QUARTERLY AQUATIC ANIMAL DISEASE REPORT

COUNTRY : <u>Hong Kong SAR, CHINA</u>   **Period :** <u>October - December 2003</u>

Item	Disease status [a/]			Level of Diagnosis	Epidemiological Comment Numbers
	October	November	December		
Diseases prevalent in some parts of the region					
Finfish Diseases					
1. Epizootic haematopoietic necrosis*	0000	0000	0000	II	
2. Infectious haematopoietic necrosis*	0000	0000	0000	III	
3. *Oncorhynchus masou* virus disease*	0000	0000	0000	II	
4. Viral haemorrhagic septicaemia*	0000	0000	0000	III	
5. Infectious pancreatic necrosis	0000	0000	0000	III	
6. Viral encephalopathy and retinopathy	-	-	+	III	1
7. Epizootic ulcerative syndrome (EUS)	0000	0000	0000	II	
8. Bacterial kidney disease	0000	0000	0000	III	
9. Red seabream iridoviral disease	0000	0000	0000	III	
Mollusc Diseases					
1. Bonamiosis (*B. exitiosus, B.ostreae,B. roughleyi*)*	0000	0000	0000	II	
2. Marteiliosis (*Marteilia refringens, M. sydneyi*)*	0000	0000	0000	II	
3. Microcystosis (*Mikrocytos mackini*)*	0000	0000	0000	II	
4. Perkinsosis (*Perkinsis marinus, P.olseni/atlanticus[c/]*)*	0000	0000	0000	II	
5. MSX disease (*Haplosporidium nelsoni*)*	0000	0000	0000	II	
Crustacean Diseases					
1. Yellowhead disease (YH virus; gill-associated virus) *	0000	0000	0000	III	
2. White spot disease*	(+?2003)			III	2
3. Taura Syndrome*	0000	0000	0000	III	
4. Infectious hypodermal and haematopoietic necrosis	0000	0000	0000	II	
5. Spawner-isolated mortality virus disease	0000	0000	0000	II	
Diseases presumed exotic to the region, but reportable to the OIE					
Finfish Diseases					
1. Spring viraemia of carp*	0000	0000	0000	III	
Any other diseases of importance[b/]					
1. Grouper iridoviral disease	+	-	-	III	3
2. Epitheliocystis	+?(2002)			II	4
Unknown diseases of serious nature					
1. Koi mass mortality	0000	0000	0000	II	
2. Akoya oyster disease	0000	0000	0000	II	

b/ In particular, these include the following diseases:

Finfish : Channel catfish virus disease; Infectious salmon anaemia; Piscirickettsiosis; Epitheliocystis; Gyrodactylosis (*Gyrodactylus salaris*); Enteric septicaemia of catfish;White sturgeon iridoviral disease; Grouper iridoviral disease.

Molluscs : Withering syndrome of abalones (*Candidatus* Xenohaliotis californiensis); SSO disease (*Haplosporidium costale*); Marteilioides infection (*Marteilioides chungmuensis*).

Crustaceans : Tetrahedral baculovirosis (*Baculovirus penaei*); Crayfish plague (*Aphanomyces astaci*); Necrotising hepatopancreatitis; Baculoviral midgut gland necrosis.

c/ Although *Perkinsus olseni* and *P. altanticus* 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 occur.

* OIE notifiable diseases
a/ Please use the following symbols :
    +   Disease reported or known to be present
    +?   Serological evidence and/or isolation of causative agent
       but no clinical diseases
    ?   Suspected by reporting officer but presence not confirmed
  +()   Occurrence limited to certain zones

   ***   No information available
0000   Never reported
   -   Not reported (but disease is known to occur)
(year) Year of last occurrence

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1. Epidemiological comments :

Comment No.	Comments
1	In December a batch of Green Grouper fry (20 days-old) that had been imported from Taiwan to a fish research facility showed high mortality over a 2 day period. Virus culture in SB cells and PCR testing gave positive results for SJNNV and RGNNV nodaviruses.
2	No further White Spot Syndrome Virus cases reported for the reporting period.
3	In October, high mortality (> 90%) was detected over a 5 day period in young Giant Grouper (12-13 cm) that had been recently imported from Taiwan (2 days previously) to a Hong Kong fish farm. Giant Grouper iridovirus disease was diagnosed by pathological examination and PCR testing.
4	No further cases reported.

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