AQUATIC ANIMAL DISEASE REPORT - 2022

Item					Г	Disease status/oc	currence code a	a/c/						Epidemiologi
DISEASES PREVALENT IN THE REGION	Disease status/octurrence code a/c/ Month										Level of	cal comment		
FINFISH DISEASES	January	February	March	April	May	June	July	August	September	October	November	December	diagnosis	numbers
OIE-listed diseases				- 4		2 3322		1	Frances	221222				+
Infection with epizootic haematopoietic necrosis virus	0000	0000	0000	0000	0000	0000								
2. Infection with infectious haematopoietic necrosis virus	0000	0000	0000	0000	0000	0000								
3. Infection with spring viremia of carp virus	0000	0000	0000	0000	0000	0000								_
4. Infection with viral haemorrhagic septicaemia virus	0000	0000	0000	0000	0000	0000								_
5. Infection with Aphanomyces invadans (EUS)	0000	0000	0000	0000	0000	0000								
6. Infection with red sea bream iridovirus	(2019)	(2019)	(2019)	(2019)	(2019)	(2019)								
7. Infection with koi herpesvirus	(2019)	(2019)	(2019)	(2019)	(2019)	(2019)								
Non OIE-listed diseases	(2017)	(2017)	(2017)	(2017)	(2017)	(2017)								
8. Grouper iridoviral disease	(2014)	(2014)	(2014)	(2014)	(2014)	(2014)								_
9. Viral encephalopathy and retinopathy	(2014)	(2021)	(2014)	(2021)	(2014)	(2014)								_
10.Enteric septicaemia of catfish	***	***	***	***	***	***								
11. Carp Edema Virus Disease	***	***	***	***	***	***								+
12. Tilapia lake virus (TiLV)	0000	0000	0000	0000	0000	0000								
MOLLUSC DISEASES	0000	0000	0000	0000	0000	0000								
OIE-listed diseases									+					+
1. Infection with Bonamia exitiosa	***	***	***	***	***	***								
2. Infection with Perkinsus olseni	***	***	***	***	***	***	-		+		+			_
	***	***	***	***	***	***								
3. Infection with abalone herpesvirus	***	***	***	***	***	***								_
Infection with Xenohaliotis californiensis Infection with Bonamia ostreae	***	***	***	***	***	***								
Non OIE-listed diseases	***	***	***	***	***	***								+
	***	***	***	***	***	***								
6. Infection with Marteilioides chungmuensis	***	***	***	***	***	***								_
7. Acute viral necrosis (in scallops)	***	***	***	***	***	***								+
CRUSTACEAN DISEASES								-	-		1			
OIE-listed diseases	2222	2222	0000	2222	2000	0000								
1. Infection with Taura syndrome virus	0000	0000	0000	0000	0000	0000								_
2. Infection with white spot syndrome virus	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)								
Infection with yellow head virus genotype 1	0000	0000	0000	0000	0000	0000								_
4. Infection with infectious hypodermal and haematopoietic necrosis virus	0000	0000	0000	0000	0000	0000								
5. Infection with infectious myonecrosis virus	0000	0000	0000	0000	0000	0000								
6. Infection with Macrobrachium rosenbergii nodavirus (White Tail	***	***	***	***	***	***								
disease)	0000	0000	0000	0000	0000	0000								
7. Infection with Hepatobacter penaei (Necrotising hepatopancreatitis)	0000	0000	0000	0000	0000	0000								
Acute hepatopancreatic necrosis disease (AHPND) Infection with Aphanomyces astaci (Crayfish plague)	0000	0000	0000	0000	0000	0000								
	***	***	***	***	***	***								_
10. Infection with decapod iridescent virus 1 (DIV1)	***	***	***	***	***	***								+
Non OIE-listed diseases 11.Hepatopnacreatic Microsporidiosis caused by Enterocytozoon														
hepatopenaei (HPM-EHP)	***	***	***	***	***	***								
12. Viral covert mortality disease (VCMD) of shrimps	***	***	***	***	***	***								
13. Spiroplasma eriocheiris infection	***	***	***	***	***	***								
AMPHIBIAN DISEASES											1			
OIE-listed diseases														
1. Infection with Ranavirus species	***	***	***	***	***	***								
2. Infection with Batrachochytrium dendrobatidis	(2020)	(2020)	(2020)	(2020)	(2020)	(2020)								
3. Infection with Batrachochytrium salamandrivorans	(2018)	(2018)	(2018)	(2018)	(2018)	(2018)								

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Date: <u>13 October 2022</u>

ANY OTHER DISEASES OF IMPORTANCE											
1 Infection with Scale Drop Disease Virus	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)					
2 Infection with Big Belly bacterium	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)					
3 Infection with Lymphocystis virus	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)					
4 Infection with Nocardia sp.	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)					
5 Infection with Streptococcus iniae	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)					
6 Infection with Tenacibaculum sp.	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)					
7 Infection with Lates Calcarifer Herpesvirus	(2021)	(2021)	(2021)	(2021)	(2021)	(2021)					
8 Infection with Lates Calcarifer Birnavirus	(2019)	(2019)	(2019)	+	(2022)	(2022)				III	1

DISEASES PRESUMED EXOTIC TO THE REGION^b

LISTED BY THE OIE

Finfish: Infection with HPR-deleted or HPR0 salmon anaemia virus; Infection with salmon pancreas disease virus;

Infection with Gyrodactylus salaris.

Molluscs: Infection with Marteilia refringens; Perkinsus marinus.

NOT LISTED BY THE OIE

Finfish: Channel catfish virus disease

<u>a</u>/ Please use the following occurrence code:

Occurrence code and	Definition	Occurrence code and symbol	<u>Definition</u>		
symbol	·				
Disease present +	The disease is present with clinical signs in the whole country (in domestic species or wildlife)	Disease absent	The disease was absent in the country during the		
I	The disease is present with clinical signs, and limited to one	-	reporting period (in domestic species or wildlife).		
or more zones +()	or more zones/compartments (in domestic species or wildlife)	Never reported 0000	The disease has "never been reported" (historically absent) for the whole country in domestic species and		
Infection/infestation +?	Confirmed infestation or infection using diagnostic tests, but no clinical signs observed (in domestic species or wildlife)	0000	wildlife.		
Infection/infestation limited to one or more zones +?()	Confirmed infestation or infection using diagnostic tests, but no clinical signs observed and limited to one or more zones/compartments (in domestic species or wildlife)	No information ***	No information is available regarding the presence or the absence of this disease during the reporting period (in domestic species or wildlife).		
Disease suspected ? Disease suspected but	The presence of the disease was suspected but not confirmed (in domestic species or wildlife)				
not confirmed and	The presence of the disease was suspected but not confirmed				
1	and limited to one or more zones/compartments (in domestic				
zones ?()	species or wildlife)				
b/ If there is any changes on historical data, please highlight in RED					

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	Lates Calcarifer Birnavirus (LCBV) was detected by PCR in one batch of Asian seabass fish submitted by a fish farm with a history of low-grade mortalities. Post-mortem and histopathological examination revealed mild inflammatory lesions in various organs. The submitter was informed of the detection.				
2					
3					
4					
5					
2. New aquatic anim	nal health regulations introduced within past six months (with effective date):				