

AQUATIC ANIMAL DISEASE REPORT - 2024

Country/territory: Chinese Taipei

Item	Disease status/occurrence code a/c/												Level of diagnosis	Epidemiological comment numbers
	Month													
DISEASES PREVALENT IN THE REGION	January	February	March	April	May	June	July	August	September	October	November	December		
FINFISH DISEASES														
WOAH-listed diseases														
1. Infection with epizootic haematopoietic necrosis virus	***	***	***	***	***	***	***	***						
2. Infection with infectious haematopoietic necrosis virus	***	***	***	***	***	***	***	***						
3. Infection with spring viremia of carp virus	***	***	***	***	***	***	***	***						
4. Infection with viral haemorrhagic septicaemia virus	***	***	***	***	***	***	***	***						
5. Infection with <i>Aphanomyces invadans</i> (EUS)	-	-	-	-	-	+	-	-					I & II & III	6
6. Infection with red sea bream iridovirus	-	+	+	+	+	+	+	+					I & III	3
7. Infection with koi herpesvirus	-	-	-	-	-	-	-	-						
8. Infection with tilapia lake virus	-	-	-	-	-	-	-	-						
Non WOAH-listed diseases														
9. Grouper iridoviral disease	-	-	-	+	-	-	-	-					I & III	4
10. Viral encephalopathy and retinopathy	+	+	+	+	+	+	+	+					I & III	2
11. Enteric septicaemia of catfish	***	***	***	***	***	***	***	***						
12. Carp edema virus disease	-	-	-	-	-	-	-	-						
MOLLUSC DISEASES														
WOAH-listed diseases														
1. Infection with <i>Bonamia exitiosa</i>	***	***	***	***	***	***	***	***						
2. Infection with <i>Perkinsus olseni</i>	-	-	-	-	-	-	-	-						
3. Infection with abalone herpesvirus	-	-	-	-	-	-	-	-						
4. Infection with <i>Xenohaliotis californiensis</i>	***	***	***	***	***	***	***	***						
5. Infection with <i>Bonamia ostreae</i>	***	***	***	***	***	***	***	***						
Non WOAH-listed diseases														
6. Infection with <i>Marteilioides chungmuensis</i>	***	***	***	***	+	-	-	-					I & II & III	5
7. Acute viral necrosis (in scallops)	***	***	***	***	***	***	***	***						
CRUSTACEAN DISEASES														
WOAH-listed diseases														
1. Infection with Taura syndrome virus	-	-	-	-	-	-	-	-						
2. Infection with white spot syndrome virus	+	-	-	+	-	-	-	-					I & III	1
3. Infection with yellow head virus genotype 1	-	-	-	-	-	-	-	-						
4. Infection with infectious hypodermal and haematopoietic necrosis virus	-	-	-	-	-	-	-	-						
5. Infection with infectious myonecrosis virus	***	***	***	***	***	***	***	***						
6. Infection with <i>Macrobrachium rosenbergii</i> nodavirus (White Tail disease)	-	-	-	-	-	-	-	-						
7. Infection with <i>Hepatobacter penaei</i> (Necrotising hepatopancreatitis)	***	***	***	***	***	***	***	***						
8. Acute hepatopancreatic necrosis disease (AHPND)	-	-	-	-	-	-	-	-						
9. Infection with <i>Aphanomyces astaci</i> (Crayfish plague)	-	-	-	-	-	-	-	-						
10. Infection with decapod iridescent virus 1 (DIV1)	-	-	-	-	-	-	-	-						
Non WOAH-listed diseases														
11. Hepatopancreatic Microsporidiosis caused by <i>Enterocytozoon hepatopenaei</i> (HPM-EHP)	-	-	-	-	-	+	-	-					I & III	7
12. Viral covert mortality disease (VCMD) of shrimps	***	***	***	***	***	***	***	***						
13. <i>Spiroplasma eriocheiris</i> infection	***	***	***	***	***	***	***	***						
AMPHIBIAN DISEASES														
WOAH-listed diseases														
1. Infection with <i>Ranavirus</i> species	-	-	-	-	-	-	-	-						
2. Infection with <i>Batrachochytrium dendrobatidis</i>	***	***	***	***	***	***	***	***						
3. Infection with <i>Batrachochytrium salamandrivorans</i>	***	***	***	***	***	***	***	***						

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Position: D.V.M. Specialist

Date: September, 2024

ANY OTHER DISEASES OF IMPORTANCE

1																				
2																				

DISEASES PRESUMED EXOTIC TO THE REGION^b

LISTED BY THE WOA^H

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 WOA^H

Finfish: Channel catfish virus disease

^{a/} Please use the following occurrence code:

<u>Occurrence code and symbol</u>	<u>Definition</u>	<u>Occurrence code and symbol</u>	<u>Definition</u>
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 reporting period (in domestic species or wildlife).
Disease limited to one or more zones +()	The disease is present with clinical signs, and limited to one 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 wildlife.
Infection/infestation +?	Confirmed infestation or infection using diagnostic tests, but no clinical signs observed (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).
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)		
Disease suspected ?	The presence of the disease was suspected but not confirmed (in domestic species or wildlife)		
Disease suspected but not confirmed and limited to one or more zones ?()	The presence of the disease was suspected but not confirmed and limited to one or more zones/compartments (in domestic 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	<p>1. Pingtung County. 2 outbreak reports from 2 farms. 2. Date: (1) Jan 24, (2) Apr 1. 3. Species: (1), (2) <i>Litopenaeus vannamei</i>. 4. Mortality rate: low to high. 5. Total number of death: (1) 5000/10278, (2) 76/500000.</p>
2	<p>1. Pingtung County, Yilan County, Taitung County. 19 outbreak reports from 19 farms. 2. Date: (1) Jan 16, (2) Jan 17, (3) Feb 5, (4) Feb 17, (5), (6) Mar 1, (7) Mar 7, (8) Apr 3, (9) May 23, (10), (11) Jun 17, (12) Jul 5, (13) Jul 9, (14), (15) Aug 19, (16) Aug 28, (17) Aug 29, (18), (19) Aug 30. 3. Species: (1), (2), (3), (5), (6), (7), (9), (10), (11), (12), (14), (15), (16), (18), (19) <i>Epinephelus fuscoguttatus</i> x <i>Epinephelus lanceolatus</i>, (4) <i>Lates calcarifer</i>, (8) <i>Lutjanus erythropterus</i>, (13) <i>Tilapia(Oreochromis niloticus)</i>, (17) <i>Epinephelus coioides</i>. 4. Mortality rate: low to moderate. 5. Total number of death: (1) 6500/24000, (2) 3000/72000, (3) 2700/41700, (4) 100/37000, (5) 1/12500, (6) 3000/50000, (7) 1000/40000, (8) 2700/100000, (9) 180/60000, (10) 1500/130000, (11) 3000/50000, (12) 1800/50000, (13) 1000/240000, (14) 1500/35000, (15) 15/400000, (16) 160/90000, (17) 6300/60000, (18) 60/15000, (19) 3600/50000.</p>
3	<p>1. Pingtung County, Changhua County, Chiayi County. 57 outbreak reports from 57 farms. 2. Date: (1) Feb 19, (2) Mar 7, (3) Apr 1, (4) Apr 2, (5) Apr 3, (6) Apr 12, (7) Apr 23, (8), (9) Apr 24, (10), (11) May 3, (12), (13) May 7, (14) May 9, (15), (16), (17), (18), (19) May 22, (20), (21), (22), (23), (24), (25), (26), (27), (28), (29), (30) May 24, (31) May 27, (32) May 29, (33), (34), (35), (36), (37), (38), (39) May 31, (40), (41), (42), (43), (44), (45) Jun 3, (46), (47), (48), (49) Jun 7, (50) Jun 21, (51) Jun 26, (52) Jul 19, (53) Aug 16, (54) Aug 21, (55), (56) Aug 29, (57) Aug 30. 3. Species: (1), (2), (4), (5), (6), (7), (8), (10), (11), (12), (13), (14), (15), (16), (17), (18), (19), (20), (21), (22), (23), (25), (26), (27), (28), (29), (30), (31), (32), (33), (34), (35), (36), (37), (38), (39), (40), (41), (42), (43), (44), (45), (46), (47), (48), (49), (50), (52), (54), (55), (56) <i>Lates calcarifer</i>, (3), (9), (51), (53), (57) <i>Epinephelus fuscoguttatus</i> x <i>Epinephelus lanceolatus</i>, (24) <i>Acanthopagrus schlegelii</i>. 4. Mortality rate: low to high. 5. Total number of death: (1) 77000/77000, (2) 180/20000, (3) 3000/46000, (4) 750/40000, (5) 800/30000, (6) 2/12000, (7) 3/140000, (8) 3000/30000, (9) 1500/30000, (10) 2/50000, (11) 2/50000, (12) 1/7000, (13) 1/28000, (14) 35840/510000, (15) 2/90000, (16) 10/130000, (17) 1/50000, (18) 1/27000, (19) 1/20000, (20) 2/38001, (21) 1/13000, (22) 1/35000, (23) 1/20000, (24) 1/50000, (25) 2/82000, (26) 4/130000, (27) 6/29000, (28) 1/40000, (29) 1/25000, (30) 2/32000, (31) 14000/200000, (32) 1/25000, (33) 1/45000, (34) 1/15000, (35) 1/20000, (36) 2/78000, (37) 3/76000, (38) 1/50000, (39) 2/23000, (40) 1/20000, (41) 3/30000, (42) 1/30000, (43) 4/73000, (44) 3/53000, (45) 3/50000, (46) 1/30000, (47) 3/110000, (48) 1/40000, (49) 5/26000, (50) 7100/65000, (51) 2100/70000, (52) 800/88000, (53) 3500/35900, (54) 150/50000, (55) 400/30000, (56) 2500/22000, (57) 130/30000.</p>
4	<p>1. Pingtung County. 1 outbreak report from 1 farm. 2. Date: (1) Apr 24. 3. Species: (1) <i>Epinephelus fuscoguttatus</i> x <i>Epinephelus lanceolatus</i>. 4. Mortality rate: low. 5. Total number of death: (1) 150/16000.</p>
5	<p>1. Tainan City. 1 outbreak report from 1 farm. 2. Date: (1) May 7. 3. Species: (1) <i>Crassostrea angulata</i>. 4. Mortality rate: high. 5. Total number of death: (1) 550000/1100000.</p>
6	<p>1. Yilan County. 1 outbreak report from 1 farm. 2. Date: (1) Jun 14. 3. Species: (1) <i>Plecoglossus altivelis</i>. 4. Mortality rate: low. 5. Total number of death: (1) 100/100000.</p>
7	<p>1. Pingtung County. 1 outbreak report from 1 farm. 2. Date: (1) Jun 7. 3. Species: (1) <i>Litopenaeus vannamei</i>. 4. Mortality rate: low. 5. Total number of death: (1) 10/60000.</p>
<p>2. New aquatic animal health regulations introduced within past six months (with effective date):</p>	