

AHC Case: 2008-1783.xls 2008 Juvenile Pink Salmon health study: sample #2 (late April, 2008)
 Pathologist: Gary D. Marty Preliminary results: before sea lice status revealed
 Abbreviations used: PCR results are on case 2008-1671

NP = appropriate tissue not present in sections

Slide label = Animal Health Centre slide label (all have 3-4 step sections)

Atly = intestinal autolysis; ranked as none/min (0), mild (1), mod (2), or sev (3)

art = sectioning artefact; ranked as none (0), mild (1), mod (2), or sev (3)

sex = gonad; listed as male (M), female (F), intersex (I), or unknown/undifferentiated (U)

GLY = hepatic glycogen; ranked as none (0), min (1), mod (2), abundant (3)

YOLK = status of yolk and yolk sac

ranked as none (0), yolk sac only (1), minimal yolk (2), or abundant yolk (3)

FAT = mesenteric adipose tissue (scored as GLY)

GIF = gastrointestinal food (i.e., recognizable food particles in gi tract)

amount ranked as none (0), min (1), moderate (2), OR abundant (3)

Lesion scores: none (0), mild (1), moderate (2), or severe (3)

sea lice presence = absent (0) or present (1)

HHD = hepatocellular hydropic degeneration

MDN = myofibre degeneration and/or necrosis

MYX = tubular or glomerular myxosporean (probable *Sphae*

RTN = renal tubular necrosis

TPR = renal tubular epithelial protein droplets

LIP = hepatocellular fatty change (lipidosis)


MEG = hepatocellular megalocytosis

CHP = cholangiohepatitis

YSI = yolk sacculitis

BHM = Brain hemorrhage (includes meninges)

TMT = trematode (digenetic), gastrointestinal

 = good example of microscopic findings

#	original order	Cassette label	Slide label	AHC body (g) weight	Quality Control		sex	Physiologic condition				HHD	MDN	MYX	RTN	TPR	LIP	MEG	CHP	YSI	BHM	TMT
					Atly	art		GLY	YOLK	FAT	GIF											
1	1	08PS-04-1	8-1783-04-1	0.2	1	1	F	2	2	3	2	0	0	0	0	0	0	0	0	0	1	1
2	2	08PS-04-2	8-1783-04-2	0.3	2	1	F	1	0	1	2	0	0	0	0	1	1	0	0	0	0	0
3	3	08PS-04-3	8-1783-04-3	0.2	3	1	M	1	1	1	3	0	0	0	0	1	0	0	0	0	0	0
4	4	08PS-04-4	8-1783-04-4	0.2	2	1	F	0	1	3	3	0	0	0	0	0	1	0	0	0	0	0
5	5	08PS-04-5	8-1783-04-5	0.2	2	1	M	0	0	1	2	0	0	0	0	0	1	0	0	0	0	1
6	6	08PS-04-6	8-1783-04-6	0.3	3	1	M	1	1	0	3	0	0	0	0	0	1	0	0	0	0	1
7	7	08PS-04-7	8-1783-04-7	0.2	1	1	M	0	1	3	3	0	0	0	0	0	1	0	0	0	0	0
8	8	08PS-04-8	8-1783-04-8	0.3	2	1	F	1	0	1	3	0	0	0	0	0	1	0	0	0	0	0
9	9	08PS-04-9	8-1783-04-9	0.2	2	1	M	1	0	2	2	0	0	0	0	0	0	0	0	0	1	1
10	10	08PS-04-10	8-1783-04-10	0.8	3	1	M	1	0	3	1	0	1	0	0	0	1	0	0	0	0	1
11	11	08PS-04-11	8-1783-04-11	0.2	1	1	F	2	1	3	2	0	0	0	0	0	0	0	0	0	0	1
12	12	08PS-04-12	8-1783-04-12	0.2	1	1	F	1	3	3	2	0	0	0	0	0	0	0	0	0	0	0
13	13	08PS-04-13	8-1783-04-13	0.2	2	1	M	1	1	3	2	0	0	0	0	0	1	0	0	0	1	0
14	14	08PS-04-14	8-1783-04-14	0.2	3	1	F	0	1	2	3	0	0	0	0	0	1	0	0	0	0	0
15	15	08PS-04-15	8-1783-04-15	0.3	2	1	M	0	1	3	2	0	0	0	0	0	1	0	0	0	0	1
16	16	08PS-05-1	8-1783-05-1	0.3	2	1	M	0	1	3	2	0	0	0	0	0	1	0	0	0	0	1
17	17	08PS-05-2	8-1783-05-2	0.6	2	1	F	0	0	3	3	0	0	0	0	0	1	0	0	0	0	1
18	18	08PS-05-3	8-1783-05-3	1.0	2	1	F	2	1	3	3	0	0	0	0	1	0	0	0	0	0	1
19	19	08PS-05-4	8-1783-05-4	0.6	2	1	M	0	1	1	3	0	0	0	0	0	1	0	0	0	0	0
20	20	08PS-05-5	8-1783-05-5	0.6	2	1	F	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0
21	21	08PS-05-6	8-1783-05-6	0.6	2	1	F	1	1	2	2	0	0	0	0	0	0	0	0	0	0	1
22	22	08PS-05-7	8-1783-05-7	0.2	2	1	F	2	1	3	3	0	0	0	0	0	0	0	0	0	0	0
23	23	08PS-05-8	8-1783-05-8	0.3	2	1	M	2	1	1	3	0	0	0	0	0	0	0	0	0	0	2
24	24	08PS-05-9	8-1783-05-9	0.6	2	1	F	1	1	3	3	0	0	1	0	0	0	0	0	0	0	1

#	order	label	Slide label	weight	Atly	art	sex	GLY	YOLK	FAT	GIF	HHD	MDN	MYX	RTN	TPR	LIP	MEG	CHP	YSI	BHM	TMT
25	25	08PS-05-10	8-1783-05-10	0.3	2	1	M	2	1	1	3	0	0	0	0	0	0	0	0	0	0	0
26	26	08PS-05-11	8-1783-05-11	0.5	2	1	M	1	1	2	3	0	0	0	0	0	0	0	0	0	0	0
27	27	08PS-05-12	8-1783-05-12	0.4	3	1	F	1	1	1	3	0	0	0	0	1	0	0	0	0	0	1
28	28	08PS-05-13	8-1783-05-13	0.4	3	1	M	1	1	2	3	0	0	0	0	1	0	0	0	0	0	1
29	29	08PS-05-14	8-1783-05-14	0.5	2	1	M	1	1	2	3	0	0	0	0	0	0	0	0	0	0	0
30	30	08PS-05-15	8-1783-05-15	0.6	2	1	F	2	1	1	3	0	0	0	0	1	0	0	0	0	0	1
31	31	08PS-06-1	8-1783-06-1	0.4	2	1	F	0	1	3	3	0	0	1	0	0	1	0	0	0	0	0
32	32	08PS-06-2	8-1783-06-2	0.2	1	1	F	3	1	3	3	0	0	0	0	0	0	0	0	0	0	0
33	33	08PS-06-3	8-1783-06-3	0.5	2	1	M	0	1	3	3	0	0	2	0	0	1	0	0	0	0	0
34	34	08PS-06-4	8-1783-06-4	0.6	2	1	M	1	1	3	3	0	1	0	0	0	1	0	0	0	0	0
35	35	08PS-06-5	8-1783-06-5	0.3	2	1	M	3	1	3	3	0	0	0	0	0	0	0	0	0	0	0
36	36	08PS-06-6	8-1783-06-6	0.5	1	1	M	0	1	3	3	0	0	0	0	0	1	0	0	0	0	0
37	37	08PS-06-7	8-1783-06-7	0.3	2	1	F	1	2	3	2	0	0	0	0	0	0	0	0	0	0	0
38	38	08PS-06-8	8-1783-06-8	0.4	2	1	M	1	1	3	2	0	0	0	0	1	0	0	0	0	0	1
39	39	08PS-06-9	8-1783-06-9	0.4	2	1	M	0	1	3	3	0	0	0	0	1	1	0	0	0	0	1
40	40	08PS-06-10	8-1783-06-10	0.3	2	1	F	1	1	3	3	0	0	2	0	0	0	0	0	0	0	1
41	41	08PS-06-11	8-1783-06-11	0.3	2	1	F	3	2	3	2	0	0	0	0	0	0	0	0	0	0	0
42	42	08PS-06-12	8-1783-06-12	0.3	2	1	F	3	1	3	2	0	0	0	0	0	0	0	0	0	0	0
43	43	08PS-06-13	8-1783-06-13	0.2	2	1	F	3	2	3	2	0	0	0	0	0	0	0	0	0	0	0
44	44	08PS-06-14	8-1783-06-14	0.2	2	1	F	3	1	3	3	0	0	0	0	0	0	0	0	0	0	0
45	45	08PS-06-15	8-1783-06-15	0.3	2	1	M	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0
46	46	08PS-07-1	8-1783-07-1	0.7	3	1	NP	0	1	2	3	0	1	0	0	0	1	0	0	0	0	1
47	47	08PS-07-2	8-1783-07-2	0.6	3	1	F	1	0	3	3	0	0	1	0	1	1	0	0	0	0	0
48	48	08PS-07-3	8-1783-07-3	0.4	3	1	F	0	0	2	3	0	0	1	0	0	1	0	0	0	0	1
49	49	08PS-07-4	8-1783-07-4	0.8	3	1	M	0	0	3	2	0	0	0	0	0	1	0	0	0	0	1
50	50	08PS-07-5	8-1783-07-5	0.4	2	1	F	0	0	1	3	0	0	0	0	1	1	0	0	0	0	1
51	51	08PS-07-6	8-1783-07-6	0.5	2	1	M	0	1	1	3	0	0	0	0	1	1	0	0	0	0	1
52	52	08PS-07-7	8-1783-07-7	0.5	2	1	F	0	1	2	3	0	1	0	0	0	1	0	0	0	0	1
53	53	08PS-07-8	8-1783-07-8	0.9	3	1	F	0	0	3	3	0	1	0	0	0	1	0	0	0	0	1
54	54	08PS-07-9	8-1783-07-9	0.5	3	1	F	0	1	2	3	0	0	0	0	0	1	0	0	0	0	0
55	55	08PS-07-10	8-1783-07-10	0.4	2	1	F	0	1	3	3	0	0	0	0	0	1	0	0	0	0	1
56	56	08PS-07-11	8-1783-07-11	0.4	3	1	F	1	1	2	2	0	1	0	0	0	1	0	0	0	0	1
57	57	08PS-07-12	8-1783-07-12	0.3	2	1	F	1	1	1	2	0	0	0	0	0	1	0	0	0	0	0
58	58	08PS-07-13	8-1783-07-13	0.2	3	1	F	0	1	1	3	0	0	0	0	0	1	0	0	0	0	1
59	59	08PS-07-14	8-1783-07-14	0.3	3	1	M	0	1	1	3	0	0	0	0	0	1	0	0	0	0	1
60	60	08PS-07-15	8-1783-07-15	0.7	3	1	F	0	1	3	3	0	0	0	0	1	1	0	0	0	0	1
61	61	08PS-08-1	8-1783-08-1	0.1	2	1	M	1	1	3	2	0	0	0	0	0	0	0	0	0	0	0
62	62	08PS-08-2	8-1783-08-2	0.3	3	1	M	2	1	1	2	0	0	0	0	1	0	0	0	0	0	1
63	63	08PS-08-3	8-1783-08-3	0.2	1	1	M	2	1	3	1	0	0	0	0	0	0	0	0	0	0	0
64	64	08PS-08-4	8-1783-08-4	0.2	1	1	M	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0
65	65	08PS-08-5	8-1783-08-5	0.3	2	1	M	1	1	1	2	0	0	0	0	0	0	0	0	0	0	0
66	66	08PS-08-6	8-1783-08-6	0.2	2	1	M	1	0	3	2	0	0	0	0	1	0	0	0	0	0	1
67	67	08PS-08-7	8-1783-08-7	0.3	2	1	F	2	1	1	3	0	0	0	0	0	0	0	0	0	1	0

#	order	label	Slide label	weight	Atly	art	sex	GLY	YOLK	FAT	GIF	HHD	MDN	MYX	RTN	TPR	LIP	MEG	CHP	YSI	BHM	TMT
68	68	08PS-08-8	8-1783-08-8	0.1	2	1	F	0	1	0	2	0	0	0	0	0	0	1	0	0	0	0
69	69	08PS-08-9	8-1783-08-9	0.2	3	1	M	1	1	2	3	0	0	0	0	1	0	0	0	0	0	0
70	70	08PS-08-10	8-1783-08-10	0.2	2	1	F	2	1	3	2	0	0	0	0	0	0	0	0	0	0	0
71	71	08PS-08-11	8-1783-08-11	0.2	2	1	M	2	1	3	2	0	0	0	0	0	0	0	0	0	0	0
72	72	08PS-08-12	8-1783-08-12	0.2	2	1	M	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0
73	73	08PS-08-13	8-1783-08-13	0.3	2	1	M	1	2	3	2	0	0	0	0	0	0	0	0	0	0	0
74	74	08PS-08-14	8-1783-08-14	0.3	2	1	F	2	1	1	2	0	0	0	0	0	0	0	0	0	0	1
75	75	08PS-08-15	8-1783-08-15	0.2	2	1	M	0	1	2	2	0	0	0	0	0	0	0	0	0	0	0
Mean				0.4																		
#M 36				Min	0.1	1.0	1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
#F 38				Max	1.0	3.0	1.0	3	3	3	3	0	1	2	0	1	1	1	0	0	1	2

rospora sp.)

Comments
capillary congestion in mesenteric adipose tissue (Dl

hemorrhage in eye (first section), mild;

face-like section of TMT in DL1; stomach contents in
MYX in a single tubule in DL2;

Comments

MYX in DL1;

renal tubular epithelial vacuolation, moderate (probal

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hexagonal biological structure in GID (30 x 116.5)

Comments

MEG in DL2 (26.5 x 113.3)