS)	0000	0000	0000	II	
9. Bacterial kidney disease	0000	0000	0000	II	
10. Red seabream iridoviral disease	-	-	-	III	
11. Enteric septicaemia of catfish	0000	0000	0000	III	
<b>Non OIE-listed diseases relevant to the region</b>					
12. Epitheliocystis	(2002)				
13. Grouper iridoviral disease	-	-	+	III	2.
14. Infection with koi herpesvirus	-	-	-	III	
<b>MOLLUSC DISEASES</b>					
<b>OIE-listed diseases</b>					
1. Infection with <i>Bonamia exitiosa</i>	0000	0000	0000	II	
2. Infection with <i>Mikrocytos roughleyi</i>	0000	0000	0000	II	
3. Infection with <i>Haplosporidium nelsoni</i>	0000	0000	0000	II	
4. Infection with <i>Marteilia sydneyi</i>	0000	0000	0000	II	
5. Infection with <i>Perkinsus olseni/atlanticus</i> <sup>b/</sup>	0000	0000	0000	II	
<b>Non OIE-listed diseases relevant to the region</b>					
6. 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>Penaeus monodon</i> -type baculovirus)	0000	0000	0000	II	
5. Infectious hypodermal and haematopoietic necrosis	0000	0000	0000	II	
6. Spawner-isolated mortality virus disease	0000	0000	0000	II	
7. Tetrahedral baculovirus ( <i>Baculovirus penaei</i> )	0000	0000	0000	II	
<b>Non OIE-listed diseases relevant to the region</b>					
8. Necrotising hepatopancreatitis	0000	0000	0000	II	
9. Baculoviral midgut gland necrosis	0000	0000	0000	II	
10. 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:

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Name:

Position:

Veterinary Pathologist

Signature:

Date:

2 Mar 06

Endorsed by (OIE Delegate):

Name:

Position:

Signature:

Date:

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Senior Veterinary Officer  
15 Mar 2006

**DISEASES PRESUMED EXOTIC TO THE REGION, BUT LISTED BY THE OIE<sup>d/</sup>**

**Finfish:** Channel catfish virus disease; Infectious salmon anaemia; Piscirickettsiosis; Gyrodactylosis (*Gyrodactylus salaris*); White sturgeon iridoviral disease

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

**Crustaceans:** Crayfish plague (*Aphanomyces astaci*)

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/ *Perkinsus olseni* and *P.atlanticus* are now considered conspecific. They may have different host species in different regions, and countries are encouraged to provide epidemiological comments where either of these agents occur.

c/ 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 NNV disease occurred during the reporting period. Two cases were in giant grouper from the same farm and one case involved green grouper.
2	One case of grouper Iridovirus affecting green grouper fingerlings co-infected with NNV (see above)
3	
4	
5	

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