

QUARTERLY AQUATIC ANIMAL DISEASE REPORT

COUNTRY : Hong Kong SAR, CHINA

Period : July - September 2003

| Item   | Disease status <sup>a/</sup> |        |           | Level of Diagnosis | Epidemiological Comment Numbers |
|--|------------------------------|--------|-----------|--------------------|---------------------------------|
|  | July                         | August | September |                    |                                 |
| Diseases prevalent in some parts of the region   |                              |        |           |                    |                                 |
| <b>Finfish 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. 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                |                                 |
| <b>Mollusc Diseases</b>  |                              |        |           |                    |                                 |
| 1. Bonamiosis ( <i>B. exitiosus</i> , <i>B. ostreae</i> , <i>B. roughleyi</i> )*   | 0000                         | 0000   | 0000      | II                 |                                 |
| 2. Marteiliosis ( <i>Marteilia refringens</i> , <i>M. sydneyi</i> )*   | 0000                         | 0000   | 0000      | II                 |                                 |
| 3. Microcystosis ( <i>Mikrocytos mackini</i> )*  | 0000                         | 0000   | 0000      | II                 |                                 |
| 4. Perkinsosis ( <i>Perkinsus marinus</i> , <i>P. olsenii/atlanticus</i> <sup>b/</sup> )*  | 0000                         | 0000   | 0000      | II                 |                                 |
| 5. MSX disease ( <i>Haplosporidium nelsoni</i> )*  | 0000                         | 0000   | 0000      | II                 |                                 |
| <b>Crustacean Diseases</b>   |                              |        |           |                    |                                 |
| 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                 |                                 |
| <b>Diseases presumed exotic to the region, but reportable to the OIE</b>   |                              |        |           |                    |                                 |
| <b>Finfish Diseases</b>  |                              |        |           |                    |                                 |
| 1. Spring viraemia of carp*  | 0000                         | 0000   | 0000      | III                |                                 |
| <b>Any other diseases of importance<sup>b/</sup></b>   |                              |        |           |                    |                                 |
| 1. Grouper iridoviral disease  | +                            | +      | -         | III                | 3                               |
| 2. Epitheliocystis   | +?(2002)                     |        |           | II                 | 4                               |
| <b>Unknown diseases of serious nature</b>  |                              |        |           |                    |                                 |
| 1. Koi mass mortality  | 0000                         | 0000   | 0000      | II                 |                                 |
| 2. Akoya oyster disease  | 0000                         | 0000   | 0000      | II                 |                                 |
| <p><b>b/</b> In particular, these include the following diseases:</p> <p><b>Finfish</b> : Channel catfish virus disease; Infectious salmon anaemia; Piscirickettsiosis; Epitheliocystis; Gyrodactylosis (<i>Gyrodactylus salaris</i>); Enteric septicaemia of catfish; White sturgeon iridoviral disease; Grouper iridoviral disease.</p> <p><b>Molluscs</b> : Withering syndrome of abalones (<i>Candidatus Xenohaliotis californiensis</i>); SSO disease (<i>Haplosporidium costale</i>); Marteilioides infection (<i>Marteilioides chungmuensis</i>).</p> <p><b>Crustaceans</b> : Tetrahedral baculovirus (<i>Baculovirus penaei</i>); Crayfish plague (<i>Aphanomyces astaci</i>); Necrotising hepatopancreatitis; Baculoviral midgut gland necrosis.</p> <p><b>c/</b> Although <i>Perkinsus olsenii</i> and <i>P. atlanticus</i> 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.</p> |                              |        |           |                    |                                 |

\* OIE notifiable diseases

Prepared by :

<sup>a/</sup> Please use the following symbols :

Name : Dr. TREVOR M. ELLIS

- + 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

Position : Senior Veterinary Officer

Signature : \_\_\_\_\_

Date : \_\_\_\_\_

\*\*\* No information available

Endorsed by (OIE delegate) :

0000 Never reported

Name : DR. TREVOR M. ELLIS

- Not reported (but disease is known to occur)

Signature : \_\_\_\_\_

(year) Year of last occurrence

Date : \_\_\_\_\_

1. Epidemiological comments :

| Comment No. | Comments   |
|-------------|--|
| 1           | No cases reported or detected in the July-September 2003 quarter but freedom status not established on farms reported in previous quarter.   |
| 2           | No further White Spot Syndrome Virus cases reported for the reporting period.  |
| 3           | New cases were detected in July (4) and August 2003 (1). Of these, single cases were detected in three additional fish culture zones (YSA, SKW and SLK) from an active surveillance project conducted during July and August 2003. |
| 4           | No further cases reported.   |

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