

[Signature]

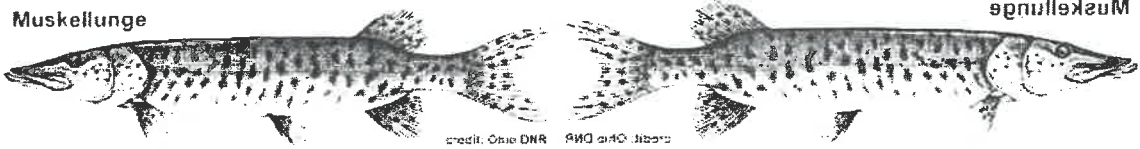
Necropsy recording form

**WAE TANK 11 SLFH**

Lab data book/page(s): WAE#1/1 File folder: 86 Page 1 of 10  
 Proofed: 22 FEB 12 SJS Reviewed: CMM 10 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

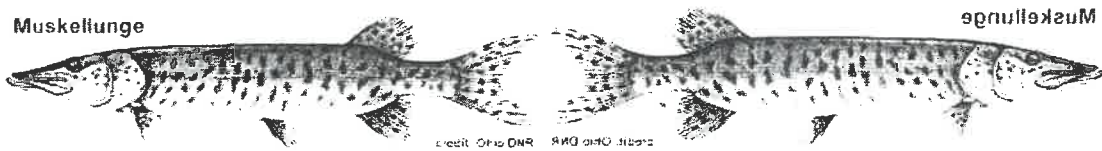
Fish ID T11001 Weight 7.4 grams Length 10.3 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF		<u>DM</u>
A/S (asymptomatic)		Recorded by:
		<u>DM</u>

XX

Fish ID T11002 Weight 6.7 grams Length 9.7 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF		<u>DM</u>
A/S		Recorded by:
		<u>DM</u>

Pre treatment



Necropsy recording form **WAE-TANK 13** **SLFH**

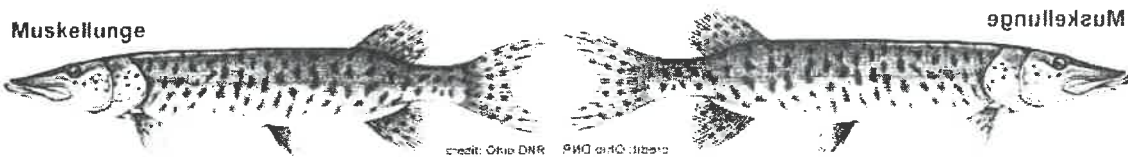
Lab data book/page(s): WAE #11 File folder: 86  
Proofed: 22 FEB 12 SUS Reviewed: CMM 10 MAR 15

Page 23 of 910

add'l  
pgs:  
found  
30 JAN 12  
SUS

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

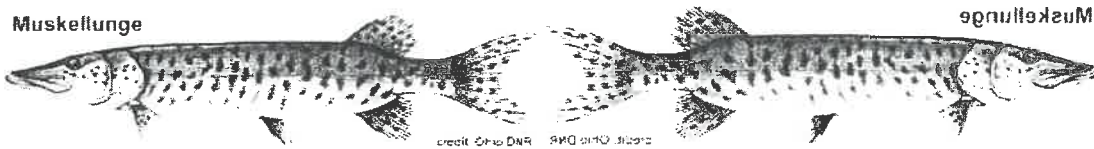
Fish ID T13001 Weight 9.8 grams Length 10.8 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF  A/S		DM
		Recorded by: DM

XX

Fish ID T13002 Weight 8.4 grams Length 10.6 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF  A/S		DM
		Recorded by: DM

*[Signature]*

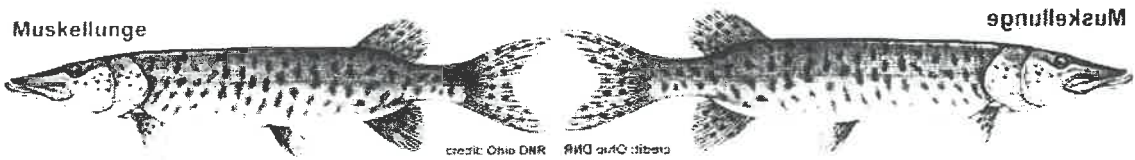
Necropsy recording form **WAE-TANK 14 SLFH**

Lab data book/page(s): WAE#1/1 File folder: 86 Page 3 of 910 *add'l pg: found 30 JAN 11 SMS*

Proofed: 22 FEB 12 / SAS Reviewed: CMY 10 MAR 15 4

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

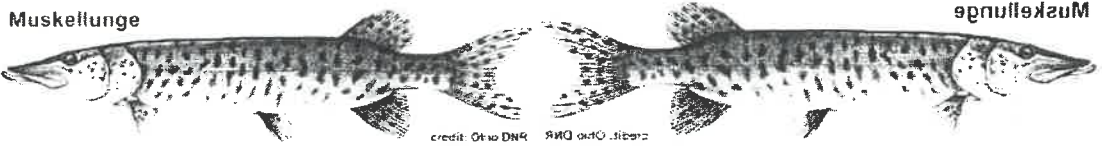
Fish ID T14001 Weight 8.3 grams Length 10.6 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF  A/S		DM
		Recorded by: DM

XX

Fish ID T14002 Weight 9.2 grams Length 10.6 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF  A/S		DM
		Recorded by: DM

Necropsy recording form **TANK 15 - WAE SLFH**

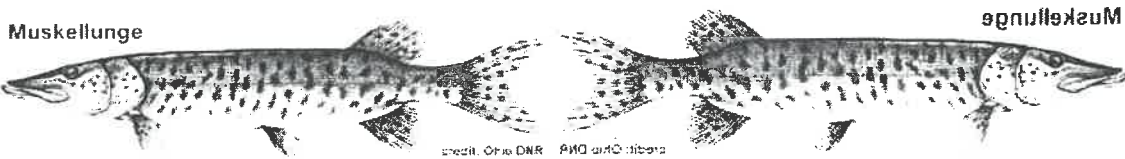
Lab data book/page(s): WAE #1/1 File folder: 86

Page 4 of 9 add'l pg: 5 10 found. 30 JAN 12 2011

Proofed: 22 FEB 12 / 5715 Reviewed: CMM 10 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

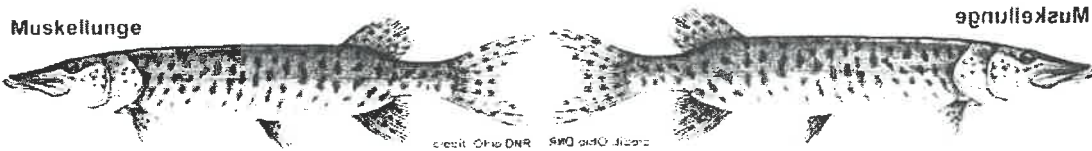
Fish ID T15001 Weight 6.3 grams Length 9.5 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF  A/S		DM
		Recorded by:
		DM

XX

Fish ID T15002 Weight 11.6 grams Length 11.4 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF  A/S		DM
		Recorded by:
		DM





*[Signature]*

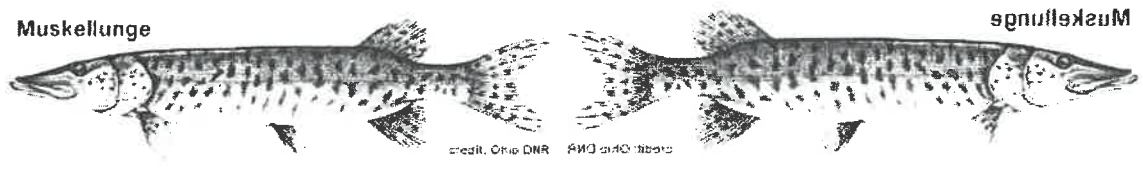
Necropsy recording form **WAE-TANK 17**

**SLFH**

Lab data book/page(s): WAE #11 File folder: 86 Page 6 of 9 <sup>add'l</sup> pg :  
 Proofed: 22 FEB 12 SMS Reviewed: Cum 10 MAR 15 7 10 <sup>found</sup> SMS 30 JAN 11

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

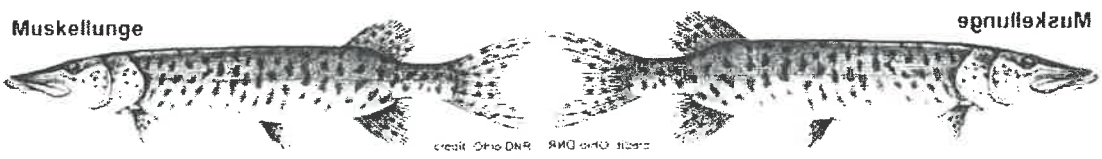
Fish ID T17001 Weight 7.4 grams Length 10.2 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF  AS		DM
		Recorded by: DM

XX

Fish ID T17002 Weight 9.5 grams Length 10.7 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF  AS		DM
		Recorded by: DM

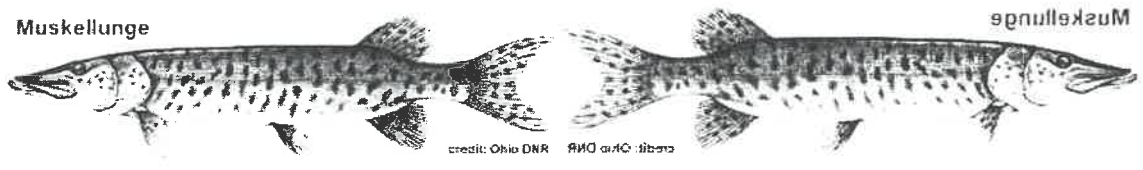
*DM*

Necropsy recording form **WAE-TANK 18** **SLFH**

Lab data book/page(s): WAE #1/1 File folder: 86 Page 7 of 9 add'l pg. 8 10 found: 30 JAN 2015  
 Proofed: 22 FEB 12 SMS Reviewed: DM 10 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

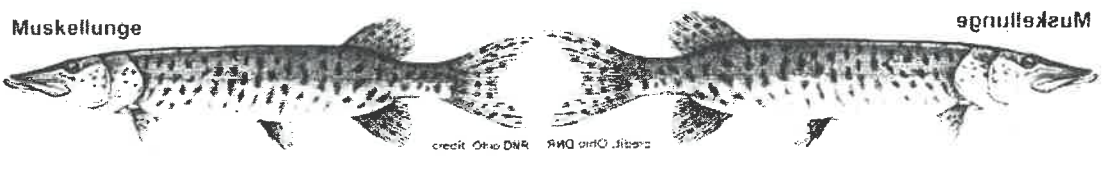
Fish ID T18001 Weight 9.0 grams Length 10.6 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF A/S		DM
		Recorded by: DM

XX

Fish ID T18002 Weight 10.0 grams Length 10.9 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF A/S		DM
		Recorded by: DM



Necropsy recording form **WAE - TANK 19**

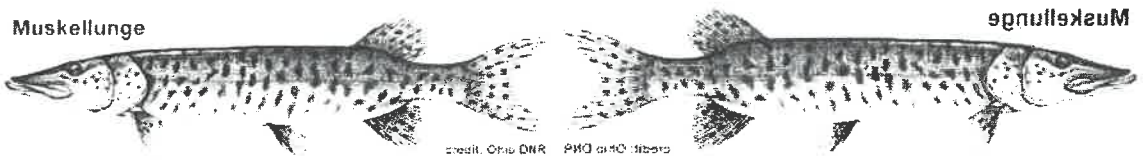
**SLFH**

Lab data book/page(s): WAE #1/1 File folder: 8b  
 Proofed: 22 FEB 12 SUS Reviewed: CMM 10 MAR 15

Page 8 of 9 <sup>add'l</sup> 10 pg:  
9 <sub>found</sub>  
30 JAN 12 SUS

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

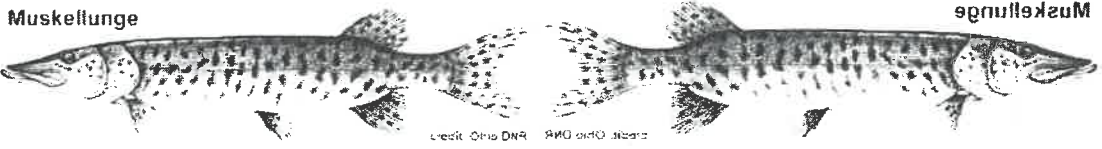
Fish ID T19001 Weight 9.9 grams Length 10.9 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF AS		DM
		Recorded by: DM

XX

Fish ID T19002 Weight 12.1 grams Length 11.9 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF AS		DM
		Recorded by: DM

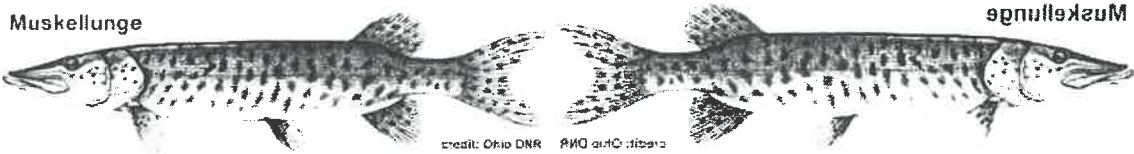
Necropsy recording form WAE-TANK 20

SLFH

Lab data book/page(s): WAE#1/1 File folder: 86 Page 9 of 910  
 Prooved: 22 FEB 12 SWS Reviewed: CMM 10 MAR 15 10  
 add'd pg: found 3036N128N

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

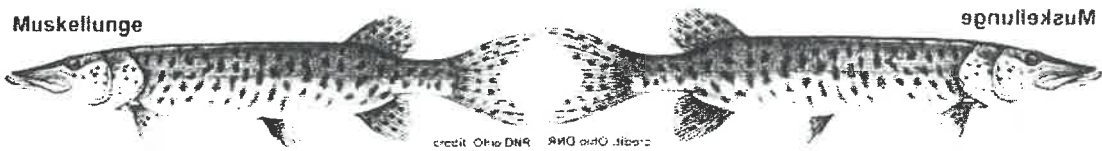
Fish ID T20001 Weight 8.4 grams Length 10.7 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF A/S		DM
		Recorded by:
		DM

XX

Fish ID T20002 Weight 8.1 grams Length 10.5 cm Initials/Date DM 7/15/11



External findings	Internal findings	Observed by:
NAF A/S		DM
		Recorded by:
		DM

Item No. \_\_\_\_\_

*[Handwritten signature]*

Necropsy recording form

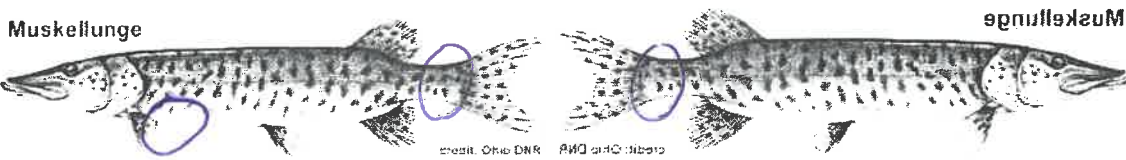
Lab data book/page(s): WAE#1/1-8 File folder: 8b Page 1 of 28  
Proofed: 22 FEB 11 SMC Reviewed: CMM 09 MAR 15

*counted incorrectly pg. stuck together 30 JUN 12 SMC*

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T11-01 Weight 8.86 grams Length 10.3 cm Initials/Date 16 JUL 11 ARC

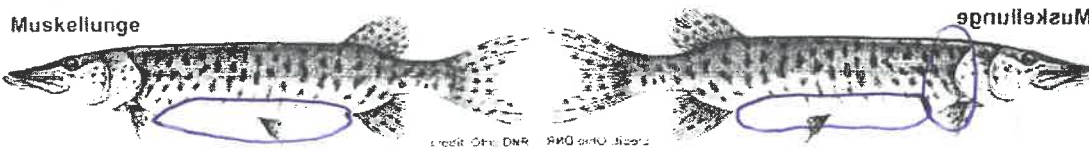


External findings	Internal findings	Observed by:
Yellowing near pectoral and caudal fins	Yellow mucous Heavily reddened kidney	<i>ARC</i>
		Recorded by:
		<i>ARC</i>

XX

WAE

Fish ID T11-02 Weight 6.08 grams Length 9.4 cm Initials/Date 16 JUL 11 ARC



External findings	Internal findings	Observed by:
Yellowing around operculum and abdomen	Yellow mucous	<i>ARC</i>
		Recorded by:
		<i>ARC</i>

Control

Item No. \_\_\_\_\_

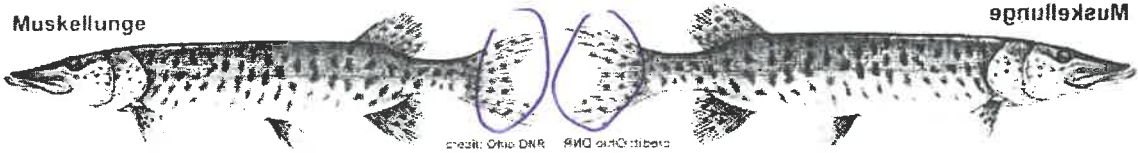


Necropsy recording form

Lab data book/page(s): WAE #1/1-8 File folder: 86 Page 3 of 30  
 Proofed: 22 FEB 12 SUS Reviewed: CMN 09 APR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

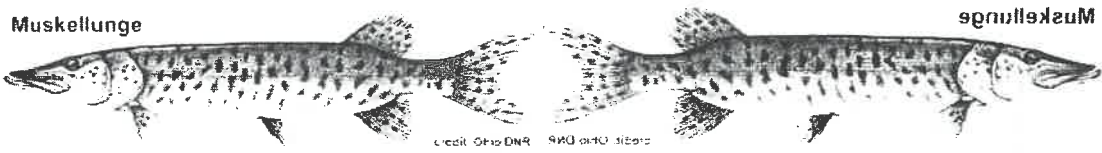
**WAE** Fish ID T13-01 Weight 9.49 grams Length 9.9 cm Initials/Date 16 JUL 11 ARC



External findings	Internal findings	Observed by:
Yellowing of caudal fin	Yellow gut	<i>ARC</i>
		Recorded by:
		<i>ARC</i>

XX

**WAE** Fish ID T13-02 Weight 5.64 grams Length 8.9 cm Initials/Date 16 JUL 11 ARC



External findings	Internal findings	Observed by:
Skinny/thin body	Yellow gut	<i>ARC</i>
		Recorded by:
		<i>ARC</i>

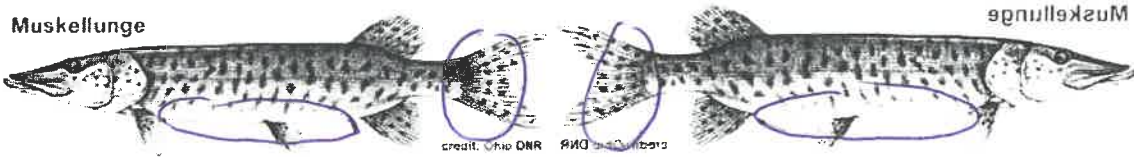
*[Signature]*

Necropsy recording form

Lab data book/page(s): WAE #1/1-8 File folder: 86 Page 4 of 30 ;  
 Proofed: 22 FEB 14/8115 Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

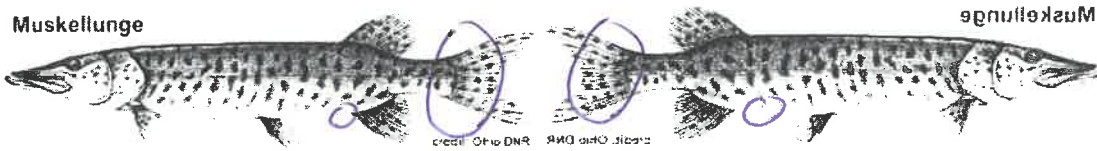
WAE Fish ID T14-01 Weight 7.01 grams Length 9.3 cm Initials/Date 16 JUL 11 ARC



External findings	Internal findings	Observed by:
Yellowed tail and caudal	SK Yellowed organs	<i>[Signature]</i>
		Recorded by:
		<i>[Signature]</i>

XX

WAE Fish ID T14-02 Weight 3.05 grams Length 7.7 cm Initials/Date 16 JUL 11 ARC



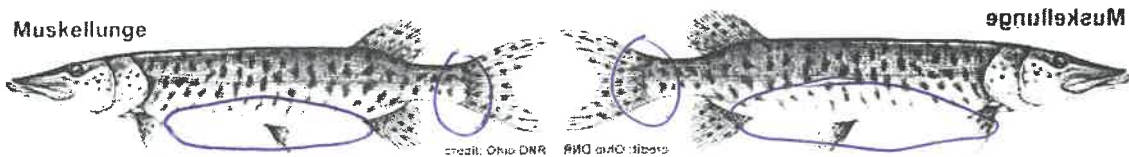
External findings	Internal findings	Observed by:
Yellowed tail and anus	Yellow mucous	<i>[Signature]</i>
		Recorded by:
		<i>[Signature]</i>

Necropsy recording form

Lab data book/page(s): WAE #11-9 File folder: 8b Page 5 of 30  
Proofed: 22 FEB 12 SAs Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

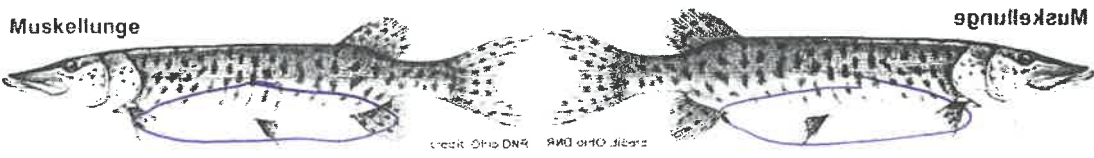
**WAE** Fish ID T15-01 Weight 8.65 grams Length 9.6 cm Initials/Date 16 JUL 11 ARC



External findings	Internal findings	Observed by:
<u>Yellowed caudal and abdomen</u>	<u>Yellow mucous</u>	<u>ARC</u>
		Recorded by:
		<u>ARC</u>

XX

**WAE** Fish ID T15-02 Weight 5.00 grams Length 8.4 cm Initials/Date 16 JUL 11 ARC



External findings	Internal findings	Observed by:
<u>Yellowed abdomen</u>	<u>SK</u>	<u>ARC</u>
	<u>Yellowed organs</u>	Recorded by:
		<u>ARC</u>





*[Signature]*

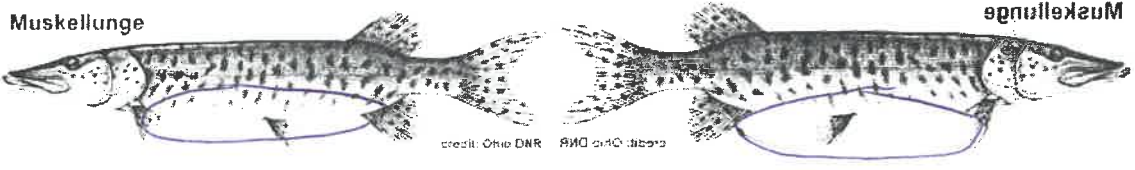
Necropsy recording form

Lab data book/page(s): WAE#1/1-8 File folder: 86 Page 7 of 30  
 Proofed: 22 FEB 12 / 5/11 Reviewed: Can 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T17-01 Weight 4.37 grams Length 8.5 cm Initials/Date 16 JUL 11 ARC

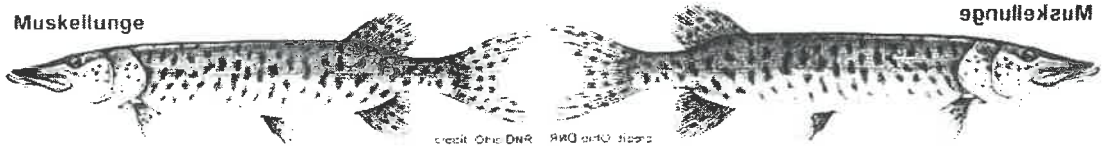


External findings	Internal findings	Observed by:
Severe yellowing on abdomen	Yellow mucous	<i>ARC</i>
		Recorded by:
		<i>ARC</i>

XX

WAE

Fish ID T17-02 Weight 11.02 grams Length 10.5 cm Initials/Date 16 JUL 11 ARC



External findings	Internal findings	Observed by:
NAF	NAF	<i>ARC</i>
		Recorded by:
		<i>ARC</i>

① Wrote incorrectly, correct mass is 4.37g 16 JUL 11 ARC

Necropsy recording form

Lab data book/page(s): WAE #1/1-8 File folder: 8b Page 8 of 30  
 Proofed: 22 FEB 12 SJS Reviewed: CMH 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T18-01 Weight 13.43 grams Length 11.5 cm Initials/Date 16 JUL 11 ARC

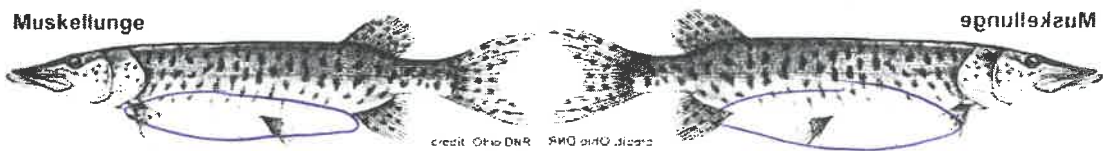


External findings	Internal findings	Observed by:
Severe abdominal yellowing	SK Severe internal yellowing	<i>[Signature]</i>
		Recorded by: <i>[Signature]</i>

WAE

XX

Fish ID T18-02 Weight 6.04 grams Length 9.1 cm Initials/Date 16 JUL 11 ARC



External findings	Internal findings	Observed by:
Severe abdominal yellowing	Severe internal yellowing	<i>[Signature]</i>
		Recorded by: <i>[Signature]</i>

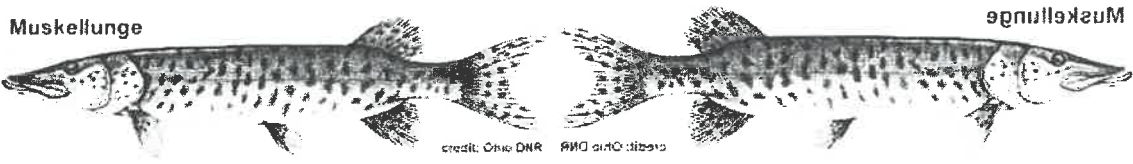
Necropsy recording form

Lab data book/page(s): WAE #111-8 File folder: 86 Page 9 of 30 :

Proofed: 22 FEB 12 SNS Reviewed: 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

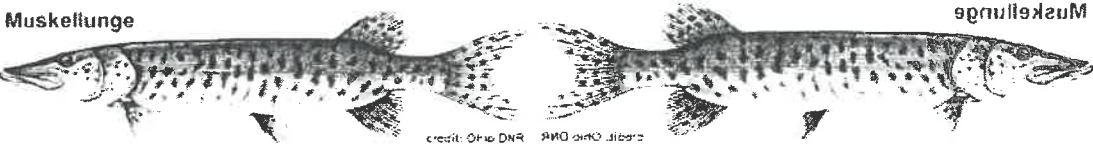
WAE Fish ID T19-01 Weight 7.98 grams Length 9.7 cm Initials/Date 18 JUL 11 ARC



External findings	Internal findings	Observed by:
NAF	NAF	<u>ARC</u>
		Recorded by:
		<u>ARC</u>

XX

WAE Fish ID T19-02 Weight 7.57 grams Length 9.6 cm Initials/Date 18 JUL 11 ARC



External findings	Internal findings	Observed by:
NAF	Yellow mucous around organs	<u>ARC</u>
		Recorded by:
		<u>ARC</u>





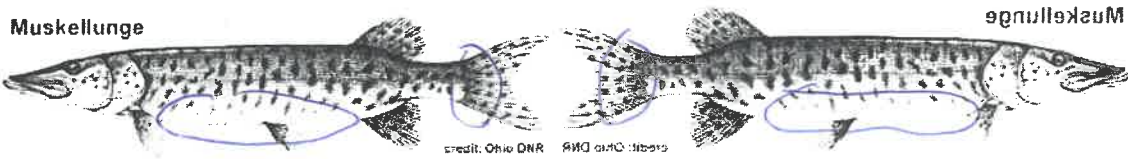
Necropsy recording form

Lab data book/page(s): WAE#1/1-8 File folder: 8b Page 12 of 30  
 Proofed: 22 FEB 12 SNS Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T12-03 Weight 10.66 grams Length 11.1 cm Initials/Date 21 JUL 11 ARC

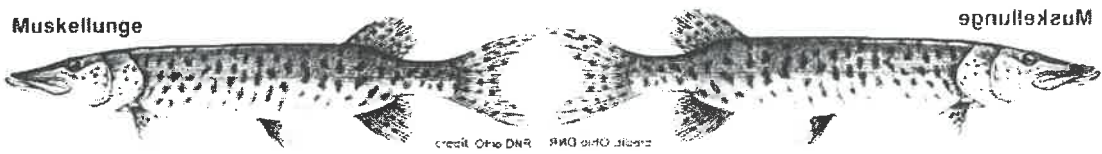


External findings	Internal findings	Observed by:
Yellowing of abdomen and caudal fin	GH and yellowing of organs	<u>ARC</u>
		Recorded by: <u>ARC</u>

XX

WAE

Fish ID T12-04 Weight 4.96 grams Length 9.5 cm Initials/Date 21 JUL 11 ARC



External findings	Internal findings	Observed by:
NAF	NAF	<u>ARC</u>
		Recorded by: <u>ARC</u>

*[Signature]*

Necropsy recording form

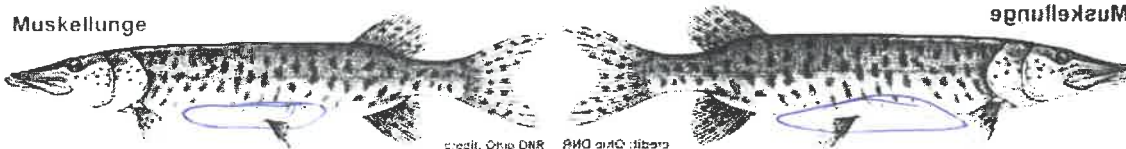
Lab data book/page(s): WAE#11-8 File folder: 86  
Proofed: 22 FEB 12 SWS Reviewed: CUM 09 MAR 15

Page 13 of 30

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T13-03 Weight 3.36 grams Length 7.7 cm Initials/Date 21 JUL 11 ARC

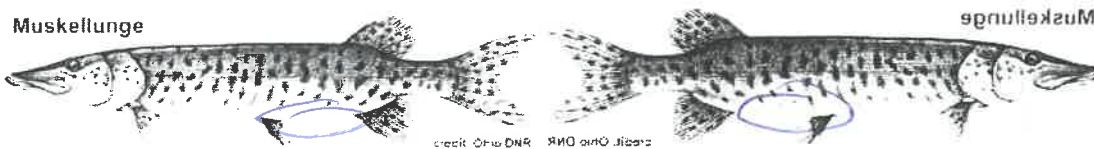


External findings	Internal findings	Observed by:
GH and yellowing	Yellowing in cavity	ARC
		Recorded by:
		ARC

XX

WAE

Fish ID T13-04 Weight 3.67 grams Length 8.9 cm Initials/Date 21 JUL 11 ARC



External findings	Internal findings	Observed by:
GH	Yellowing in cavity	ARC
		Recorded by:
		ARC



Necropsy recording form

Lab data book/page(s): WAE#11-8 File folder: 8b Page 14 of 30  
 Proofed: 22 FEB 11 8W Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T14-03 Weight 8.55 grams Length 10.4 cm Initials/Date 21 JUL 11 ARC

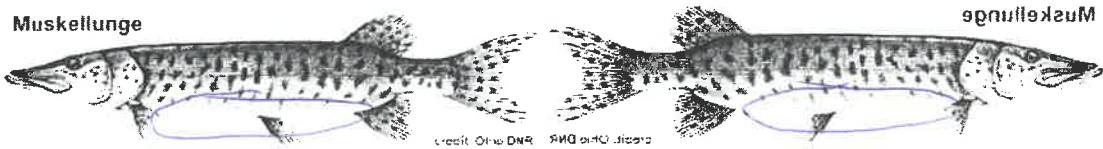


External findings	Internal findings	Observed by:
NAF	NAF	ARC
		Recorded by:
		ARC

XX

WAE

Fish ID T14-04 Weight 3.36 grams Length 8.4 cm Initials/Date 21 JUL 11 ARC



External findings	Internal findings	Observed by:
Sunken in abdomen	Dissolved internal organs	ARC
		Recorded by:
		ARC



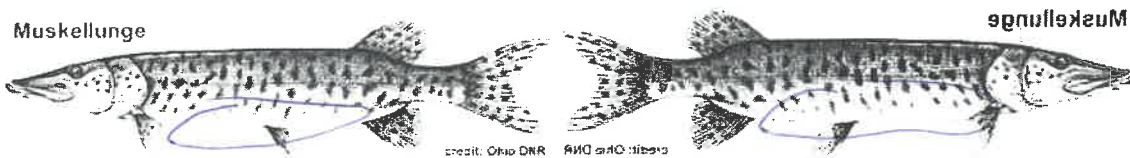
Necropsy recording form

Lab data book/page(s): WAE#1/1-8 File folder: 86 Page 15 of 30  
 Proofed: 22 FEB 12 SJS Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

*WAE*

Fish ID T15-03 Weight 8.57 grams Length 10.0 cm Initials/Date 21 JUN 11 ARC

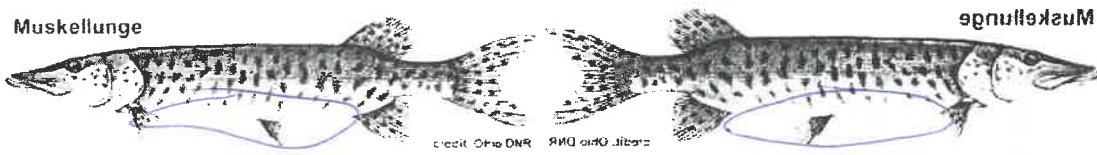


External findings	Internal findings	Observed by:
<i>Yellowed abdomen</i>	<i>Growths on kidneys</i>	<i>[Signature]</i>
		Recorded by:
		<i>[Signature]</i>

XX

*WAE*

Fish ID T15-04 Weight 6.17 grams Length 8.9 cm Initials/Date 21 JUN 11 ARC



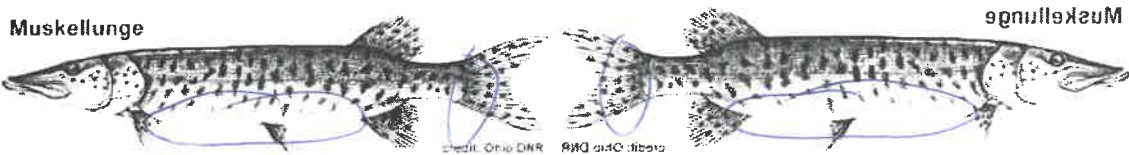
External findings	Internal findings	Observed by:
<i>Yellowed abdomen</i>	<i>Yellowed cavity</i>	<i>[Signature]</i>
		Recorded by:
		<i>[Signature]</i>

Necropsy recording form

Lab data book/page(s): WAE #11-8 File folder: 86 Page 16 of 30  
 Proofed: 22 FEB 12 SHS Reviewed: 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

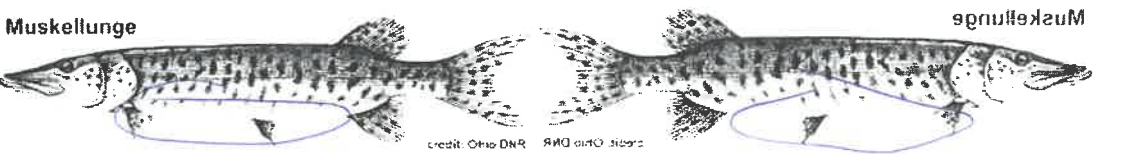
WAE Fish ID T16-03 Weight 9.07 grams Length 10.9 cm Initials/Date 21 JUL 11 ARC



External findings	Internal findings	Observed by:
<u>Yellowing of caudal fin and abdomen</u>	<u>Heavily yellowed cavity</u>	<u>ARC</u>
		Recorded by: <u>ARC</u>

XX

WAE Fish ID T16-04 Weight 7.75 grams Length 9.9 cm Initials/Date 21 JUL 11 ARC



External findings	Internal findings	Observed by:
<u>Yellowed abdomen</u>	<u>Heavily yellowed cavity</u>	<u>ARC</u>
		Recorded by: <u>ARC</u>

Necropsy recording form

Lab data book/page(s): WAE #11-8 File folder: 8b

Page 17 of 30

Proofed: 22 FEB 12/SNS

Reviewed: cmn 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

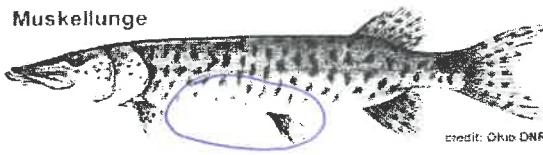
Fish ID T17-03

Weight 6.50 grams

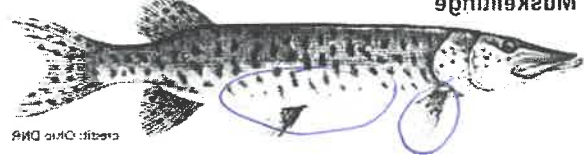
Length 9.5 cm

Initials/Date 21 JUL 11 ARC

Muskellunge



Muskellunge



External findings	Internal findings	Observed by:
<u>yellow abdomen Ⓜ per yellow</u>	<u>yellow abd. cavity &amp; organs</u>	<u>ARC</u>
SNS	SNS	Recorded by:
		<u>ARC SNS</u>

XX

WAE

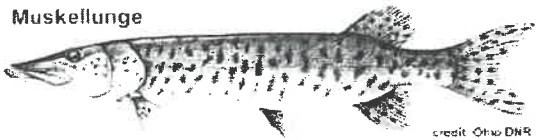
Fish ID T17-04

Weight 7.14 grams  
SNS

Length 9.3 cm  
SNS

Initials/Date 21 JUL 11 ARC

Muskellunge



Muskellunge



External findings	Internal findings	Observed by:
<u>NAF</u>	<u>slight yellowing of organs &amp; anal area</u>	<u>ARC</u>
		Recorded by:
		<u>ARC SNS</u>

Necropsy recording form

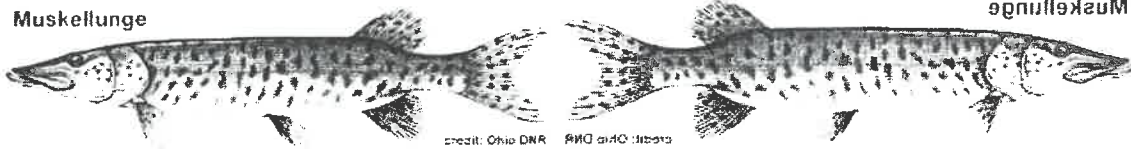
Lab data book/page(s): WAE #11-8 File folder: 86 Page 18 of 30

Proofed: 22 FEB 12 SMS Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE Fish ID T18-3 Weight 6.73 grams Length 9.7 cm Initials/Date SMS/21 JUL 11  
(6.73) SMS

Muskellunge



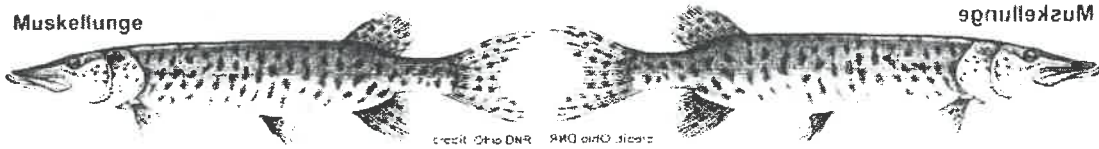
Muskellunge

External findings	Internal findings	Observed by:
<u>yellowing of abdomen</u>	<u>liquefied organs</u>	<u>ARC</u>
		Recorded by:
		<u>SMS</u>

XX

WAE Fish ID T18-4 Weight 8.33 grams Length 10.2 cm Initials/Date SMS/21 JUL 11

Muskellunge



Muskellunge

External findings	Internal findings	Observed by:
<u>yellow abdomen</u>	<u>liquefied organs, yellow internally</u>	<u>ARC</u>
		Recorded by:
		<u>SMS</u>

Necropsy recording form

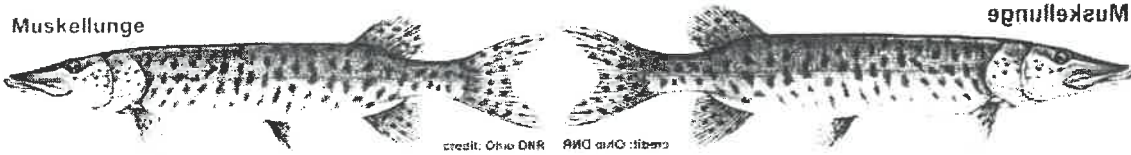
Lab data book/page(s): WAE#1/18 File folder: 8b  
Proofed: 22 FEB 12 SMS Reviewed: GA MAR 15 CMM

Page 19 of 30

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T19-3 Weight 3.56 grams Length 7.4 cm Initials/Date SMS 21 JUN 11

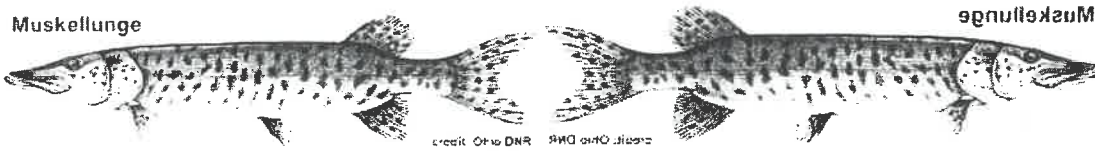


External findings	Internal findings	Observed by:
<i>opaque eye, bil exophthalmia yellow belly towards pss</i>	<i>liquified yellow internal</i>	<i>ARC</i>
		Recorded by:
		<i>SMS</i>

XX

WAE

Fish ID T19-4 Weight 8.42 grams Length 9.6 cm Initials/Date SMS 22 JUN 11



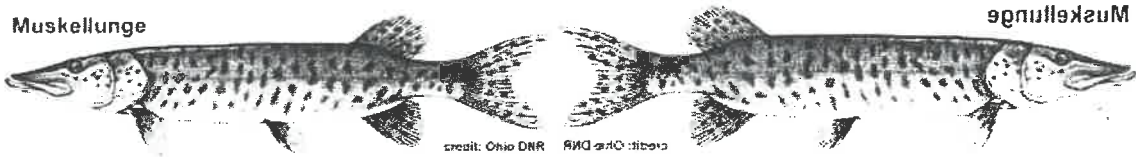
External findings	Internal findings	Observed by:
<i>yellowing on abdomen hemorrhaging on top of head</i>	<i>liquified organs, yellow internally</i>	<i>ARC</i>
		Recorded by:
		<i>SMS</i>

Necropsy recording form

Lab data book/page(s):	WAE # <u>1-8</u>	File folder: <u>86</u>	Page <u>20</u> of <u>30</u>
Proofed:	<u>22 FEB 12 SWS</u>	Reviewed:	<u>CMR 09 MAR 15</u>
NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse			

WAE

Fish ID T20-3 Weight 11.87 grams Length 11.9 cm Initials/Date SWS/22JUN11

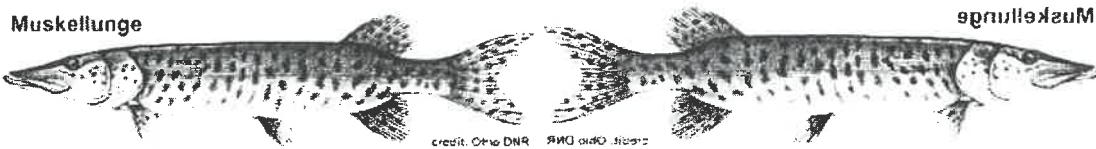


External findings	Internal findings	Observed by:
Reddening around pectoral fins " around opercula Slight yellowing on abdomen	NAF	ARC Recorded by: SWS

XX

WAE

Fish ID T20-4 Weight 3.14 grams Length 7.7 cm Initials/Date SWS/22JUN11



External findings	Internal findings	Observed by:
Yellowing of abdomen	liquefied organs w yellow appearance	ARC Recorded by: SWS

Necropsy recording form

Lab data book/page(s): WAE #11-8 File folder: 86 Page 21 of 30  
Proofed: 22 FEB 12 2013 Reviewed: CMN 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

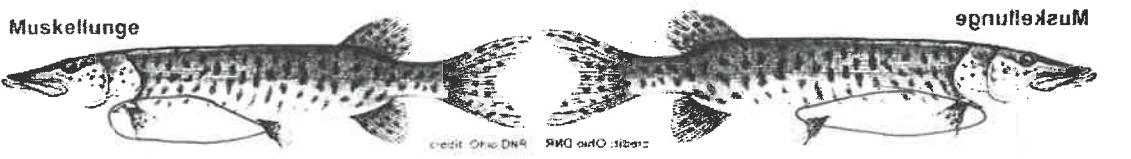
WAE Fish ID T11-05 Weight 11.28 grams Length 11.0 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
<u>Heavy yellowing of abdomen</u>	<u>Heavy yellowing in cavity and organs dissolving</u>	<u>ARC</u>
		Recorded by: <u>ARC</u>

XX

WAE Fish ID T11-06 Weight 4.29 grams Length 7.9 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
<u>Heavy yellowing of abdomen</u>	<u>Heavy yellowing in cavity and organs dissolving</u>	<u>ARC</u>
		Recorded by: <u>ARC</u>

*[Signature]*

Necropsy recording form

Hatchery ~~Musky~~ WAE <sup>wrong data sheet 30 JUN 12 SLL</sup>

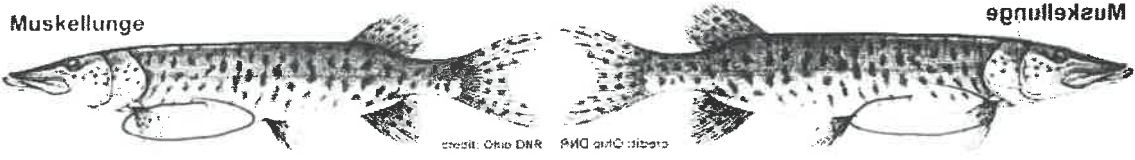
Lab data book/page(s): WAE #1/1-8 File folder: 8b Page 22 of 30

Proofed: 22 FEB 12 SLL Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

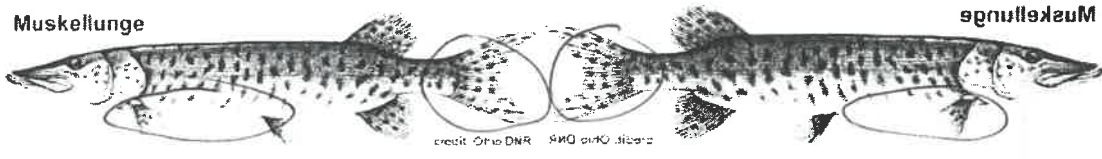
Fish ID T12-05 Weight 7.50 grams Length 9.8 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
Slight yellowing of abdomen	Dissolving organs and very pale kidneys	<i>[Signature]</i>
		Recorded by:
		<i>[Signature]</i>

WAE

Fish ID T12-06 Weight 12.22 grams Length 10.8 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
Yellowing of abdomen and caudal fin	Yellowed and dissolving organs	<i>[Signature]</i>
		Recorded by:
		<i>[Signature]</i>





Necropsy recording form

Lab data book/page(s): WAE #11-8

File folder: 8b

Page 23 of 30

Proofed: 22 FEB 12 SHS

Reviewed: Cam 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

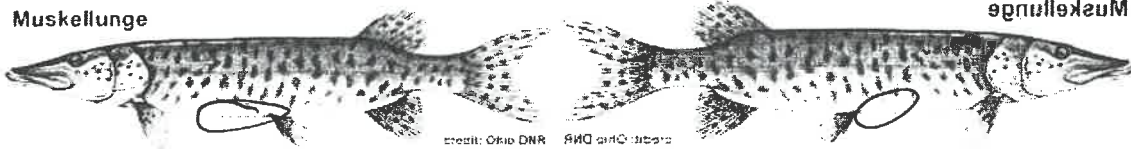
Fish ID T13-05

Weight 12.78 grams



Length 11.0 cm

Initials/Date 25 JUL 11 ARC

Muskellunge



Muskellunge

External findings	Internal findings	Observed by:
Very light brown coloration	NAF	
		Recorded by:
		

XX

WAE

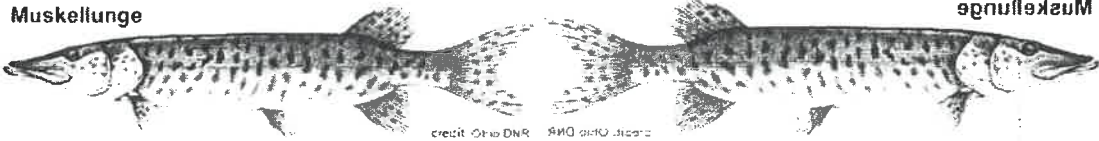
Fish ID T13-06

Weight 9.79 grams



Length 10.4 cm

Initials/Date 25 JUL 11 ARC

Muskellunge



Muskellunge

External findings	Internal findings	Observed by:
NAF	—	
		Recorded by:
		



*[Signature]*

Necropsy recording form

Lab data book/page(s): WAE# 1-8

File folder: 86

Page 25 of 30

Proofed: 22 FEB 12 SWS

Reviewed: CMU CMAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

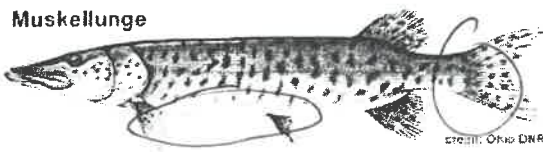
Fish ID T15-05

Weight 10-19 grams

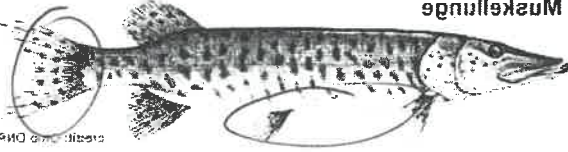
Length 10.8 cm

Initials/Date 25 JUL 11 ARC

Muskellunge



Muskellunge



External findings	Internal findings	Observed by:
<u>Caudal and abdomen yellow</u>	<u>Heavily yellowed cavity</u>	<u>ARC</u>
		Recorded by:
		<u>ARC</u>

WAE

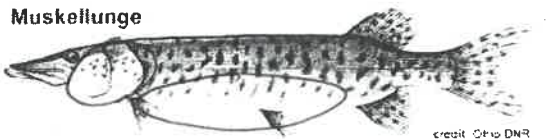
Fish ID T15-06

Weight 7.35 grams

Length 9.7 cm

Initials/Date 25 JUL 11 ARC

Muskellunge



Muskellunge



External findings	Internal findings	Observed by:
<u>(L) - opercula and abdomen heavily yellowed</u>	<u>Organs dissolving and heavily yellowed</u>	<u>ARC</u>
		Recorded by:
		<u>ARC</u>

Necropsy recording form

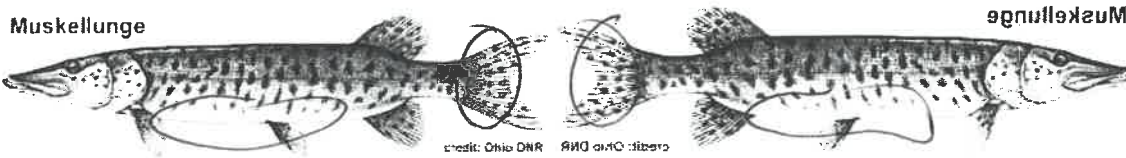
Lab data book/page(s): WAE # 11-8 File folder: 8b Page 26 of 30

Proofed: 22 FEB 12 GMS Reviewed: CMH 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T16-05 Weight 11.02 grams Length 10.6 cm Initials/Date 25 JUL 11 ARC

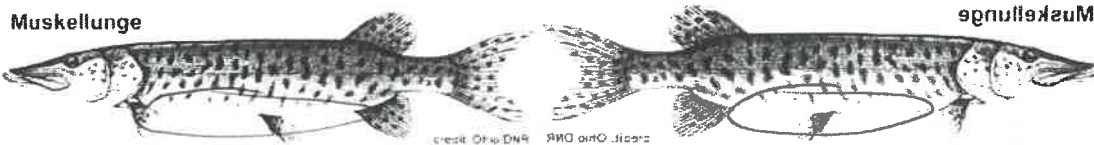


External findings	Internal findings	Observed by:
Caudal and abdomen yellowed	Severely yellowed organs	[Signature]
		Recorded by: [Signature]

XX

WAE

Fish ID T16-06 Weight 5.94 grams Length 9.7 cm Initials/Date 25 JUL 11 ARC



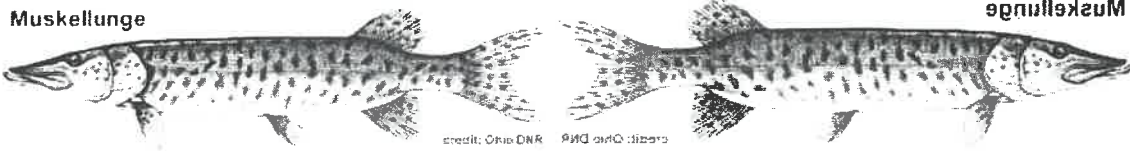
External findings	Internal findings	Observed by:
GH and yellowed	Severely yellowed cavity and organs	[Signature]
		Recorded by: [Signature]

Necropsy recording form

Lab data book/page(s): WAE #1/1-8 File folder: 86 Page 27 of 30  
 Proofed: 22 FEB 12 SNS Reviewed: CMN 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

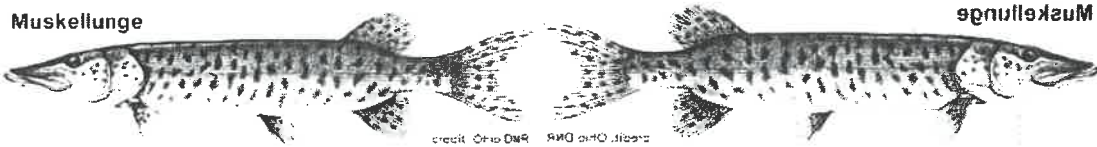
WAE Fish ID T17-05 Weight 10.75 grams Length 10.6 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
Brown abdomen	Dissolving organs	<u>ARC</u>
		Recorded by:
		<u>ARC/SNS</u>

XX

WAE Fish ID T17-06 Weight 6.45 grams Length 9.1 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
Heavy yellowing of abdomen	Yellow, liquified organs	<u>ARC</u>
		Recorded by:
		<u>ARC/SNS</u>

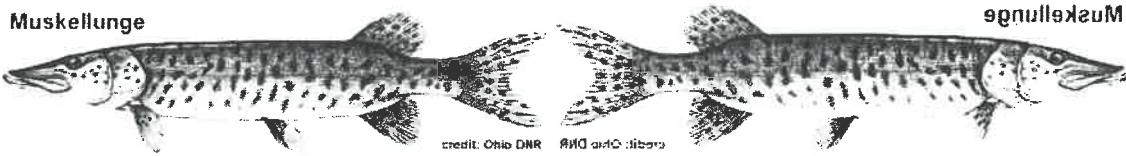
*[Signature]*

Necropsy recording form

Lab data book/page(s): WAE#1/1-8 File folder: 86 Page 28 of 30  
 Proofed: 22 FEB 12 SMS Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

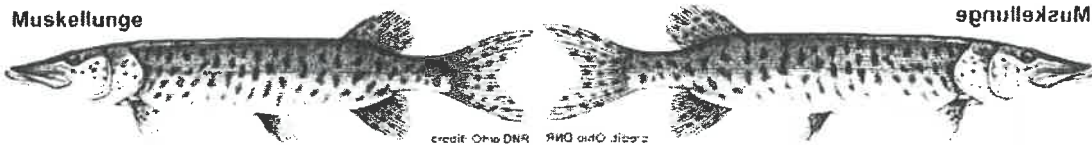
WAE Fish ID T18-05 Weight 18.51 grams Length 12.1 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
<i>yellowing around parr</i>	NAF	<i>ARC</i>
		Recorded by:
		<i>ARC/SMS</i>

XX

WAE Fish ID T18-06 Weight 11.02 grams Length 10.8 cm Initials/Date 25 JUL 11 SMS



External findings	Internal findings	Observed by:
NAF	<i>Organs yellow but not mushy</i>	<i>ARC</i>
		Recorded by:
		<i>ARC/SMS</i>

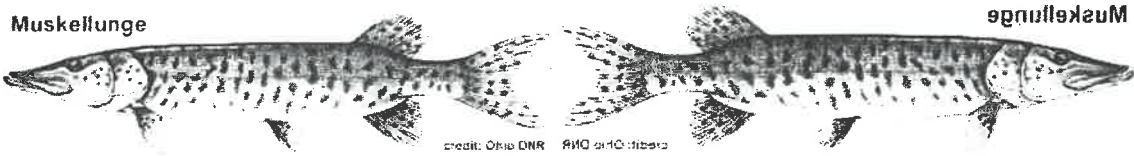
Necropsy recording form

Lab data book/page(s): WAE #11-8 File folder: 86 Page 29 of 30  
 Proofed: 22 FEB 12 SMS Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE

Fish ID T19-05 Weight 9.08 grams Length 10.3 cm Initials/Date 25 JUL 11 ARC

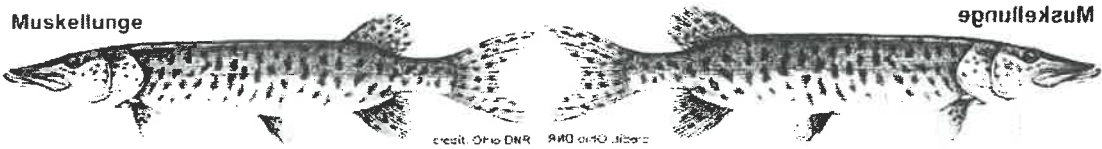


External findings	Internal findings	Observed by:
Slight yellowing and hemorrhaging of gut; back of head red.	Dissolved organs, not yellow	<u>ARC</u>
		Recorded by:
		<u>ARC/SMS</u>

XX

WAE

Fish ID T19-06 Weight 10.11 grams Length 10.4 cm Initials/Date 25 JUL 11 ARC



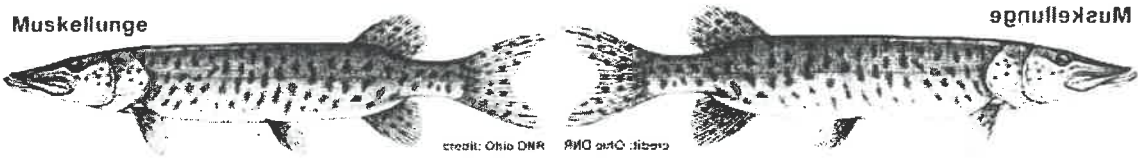
External findings	Internal findings	Observed by:
Pale yellow gut	Organs mushy, not yellow	<u>ARC</u>
		Recorded by:
		<u>ARC/SMS</u>

Necropsy recording form

Lab data book/page(s): WAE #1/1-8 File folder: 86 Page 30 of 30  
 Proofed: 22 FEB 12 / SWS Reviewed: cmn 09 MAR 15

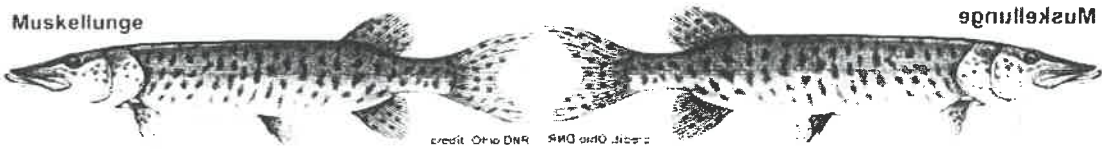
NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

WAE Fish ID T20-05 Weight 11.17 grams Length 10.4 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
NAF	Organs pale yellow, not mushy	<u>ARC</u>
		Recorded by:
		<u>ARC/SWS</u>

WAE Fish ID T20-06 Weight 6.55 grams Length 9.1 cm Initials/Date 25 JUL 11 ARC



External findings	Internal findings	Observed by:
Pale yellow belly; red on top of head	Organs liquified and yellow	<u>ARC</u>
		Recorded by:
		<u>ARC/SWS</u>



FW = Florfenicol Walleye

AEH-09-MAS-02

Principal Investigator Approval: [Signature]

Date: 28Jun11

Necropsy recording form

Lab data book/page(s): _____	File folder: <u>86</u>	Page <u>1</u> of <u>15</u>
Proofed: <u>30 JAN 12 SJS</u>	Reviewed: _____	
<p>NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage            SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage            AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse</p>		

Fish ID FW-1 Weight 12.09 grams Length 11.4 cm Initials/Date MTL 28JUL11

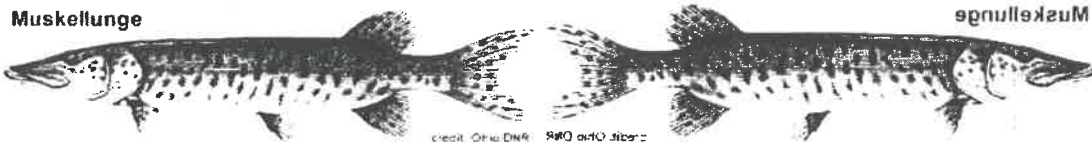
Nothing in  
kale boots  
Haren



NR	Internal findings	Observed by:
	NR	MTL
		Recorded by:
		MTL

XX

Fish ID FW-2 Weight 12.45 grams Length 11.7 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

FFC

Item No. \_\_\_\_\_



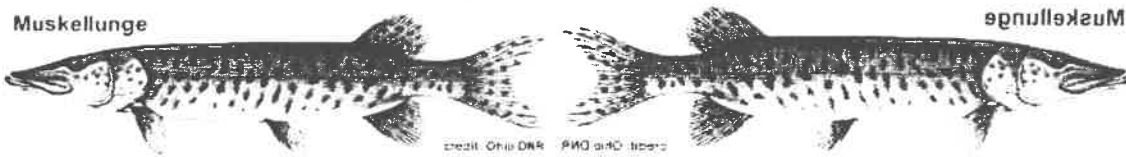


Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 8b Page 4 of 15  
Proofed: 30 JAN 12 SJS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

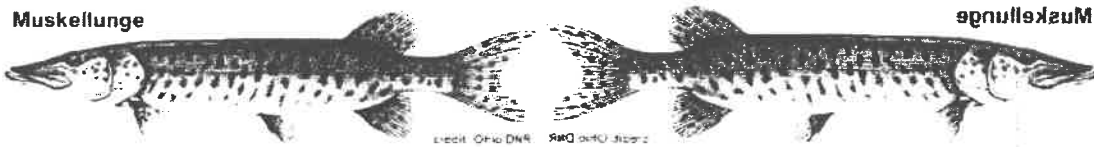
Fish ID FW-7 Weight 9.81 grams Length 10.9 cm Initials/Date MTL 28 Jun 11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

XX

Fish ID FW-8 Weight 11.76 grams Length 11.5 cm Initials/Date MTL 28 Jun 11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>



FW = Florfenicol Walleye

AEH-09-MAS-02

Principal Investigator Approval: 

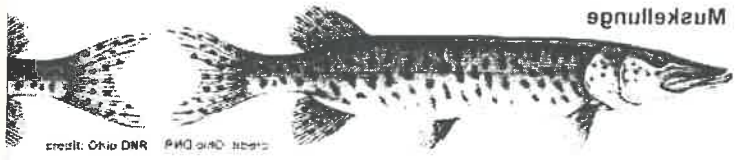
Date: 28JUN11

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 1 of 15  
Proofed: 30JAN12 SKS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID FW-1 Weight 12.09 grams Length 11.4 cm Initials/Date MTL 28JUL11

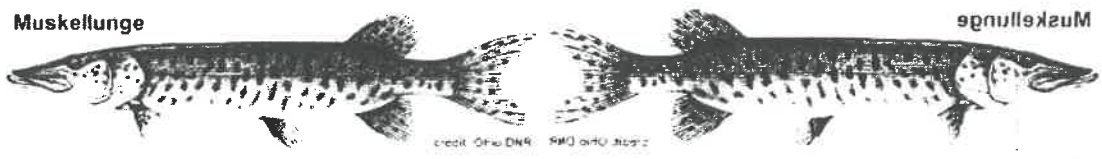


Nothing in  
lab books  
Have

NR	Internal findings	Observed by:
	NR	MTL
		Recorded by:
		MTL

XX

Fish ID FW-2 Weight 12.45 grams Length 11.7 cm Initials/Date MTL 28JUL11



FFC

External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

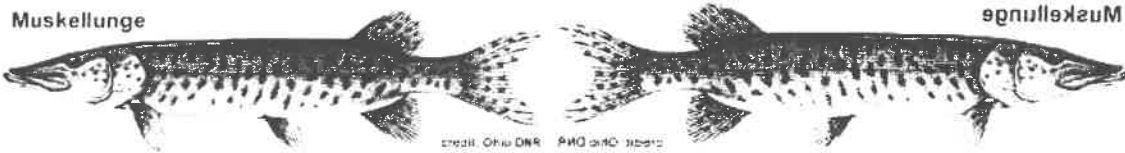
Item No. \_\_\_\_\_

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 8b Page 2 of 15 ;  
 Proofed: 30 JAN 12 SHS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

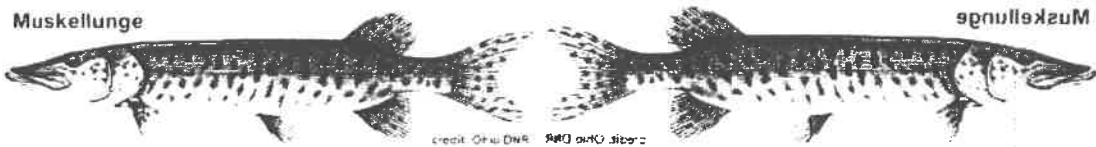
Fish ID FW-3 Weight 11.22 grams Length 11.3 cm Initials/Date MTL 28 JUN 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by: MTL

XX

Fish ID FW-4 Weight 18.62 grams Length 13.0 cm Initials/Date MTL 28 JUN 11



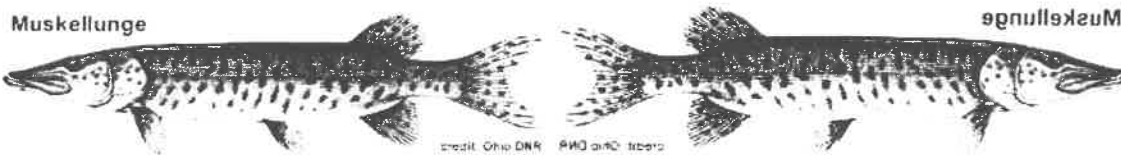
External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by: MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 3 of 15  
 Proofed: 30 JAN 12 SMS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

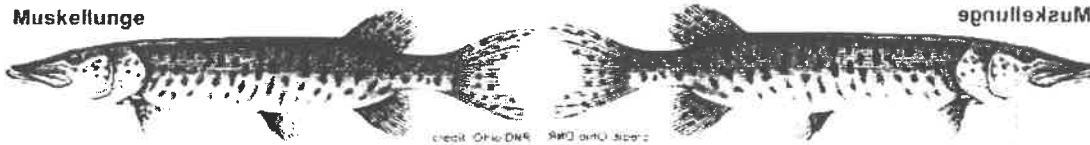
Fish ID FW-5 Weight 9.94 grams Length 10.5 cm Initials/Date MTL 28 Jun 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID FW-6 Weight 10.94 grams Length 10.9 cm Initials/Date MTL 28 Jun 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

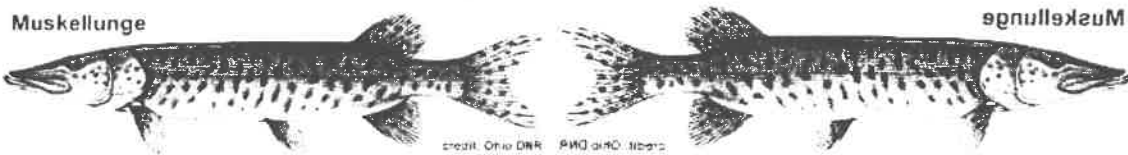


Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 4 of 15  
 Proofed: 30 JAN 12 SHS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

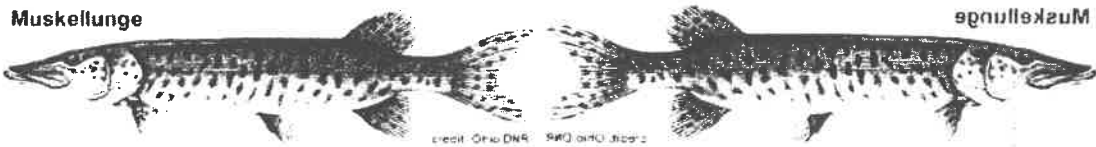
Fish ID FW-7 Weight 9.81 grams Length 10.9 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

XX

Fish ID FW-8 Weight 11.76 grams Length 11.5 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

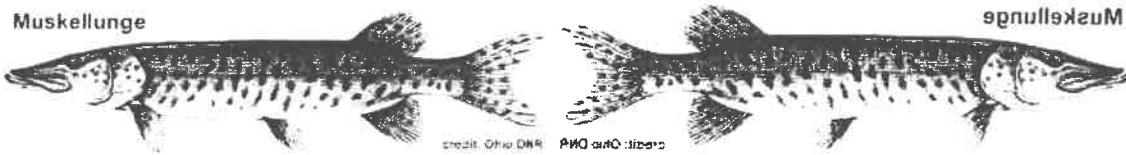
Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 8b  
Proofed: 20 JANU 2011 Reviewed: \_\_\_\_\_

Page 5 of 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

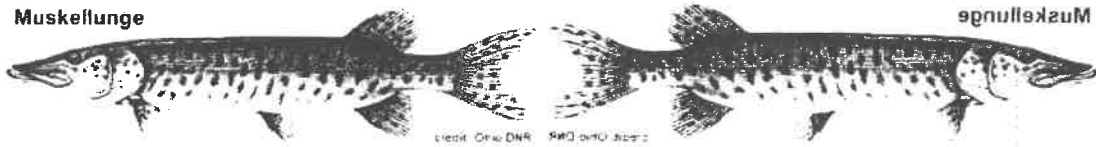
Fish ID FW-9 Weight 11.44 grams Length 11.2 cm Initials/Date MTL



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID FW-10 Weight 9.19 grams Length 10.5 cm Initials/Date MTL 28 Jun 11



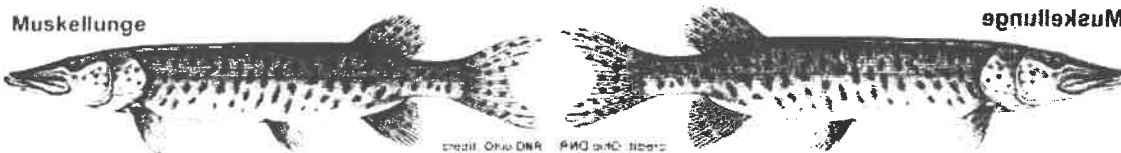
External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 6 of 15 ;  
 Proofed: 30 JANU 08 Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID FW-11 Weight 17.32 grams Length 12.7 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID FW-12 Weight 10.79 grams Length 11.1 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

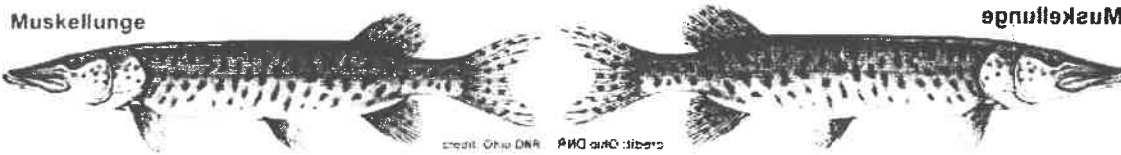
*[Signature]*

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 8b Page 7 of 15 ;  
 Proofed: 30 JAN 12 SUC Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

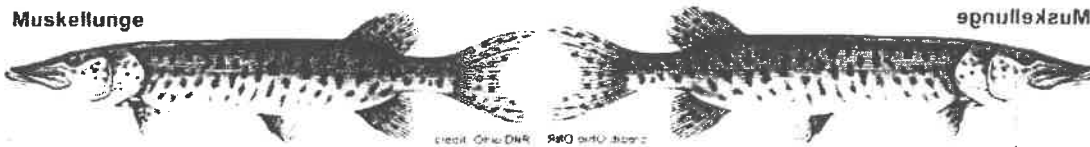
Fish ID FW-13 Weight 14.11 grams Length 12.0 cm Initials/Date MTL 28Jun11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID FW-14 Weight 14.09 grams Length 12.0 cm Initials/Date MTL 28Jun11



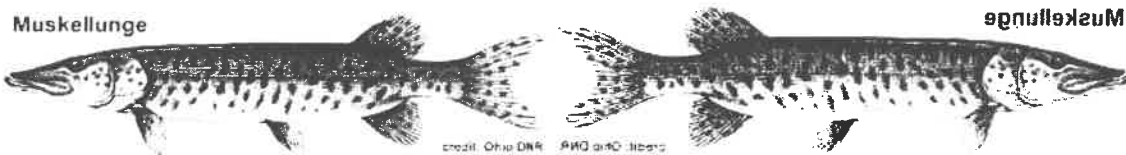
External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 8b Page 8 of 15 ;  
 Proofed: 30 JAN 12 STS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

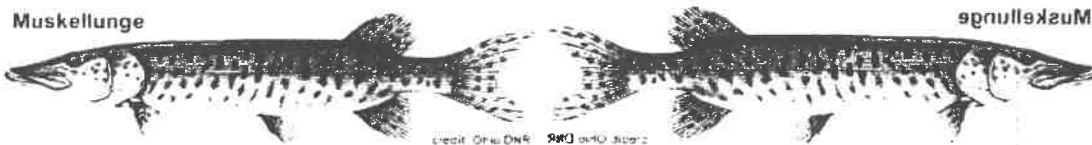
Fish ID FW-15 Weight 11.77 grams Length 11.5 cm Initials/Date MTL 28Jun11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID FW-16 Weight 8.29 grams Length 10.1 cm Initials/Date MTL 28Jun11



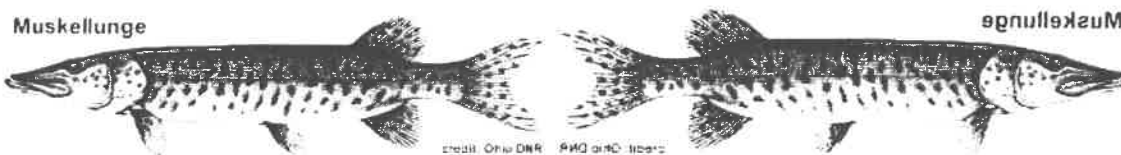
External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 9 of 15 ;  
 Proofed: 30 JAN 12 SRS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

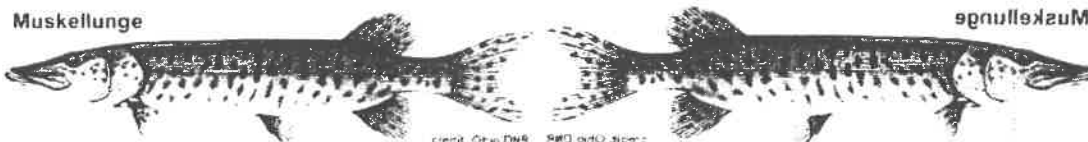
Fish ID FW-17 Weight 7.28 grams Length 10.1 cm Initials/Date MTL 28 Jun 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID FW-18 Weight 11.35 grams Length 11.1 cm Initials/Date MTL



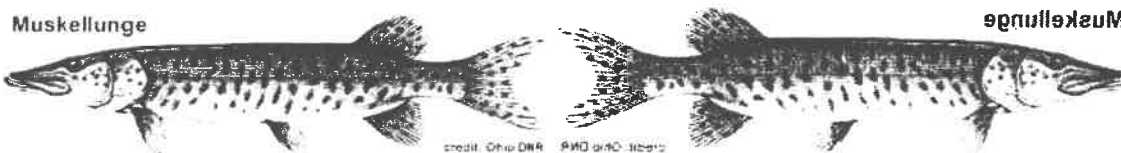
External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 10 of 15 :  
 Proofed: 30 JAN 12 Reviewed: SUS

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

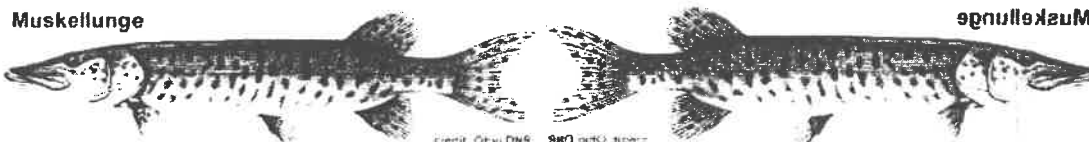
Fish ID Fw-19 Weight 7.85 grams Length 10.0 cm Initials/Date MTL 28Jun11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID Fw-20 Weight 13.92 grams Length 12.1 cm Initials/Date MTL 28Jul11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL



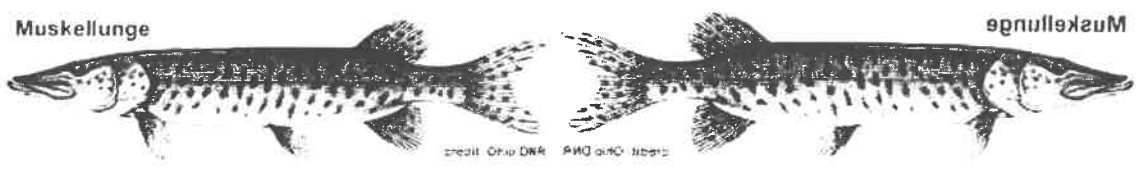


Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 12 of 15  
Proofed: JOJAN R SWS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

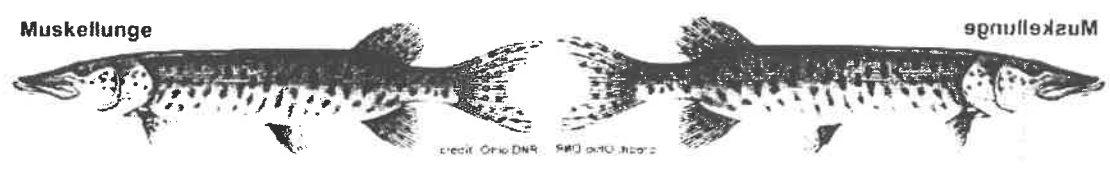
Fish ID FW-23 Weight 15.51 grams Length 12.5 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>mass on kidney (5+)</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

XX

Fish ID FW-24 Weight 7.74 grams Length 10.0 cm Initials/Date MTL 28JUL11



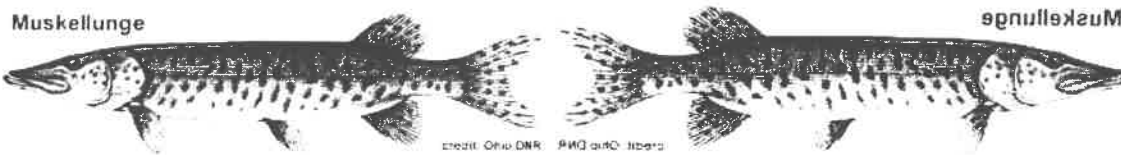
External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 13 of 15  
 Proofed: 30 JAN 12 SK Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

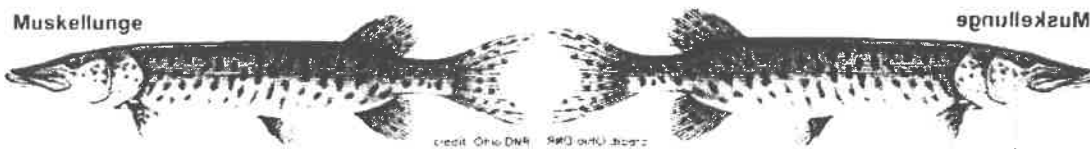
Fish ID FW-25 Weight 10.97 grams Length 11.3 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

XX

Fish ID FW-24 Weight 7.41 grams Length 9.7 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>





OW = OTC walleye

AEH-09-MAS-02

Principal Investigator Approval: [Signature]

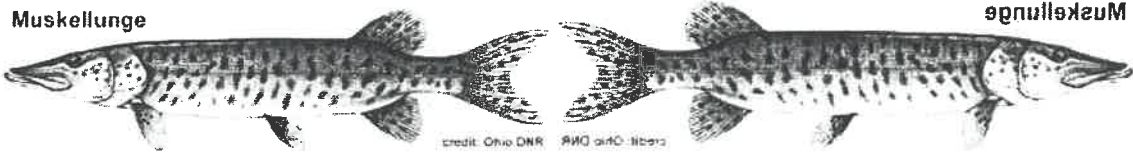
Date: 28 Jun 11

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 1 of 15  
Proofed: BOJANILSKAS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

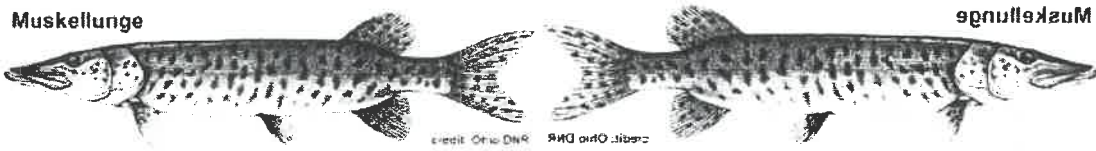
Fish ID OW-1 Weight 13.34 grams Length 11.8 cm Initials/Date MTL 28 Jun 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID OW-2 Weight 13.21 grams Length 11.6 cm Initials/Date MTL 28 Jun 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

OTC

Item No. \_\_\_\_\_

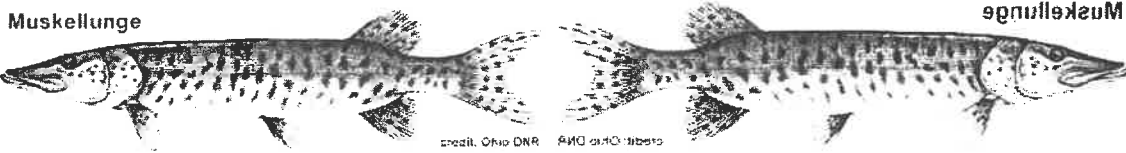
*M. L. M.*

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 2 of 15 ?  
 Proofed: 30 JAN 12 SMS Reviewed: \_\_\_\_\_ .

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID OW-3 Weight 9.79 grams Length 10.4 cm Initials/Date MTL 28 Jun 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID OW-4 Weight 17.41 grams Length 12.4 cm Initials/Date MTL 28 Jun 11



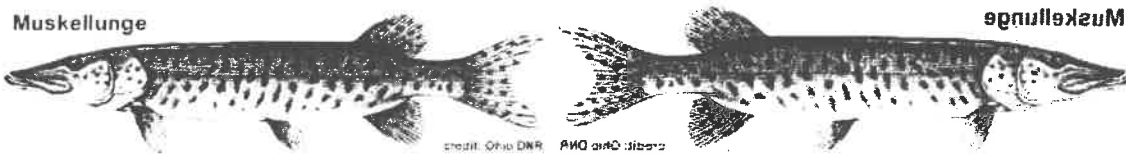
External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 3 of 15  
 Proofed: 30 JAN 12 SJS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

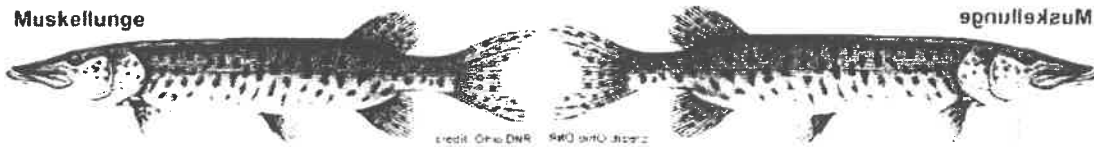
Fish ID OW-5 Weight 12.97 grams Length 11.4 cm Initials/Date MTL 28 JUN 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID OW-4 Weight 11.24 grams Length 11.5 cm Initials/Date MTL 28 JUN 11



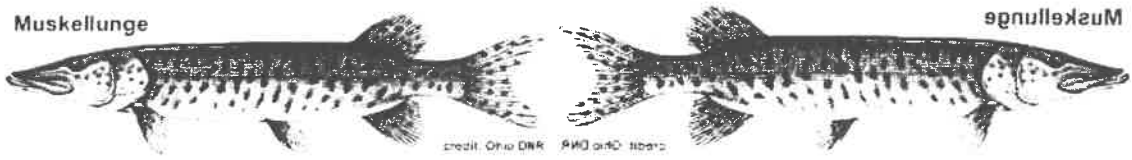
External findings	Internal findings	Observed by:
NR	masses in kidney	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 4 of 15  
 Proofed: JOANIZ SWS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

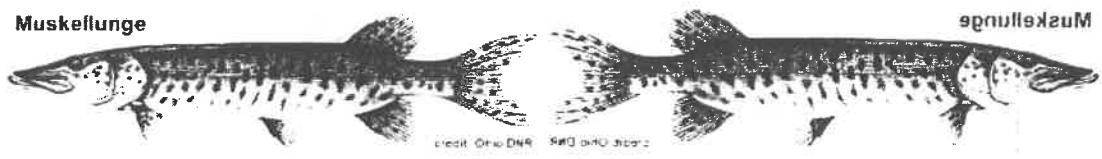
Fish ID OW-7 Weight 10.67 grams Length 10.8 cm Initials/Date MTL 28Jun11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID OW-8 Weight 8.57 grams Length 10.0 cm Initials/Date MTL 28Jun11



External findings	Internal findings	Observed by:
NR	masses in kidney	MTL
	- look at wet mount	Recorded by:
	NAF	MTL

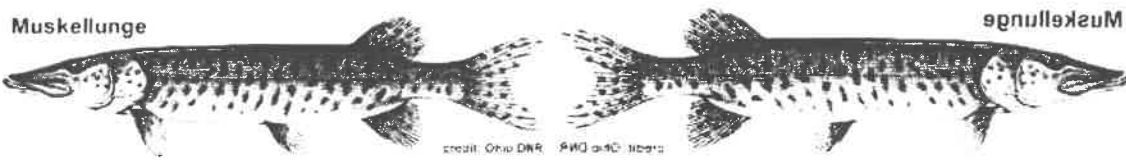


Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 8b Page 5 of 15 :  
 Proofed: 30 JAN 12 SMS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

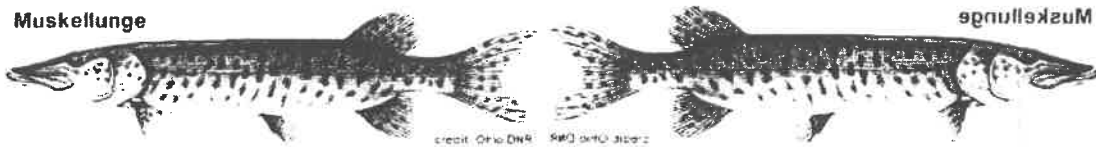
Fish ID OW-9 Weight 11.62 grams Length 11.3 cm Initials/Date MTL 28 JUNE 11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

XX

Fish ID OW-10 Weight 13.45 grams Length 11.7 cm Initials/Date MTL 28 JUNE 11



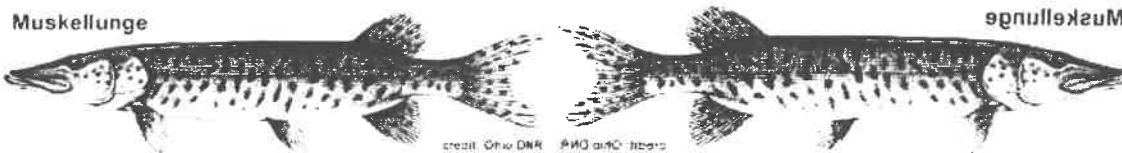
External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 6 of 15  
 Proofed: 30 JAN 12 SUS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

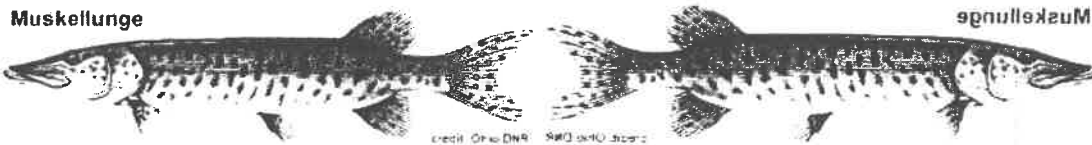
Fish ID DW-11 Weight 16.88 grams Length 12.4 cm Initials/Date MTL 28Jun11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

XX

Fish ID DW-12 Weight 9.33 grams Length 10.5 cm Initials/Date MTL 28Jun11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

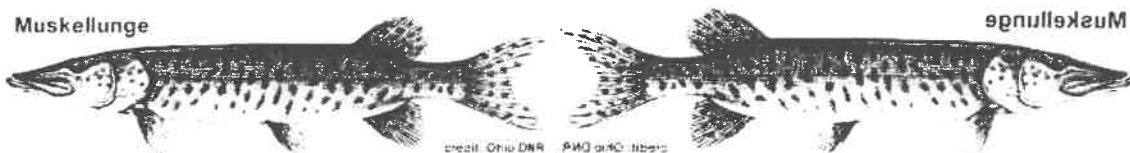
Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86  
Proofed: 30 JAN 12 89S Reviewed: \_\_\_\_\_

Page 7 of 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

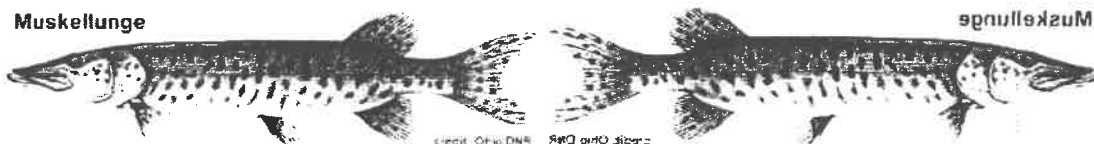
Fish ID 0W-13 Weight 9.91 grams Length 10.0 cm Initials/Date MTL 28 JUN 11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID 0W-14 Weight 11.87 grams Length 11.5 cm Initials/Date MTL 28 JUN 11



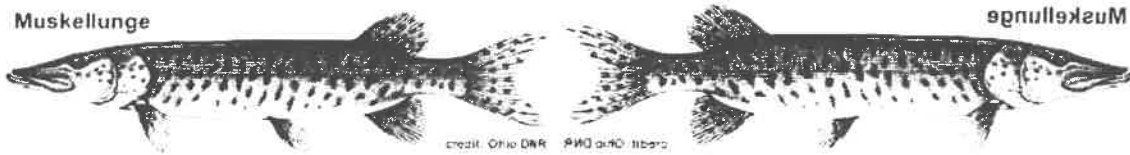
External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 8 of 15  
 Proofed: 30 JAN 12 875 Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

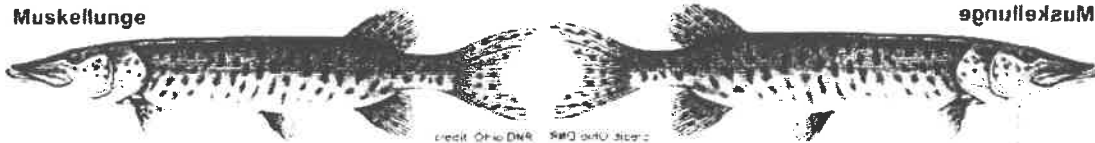
Fish ID OV-15 Weight 7.83 grams Length 10.0 cm Initials/Date MTL 28 JUL 11



External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

XX

Fish ID OV-16 Weight 12.97 grams Length 11.6 cm Initials/Date MTL 28 JUL 11

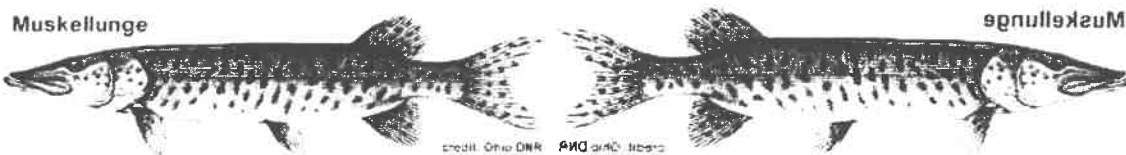


External findings	Internal findings	Observed by:
<u>NR</u>	<u>NR</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

Necropsy recording form

Lab data book/page(s): _____		File folder: <u>86</u>	Page <u>9</u> of <u>15</u>
Proofed: <u>30 JAN 12</u> <u>SJK</u>		Reviewed: _____	
<small>NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse</small>			

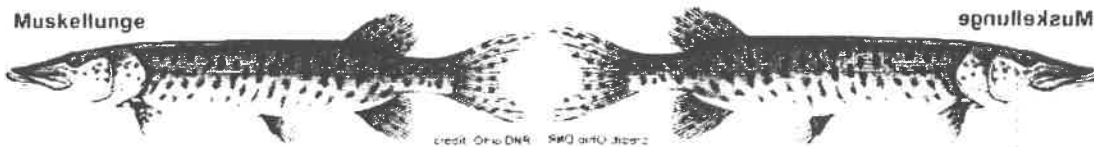
Fish ID OW-17 Weight 4.41 grams Length 8.3 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
<b>NR</b>	<b>NR</b>	MTL
		Recorded by:
		MTL

XX

Fish ID OW-18 Weight 9.74 grams Length 10.9 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
<b>NR</b>	<b>NR</b>	MTL
		Recorded by:
		MTL

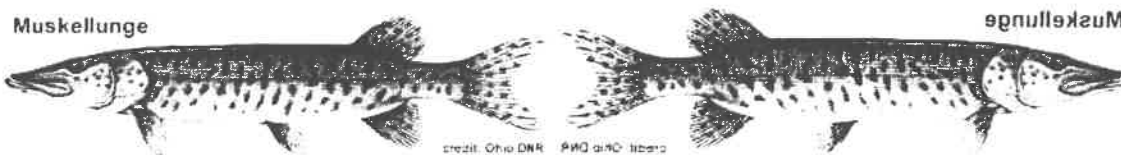


Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 10 of 15  
 Proofed: 30JAN12 SMS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

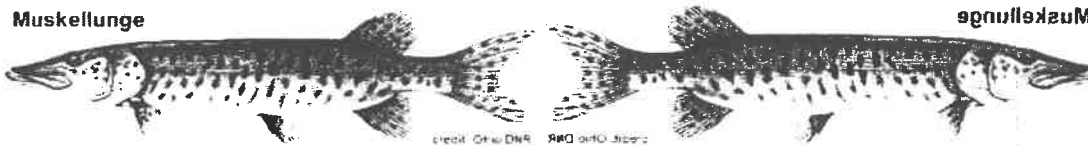
Fish ID OW-19 Weight 11.22 grams Length 11.0 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID OW-20 Weight 12.78 grams Length 11.5 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL







Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 86 Page 13 of 15  
 Proofed: 30 JAN 12 SUS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 0W-25 Weight 12.59 grams Length 11.3 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
NR	masses in kidney	MTL
		Recorded by:
		MTL

XX

Fish ID 0W-26 Weight 11.84 grams Length 11.5 cm Initials/Date MTL 28JUL11



External findings	Internal findings	Observed by:
NR	<del>masses in kidney</del> MTL recorded above 28JUL11	MTL
		Recorded by:
		MTL

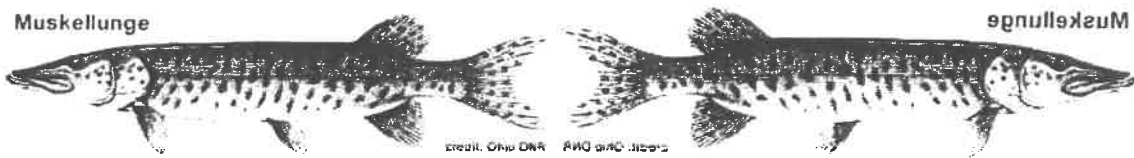


Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: 8b Page 15 of 15 ;  
 Proofed: 30 JAN 12 SWS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

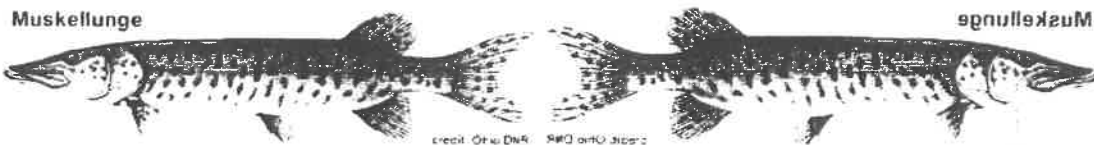
Fish ID OW-29 Weight 9.34 grams Length 10.8 cm Initials/Date 28 JUL 11 MTL



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

XX

Fish ID OW-30 Weight 10.04 grams Length 10.5 cm Initials/Date 28 JUL 11 MTL



External findings	Internal findings	Observed by:
NR	NR	MTL
		Recorded by:
		MTL

*[Handwritten Signature]*

Necropsy recording form

Lab data book/page(s): WAE#1/10 File folder: 8b Page 1 of 10

Proofed: 22 FEB 12 SUS Reviewed: CMU 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID T11-07 Weight 8.78 grams Length 10.1 cm Initials/Date SNS/2AUG11

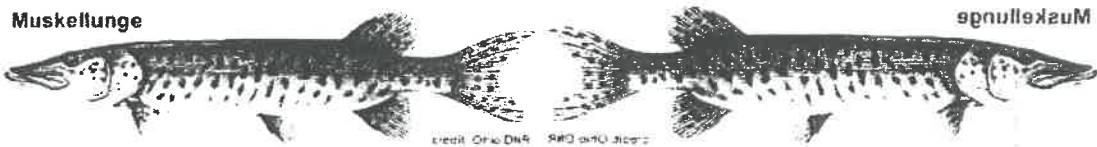
WAE



External findings	Internal findings	Observed by:
<i>some dark streaks on abd.</i>	<i>ascites, abd muscle, brownish</i>	<i>ARC</i>
		Recorded by:
		<i>SNS</i>

XX

Fish ID T11-08 Weight 12.95 grams Length 11.0 cm Initials/Date SNS/2AUG11



External findings	Internal findings	Observed by:
<i>yellow abd</i>	<i>ascites, liquid only, no identifiable organs</i>	<i>ARC</i>
		Recorded by:
		<i>SNS</i>

*Survivors*

*[Signature]*

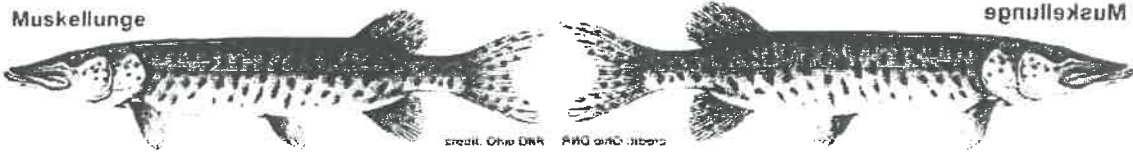
Necropsy recording form

Lab data book/page(s): WAE#1/10 File folder: 86 Page 2 of 10  
 Proofed: 22 FEB 12 SMS Reviewed: CMA 09 MAR 13

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID T12-07 Weight 7.33 grams Length 12.4 cm Initials/Date SMS/2 AUG 11

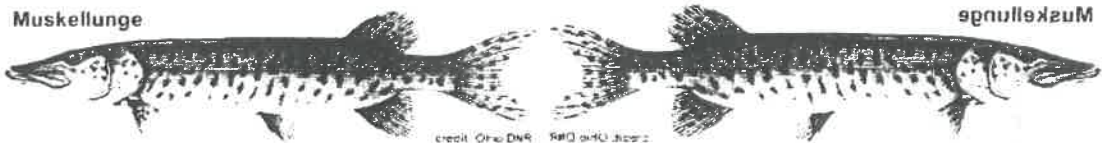
WAE



External findings	Internal findings	Observed by:
<i>intense yellow abd and tail</i>	<i>all liquid, yellow</i>	<i>ARC</i>
		Recorded by:
		<i>SMS</i>

XX

Fish ID T12-08 Weight 15.20 grams Length 12.0 cm Initials/Date SMS/2 AUG 11



External findings	Internal findings	Observed by:
<i>pale yellow abd</i>	<i>intense yellow organs, intact</i>	<i>ARC</i>
		Recorded by:
		<i>SMS</i>

*pic  
guts,  
picture  
taken of  
this fish's  
guts after  
it was  
opened.  
2 AUG 11  
SMS*

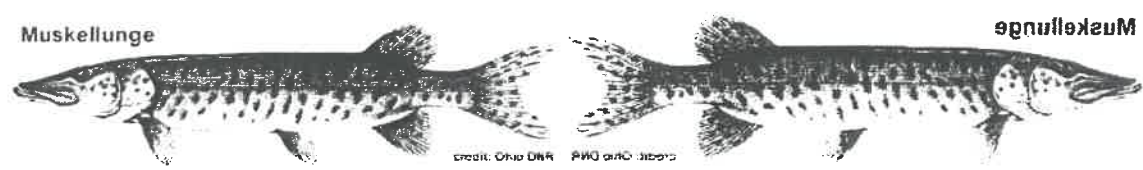
Necropsy recording form

Lab data book/page(s): WAE#1/10 File folder: 86 Page 3 of 10  
 Proofed: 22 FEB 12 SWS Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID T13-07 Weight 8.81 grams Length 10.5 cm Initials/Date SWS/2 AUG 11

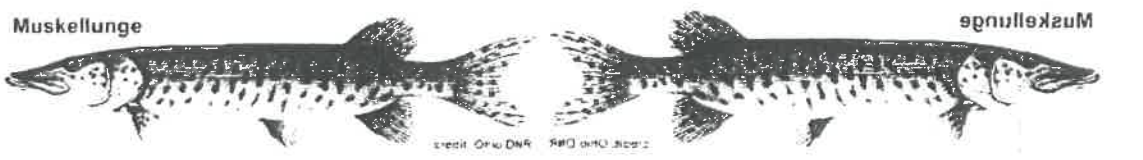
WAE



External findings	Internal findings	Observed by:
<i>pale yellow abd</i>	<i>intense yellow organs, intact</i>	<i>ARC</i>
		Recorded by:
		<i>SWS</i>

XX

Fish ID T13-08 Weight 14.04 grams Length 11.4 cm Initials/Date SWS/2 AUG 11



External findings	Internal findings	Observed by:
<i>intense yellow abd hem in pec fin area</i>	<i>yellow liquid only</i>	<i>ARC</i>
		Recorded by:
		<i>SWS</i>

*[Signature]*

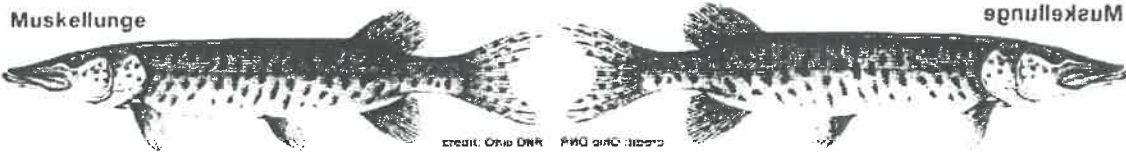
Necropsy recording form

Lab data book/page(s): WAE #1/10 File folder: 8b Page 4 of 10  
Proofed: 22 FEB 12 SMS Reviewed: CMM 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID T14-07 Weight 24.59 grams Length 13.9 cm Initials/Date 2 AUG 11 / SMS

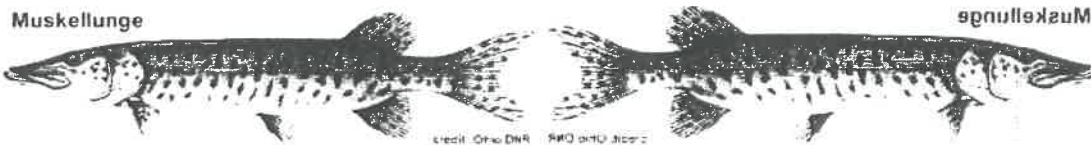
WAE



External findings	Internal findings	Observed by:
pale yellow abd. opaque eye	yellow liquid only	<i>[Signature]</i>
		Recorded by:
		SMS

XX

Fish ID T14-08 Weight 16.28 grams Length 11.9 cm Initials/Date SMS / 2 AUG 11



External findings	Internal findings	Observed by:
intense yellow abd, gut hemorrhages	yellow liquid only	<i>[Signature]</i>
		Recorded by:
		SMS

*[Signature]*

Necropsy recording form

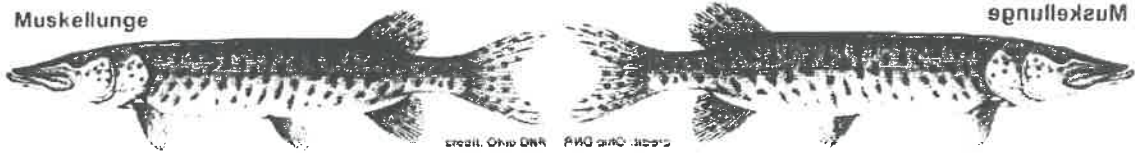
Lab data book/page(s): WAE #1/10 File folder: 86 Page 5 of 10

Proofed: 22 FEB 12 SWS Reviewed: CMN 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID T15-07 Weight 18.94 grams Length 12.8 cm Initials/Date SWS/2 AUG 11

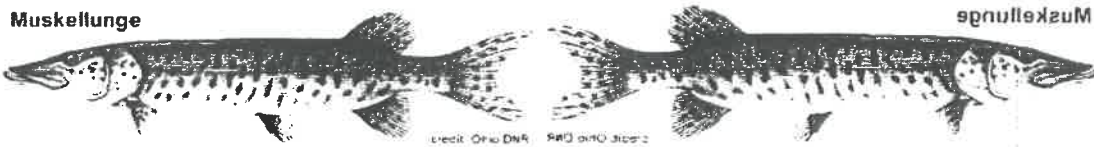
WAE



External findings	Internal findings	Observed by:
NAF	organs mush - <sup>dark</sup> brownish	<i>ARC</i>
		Recorded by:
		<i>SWS</i>

XX

Fish ID T15-08 Weight 10.16 grams Length 10.2 cm Initials/Date SWS/2 AUG 11



External findings	Internal findings	Observed by:
pale yellow abd.	yellow liquid only	<i>ARC</i>
		Recorded by:
		<i>SWS</i>



Necropsy recording form

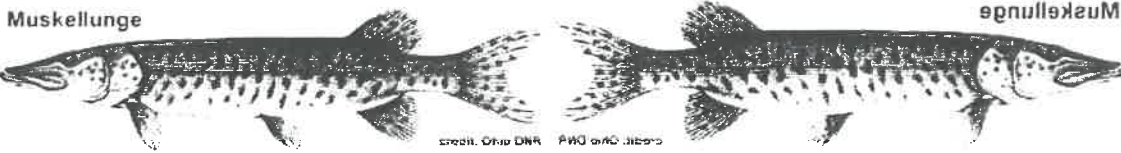
Lab data book/page(s): WAE #1/10 File folder: 86 Page 6 of 10

Proofed: 22 FEB 12 SWS Reviewed: cm 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID T16-07 Weight 3.28 grams Length 8.2 cm Initials/Date SWS/2 AUG 11

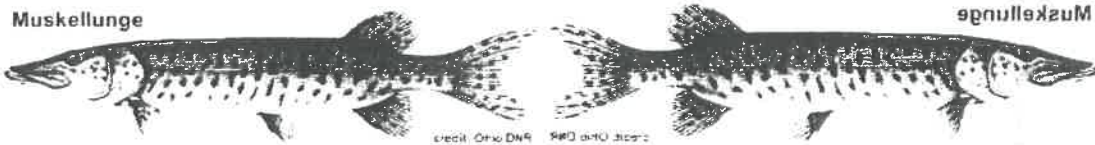
WNE



External findings	Internal findings	Observed by:
<u>intense yellow abd</u>	<u>yellow liquid only</u>	<u>ARC</u>
		Recorded by:
		<u>SWS</u>

XX

Fish ID T16-08 Weight 8.06 grams Length 9.5 cm Initials/Date 2 AUG 11 / SWS



External findings	Internal findings	Observed by:
<u>gill &amp; gut hemorrhages</u> <u>no yellow</u>	<u>organs intact, normal color</u>	<u>ARC</u>
		Recorded by:
		<u>SWS</u>

Necropsy recording form

Lab data book/page(s): WAE #1/10 File folder: 8b Page 7 of 10  
Proofed: 22 FEB 12 SMS Reviewed: CMM OAMARIS

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID T17-07 Weight 13.45 grams Length 11.6 cm Initials/Date SMS/2AUG11

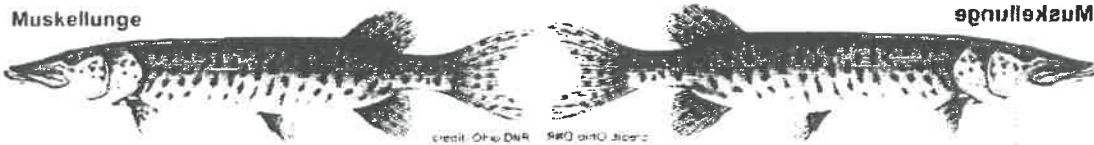
WAE



External findings	Internal findings	Observed by:
<u>intense yellow abd.</u>	<u>yellow liquid only</u>	<u>ARC</u>
		Recorded by:
		<u>SMS</u>

XX

Fish ID T17-08 Weight 3.12 grams Length 8.3 cm Initials/Date SMS/2AUG11



External findings	Internal findings	Observed by:
<u>pale yellow per. fins</u>	<u>pale yellow organs, intact</u>	<u>ARC</u>
		Recorded by:
		<u>SMS</u>

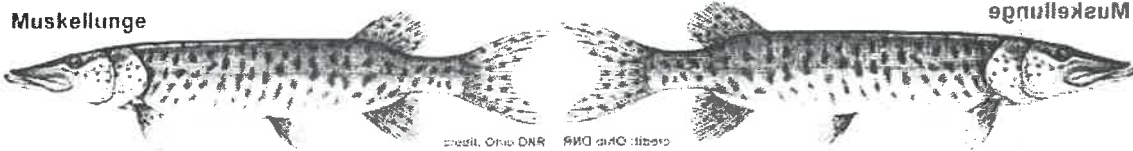


Necropsy recording form

Lab data book/page(s): WAE#1/10 File folder: 86 Page 9 of 10  
 Proofed: 22 FEB 12 SWS Reviewed: CMU 09 MAR 15

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID T19-07 Weight 14.82 grams Length 11.7 cm Initials/Date SWS/2 AUG 11

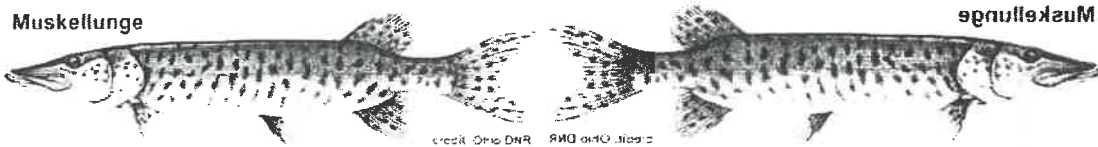


WAE

External findings	Internal findings	Observed by:
<i>pale yellow abd</i>	<i>intense yellow liquid only</i>	<i>AKM</i>
		Recorded by:
		<i>SWS</i>

XX

Fish ID T19-08 Weight 15.39 grams Length 11.9 cm Initials/Date SWS/2 AUG 11



External findings	Internal findings	Observed by:
<i>intense yellow abd</i>	<i>intense yellow, liquid only</i>	<i>AKM</i>
		Recorded by:
		<i>SWS</i>





Necropsy recording form (3)

Lab data book/page(s): File folder: Page of  
Proofed: Reviewed:

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

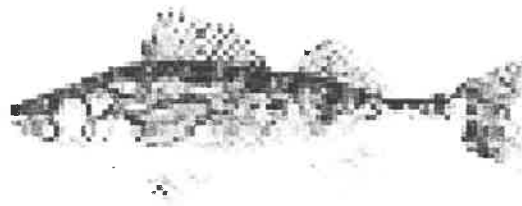
Fish ID Weight 2.8 grams Length 7.5 cm Initials/Date 14Jun12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 2 Weight 2.9 grams Length 7.3 cm Initials/Date 14Jun12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL



*[Signature]*

11/01/12

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_

Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 5 Weight 2.5 grams Length 7.0 cm Initials/Date 14Jun12/MTL



External findings	Internal findings	Observed by:
NR /NAF	NR /NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 6 Weight 2.6 grams Length 7.1 cm Initials/Date 14Jun12/MTL



External findings	Internal findings	Observed by:
NR /NAF	NR /NAF	MTL
		Recorded by:
		MTL



*[Signature]*

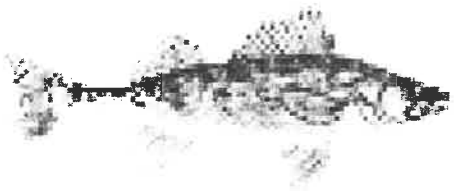
11 Jun 12

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 7 Weight 2.1 grams Length 6.6 cm Initials/Date MTL/11Jun12



External findings	Internal findings	Observed by:
NR /NAF	NR /NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 8 Weight 3.1 grams Length 7.7 cm Initials/Date MTL/11Jun12



External findings	Internal findings	Observed by:
NR /NAF	NR /NAF	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 9 Weight 3.9 grams Length 8.0 cm Initials/Date 11 JUN 12 / MTL



External findings	Internal findings	Observed by:
<u>NR/ NAF</u>	<u>NR/ NAF</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

XX

Fish ID 10 Weight 2.9 grams Length 7.2 cm Initials/Date 14 JUN 12 / MTL



External findings	Internal findings	Observed by:
<u>NR/ NAF</u>	<u>NR/ NAF</u>	<u>MTL</u>
		Recorded by:
		<u>MTL</u>

*[Signature]*

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

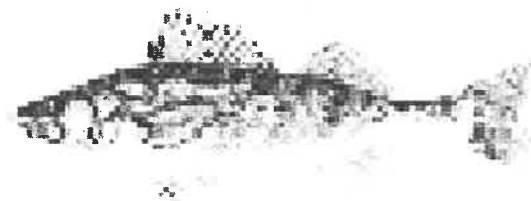
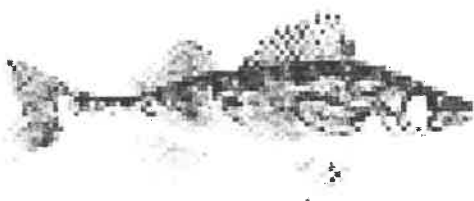
Fish ID 11 Weight 2.9 grams Length 7.2 cm Initials/Date 14 Jun 12 / MTL



External findings	Internal findings	Observed by:
NR/NAF	NR/NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 12 Weight 2.5 grams Length 7.7 cm Initials/Date 14 Jun 12 / MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

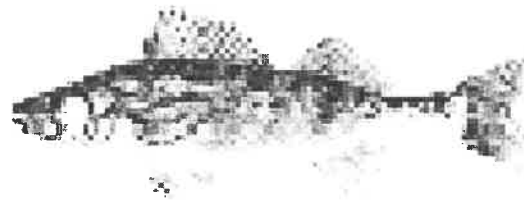
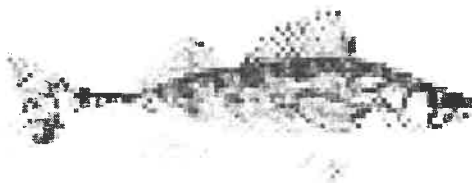
Fish ID 13 Weight 2.2 grams Length 6.8 cm Initials/Date 14Jun12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 14 Weight 3.3 grams Length 7.7 cm Initials/Date 14Jun12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

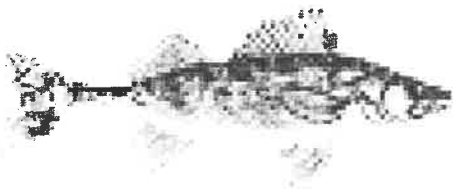
Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_\_ of \_\_\_\_

Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

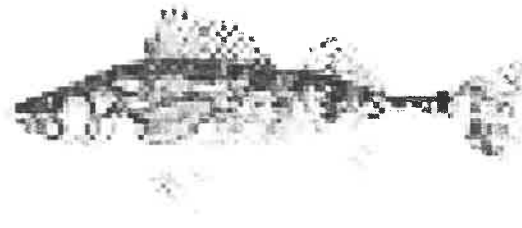
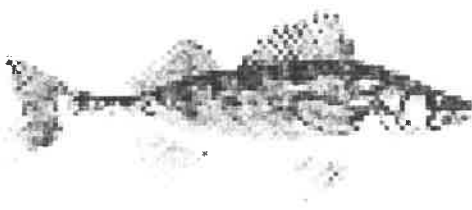
Fish ID 15 Weight 2.7 grams Length 7.0 cm Initials/Date 14JUN12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 16 Weight 2.2 grams Length 6.6 cm Initials/Date 14JUN12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

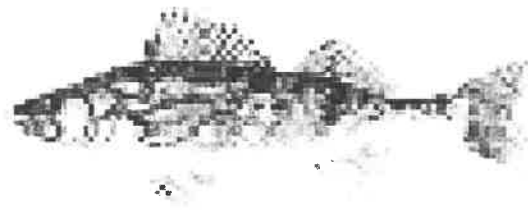
Fish ID 17 Weight 2.9 grams Length 7.3 cm Initials/Date 14JUN12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 18 Weight 2.4 grams Length 7.3 cm Initials/Date 14JUN12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

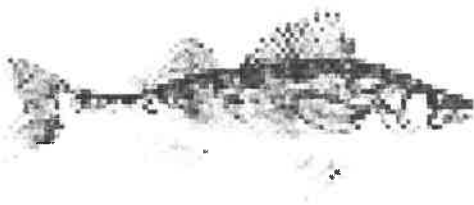
Fish ID 19 Weight 3.2 grams Length 7.4 cm Initials/Date 14JUN12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 20 Weight 3.7 grams Length 7.8 cm Initials/Date 14JUN12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

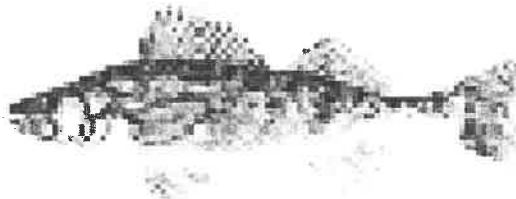
Fish ID 21 Weight 2.9 grams Length 7.5 cm Initials/Date 11Jun12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 22 Weight 1.5 grams Length 6.5 cm Initials/Date 14Jun12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL



Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_

Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 23 Weight 3.9 grams Length 7.6 cm Initials/Date 14JUN12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 24 Weight 2.7 grams Length 7.1 cm Initials/Date 14JUN12/MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

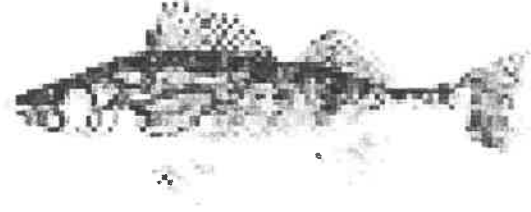
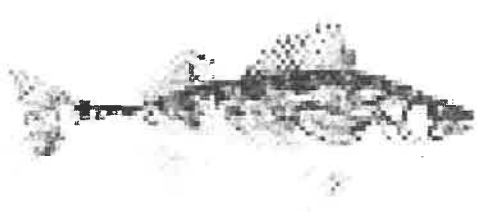
Fish ID 25 Weight 2.3 grams Length 7.0 cm Initials/Date 14 JUN 12 / MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL

XX

Fish ID 26 Weight 1.8 grams Length 6.4 cm Initials/Date 14 JUN 12 / MTL



External findings	Internal findings	Observed by:
NAF	NAF	MTL
		Recorded by:
		MTL







*[Signature]*

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

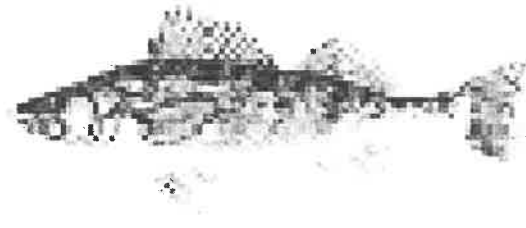
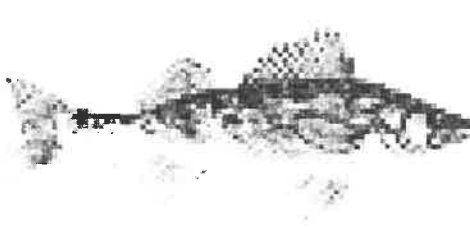
Fish ID A2-m3 Weight 3.3 grams Length 2.4 cm Initials/Date MPW 6/23/12



External findings	Internal findings	Observed by:
		Recorded by:

XX

Fish ID A2-m4 Weight 5.2 grams Length 8.2 cm Initials/Date MPW 6/24/12



External findings	Internal findings	Observed by:
		Recorded by:



Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_ of \_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

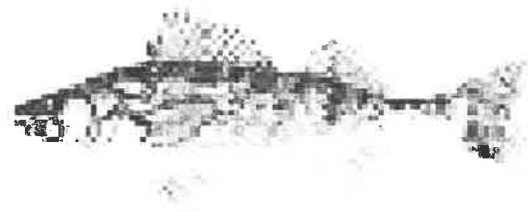
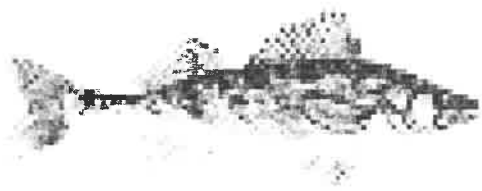
Fish ID AG-M1 Weight 5.1 grams Length 8.7 cm Initials/Date mpw 6/23/12



External findings	Internal findings	Observed by:
		Recorded by:

XX

Fish ID AG-M2 Weight 3.2 grams Length 7.4 cm Initials/Date mpw 6/24/12 <sup>mpw wrong date</sup>  
6/23/12



External findings	Internal findings	Observed by:
		Recorded by:













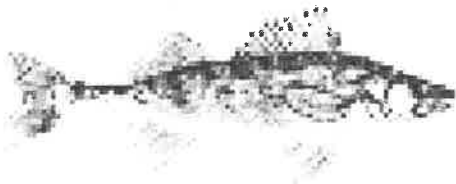


Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_\_ of \_\_\_\_  
 Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

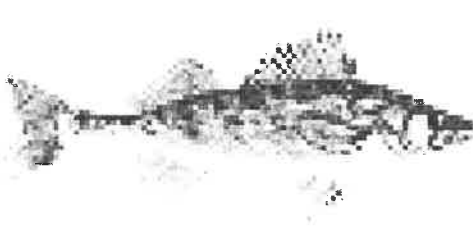
Fish ID AG-M15 Weight 3.1 grams Length 7.3 cm Initials/Date MPW 6/24/12



External findings	Internal findings	Observed by:
		Recorded by:

XX

Fish ID \_\_\_\_\_ Weight \_\_\_\_\_ grams Length \_\_\_\_\_ cm Initials/Date \_\_\_\_\_



External findings	Internal findings	Observed by:
		Recorded by:

Necropsy recording form

Lab data book/page(s): \_\_\_\_\_ File folder: \_\_\_\_\_ Page \_\_\_\_ of \_\_\_\_

Proofed: \_\_\_\_\_ Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

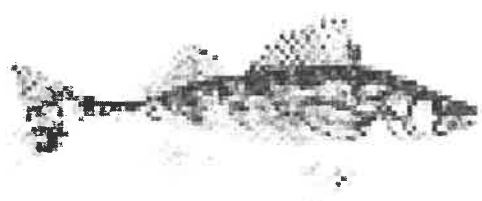
Fish ID A9-M1 Weight 4.3 grams Length 7.7 cm Initials/Date MPW 6-23-12



External findings	Internal findings	Observed by:
cloudy eyes		
		Recorded by:

XX

Fish ID A9-M2 Weight 3.0 grams Length 7.3 cm Initials/Date MPW 6-23-12



External findings	Internal findings	Observed by:
		Recorded by:



















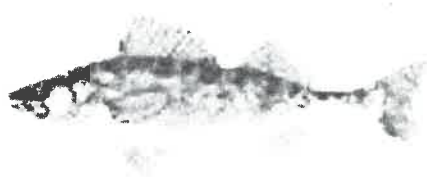
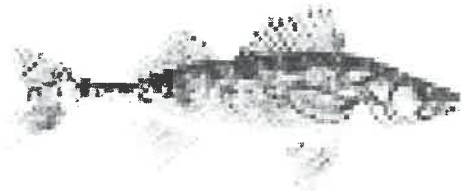




Necropsy recording form

Lab data book/page(s): 10-2/p92 File folder: 116 Page 1 of 17  
 Proofed: 25 NOV 14 SHS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

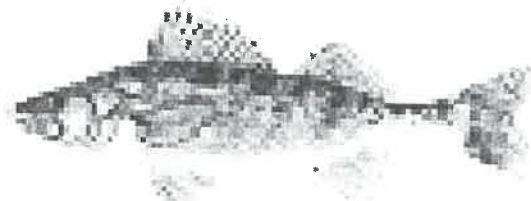
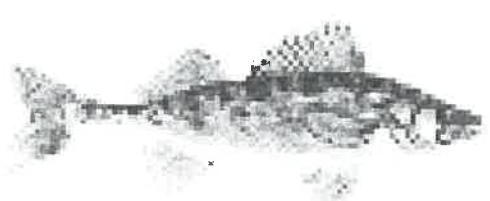
Fish ID 1 Weight 2.6 grams Length 7.1 cm Initials/Date 25 JUN 12 MTL





External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

XX

Fish ID 2 Weight 4.6 grams Length 8.6 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL



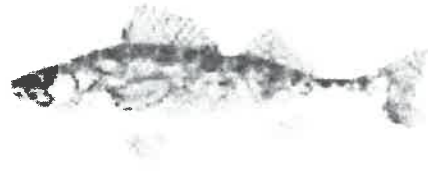
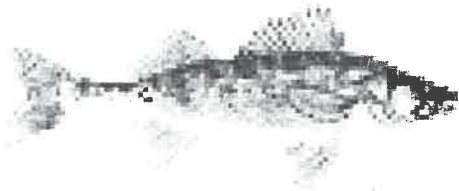


Necropsy recording form

Lab data book/page(s): 10-2/2 File folder: 11b Page 7 of 17  
 Proofed: 25 JUN 14 845 Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

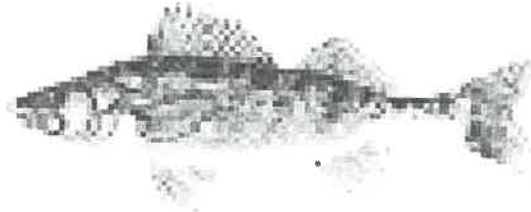
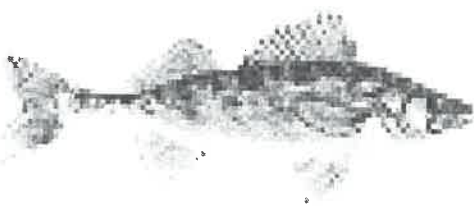
Fish ID 13 Weight 4.1 grams Length 8.2 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

XX

Fish ID 14 Weight 3.0 grams Length 7.4 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

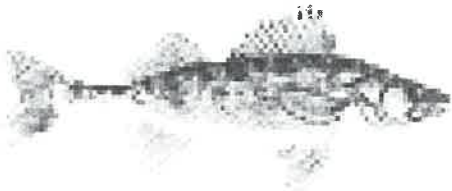
Necropsy recording form

Lab data book/page(s): 10-2/2 File folder: 11b Page 8 of 17

Proofed: 25 NOV 14 SUS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

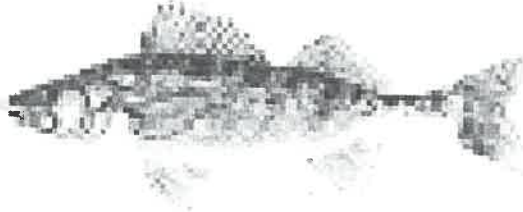
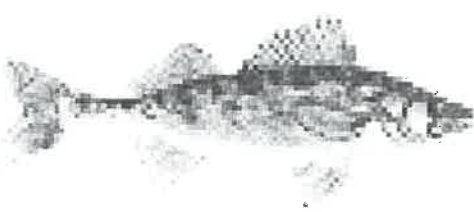
Fish ID 15 Weight 3.9 grams Length 8.1 cm Initials/Date 25/11/12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

XX

Fish ID 16 Weight 4.0 grams Length 8.7 cm Initials/Date 25/11/12 MTL



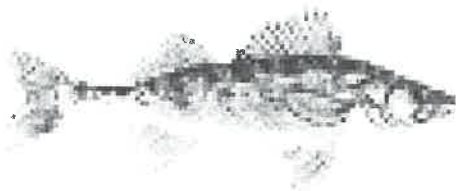
External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): 1C-2/2 File folder: 116 Page 9 of 17  
Proofed: 25 NOV 14 SMS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

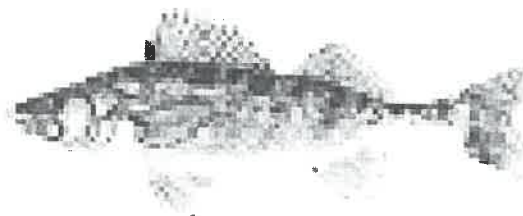
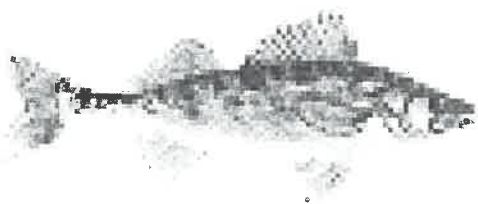
Fish ID 17 Weight 3.9 grams Length 8.2 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

XX

Fish ID 18 Weight 4.4 grams Length 8.4 cm Initials/Date 25 JUN 12 MTL



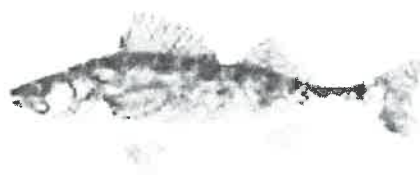
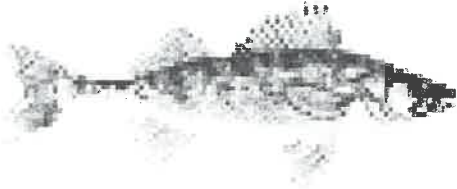
External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): 16.2/2 File folder: 116 Page 10 of 17  
 Proofed: 25 Nov 14 SJS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

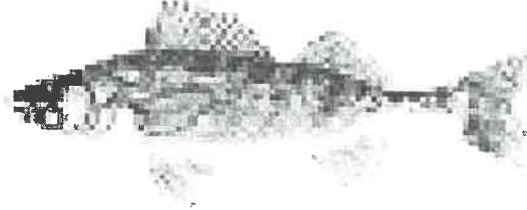
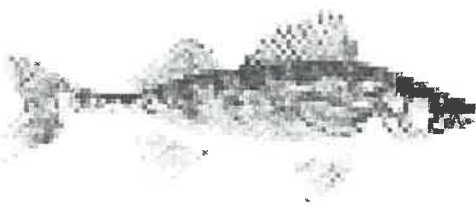
Fish ID 19 Weight 4.2 grams Length 8.7 cm Initials/Date 25 Jun 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

XX

Fish ID 20 Weight 4.8 grams Length 8.4 cm Initials/Date 25 Jun 12 MTL



External findings	Internal findings	Observed by:
	<u>-very dark kidney</u>	MTL
		Recorded by:
		MTL

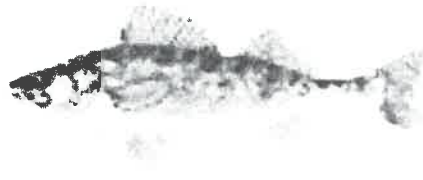
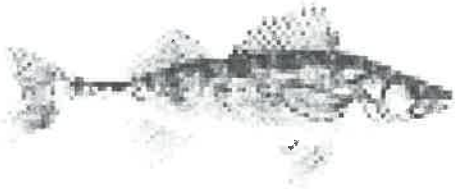
Necropsy recording form

Lab data book/page(s): 10-2/2 File folder: 116 Page 11 of 17

Proofed: 25 NOV 14 SJS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

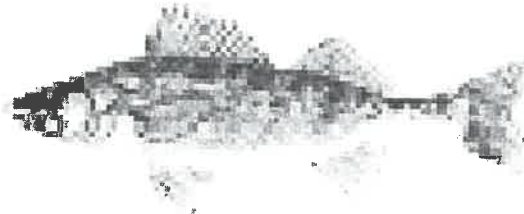
Fish ID 21 Weight 5.0 grams Length 8.9 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

XX

Fish ID 22 Weight 43 grams Length 8.0 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL



Necropsy recording form

Lab data book/page(s): 10-2/2 File folder: 116 Page 12 of 17  
 Proofed: 25 NOV 14 SUS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 23 Weight 4.3 grams Length 8.0 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
/	/	MTL
		Recorded by:
		MTL

XX

Fish ID 24 Weight 3.0 grams Length 8.0 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
lesion on @ side	nem. on/in kidney (front) hind	MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): 10-2/2

File folder: 11b

Page 13 of 17

Proofed: 25 NOV 14 SHS

Reviewed:

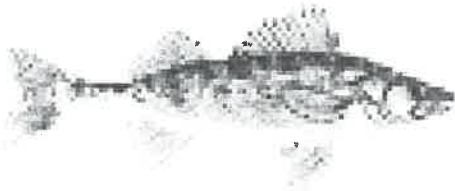
NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 25

Weight 3.7

grams Length 8.1

cm Initials/Date 25 Jun 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

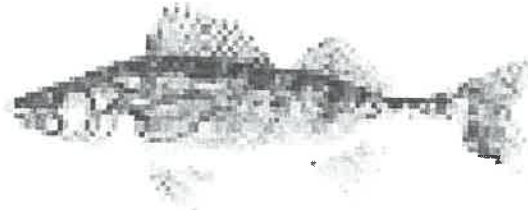
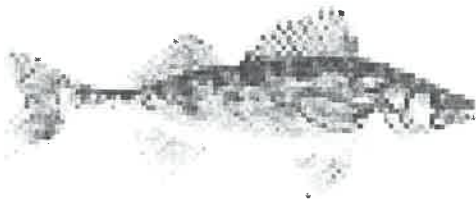
XX

Fish ID 24

Weight 3.9

grams Length 8.9

cm Initials/Date 25 Jun 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

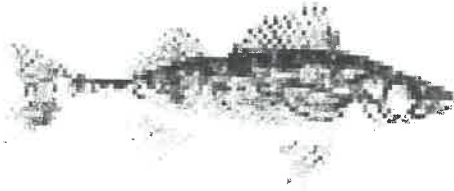




Necropsy recording form

Lab data book/page(s): 102/2 File folder: 116 Page 15 of 17  
 Proofed: 25 Nov 14 Sjs Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 29 Weight 3.1 grams Length 7.7 cm Initials/Date 25 JUN 12 MTL





External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

XX

Fish ID 30 Weight 4.9 grams Length 8.6 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

Necropsy recording form



Lab data book/page(s): 10-2/2 File folder: 11b Page 16 of 17  
 Proofed: 25 NOV 14 SMS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 31 SMS Weight 4.3 grams Length 7.9 cm Initials/Date 25 JUN 12 MTL

*3.80 mm long fish 25 JUN 12 MTL*





External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

XX

Fish ID 32 Weight 35 grams Length 7.7 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
		MTL
		Recorded by:
		MTL

Necropsy recording form

Lab data book/page(s): 10-2/2 File folder: 116 Page 17 of 17  
 Proofed: 25 NOV 14 JMS Reviewed: \_\_\_\_\_

NAF = No abnormal findings Severity: 1=Mild 2=Moderate 3=Severe CB=cartilage breaks GIH=gill hemorrhage  
 SH=skin hemorrhage SA=skin abscess SN=skin necrosis HH=hole in head FH=fin hemorrhage LH=liver hemorrhage  
 AS=ascites SK=swollen kidney GH=gut hemorrhage CS=congested spleen F=Focal M=multifocal E=extensive D=diffuse

Fish ID 33 Weight 5.1 grams Length 9.0 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
/	/	MTL
		Recorded by:
		MTL

XX

Fish ID 34 Weight 2.7 grams Length 7.0 cm Initials/Date 25 JUN 12 MTL



External findings	Internal findings	Observed by:
/	/	MTL
		Recorded by:
		MTL