

APPENDIX B: FISH DISSECTION FORMS
(Located on enclosed CD)

These forms, on the enclosed CD, were filled out during the fish dissections, and document species, timing, tissues, ancillary data and blanks.

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07-26-01 latitude: 70° 25.958¹⁶ N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 m Pt
 method of take: Fyke net species: (DV) dolly varden
 period of deployment: 07-25^{6pm} - 07-26^{2pm} recorder: FCL
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG/SB
 start time: 17:03 recorder: FCL
 finish time: 17:08 specimen code: DV
 standard length(mm): 460 weight(kg): 0.8
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

~~liver sample for RCS?:~~ Bile sample code: 01-SIS-01-FAC-T-DV
~~liver sample for T.M.?:~~ sample code: _____
~~muscle sample for T.M.?:~~ sample code: 01-SIS-01-FAC-T-PV
~~liver sample for Organics?:~~ sample code: _____
 liver sample for P-450?: sample code: 01-SIS-01-CYP-T-DV
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
~~other samples taken?:~~ comments: stump island
Gonads for P-450

almost ripe, added spleen and belly meat for P-450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' ^{sec} N
 time collected: 14:50 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 m Pt
 method of take: Fyke species: (AC) Arctic Cisco
 period of deployment: 0725/0726 recorder: Felw
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG, JB
 start time: 17:10 recorder: Felw
 finish time: 17:16 specimen code: AC
 standard length(mm): 285 weight(kg): 200(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: ?

SAMPLES

^{Bile (FAC)}
 liver sample for RGS?: sample code: 01-SIS-02-FAC-T-AC
 liver sample for T.M.?: sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-02-PHC-T-AC
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-02-CYP-T-AC
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 gonad other samples taken?: NA comments: ↓
 muscle P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0726-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 325 Pt
 method of take: Fyke net. species: Arctic Cisco (AC)
 period of deployment: 725/726 recorder: FE
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: JL, JB
 start time: 17:17 recorder: FE
 finish time: _____ specimen code: AC
 standard length(mm): 270 weight(kg): 100(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: ?

SAMPLES

~~liver sample for RGS?:~~ Bile FAC sample code: 01-SIS-03-FAC-T-AC
~~liver sample for T.M.?:~~ _____ sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-03-PHC-T-AC
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-03-CYP-T-AC
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
~~other samples taken?:~~ NA comments: ✓

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.9221' W
 station code: S15 depth(m): 325 f_w
 method of take: Fyke net species: Arctic C:500 (AC)
 period of deployment: 0725-0726 recorder: FCL
 alive when caught?: Yes

DISSECTION

date: 07-26-01 dissector: JG, JB
 start time: _____ recorder: FCL
 finish time: _____ specimen code: AC
 standard length(mm): 280 weight(kg): 0.100g
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: (?)

SAMPLES

^{Bile FAC}
 liver sample for RGS?: sample code: 01-S15-04-FAC-T-AC
~~liver sample for T.M.?: _____ sample code: _____~~
~~muscle sample for T.M.?: _____ sample code: _____~~
 liver sample for Organics ^{Fin}: sample code: 01-S15-04-PHC-T-AC
 liver sample for P-450?: sample code: 01-S15-04-PHC-T-AC
 gill sample for P-450?: sample code: CYP
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{p450} ~~other samples taken?:~~ NA comments: ↓

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Arctic cisco (AC)
 period of deployment: 07-25/07-26 recorder: FLR
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: JG, JB
 start time: _____ recorder: FLR
 finish time: _____ specimen code: AC
 standard length(mm): 280 weight(kg): 100g
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: ?

SAMPLES

^{Bile}
 @ liver sample for RGS?: sample code: 01-SIS-05-FAC-T-AC
 @ liver sample for T.M.?: _____ sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-05-PHC-T-AC
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-05-CYP-T-AC
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 gonads ^{P450} - other samples taken?: NA comments: _____

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N^{±0}
 time collected: 14:00 longitude: 148° 41.922' W.
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Arctic cisco (AC)
 period of deployment: 0725/0726 recorder: FEL
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG, JB
 start time: _____ recorder: FEL
 finish time: _____ specimen code: AC
 standard length(mm): 280 weight(kg): 100g
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F(?)

SAMPLES

^{Ble}
~~liver sample for RGS?~~ sample code: 01-SIS-06-FAC-T-AC
~~liver sample for T.M.?~~ _____ sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-00-PHC-T-AC
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-06-CYP-T-AC
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{gonad} ~~other samples taken?~~ comments: ↓
^{P450}

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 072601 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Arctic cisco (AC)
 period of deployment: 0725/0726 recorder: FR
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: FR
 finish time: _____ specimen code: AC
 standard length(mm): 290 weight(kg): 100(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

^{Bile}
 liver sample for RGS?: sample code: 01-SIS-07-FAC-T-AC
~~liver sample for T.M.?: _____ sample code: _____~~
 muscle sample for T.M.?: sample code: 01-SIS-07-^{PAC}T-AC
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-07-CYP-T-AC
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{general} other samples taken?: comments: no ~~muscle~~ muscle tissue included (possibly exclude) FR
_{P-450}

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0726-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Arctic cisco (AC)
 period of deployment: 0725/0726 recorder: FO
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: FO
 finish time: _____ specimen code: AC
 standard length(mm): 290 weight(kg): 150g
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

^{bile}
 liver sample for RGS?: sample code: 01-SIS-08-FAC-T-AC
~~liver sample for T.M.?: _____~~ sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-08-PHC-T-AC
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-08-CYP-T-AC
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{general P450} other samples taken?: comments: ↓

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: S15 depth(m): 3.25 f
 method of take: Fyke net species: Arctic cisco (AC)
 period of deployment: 0725/0726 recorder: Fdr
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: Fdr
 finish time: _____ specimen code: AC
 standard length(mm): 270 weight(kg): 100(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: ? (present)

SAMPLES

^{bile}
~~liver sample for RGS?:~~ sample code: 01-S15-09-FAC-T-AC
~~liver sample for T.M.?:~~ sample code: _____
 muscle sample for T.M.?: sample code: 01-S15-09-PHC-T-AC
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-S15-09-CYP-T-AC
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{gonad} ~~other samples taken?:~~ comments: _____

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 072601 latitude: 70° 25.5²⁵⁸8' N
 time collected: 14:00 longitude: 148° 41.922 W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: (AC) white cisco
 period of deployment: 0725/0726 recorder: FCH
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: FCH
 finish time: 17:45 specimen code: AC
 standard length(mm): 290 weight(kg): 100 (g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: ? (too small) ♂

SAMPLES

~~liver~~ ^{bile} sample for RGS?: sample code: 01-SIS-10-FAC-T-AC
 liver sample for T.M.?: sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-10-PHC-T-AC
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-10-CYP-T-AC
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 gonad ^{P-450} other samples taken?: none comments: _____

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: NA
 time collected: 14:00 longitude: NA
 station code: SIS depth(m): 3.25 ft
 Ⓟ method of take: Fyke net/EF species: Equipment Blank (EB)
 period of deployment: 0725/0726 recorder: Fell
 alive when caught?: yes

* dissection equipment Blank

DISSECTION

date: 07.26.01 dissector: JG/JB
 start time: 17:50 recorder: Fell
 finish time: 17:55 specimen code: EB
 standard length(mm): NA weight(kg): NA
 external abnormalities/parasites: _____
 internal abnormalities/parasites: _____
 sex: NA

SAMPLES

@ ~~two~~ bile
 liver sample for RGS?: sample code: 01-SIS-11-FAC-EB-Q1
 @ liver sample for T.M.?: sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-11-PHC-EB-Q1
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: NA sample code: NA
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450?: sample code: _____
 other samples taken?: comments: _____

collected DI Rinstate Ⓜ

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 1400 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 f
 method of take: Fyke net species: Humpback Whitefish (HW)
 period of deployment: 0725/0726 recorder: Fdl
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: JG
 start time: _____ recorder: Fdl
 finish time: _____ specimen code: HW
 standard length(mm): 470 weight(kg): 600(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

^{Bile}
 liver sample for RGS?: sample code: 01-SIS-12 - FAC - T - HW
~~liver sample for T.M.?: _____ sample code: _____~~
 muscle sample for T.M.?: sample code: 01-SIS-12 - PHC - T - HW
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-12 - P450 - T - HW
 gill sample for P-450?: sample code: _____
^{spleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{gonad P450} other samples taken?: comments: _____
 muscle P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Humpback white fish (HW)
 period of deployment: 0725/07/04 recorder: Fer
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: Fer
 finish time: _____ specimen code: HW
 standard length(mm): ~ 465 weight(kg): 750 (g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

^{liver}
~~liver~~ sample for RGS?: sample code: 01-SIS-13-FAC-T-HW
 @ ~~liver~~ sample for T.M.?: _____ sample code: @
 muscle sample for T.M.?: sample code: 01-SIS-13-PHC-T-HW
 liver sample for Organics?: sample code: @
 liver sample for P-450?: sample code: 01-SIS-13-CYP-T-HW
 gill sample for P-450?: sample code: _____
^{spleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{gonad P450} other samples taken?: comments: ↓
 muscle P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 fr
 method of take: Fyke net species: Humpback whitefish (Hw)
 period of deployment: 0725/0726 recorder: FD
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: FD
 finish time: _____ specimen code: HW
 standard length(mm): 438 weight(kg): 700(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

^{bile} liver sample for RGS?: sample code: 01-SIS-14-FAC-T-HW
~~liver sample for T.M.?: sample code: Ⓜ~~
 muscle sample for T.M.?: sample code: 01-SIS-14-PHC-T-HW
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-14-CYP-T-HW
 gill sample for P-450?: sample code: _____
^{spleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{gonads P450} other samples taken?: comments: ✓
muscle P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 0726-01 latitude: 70° 25.758' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: S15 depth(m): 325 ft
 method of take: Fyke net species: Humpback whitefish (HW)
 period of deployment: 0725/0726 recorder: Fa
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: Fa
 finish time: _____ specimen code: HW
 standard length(mm): @ 45 415 weight(kg): 600(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

^{Bile}
~~liver sample for RGS?: _____~~ sample code: 01-S15-15-FAC-T-HW
 @ ~~liver sample for T.M.?: _____~~ sample code: _____
 muscle sample for T.M.?: > sample code: > 01-S15-15-FAC-T-HW
 liver sample for Organics?: > sample code: _____
 liver sample for P-450?: ✓ sample code: 01-S15-15-CYP-T-HW
 gill sample for P-450?: ✓ sample code: _____
 spleen/kidney sample for P-450?: ✓ sample code: _____
 heart sample for p-450? ✓ sample code: _____
 gonad P450 other samples taken?: ✓ comments: ↓
 muscle P450 ✓

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 072601 latitude: 70° 25.958' W
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Humpback White fish
 period of deployment: 0725/0726 recorder: FQR
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: FQR
 finish time: _____ specimen code: HW
 standard length(mm): 411 weight(kg): 500(g)
 external abnormalities/parasites: _____
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-16-FAC-T-HW
 liver sample for T.M.?: sample code: (circled)
 muscle sample for T.M.?: sample code: 01-SIS-16-PHC-T-HW
 liver sample for Organics?: sample code: 01-SIS-16-CYP-T-HW
 liver sample for P-450?: sample code: _____
 gill sample for P-450?: sample code: _____
spleen kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
gonad p450 other samples taken?: comments: _____
muscle p450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 072601 latitude: 70° 25.858' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 PX
 method of take: Fyke net species: Humpback white (HW)
 period of deployment: 07-25/0726 recorder: FQ
 alive when caught?: YES

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: FQ
 finish time: _____ specimen code: HW
 standard length(mm): 418 weight(kg): 600(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: ↓
 sex: M

SAMPLES

^{Bile}
 liver sample for RGS?: sample code: 01-SIS-17-FAC-T-HW
~~liver sample for T.M.?: _____ sample code: _____~~
 muscle sample for T.M.?: sample code: 01-SIS-17-PHC-T-HW
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-17-CYP-T-HW
 gill sample for P-450?: sample code: _____
^{spleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: ↓
muscle P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 072601 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Humpback white fish (HW)
 period of deployment: 0725/0726 recorder: Fca
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: JG
 start time: _____ recorder: Fca
 finish time: _____ specimen code: HW
 standard length(mm): 440 weight(kg): 600(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: Tapeworms
 sex: F

SAMPLES

Bite
~~liver sample for RGS?: ✓~~ sample code: 01-SIS-18-FAC-T-HW
~~liver sample for T.M.?: _____~~ sample code: _____
 muscle sample for T.M.?: _____ sample code: 01-SIS-18-PHC-T-HW
 liver sample for Organics?: _____ sample code: _____
 liver sample for P-450?: ✓ sample code: 01-SIS-18-CYP-T-HW
 gill sample for P-450?: ✓ sample code: _____
~~kidney sample for P-450?: ✓~~ sample code: _____
 heart sample for p-450? ✓ sample code: _____
 gonad p450 other samples taken?: ✓ comments: _____
 muscle - p450 - ✓

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 0726-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 fath
 method of take: Fyke net species: Humpback White fish (HW)
 period of deployment: 0725/0726 recorder: FR
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: JG
 start time: _____ recorder: HW FR
 finish time: _____ specimen code: HW
 standard length(mm): @ 400 402 weight(kg): 500(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: Tapeworms
 sex: F (well developed, but not translucent)

SAMPLES

^{Bale}
 liver sample for RGS?: sample code: 01-SIS-19-FAC-T-HW
~~liver sample for T.M.?: _____ sample code: _____~~
 muscle sample for T.M.?: sample code: 01-SIS-19-PHC-T-HW
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-19-PHC^{CYP}-T-HW
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 gonad ^{P-450} other samples taken?: comments: _____
 muscle p-450 _____

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3-25 ft
 method of take: Fyke net species: Humpback whitefish (HW)
 period of deployment: 0725/0726 recorder: Fca
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: SB
 start time: _____ recorder: Fca
 finish time: _____ specimen code: HW
 standard length(mm): 429 weight(kg): 600 (g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: Tapeworms
 sex: M

SAMPLES

^{Bile}
~~liver sample for RGS?:~~ sample code: 01-SIS-20-FAC-T-HW
~~liver sample for T.M.?:~~ sample code: (HW)
 muscle sample for T.M.?: sample code: 01-SIS-20-PHC-T-HW
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-20-PHC-T-HW
 gill sample for P-450?: sample code: _____
^{spleen}/kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{gonad P450} other samples taken?: comments: _____
 muscle P450 taken

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 0726-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fykenet species: Humpback whitefish (HW)
 period of deployment: 0725/0726 recorder: FCR
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: JG
 start time: _____ recorder: Fer
 finish time: _____ specimen code: HC
 standard length(mm): 395 weight(kg): 500(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: ↓
 sex: M

SAMPLES

^{Bile}
~~liver sample for RGS?~~ sample code: 01-SIS-21-FAC-T-HW
~~liver sample for T.M.?~~ sample code: Ⓢ
 muscle sample for T.M.?: sample code: 01-SIS-21-PHC-T-HW
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-21-PCYP-T-HW
 gill sample for P-450?: sample code: _____
^{Spleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{gonad P450} other samples taken?: comments: ↓
muscle P450 taken

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 072601 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: 515 depth(m): 3.25 ft
 method of take: Fyke net species: Humpback Whitefish (HW)
 period of deployment: 0725/0726 recorder: FEL
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JB
 start time: _____ recorder: FEL
 finish time: _____ specimen code: HW
 standard length(mm): 423 weight(kg): 600 (g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

^{Bile}
~~liver sample for RGS?~~ sample code: 01-515-22-FAC-T-HW
^(w) ~~liver sample for T.M.?~~ _____ sample code: _____
 muscle sample for T.M.?: sample code: 01-515-22-PHC-T-HW
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-515-22-CYP-T-HW
 gill sample for P-450?: sample code: _____
^{spleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{genus P450} other samples taken?: comments: _____
muscle P450 taken

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 0726-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 178° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Humpback white fish (HW)
 period of deployment: 0725/0726 recorder: Fer
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: _____ recorder: Fer
 finish time: _____ specimen code: HW
 standard length(mm): 428 weight(kg): 800(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: Tapeworms
 sex: M

SAMPLES

^{pile}
~~liver sample for RGS?:~~ sample code: 01-SIS-23-FAC-T-HW
~~liver sample for T.M.?:~~ sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-23-PHC-T-HW
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-23-CYP-T-HW
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
^{gonad P450} other samples taken?: comments: _____
muscle P450 taken

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: S15 depth(m): 3.25 ft
 method of take: Pyke net. species: Humpback white fish (HW)
 period of deployment: 0725/0726 recorder: Fer
 alive when caught?: Yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: 18:41 recorder: Fer
 finish time: 18:50 specimen code: HW
 standard length(mm): 419 weight(kg): 500(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

~~liver sample for RGS?:~~ Bile sample code: 01-S15-24-FAC-T-HW
~~liver sample for T.M.?:~~ sample code: (scribble)
 muscle sample for T.M.?: sample code: 01-S15-24-PHC-T-HW
 liver sample for Organics?: sample code: 01-S15-24-CYP-T-HW
 liver sample for P-450?: sample code: _____
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 gonad P450 other samples taken?: comments: _____
Muscle P450 taken

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Arctic Clounder (AF)
 period of deployment: 0725/0726 recorder: Fell
 alive when caught?: yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: 18:50 recorder: Fell
 finish time: 19:00 specimen code: AF
 standard length(mm): 215 weight(kg): 150(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

Bile

SAMPLES

liver sample for RGS?: sample code: 01-SIS-25-FAC-T-AF
~~liver sample for T.M.?: sample code: Ⓢ~~
 muscle sample for T.M.?: sample code: 01-SIS-25-PHC-T-AF
 liver sample for Organics?: sample code: 01-SIS-25-CYP-T-AF
 liver sample for P-450?: sample code: 01-SIS-25-CYP-T-AF
 gill sample for P-450?: sample code: ↓
 kidney sample for P-450?: NA sample code: ↓
 heart sample for p-450? sample code: ↓
 gonad P450? other samples taken?: comments: ↓
muscle P450 taken ✓

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: S15 depth(m): 3.25 dy
 method of take: Fyke net species: 4-horn Sculpin (FS)
 period of deployment: 0725/0726 recorder: FQ
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: JG
 start time: 19:00 recorder: FQ
 finish time: _____ specimen code: FS
 standard length(mm): 205 weight(kg): 150(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

^{Bile}
 liver sample for RGS?: sample code: 01-S15-26-FAC-T-FS
~~liver sample for T.M.?: _____ sample code: _____~~
 muscle sample for T.M.?: sample code: 01-S15-26-PHC-T-FS
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-S15-26-CYP-T-FS
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 gonad P450 other samples taken?: comments: _____
Muscle P450 taken ✓

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fykeret species: four horn Scaulpin (FS)
 period of deployment: 0725-0726 recorder: Fcl
 alive when caught?: yes

DISSECTION

date: 0726-01 dissector: JL
 start time: _____ recorder: Fcl
 finish time: _____ specimen code: FS
 standard length(mm): 208 weight(kg): 100(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

~~liver~~ ^{Bile} sample for RGS?: sample code: 01-SIS-27-FAC-T-FS
~~liver~~ sample for T.M.?: _____ sample code: _____
 muscle sample for T.M.?: sample code: 01-SIS-27-PHC-T-FS
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-27-CYP-T-FS
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 gonads ^{p450} other samples taken?: comments: _____
FS muscle
p450 muscle tissue ✓

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-26-01 latitude: 70° 25.958' N
 time collected: 14:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3-25 ft
 method of take: Fyke net species: four horn sculpin (FS)
 period of deployment: 0725/0726 recorder: FA
 alive when caught?: Yes

DISSECTION

date: 07-26-01 dissector: JG
 start time: 19:00 recorder: FA
 finish time: 19:10 specimen code: FS
 standard length(mm): 208 weight(kg): 100(g)
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

~~liver sample for RGS?: NA sample code: NA~~
~~liver sample for T.M.?: NA sample code: NA~~
 muscle sample for T.M.?: sample code: 01-SIS-28-PHC-T-FS
 liver sample for Organics?: sample code: _____
 liver sample for P-450?: sample code: 01-SIS-28-CYP-T-FS
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
 muscle p-450 taken

end of dissecting diary
@ 0726-01

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-28-01 latitude: 70° 29.58' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke species: Polly Varden (DV)
 period of deployment: 07/27/01-07/28 recorder: FR
 alive when caught?: yes

DISSECTION

date: 07-28-01 dissector: JG
 start time: 10:45 recorder: FR
 finish time: 10:50 specimen code: DV
 standard length(mm): 345 weight(kg): 345 @ 300
 external abnormalities/parasites: N
 internal abnormalities/parasites: N
 sex: ?

SAMPLES

^{Bile}
 liver sample for RGS?: sample code: 01-SIS-29-FAC-T-DV
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics? Tm sample code: 01-SIS-29-PHC-T-DV
 liver sample for P-450?: sample code: 01-SIS-29-CYP-T-DV
 gill sample for P-450?: sample code: _____
^{toleey} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
^{General P450}
Muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 0728.01 latitude: 70° 25.958' N
 time collected: 09.00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke species: Dolly Varden (DV)
 period of deployment: 0727/0728 recorder: fdh
 alive when caught?: yes

DISSECTION

date: 07-28-01 dissector: JG
 start time: 10:51 recorder: fdh
 finish time: 10:59 specimen code: DV
 standard length(mm): 440 weight(kg): 600 600
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

~~liver~~ ^{Ble} sample for RGS?: sample code: 01-SIS-30-FAC-T-DV
~~liver~~ sample for T.M.?: sample code: _____
~~muscle~~ sample for T.M.?: sample code: _____
~~liver~~ sample for Organics? sample code: 01-SIS-30-PHC-T-DV
 liver sample for P-450?: sample code: 01-SIS-36-CYP-T-DV
 gill sample for P-450?: sample code: _____
^{pleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
~~other samples taken?~~ _____ comments: Liver discolored, braised
 gonad P450
 muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07.28.01 latitude: 70° 25.958 'N
 time collected: 09:00 longitude: 148° 41.922 'W
 station code: SIS depth(m): 325 ft
 method of take: Fyke net species: Fourhorn Sailfin (FS)
 period of deployment: 0727/0728 recorder: FCA
 alive when caught?: yes

DISSECTION

date: 07.28.01 dissector: JG
 start time: _____ recorder: FCA
 finish time: _____ specimen code: FS
 standard length(mm): 200 weight(kg): 87
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

~~liver sample for RGS?:~~ Bike sample code: 01-SIS-31-FAC-T-FS
~~liver sample for T.M.?:~~ _____ sample code: _____
~~muscle sample for T.M.?:~~ _____ sample code: _____
~~liver sample for Organics?:~~ sample code: 01-SIS-31-PHC-T-FS
 liver sample for P-450?: sample code: 01-SIS-31-CYP-T-FS
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
~~other samples taken?:~~ _____ comments: _____
~~gonads P450~~
~~muscle tissue P450~~

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-28-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Fourhorn sculpin (FS)
 period of deployment: 0727/0728 recorder: FR
 alive when caught?: yes

DISSECTION

date: 07-28-01 dissector: JG/JB
 start time: _____ recorder: Fer
 finish time: _____ specimen code: FS
 standard length(mm): 184 weight(kg): 51
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-32-FAC-T-FS
 liver sample for T.M.?: sample code: _____
 muscle sample for T.M.?: sample code: _____
 liver sample for Organics?: Am sample code: 01-SIS-32 PHC-T-FS
 liver sample for P-450?: sample code: 01-SIS-32-CYP-T-FS
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: _____
gonad P450
Muscle Tissue P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07-28-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SLS depth(m): 3.25 ft
 method of take: Fyke net species: Fourhorn Scalpin (FS)
 period of deployment: 0727-0728 recorder: FQ
 alive when caught?: yes

DISSECTION

date: 07-28-01 dissector: JG/JB
 start time: 11:10 recorder: FQ
 finish time: 11:15 specimen code: FS
 standard length(mm): 141 weight(kg): 25
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

Bile (~3ml)
 liver sample for RGS?: sample code: 01-SIS-33-FAC-T-FS
 liver sample for T.M.?: sample code: _____
 muscle sample for T.M.?: sample code: _____
 liver sample for Organics? sample code: 01-SIS-33-PHC-T-FS
 liver sample for P-450?: sample code: 01-SIS-33-CYP-T-FS
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: _____
 gonads P450
 muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-28-01 latitude: NA
 time collected: 09:00 longitude: NA
 station code: SIS depth(m): 3.25 ft
 method of take: Fake net species: Equipment Blank (EB)
 period of deployment: NA recorder: FQ
 alive when caught?: NA

DISSECTION

date: 07-28-01 dissector: JG/JB
 start time: 11:15 recorder: FQ
 finish time: 11:20 specimen code: EB
 standard length(mm): NA weight(kg): NA
 external abnormalities/parasites: ↓
 internal abnormalities/parasites: ↓
 sex: NA

SAMPLES

^{Bile}
 liver sample for RGS?: sample code: 01-SIS-34-FAC-EB-QL
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
^{liver sample for Organics?} TM sample code: 01-SIS-34-PHC-EB-QL
 liver sample for P-450?: NA sample code: NA
 gill sample for P-450?: ↓ sample code: _____
 kidney sample for P-450?: ↓ sample code: _____
 heart sample for p-450?: ↓ sample code: _____
 other samples taken?: ↓ comments: ↓
Collected DL Rinsoite @ 07-28-01

End of
 dissection
 @ 07-28-01

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-30-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 325 ft
 method of take: Fyke net species: Polly Varden (DV)
 period of deployment: 0728/0730 recorder: FQ
 alive when caught?: yes

DISSECTION

date: 07-30-01 dissector: JG, GL
 start time: 12:10 recorder: FQ
 finish time: 12:25 specimen code: DV
 standard length(mm): 335 weight(kg): 250
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: ?

SAMPLES

~~liver~~ ^{Bile} sample for RGS?: sample code: 01-SIS-35-FAC-T-DV
~~liver~~ sample for T.M.?: sample code: _____
~~muscle~~ sample for T.M.?: sample code: _____
~~liver~~ sample for Organics?: sample code: 01-SIS-35-PHC-T-DV
 liver sample for P-450?: sample code: 01-SIS-35-CYP-T-DV
 gill sample for P-450?: sample code: _____
^{spleen/}kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
~~gill~~ gill sample for P450 _____
~~muscle~~ muscle tissue P450 _____

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0730 latitude: 70° 25.958' ⁰N
 time collected: 0900 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Arctic cisco (AC)
 period of deployment: 07/28-07/30 recorder: FR
 alive when caught?: yes

DISSECTION

date: 04-30-01 dissector: SB, GL
 start time: 12:25 recorder: FR
 finish time: 12:30 specimen code: AC
 standard length(mm): 398 weight(kg): 450
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-36-FAC-T-AC
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics? TM sample code: 01-SIS-36-FAC-T-AC
 liver sample for P-450?: sample code: 01-SIS-36-FAC-T-AC
 gill sample for P-450?: sample code: _____
spleen kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: _____
 gonads P450
 muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07-30-01 latitude: 70° 25.958 'N
 time collected: 09:00 longitude: 148° 41.922 'W
 station code: SK depth(m): 3.25 ft
 method of take: Fyke net species: Arctic C.Sco (AC)
 period of deployment: 07/28 - 07/30 recorder: TCQ
 alive when caught?: yes

DISSECTION

date: 07-30-01 dissector: JG, GL
 start time: 12:30 recorder: TCQ
 finish time: 12:35 specimen code: AC
 standard length(mm): 416 weight(kg): 300
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-37-FAC-T-AC
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics?/TM sample code: 01-SIS-37-PAC-T-AC
 liver sample for P-450?: sample code: 01-SIS-37-CYP-T-AC
 gill sample for P-450?: sample code: _____
 spleen/kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: commit * ulcers on skin
gonad P450
muscle tissue P450
gall tissue P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 0730-01 latitude: 70° 25.958' N
 time collected: 0900 longitude: 148° 41.922' W
 station code: S15 depth(m): 3.25 ft
 method of take: Fyke net species: Arctic Flounder (AF)
 period of deployment: 0728-0730 recorder: EQ
 alive when caught?: yes

DISSECTION

date: 0730-01 dissector: JH, GL
 start time: 1235 recorder: Fdr
 finish time: 124540 specimen code: AF
 standard length(mm): 215 weight(kg): 150
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-38-FAC-T-AF
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics?: sample code: 01-SIS-38-ATC-T-AF
 liver sample for P-450?: sample code: 01-SIS-38-CYP-T-AF
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
 gonad P450
 muscle tissue P450
 gill

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07.30-01 latitude: 70° 25.958' N
 time collected: 0900 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25 ft
 method of take: Fyke net species: Arctic Flounder (AF)
 period of deployment: 0728/0730 recorder: FR
 alive when caught?: yes

DISSECTION

date: 07-30-01 dissector: JG, GL
 start time: 12:40 recorder: FR
 finish time: 12:45 specimen code: NA
 standard length(mm): 215 Est. weight(kg): 150
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-39-FAC-T-AF
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
~~liver sample for Organics?: sample code: _____~~
 liver sample for P-450?: sample code: 01-SIS-39-CYP-T-AF
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
 gonad P450
 muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0730-01 latitude: 70° 25.958' N
 time collected: 0900 longitude: 148° 41.922' W
 station code: SIS depth(m): 325 m Dr
 method of take: Fykenet species: Arctic Flounder (AF)
 period of deployment: 0728-0730 recorder: Fel
 alive when caught?: yes

DISSECTION

date: 07-30-01 dissector: JG, GL
 start time: 12:47 recorder: Fel
 finish time: 12:53 specimen code: AF
 standard length(mm): 209 est. weight(kg): 125
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

Bile (leaked into cavity) ^{too little}
 liver sample for RGS?: NA sample code: none
~~liver sample for T.M.?: _____ sample code: _____~~
~~muscle sample for T.M.?: _____ sample code: _____~~
 liver sample for Organics? sample code: 01-SIS-40-PAK-T-AF
 liver sample for P-450?: sample code: 01-SIS-40-CYP-T-AF
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: _____
 gamad P450
 muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 0730-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 325 m A
 method of take: Fyke net species: Arctic Flounder (AF)
 period of deployment: 0728-0730 recorder: PELL
 alive when caught?: yes

DISSECTION

date: 0730-01 dissector: JG, GL
 start time: 12:55 recorder: FR
 finish time: 13:03 specimen code: AF
 standard length(mm): 218 est-weight(kg): 150
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

^{Bile}
 liver sample for RGS?: sample code: 01-SIS-41-FAC-T-AF
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics? ^{AM} sample code: 01-SIS-41-PAC-T-AF
 liver sample for P-450?: sample code: 01-SIS-41-CYP-T-AF
 gill sample for P-450?: sample code: _____
^{spleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: _____
 gonad P450
 muscle tissue P450
 gall

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0730-01 latitude: 70° 25.958' N
 time collected: 0900 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25
 method of take: Fyke net species: Arctic Flounder (AF)
 period of deployment: 0728/0730 recorder: Fed
 alive when caught?: yes

DISSECTION

date: 0730-01 dissector: JG, GL
 start time: 1305 recorder: Fed
 finish time: 1314 specimen code: AF
 standard length(mm): 162 ~~est~~ weight(kg): 52
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

Bile
~~liver~~ sample for RGS?: sample code: 01-SIS-42-FAC-T-AF
~~liver~~ sample for T.M.?: sample code: _____
~~muscle~~ sample for T.M.?: sample code: _____
~~liver~~ sample for Organics? sample code: 01-SIS-42-FAC-T-AF
 liver sample for P-450?: sample code: 01-SIS-42-CYP-T-AF
 gill sample for P-450?: sample code: _____
~~spleen/~~ kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
 gonad P450
 muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0730-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.722' W
 station code: SIS depth(m): 3.25
 method of take: Fyke net species: Arctic Flounder (AF)
 period of deployment: 0728/0730 recorder: FEL
 alive when caught?: yes

DISSECTION

date: 0730-01 dissector: JG GL
 start time: 13:15 recorder: FEL
 finish time: 13:22 specimen code: AF
 standard length(mm): 180 weight(kg): 53
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-43-FAC-T-AF
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics?: TM sample code: 01-SIS-43-PHC-T-AF
 liver sample for P-450?: sample code: 01-SIS-43-CYP-T-AF
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: _____
gonad P450
muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 0730-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25
 method of take: Fyke net species: Arctic Plounder (AF)
 period of deployment: 0728/0730 recorder: Full
 alive when caught?: Yes

DISSECTION

date: 07-30-01 dissector: JG * GL
 start time: 13:24 recorder: Full
 finish time: 13:29 specimen code: AF
 standard length(mm): 141 weight(kg): 31
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: M

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-515-44-FAC-T-AF *not enough sample @*
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics? sample code: 01-515-44-PHC-T-AF
 liver sample for P-450?: sample code: 01-515-44-CYP-T-AF
 gill sample for P-450?: sample code: _____
 spleen/kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
 gonads P450
 muscle tissue P450 (not all)

* dropped, rinsed w DI upon initial dissection, Cont. dissection
 whole fish sample @ 07-30-01

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0730-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25
 method of take: Fyke net species: Fourhorn Sculpin (FS)
 period of deployment: 0728 | 0730 recorder: FOL
 alive when caught?: yes

DISSECTION

date: 07/30/01 dissector: SG GL
 start time: 13:32 recorder: FOL
 finish time: 13:40 specimen code: FS
 standard length(mm): 299 weight(kg): 400
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

Bile -T-FS
 liver sample for RGS?: sample code: 01-SIS-45-FAC-FS
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics?: sample code: 01-SIS-45-PHC-T-FS
 liver sample for P-450?: sample code: 01-SIS-45-CYP-T-FS
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
 gonad P450
 muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0730-01 latitude: 70° 25.958 'N
 time collected: 09:00 longitude: 148° 41.922 'W
 station code: SIS depth(m): 3.25
 method of take: Fyke net species: four horn Sculpin (FS)
 period of deployment: 07-28/0730 recorder: FQ
 alive when caught?: yes

DISSECTION

date: 0730-01 dissector: JG, GL
 start time: 13:42 recorder: FQ
 finish time: 13:48 specimen code: FS
 standard length(mm): 250 weight(kg): 175
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-46-FAC-T-FS
 liver sample for T.M.?: sample code: _____
 muscle sample for T.M.?: sample code: _____
 liver sample for Organics?/T.M. sample code: 01-SIS-46-PHC-T-FS
 liver sample for P-450?: sample code: 01-SIS-46-CYP-T-FS
 gill sample for P-450?: sample code: _____
Spleen kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
gonad P450
muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07.30.01 latitude: 70° 25.958' ^QW N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SLS depth(m): 3.25
 method of take: Fyke net species: Fourhorn Sculpin (FS)
 period of deployment: 0728/0730 recorder: FA
 alive when caught?: yes

DISSECTION

date: 0730-01 dissector: JG, GL
 start time: 1350 recorder: FA
 finish time: 1357 specimen code: FS
 standard length(mm): 215 est. weight(kg): 125
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

^{Bile}
~~liver~~ sample for RGS?: sample code: 01-515-47-FAC-T-FS
~~liver~~ sample for T.M.?: sample code: _____
~~muscle~~ sample for T.M.?: sample code: _____
~~liver~~ sample for Organics?: ^{PHC} sample code: 01-515-47-FAC-T-FS
 liver sample for P-450?: sample code: 01-515-47-CYP-T-FS
 gill sample for P-450?: sample code: _____
^{spleen} kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: _____
Gonad P450
Muscle Tissue P450

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-30-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: S15 depth(m): 3.25
 method of take: Fyke net species: Fourhorn Sculpin (FS)
 period of deployment: 0728/0730 recorder: EQ
 alive when caught?: yes

DISSECTION

date: 07 30 - 01 dissector: JG, GL
 start time: 1358 recorder: EQ
 finish time: 14:03 specimen code: FS
 standard length(mm): 218 est. weight(kg): 125
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

bile
 liver sample for RGS?: sample code: 01-515-48-FAC-T-FS
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics? fm sample code: 01-515-48-PHC-T-FS
 liver sample for P-450?: sample code: 01-515-48-P[@]yp-T-FS
 gill sample for P-450?: sample code: _____
Spleen kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
gonad P450
muscle tissue P450

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 0730-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25
 method of take: Fyke net. species: Fourhorn Sculpin (FS)
 period of deployment: 07/28-07/30 recorder: Far
 alive when caught?: yes

DISSECTION

date: 0730-01 dissector: JG, GL
 start time: 14:05 recorder: Far
 finish time: 14:11 specimen code: FS
 standard length(mm): 218 est. weight(kg): 82
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

Bile
 liver sample for RGS?: sample code: 01-SIS-49-FAC-T-FS
 liver sample for T.M.?: sample code: _____
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics?/TM sample code: 01-SIS-49-PHC-T-FS
 liver sample for P-450?: sample code: 01-SIS-49-CYP-T-FS
 gill sample for P-450?: sample code: _____
 Spleen kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: _____ comments: _____
 gonad P450
 muscle tissue P450

comment 5: bile very dark green

FISH COLLECTION/DISSECTION DATA SHEETCOLLECTION

date collected: 07.30-01 latitude: 70° 25.958' N
 time collected: 09:00 longitude: 148° 41.922' W
 station code: SIS depth(m): 3.25
 method of take: Fyke net species: fourhorn Sculpin (FS)
 period of deployment: 07/28 - 07/30 recorder: FAC
 alive when caught?: yes

DISSECTION

date: 0730-01 dissector: JG, GL
 start time: 14:13 recorder: FAC
 finish time: 14:20 specimen code: FS
 standard length(mm): 219 119 weight(kg): 97
 external abnormalities/parasites: NA
 internal abnormalities/parasites: NA
 sex: F

SAMPLES

liver sample for RGS?: sample code: 01-SIS-50-FAC-T-FS
~~liver sample for T.M.?: sample code: _____~~
~~muscle sample for T.M.?: sample code: _____~~
 liver sample for Organics?: sample code: 01-SIS-50-PHC-T-FS
 liver sample for P-450?: sample code: 01-SIS-50-CYP-T-FS
 gill sample for P-450?: sample code: _____
 kidney sample for P-450?: sample code: _____
 heart sample for p-450? sample code: _____
 other samples taken?: comments: _____
 gonad p450
 muscle tissue p450

Comments: ulcer on tail

FISH COLLECTION/DISSECTION DATA SHEET

COLLECTION

date collected: 07-30-01 latitude: NA
 time collected: NA longitude: ↓
 station code: ↓ depth(m): NA
 method of take: ↓ species: Equipment Blank (EB)
 period of deployment: ↓ recorder: FQ
 alive when caught?: NA

DISSECTION

date: 0730 dissector: JG, GL
 start time: 14:22 recorder: FQ
 finish time: 14:28 specimen code: EB
 standard length(mm): NA weight(kg): NA
 external abnormalities/parasites: ↓
 internal abnormalities/parasites: ↓
 sex: ↓

SAMPLES

^{Bile}
~~liver sample for RGS?:~~ sample code: 01-SIS-51-FAC-EB-QC
~~liver sample for T.M.?:~~ sample code: _____
~~muscle sample for T.M.?:~~ sample code: _____
 liver sample for Organics?: TM sample code: 01-SIS-51-PHC-EB-QC
 liver sample for P-450?: 7 sample code: _____
 gill sample for P-450?: 7 sample code: _____
 kidney sample for P-450?: 7 sample code: _____
 heart sample for p-450? 7 sample code: _____
 other samples taken?: 7 comments: 7

DI of finsete collected @ 0730-01

②

End of Processing/
dissection session
② 073001

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/01/01 Latitude: 70° 17.650' N
 Time Collected: 15:00 Longitude: 149° 49.211' W
 Station Code: PBS Depth (m): 1.1 m
 Method of Take: Fyke net / Trawl / Hook & Line Species: Broad Whitefish (BW)
 Period of Deployment: 0731 - 0801 Recorder: Fel
 Alive when Caught: YIN
 Comments: _____

Dissection

Date: 08/01/01 Dissector: JGJGL
 Start Time: 17:00 Recorder: Fel
 Finish Time: 17:20 Specimen Code: BW
 Standard Length (mm): 260 Weight (g): 150
 External Abnormalities/Parasites: — Comments: —
 Internal Abnormalities/Parasites: — Comments: —
 Sex: M/F 16 Mature: YIN

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>YIN</u>	Sample Code: <u>01-PBS-52 FAC-T-BW</u>
Sample for Organics/Trace metals: <u>YIN</u>	Sample Code: 01- - - PHC - -
Liver sample for P450: <u>YIN</u>	Sample Code: 01- - - CYP - -
Gill sample for P450: <u>YIN</u>	Sample Code: 01- - - CYP - -
Spleen sample for P450: <u>YIN</u>	Sample Code: 01- - - CYP - -
Kidney sample for P450: <u>YIN</u>	Sample Code: 01- - - CYP - -
Heart sample for P450: <u>YIN</u>	Sample Code: 01- - - CYP - -
Gonad sample for P450: <u>YIN</u>	Sample Code: 01- - - CYP - -
Muscle tissue sample for P450: <u>YIN</u>	Sample Code: 01- - - CYP - -

Comments: only single fish taken from Fyke net. @
gall/Bile leaked into fissure after aliquot taken. @

Recorder: Fiona Jylin Date: 08/01/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 03, 01 Latitude: 70° 17.650' N
 Time Collected: 13:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 10m
 Method of Take: Fyke Net / Trawl / Hook & Line Species: Arctic Cisco (AC)
 Period of Deployment: 0802 / 0803 Recorder: FR
 Alive when Caught: Y N
 Comments: deployment 08-2-01, 080301

Dissection

Date: 08, 03, 01 Dissector: JG / GL
 Start Time: 15:30 Recorder: FR
 Finish Time: 15:40 Specimen Code: AC
 Standard Length (mm): 406 Weight (g): 600
 External Abnormalities/Parasites: NA Comments: —
 Internal Abnormalities/Parasites: NA Comments: —
 Sex: M F ? Mature: Y N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01-PBS-53-FAC-T-AC</u>
Sample for Organics/Trace metals:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01-PBS-53-PHC-T-AC</u>
Liver sample for P450:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01-PBS-53-CYP-T-AC</u>
Gill sample for P450:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01- - -CYP- - -</u>
Spleen sample for P450:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01- - -CYP- - -</u>
Kidney sample for P450:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01- - -CYP- - -</u>
Heart sample for P450:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01- - -CYP- - -</u>
Gonad sample for P450:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01- - -CYP- - -</u>
Muscle tissue sample for P450:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: <u>01- - -CYP- - -</u>

Comments: Small amount of bile remaining in gall

gut tissue added for P450

Recorder: J. J. [Signature]Date: 08, 03, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 03, 01 Latitude: 70° 17.650' N
 Time Collected: 13:00 Longitude: 197° 49.211 W
 Station Code: PBS Depth (m): 110
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic Oisid (AC)
 Period of Deployment: 08-02/0803 Recorder: Jan
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08, 03, 01 Dissector: SG / GL
 Start Time: 15:41 Recorder: Fdr
 Finish Time: 15:48 Specimen Code: AC
 Standard Length (mm): 224 Weight (g): 74
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01-PBS-54-FAC-T-AC</u>
Sample for Organics/Trace metals: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01-PBS-54-PHC-T-</u>
Liver sample for P450: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01-PBS-54-CYP-T-</u>
Gill sample for P450: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Spleen sample for P450: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Kidney sample for P450: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Heart sample for P450: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Gonad sample for P450: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Muscle tissue sample for P450: <input checked="" type="checkbox"/> <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>

Comments: gut tissue P450 (Y)

Recorder: J Douglas Date: 08, 03, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 03, 01 Latitude: 70° 17.650 'N
 Time Collected: 13:00 Longitude: 147° 49.211 'W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Broad whitefish (BW)
 Period of Deployment: 08-02 / 08-03 Recorder: FQ
 Alive when Caught: YIN
 Comments: _____

Dissection

Date: 08, 03, 01 Dissector: SG / GL
 Start Time: 15:49 Recorder: FQ
 Finish Time: 15:52 Specimen Code: BW
 Standard Length (mm): 712 Weight (g): 79
 External Abnormalities/Parasites: Y Comments: anus / pelvic fins^w skin ulcers
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M / F (?) Mature: Y / (N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>YIN</u>	Sample Code: <u>01-PBS-55-FAC-T-BW</u>
Sample for Organics/Trace metals: <u>YIN</u>	Sample Code: <u>01-PBS-55-PHC-T-BW</u>
Liver sample for P450: <u>YIN</u>	Sample Code: <u>01-PBS-55-CYP-T-BW</u>
Gill sample for P450: <u>YIN</u>	Sample Code: <u>01- - -CYP- -</u>
Spleen sample for P450: <u>YIN</u>	Sample Code: <u>01- - -CYP- -</u>
Kidney sample for P450: <u>YIN</u>	Sample Code: <u>01- - -CYP- -</u>
Heart sample for P450: <u>YIN</u>	Sample Code: <u>01- - -CYP- -</u>
Gonad sample for P450: <u>YIN</u>	Sample Code: <u>01- - -CYP- -</u>
Muscle tissue sample for P450: <u>YIN</u>	Sample Code: <u>01- - -CYP- -</u>

Comments: gut tissue for P450 taken

Recorder: A. Quynh

Date: 08, 03, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 03, 01 Latitude: 70° 17.650' N
 Time Collected: 13:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Broad Whitefish (BW)
 Period of Deployment: 08/02 - 08/03 Recorder: fan
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08, 03, 01 Dissector: JG, GL
 Start Time: 15:53 Recorder: fan
 Finish Time: 16:00 Specimen Code: BW
 Standard Length (mm): 406 Weight (g): 600

External Abnormalities/Parasites: NA Comments: _____

Internal Abnormalities/Parasites: NA In swim bladder Comments: _____

Sex: M/F/? Mature: Y/N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>Y/N</u>	Sample Code: <u>01-PBS-SF-FAC-T-BW</u>
Sample for Organics/Trace metals: <u>Y/N</u>	Sample Code: 01- - - PHC - -
Liver sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Gill sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Spleen sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Kidney sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Heart sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Gonad sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Muscle tissue sample for P450: <u>Y/N</u>	Sample Code: 01- ↓ - ↓ - CYP - ↓ - ↓

Comments: Gut tissue taken p450

Recorder: A. Dwyer Date: 08, 03, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 03, 01 Latitude: 70° 17.650 'N
 Time Collected: 13:00 Longitude: 147° 49.211 'W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic Flounder (AF)
 Period of Deployment: 08/02 - 08/03 Recorder: FDR
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08, 03, 01 Dissector: SG/GL
 Start Time: 16:05 Recorder: FDR
 Finish Time: 16:10 Specimen Code: AC
 Standard Length (mm): 254 Weight (g): 200
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M (F) Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-PBS-57-FAC-T-AF
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - -PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - -CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - -CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - -CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - -CYP - -

Comments: gut fissure P450 taken

Recorder: [Signature] Date: 08, 03, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/03/01 Latitude: 70° 17.650' N
 Time Collected: 13:00 Longitude: 149° 49.211' W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic Flounder (AF)
 Period of Deployment: 08/02 - 08/03 Recorder: FR
 Alive when Caught: (Y)N
 Comments: _____

Dissection

Date: 08/03/01 Dissector: JG, GL
 Start Time: 6:12 Recorder: FR
 Finish Time: 6:19 Specimen Code: AF
 Standard Length (mm): 246 Weight (g): 200
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M(F)? Mature: (Y)N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N Sample Code: 01-PBS-58-FAC-T-AF
 Sample for Organics/Trace metals: (Y)N Sample Code: 01- - -PHC - -
 Liver sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Gill sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Spleen sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Kidney sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Heart sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Gonad sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: (Y)N Sample Code: 01- - -CYP - -

Comments: gut tissue for P450 taken

Recorder: Frank Quyn Date: 08/03/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/03/01 Latitude: 70° 17.650' N
 Time Collected: 13:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic Flounder (AF)
 Period of Deployment: 08-02 / 08-03 Recorder: FR
 Alive when Caught: N
 Comments: _____

Dissection

Date: 08/03/01 Dissector: JG, GL
 Start Time: 16:21 Recorder: FR
 Finish Time: 16:26 Specimen Code: AF
 Standard Length (mm): 236 Weight (g): 175
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: MALE? Mature: N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: N Sample Code: 01-PBS-59-FAC-T-AF
 Sample for Organics/Trace metals: N Sample Code: 01- - - PHC - -
 Liver sample for P450: N Sample Code: 01- - - CYP - -
 Gill sample for P450: N Sample Code: 01- - - CYP - -
 Spleen sample for P450: N Sample Code: 01- - - CYP - -
 Kidney sample for P450: N Sample Code: 01- - - CYP - -
 Heart sample for P450: N Sample Code: 01- - - CYP - -
 Gonad sample for P450: N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: N Sample Code: 01- - - CYP - -

Comments: gut tissue for P450 taken

Recorder: Travis Dwyer Date: 08/03/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/03/01 Latitude: 70° 17.650' N
 Time Collected: 13:00 Longitude: 147° 48.211' W
 Station Code: PB5 Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: arctic flounder (AF)
 Period of Deployment: 08/02 - 08/03 Recorder: FA
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/03/01 Dissector: JL GL
 Start Time: 16:28 Recorder: FA
 Finish Time: 16:35 Specimen Code: AF
 Standard Length (mm): 231 Weight (g): 175
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M (E)? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-PB5-60-FAC-T-AF
 Sample for Organics/Trace metals: Y/N
 Liver sample for P450: Y/N Sample Code: 01- - -PHC- - -
 Gill sample for P450: Y/N Sample Code: 01- - -CYP- - -
 Spleen sample for P450: Y/N Sample Code: 01- - -CYP- - -
 Kidney sample for P450: Y/N Sample Code: 01- - -CYP- - -
 Heart sample for P450: Y/N Sample Code: 01- - -CYP- - -
 Gonad sample for P450: Y/N Sample Code: 01- - -CYP- - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - -CYP- - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/03/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08,03,01 Latitude: 30° 17.650' N
 Time Collected: 13:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fake net / Trawl / Hook & Line Species: fourhorn Sculpin (FS)
 Period of Deployment: 08/02 - 08/03 Recorder: FA
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08,03,01 Dissector: JG, GL
 Start Time: 16:37 Recorder: FA
 Finish Time: 16:47 Specimen Code: FS
 Standard Length (mm): 135 Weight (g): 25
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M (F)? Mature: Y (N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-PBS-61-FAC-T-FS
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - - PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - - CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - - CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - - CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - - CYP - -

Comments: Tissue gut taken for P450 analysis

Recorder: Andrew Date: 08,03,01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/03/01 Latitude: NA
 Time Collected: 13:00 Longitude: ↓
 Station Code: PBS Depth (m): —
 Method of Take: Fyke net / Trawl / Hook & Line Species: equipment Blank (EB)
 Period of Deployment: NA Recorder: FDR
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/03/01 Dissector: JG/GL
 Start Time: 16:48 Recorder: FDR
 Finish Time: 16:53 Specimen Code: EB
 Standard Length (mm): NA Weight (g): NA
 External Abnormalities/Parasites: ↓ Comments: _____
 Internal Abnormalities/Parasites: ↓ Comments: _____
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<u>Y/N</u>	Sample Code: <u>01-PBS-62-FAC-EB-QC</u>
Sample for Organics/Trace metals:	<u>Y/N</u>	Sample Code: <u>01-PBS-62-PHC-EB-QC</u>
Liver sample for P450:	<u>Y/N</u>	Sample Code: <u>01- - -CYP- -</u>
Gill sample for P450:	<u>Y/N</u>	Sample Code: <u>01- - -CYP- -</u>
Spleen sample for P450:	<u>Y/N</u>	Sample Code: <u>01- - -CYP- -</u>
Kidney sample for P450:	<u>Y/N</u>	Sample Code: <u>01- - -CYP- -</u>
Heart sample for P450:	<u>Y/N</u>	Sample Code: <u>01- - -CYP- -</u>
Gonad sample for P450:	<u>Y/N</u>	Sample Code: <u>01- - -CYP- -</u>
Muscle tissue sample for P450:	<u>Y/N</u>	Sample Code: <u>01- - -CYP- -</u>

Comments: DI rinsate collected @ 08.03.01

Recorder: James Dyer Date: 08/03/01

end of dissection day @ 08/03/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01
 Time Collected: 14:00
 Station Code: PBS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/03 - 08/04
 Alive when Caught: Y N
 Comments: _____

Latitude: 70° 17' 17.0" N
 Longitude: 147° 49.211" W
 Depth (m): 1.0 m
 Species: Dolly Varden (DV)
 Recorder: _____

Dissection

Date: 08/04/01
 Start Time: 16:15
 Finish Time: 16:21
 Standard Length (mm): 520

Dissector: JG, GL, JB
 Recorder: JK
 Specimen Code: PV
 Weight (g): 1250

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M / F?

Mature: Y N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code: 01-PBS-63-FAC-T-PV

Sample Code: 01-	-	-	PHC	-	-	
Sample Code: 01-	-	-	CYP	-	-	
Sample Code: 01-	-	-	CYP	-	-	
Sample Code: 01-	-	-	CYP	-	-	
Sample Code: 01-	-	-	CYP	-	-	
Sample Code: 01-	-	-	CYP	-	-	
Sample Code: 01-	-	-	CYP	-	-	
Sample Code: 01-	↓	↓	CYP	↓	↓	↓

Comments: Out tissue taken for P450

Recorder: [Signature]

Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01
 Time Collected: 14:00
 Station Code: PBS
 Method of Take: Net / Trawl / Hook & Line
 Period of Deployment: 08/03 - 08/04
 Alive when Caught: Y N
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 10
 Species: Humpback Wholphish (HW)
 Recorder: PQ

Dissection

Date: 08/04/01
 Start Time: 16:24
 Finish Time: 16:30
 Standard Length (mm): 388

Dissector: JB
 Recorder: FJL
 Specimen Code: HW
 Weight (g): 450

External Abnormalities/Parasites: NT

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M/F?

Mature: Y(N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code: 01-PBS-64-FAC-T-HW

Sample Code: 01-	-	- PHC	-	-
Sample Code: 01-	-	- CYP	-	-
Sample Code: 01-	-	- CYP	-	-
Sample Code: 01-	-	- CYP	-	-
Sample Code: 01-	-	- CYP	-	-
Sample Code: 01-	-	- CYP	-	-
Sample Code: 01-	-	- CYP	-	-

Comments: gut tissue taken for P450

Recorder: [Signature]

Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01
 Time Collected: 14:00
 Station Code: P85
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/03 - 08/04
 Alive when Caught: Y N
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 1.0
 Species: Kumpback (HW)
 Recorder: _____

Dissection

Date: 08/04/01
 Start Time: 16:31
 Finish Time: 6:40
 Standard Length (mm): 395

Dissector: JG
 Recorder: Fdr
 Specimen Code: HW
 Weight (g): 395 550

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M (F)?

Mature: Y (N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code: 01-P85-65-FAC-T-HW

Sample Code: 01-	-	-	PHC	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-

Comments: gut tissue taken for P450

Recorder: Ann L...

Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01 Latitude: 70° 17.650' N
 Time Collected: 14:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Humpback Whitefish (HW)
 Period of Deployment: 08/03 - 08/04 Recorder: Ed
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/04/01 Dissector: JG, GL, JB
 Start Time: 16:40 Recorder: Ed
 Finish Time: 16:45 Specimen Code: HW
 Standard Length (mm): 350 Weight (g): 210
 External Abnormalities/Parasites: — NA Comments: —
 Internal Abnormalities/Parasites: — NA Comments: —
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>Y/N</u>	Sample Code: <u>01-PBS-100-FAC-T-HW</u>
Sample for Organics/Trace metals: <u>Y/N</u>	Sample Code: <u>01- - - PHC - -</u>
Liver sample for P450: <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Gill sample for P450: <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Spleen sample for P450: <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Kidney sample for P450: <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Heart sample for P450: <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Gonad sample for P450: <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>
Muscle tissue sample for P450: <u>Y/N</u>	Sample Code: <u>01- - - CYP - -</u>

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 04, 01
 Time Collected: 14:00
 Station Code: PBS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/03 - 08-04
 Alive when Caught: Y N
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 60
 Species: Arctic Cusco (AC)
 Recorder: FR

Dissection

Date: 08/04/01
 Start Time: 16:47
 Finish Time: 16:53
 Standard Length (mm): 205

Dissector: JG
 Recorder: FR
 Specimen Code: AC
 Weight (g): 65

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M F ?

Mature: Y N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code: 01-PBS-67-FAC-T-AC
 Sample Code: 01- - - PHC - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -

Comments: gut tissue taken for P450

Recorder: Ann Dyer

Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 04, 01
 Time Collected: 14:00
 Station Code: PBS
 Method of Take: Fyke Net / Trawl / Hook & Line
 Period of Deployment: 08/03 - 08/04
 Alive when Caught: (Y) N
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 1.0
 Species: Arctic Cisco (AC)
 Recorder: EQ

Dissection

Date: 08, 04, 01
 Start Time: 16:53
 Finish Time: 16:57
 Standard Length (mm): 106 @ 161

Dissector: JG, GL, JB
 Recorder: EQ
 Specimen Code: AC
 Weight (g): 32

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M / F (?)

Mature: Y (N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y) N
 Sample for Organics/Trace metals: (Y) N
 Liver sample for P450: (Y) N
 Gill sample for P450: (Y) N
 Spleen sample for P450: (Y) N
 Kidney sample for P450: (Y) N
 Heart sample for P450: (Y) N
 Gonad sample for P450: (Y) N
 Muscle tissue sample for P450: (Y) N

Sample Code: 01- PBS-68- FAC - T - AC
 Sample Code: 01- - - PHC - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -
 Sample Code: 01- - - CYP - -

Comments: gut tissue tissue taken for P450

Recorder: Jim Dwyer

Date: 08, 04, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 04, 01 Latitude: 70° 17.650' N
 Time Collected: 14:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 10
 Method of Take: CVKE net / Trawl / Hook & Line Species: ARCTIC CISCO (AC)
 Period of Deployment: 08/03 - 08/04 Recorder: FD
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08 04 01 Dissector: JG, EL, JB
 Start Time: 16:57 Recorder: FD
 Finish Time: 17:03 Specimen Code: AC
 Standard Length (mm): 140 Weight (g): 19
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M / F (?) Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-PBS-09-FAC-T-AC
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - -PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - -CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - -CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - -CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - -CYP - -

Comments: gut tissue for P450 taken

Recorder: John Douglas Date: 08, 04, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01
 Time Collected: 14:00
 Station Code: PBS
 Method of Take: Bye net / Trawl / Hook & Line
 Period of Deployment: 08/03 - 08/04
 Alive when Caught: Y/N
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 1.0
 Species: fourhorn Sculpin (FS)
 Recorder: FA

Dissection

Date: 08/04/01
 Start Time: 17:05
 Finish Time: 17:12
 Standard Length (mm): 245

Dissector: JW, GL, JB
 Recorder: FA
 Specimen Code: FS
 Weight (g): 150

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M(F)?

Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N
 Sample for Organics/Trace metals: Y/N
 Liver sample for P450: Y/N
 Gill sample for P450: Y/N
 Spleen sample for P450: Y/N
 Kidney sample for P450: Y/N
 Heart sample for P450: Y/N
 Gonad sample for P450: Y/N
 Muscle tissue sample for P450: Y/N

Sample Code: 01-PBS-70-FAC-T-FS

Sample Code: 01-	-	-	PHC	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-

Comments: gut tissue taken for P450

Recorder: [Signature]

Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01
 Time Collected: 14:00
 Station Code: PBS
 Method of Take: Flyke net / Trawl / Hook & Line
 Period of Deployment: 08/03 - 08/14
 Alive when Caught: Y/N
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 1-0
 Species: Fourhorn Sculpin (FS)
 Recorder: FR

Dissection

Date: 08/04/01
 Start Time: 17:13
 Finish Time: 17:20
 Standard Length (mm): 150

Dissector: JG GL JB
 Recorder: FR
 Specimen Code: FS
 Weight (g): 30

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M/F/?

Mature: Y/N

Samples (Year Site Rep # Analysis Matrix Sp Code)

Bile/Gall for FAC: Y/N
 Sample for Organics/Trace metals: Y/N
 Liver sample for P450: Y/N
 Gill sample for P450: Y/N
 Spleen sample for P450: Y/N
 Kidney sample for P450: Y/N
 Heart sample for P450: Y/N
 Gonad sample for P450: Y/N
 Muscle tissue sample for P450: Y/N

Sample Code:	01-	PBS	- 71	- FAC	- T	- FS
Sample Code:	01-			- PHC	-	
Sample Code:	01-			- CYP	-	
Sample Code:	01-			- CYP	-	
Sample Code:	01-			- CYP	-	
Sample Code:	01-			- CYP	-	
Sample Code:	01-			- CYP	-	
Sample Code:	01-			- CYP	-	
Sample Code:	01-			- CYP	-	

Comments: gut taken for P450

Recorder: [Signature]

Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01
 Time Collected: 14:00
 Station Code: PBS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/03 - 08/04
 Alive when Caught: Y/N
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 1.0
 Species: Arctic Flounder (AF)
 Recorder: FD

Dissection

Date: 08/04/01
 Start Time: 17:20
 Finish Time: 17:27
 Standard Length (mm): 197
 External Abnormalities/Parasites: NA
 Internal Abnormalities/Parasites: NA
 Sex: (M)/F/?

Dissector: JG
 Recorder: FD
 Specimen Code: AF
 Weight (g): 75
 Comments: _____
 Comments: _____
 Mature: (Y)/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)/N
 Sample for Organics/Trace metals: (Y)/N
 Liver sample for P450: (Y)/N
 Gill sample for P450: (Y)/N
 Spleen sample for P450: (Y)/N
 Kidney sample for P450: (Y)/N
 Heart sample for P450: (Y)/N
 Gonad sample for P450: (Y)/N
 Muscle tissue sample for P450: (Y)/N

Sample Code: 01-PBS-72-FAC-T-AF

Sample Code: 01-	-	- PHC -	-	
Sample Code: 01-	-	- CYP -	-	
Sample Code: 01-	-	- CYP -	-	
Sample Code: 01-	-	- CYP -	-	
Sample Code: 01-	-	- CYP -	-	
Sample Code: 01-	-	- CYP -	-	
Sample Code: 01-	-	- CYP -	-	
Sample Code: 01-	-	- CYP -	-	

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01 Latitude: 70° 17.650' N
 Time Collected: 14:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic flounder (AF)
 Period of Deployment: 08/03 - 08/04 Recorder: FG
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/04/01 Dissector: JG-GL-JB
 Start Time: 17:28 Recorder: FG
 Finish Time: 17:35 Specimen Code: AF
 Standard Length (mm): 248 Weight (g): 225
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>Y/N</u>	Sample Code: <u>01-PBS-73-FAC-T-AF</u>
Sample for Organics/Trace metals: <u>Y/N</u>	Sample Code: 01- - -PHC - -
Liver sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Gill sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Spleen sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Kidney sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Heart sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Gonad sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Muscle tissue sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/04/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/04/01 Latitude: NA
 Time Collected: 14:00 Longitude: ↓
 Station Code: PBS Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: equipment blank (EB)
 Period of Deployment: 08/03 - 08/04 Recorder: FQ
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/04/01 Dissector: JG, GL, SB
 Start Time: 17:35 Recorder: FQ
 Finish Time: 17:40 Specimen Code: EB
 Standard Length (mm): NA Weight (g): NA
 External Abnormalities/Parasites: NA Comments: —
 Internal Abnormalities/Parasites: NA Comments: —
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N Sample Code: 01-PBS-74-FAC-EB QC
 Sample for Organics/Trace metals: (Y)N Sample Code: 01-↓-↓-PHC-↓-↓
 Liver sample for P450: Y(N) Sample Code: 01- - -CYP - -
 Gill sample for P450: Y(N) Sample Code: 01- - -CYP - -
 Spleen sample for P450: Y(N) Sample Code: 01- - -CYP - -
 Kidney sample for P450: Y(N) Sample Code: 01- - -CYP - -
 Heart sample for P450: Y(N) Sample Code: 01- - -CYP - -
 Gonad sample for P450: Y(N) Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: Y(N) Sample Code: 01- - -CYP - -

Comments: _____

Recorder: Ann Dwyer Date: 08/04/01

end of dissection day (w) 08-04-01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/06/01 Latitude: 70° 17.650' N
 Time Collected: 09:00 Longitude: 147° 49.211' W
 Station Code: 865 Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Broad whitefish (BW)
 Period of Deployment: 08-06-04 Hnd 09/10 Recorder: FJH
 Alive when Caught: YIN
 Comments: _____

Dissection

Date: 08/06/01 Dissector: JG
 Start Time: ~~09:00~~ 10:50 Recorder: FJH
 Finish Time: 11:00 Specimen Code: BW
 Standard Length (mm): 430 Weight (g): 400
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: worms in swim bladder
 Sex: (M) F ? Mature: YIN

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<u>(Y)IN</u>	Sample Code:	<u>01-PBS-75-FAC-T-BW</u>
Sample for Organics/Trace metals:	<u>(Y)IN</u>	Sample Code:	<u>01- - -PHC - -</u>
Liver sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Gill sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Spleen sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Kidney sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Heart sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Gonad sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Muscle tissue sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- ↓ - ↓ -CYP - ↓ - ↓</u>

Comments: gut tissue taken for P450

Recorder: J. M. Long Date: 08, 06, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/06/01
 Time Collected: 09:00
 Station Code: PBS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08-04 - 08/06
 Alive when Caught: Y/N
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 1.0
 Species: Broad whitefish (BW)
 Recorder: feh

Dissection

Date: 08/06/01
 Start Time: 11:00
 Finish Time: 11:10
 Standard Length (mm): 175

Dissector: feh SB, CL
 Recorder: feh
 Specimen Code: BW
 Weight (g): 41

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M/F/?

Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N
 Sample for Organics/Trace metals: Y/N
 Liver sample for P450: Y/N
 Gill sample for P450: Y/N
 Spleen sample for P450: Y/N
 Kidney sample for P450: Y/N
 Heart sample for P450: Y/N
 Gonad sample for P450: Y/N
 Muscle tissue sample for P450: Y/N

Sample Code:	01-PBS-76-FAC-T-BW
Sample Code:	01- - -PHC - -
Sample Code:	01- - -CYP - -
Sample Code:	01- - -CYP - -
Sample Code:	01- - -CYP - -
Sample Code:	01- - -CYP - -
Sample Code:	01- - -CYP - -
Sample Code:	01- - -CYP - -

Comments: gut tissue taken for P450
Bile leaked small amt into body cavity

Recorder: Karen Quyn

Date: 08/06/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/06/01 Latitude: 70° 17.650' N
 Time Collected: 09:00 Longitude: 149° 49.211' W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Brook Whitefish (BW)
 Period of Deployment: 08/04 - 08/06 Recorder: 1 FOL
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/06/01 Dissector: JG, GL
 Start Time: 11:10 Recorder: FOL
 Finish Time: 11:17 Specimen Code: BW
 Standard Length (mm): 215 Weight (g): 300
 External Abnormalities/Parasites: yes Comments: piece of tail regrown
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-PBS-77-FAC-T-BW
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - - PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - - CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - - CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - - CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01-√-√-CYP-√-√

Comments: gut tissue taken for P450Recorder: Tommy AnglerDate: 08/06/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/06/01
 Time Collected: 09:00
 Station Code: PBS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/04 - 08/06
 Alive when Caught: YIN
 Comments: _____

Latitude: 70° 17.650' N
 Longitude: 147° 49.211' W
 Depth (m): 10
 Species: Arctic Herring (AF)
 Recorder: FR

Dissection

Date: 08/06/01
 Start Time: 11:20
 Finish Time: 11:25
 Standard Length (mm): 205

Dissector: JG GL
 Recorder: FR
 Specimen Code: AF
 Weight (g): 125

External Abnormalities/Parasites: NA

Comments: ✓

Internal Abnormalities/Parasites: NA

Comments: ✓

Sex: M (F) ?

Mature: YIN

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: YIN
 Sample for Organics/Trace metals: YIN
 Liver sample for P450: YIN
 Gill sample for P450: YIN
 Spleen sample for P450: YIN
 Kidney sample for P450: YIN
 Heart sample for P450: YIN
 Gonad sample for P450: YIN
 Muscle tissue sample for P450: YIN

Sample Code: 01-PBS-78-FAC-T-AF

Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-

Comments: gut tissue taken for P450

Recorder: James Sample

Date: 08/06/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 06, 01 Latitude: 70° 17.650' N
 Time Collected: 07:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 1-D
 Method of Take: Fyke net/ Trawl / Hook & Line Species: Pomatomus Sculpin (P3)
 Period of Deployment: 08/04 - 08/04 Recorder: FQ
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08, 06, 01 Dissector: JG, GL
 Start Time: 11:27 Recorder: Fav
 Finish Time: 11:32 Specimen Code: FS
 Standard Length (mm): 140 Weight (g): 32
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M (F) ? Mature: (Y) N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<u>(Y) N</u>	Sample Code:	<u>01-PBS-79-FAC-T-FS</u>
Sample for Organics/Trace metals:	<u>(Y) N</u>	Sample Code:	<u>01- - -PHC - -</u>
Liver sample for P450:	<u>(Y) N</u>	Sample Code:	<u>01- - -CYP - -</u>
Gill sample for P450:	<u>(Y) N</u>	Sample Code:	<u>01- - -CYP - -</u>
Spleen sample for P450:	<u>(Y) N</u>	Sample Code:	<u>01- - -CYP - -</u>
Kidney sample for P450:	<u>(Y) N</u>	Sample Code:	<u>01- - -CYP - -</u>
Heart sample for P450:	<u>(Y) N</u>	Sample Code:	<u>01- - -CYP - -</u>
Gonad sample for P450:	<u>(Y) N</u>	Sample Code:	<u>01- - -CYP - -</u>
Muscle tissue sample for P450:	<u>(Y) N</u>	Sample Code:	<u>01- - -CYP - -</u>

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08 106 1 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/06/01 Latitude: 70° 17.650' N
 Time Collected: 09:00 Longitude: 147° 49.211' W
 Station Code: PBS Depth (m): 1.0
 Method of Take: Fyke Net / Trawl / Hook & Line Species: Powder Mill Sculpin (FS)
 Period of Deployment: 08/05 - 08/06 Recorder: FEL
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/06/01 Dissector: JG GL
 Start Time: 11:33 Recorder: FEL
 Finish Time: 11:42 Specimen Code: FS
 Standard Length (mm): 142 Weight (g): 35
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F/? Mature: Y/N

Samples (Year - Site - Rep # - Analysis - Matrx - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-PBS-80-FAC-T-FS
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - - PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - - CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - - CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - - CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - - CYP - -

Comments: gut tissue taken for P450

Recorder: Aimee Dunbar Date: 08/06/01

End of dissection day @ 08:00

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: NA
 Station Code: L14 Depth (m): NA
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic Cisco (Ac)
 Period of Deployment: 08/07 Recorder: FR
 Alive when Caught: Y / N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG GL
 Start Time: 18:32 Recorder: FR
 Finish Time: 18:44 Specimen Code: AC
 Standard Length (mm): 280 Weight (g): 200
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M / F / ? Mature: Y / N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01-L14-81-FAC-T-AC</u>
Sample for Organics/Trace metals:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01- - -PHC- -</u>
Liver sample for P450:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01- - -CYP- -</u>
Gill sample for P450:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01- - -CYP- -</u>
Spleen sample for P450:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01- - -CYP- -</u>
Kidney sample for P450:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01- - -CYP- -</u>
Heart sample for P450:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01- - -CYP- -</u>
Gonad sample for P450:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01- - -CYP- -</u>
Muscle tissue sample for P450:	<input checked="" type="checkbox"/> Y / <input type="checkbox"/> N	Sample Code:	<u>01- - -CYP- -</u>

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic Cisco (AC)
 Period of Deployment: 08/07 Recorder: FR
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG, GL
 Start Time: 18:44 Recorder: FR
 Finish Time: 18:49 Specimen Code: AC
 Standard Length (mm): 300 Weight (g): 225
 External Abnormalities/Parasites: — Comments: —
 Internal Abnormalities/Parasites: yes Comments: tape worms
 Sex: (M)/F/? Mature: Y(N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)/N Sample Code: 01-L14-82-FAC-T-AC
 Sample for Organics/Trace metals: (Y)/N Sample Code: 01- - -PHC - -
 Liver sample for P450: (Y)/N Sample Code: 01- - -CYP - -
 Gill sample for P450: (Y)/N Sample Code: 01- - -CYP - -
 Spleen sample for P450: (Y)/N Sample Code: 01- - -CYP - -
 Kidney sample for P450: (Y)/N Sample Code: 01- - -CYP - -
 Heart sample for P450: (Y)/N Sample Code: 01- - -CYP - -
 Gonad sample for P450: (Y)/N Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: (Y)/N Sample Code: 01- - -CYP - -

Comments: gut tissue taken for P450
fatty tissue

Recorder: [Signature] Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: arctic cisco (AC)
 Period of Deployment: 08/07 Recorder: FEL
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG, GL
 Start Time: 18:49 Recorder: FEL
 Finish Time: 18:56 Specimen Code: AC
 Standard Length (mm): 275 Weight (g): 200
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: yes Comments: tapeworms
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-L14 83 - FAC - T - AC
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - - PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - - CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - - CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - - CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - - CYP - -

Comments: gut tissue
stomach packed w shrimp mysids

Recorder: Ann Dwyer Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01
 Time Collected: 10:00
 Station Code: L14
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08-07-01
 Alive when Caught: Y/N
 Comments: _____

Latitude: NA
 Longitude: _____
 Depth (m): _____
 Species: Arctic OSCU (AC)
 Recorder: Edw

Dissection

Date: 08/07/01
 Start Time: 18:56
 Finish Time: 19:02
 Standard Length (mm): 287

Dissector: JG, GL
 Recorder: FA
 Specimen Code: AC
 Weight (g): 200

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: yes

Comments: tapeworms

Sex: (M) F ?

Mature: Y/N

Samples

(Year Site Rep # Analysis Matrix Sp Code)

Bile/Gall for FAC: (Y) N
 Sample for Organics/Trace metals: (Y) N
 Liver sample for P450: (Y) N
 Gill sample for P450: (Y) N
 Spleen sample for P450: (Y) N
 Kidney sample for P450: (Y) N
 Heart sample for P450: (Y) N
 Gonad sample for P450: (Y) N
 Muscle tissue sample for P450: (Y) N

Sample Code: 01-L14-84-FAC-T-AC

Sample Code: 01-	-	-	PHC	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	✓	✓	CYP	✓	✓	✓

Comments: gut tissue taken for P450

full stomach crustacea amphipods mollusks

Recorder: Ann Dwyer

Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:20 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / ~~Trawl~~ / Hook & Line Species: Arctico ~~psco~~ (AC)
 Period of Deployment: 09/07 Recorder: F&L
 Alive when Caught: (Y)N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG GL
 Start Time: 19:02 Recorder: F&L
 Finish Time: 19:11 Specimen Code: AC
 Standard Length (mm): 245 Weight (g): 175
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: yes Comments: tapeworm
 Sex: (M)F/? Mature: (Y)N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N Sample Code: 01-L14-05-FAC-T-AC
 Sample for Organics/Trace metals: (Y)N Sample Code: 01- - - PHC - -
 Liver sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Gill sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Spleen sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Kidney sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Heart sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Gonad sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: (Y)N Sample Code: 01- - - CYP - -

Comments: gut tissue taken for P450

Recorder: Ann Dwyer Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01
 Time Collected: 12:20
 Station Code: L14
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/07
 Alive when Caught: Y / N
 Comments: _____

Latitude: NA
 Longitude: _____
 Depth (m): _____
 Species: Arctic cisco (AC)
 Recorder: Feb

Dissection

Date: 08/07/01
 Start Time: 19:11
 Finish Time: 19:18
 Standard Length (mm): 257

Dissector: JB & L
 Recorder: FW
 Specimen Code: AC
 Weight (g): 175

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M / F ?

Mature: Y / N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y / N
 Sample for Organics/Trace metals: Y / N
 Liver sample for P450: Y / N
 Gill sample for P450: Y / N
 Spleen sample for P450: Y / N
 Kidney sample for P450: Y / N
 Heart sample for P450: Y / N
 Gonad sample for P450: Y / N
 Muscle tissue sample for P450: Y / N

Sample Code: 01-L14-86-FAC-T-AC

Sample Code: 01-	-	-	PHC	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	↓	↓	CYP	↓	↓

Comments: _____

Recorder: [Signature]

Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): 0150
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic TUSK (AC)
 Period of Deployment: 08/07 Recorder: FCB
 Alive when Caught: (Y/N)
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG GL
 Start Time: 19:18 Recorder: FCB
 Finish Time: 19:24 Specimen Code: AC
 Standard Length (mm): 288 Weight (g): 175
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (M/F)? Mature: (Y/N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y/N) Sample Code: 01-L14-87-FAC-T-AC
 Sample for Organics/Trace metals: (Y/N) Sample Code: 01- - -PHC - -
 Liver sample for P450: (Y/N) Sample Code: 01- - -CYP - -
 Gill sample for P450: (Y/N) Sample Code: 01- - -CYP - -
 Spleen sample for P450: (Y/N) Sample Code: 01- - -CYP - -
 Kidney sample for P450: (Y/N) Sample Code: 01- - -CYP - -
 Heart sample for P450: (Y/N) Sample Code: 01- - -CYP - -
 Gonad sample for P450: (Y/N) Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: (Y/N) Sample Code: 01- - -CYP - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / ~~Trawl~~ / Hook & Line Species: Arctic Cisco (AC)
 Period of Deployment: 08/07 Recorder: Far
 Alive when Caught: Y / N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JB, GL
 Start Time: 19:24 Recorder: FB
 Finish Time: 19:50:30 Specimen Code: Ac
 Standard Length (mm): 303 Weight (g): 200
 External Abnormalities/Parasites: NA Comments: ✓
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M / F / ? Mature: Y / N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y / N
 Sample for Organics/Trace metals: Y / N
 Liver sample for P450: Y / N
 Gill sample for P450: Y / N
 Spleen sample for P450: Y / N
 Kidney sample for P450: Y / N
 Heart sample for P450: Y / N
 Gonad sample for P450: Y / N
 Muscle tissue sample for P450: Y / N

Sample Code: 01-L14-88-FAC-T-AC

Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-

Comments: gut tissue taken for P450

Recorder: Anna Darg Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic cod (AK) ACP
 Period of Deployment: 08/07 Recorder: FDL
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG, GL
 Start Time: 19:50 Recorder: FDL
 Finish Time: 20:00 Specimen Code: ACD
 Standard Length (mm): 144 Weight (g): 22
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (M) F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y) N Sample Code: 01- L14-89 - FAC - T - ACP
 Sample for Organics/Trace metals: (Y) N Sample Code: 01- - - PHC - -
 Liver sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Gill sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Spleen sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Kidney sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Heart sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Gonad sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: (Y) N Sample Code: 01- ↓ - ↓ - CYP ↓ - ↓

Comments: gut tissue taken for P450

Recorder: Chris Doyle Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: MA
 Time Collected: 10:00 Longitude: J
 Station Code: L14 Depth (m): J
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic cod (ACD)
 Period of Deployment: 08/07 Recorder: FAV
 Alive when Caught: (Y)N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: SG, GL
 Start Time: 20:00 Recorder: FAV
 Finish Time: 20:10 Specimen Code: ACD
 Standard Length (mm): 135 Weight (g): 21
 External Abnormalities/Parasites: NA Comments: —
 Internal Abnormalities/Parasites: NA Comments: —
 Sex: (M)F? Mature: (Y)N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N Sample Code: 01-L14-90-FAC-T-ACD
 Sample for Organics/Trace metals: (Y)N Sample Code: 01- - -PHC - -
 Liver sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Gill sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Spleen sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Kidney sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Heart sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Gonad sample for P450: (Y)N Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: (Y)N Sample Code: 01- - -CYP - -

Comments: gut tissue taken P450

Recorder: [Signature] Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic COD (AeD)
 Period of Deployment: 08/07 Recorder: FR
 Alive when Caught: (Y)IN
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG, GL
 Start Time: 20:10 Recorder: FR
 Finish Time: 20:17 Specimen Code: ACD
 Standard Length (mm): 143 Weight (g): 22
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (M)F? Mature: (Y)IN

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)IN Sample Code: 01-04-91-FAC-T-ACD
 Sample for Organics/Trace metals: (Y)IN Sample Code: 01- - -PHC - -
 Liver sample for P450: (Y)IN Sample Code: 01- - -CYP - -
 Gill sample for P450: (Y)IN Sample Code: 01- - -CYP - -
 Spleen sample for P450: (Y)IN Sample Code: 01- - -CYP - -
 Kidney sample for P450: (Y)IN Sample Code: 01- - -CYP - -
 Heart sample for P450: (Y)IN Sample Code: 01- - -CYP - -
 Gonad sample for P450: (Y)IN Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: (Y)IN Sample Code: 01-√-√-CYP-√-√

Comments: gut taken for P450

Recorder: [Signature] Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic cod (ACD)
 Period of Deployment: 08/07/01 Recorder: FR
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG, GL
 Start Time: 20:17 Recorder: FR
 Finish Time: 20:21 Specimen Code: ACD
 Standard Length (mm): 146 Weight (g): 25
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep.# - Analysis - Matrix - Sp. Code)

Small amt?
 Bile/Gall for FAC: Y/N Sample Code: 01-L14-92-FAC-T-ACD
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - -PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - -CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - -CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - -CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- ↓ - ↓ - CYP - ↓ - ↓

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: kelp snailfish (KS)
 Period of Deployment: 08/07 Recorder: Fcu
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG GL
 Start Time: 20:21 Recorder: Fcu
 Finish Time: 20:32 Specimen Code: KS
 Standard Length (mm): L14 Weight (g): 22
 External Abnormalities/Parasites: NA Comments: —
 Internal Abnormalities/Parasites: NA Comments: —
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-L14-93-FAC-T-KS
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - -PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - -CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - -CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - -CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- ↓ - ↓ - CYP - ↓ ↓

Comments: gut tissue taken for P450

Recorder: Ann Douglas Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:30 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: keel snailfish (KS)
 Period of Deployment: 08/07 Recorder: FA
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG
 Start Time: 20:33 Recorder: FA
 Finish Time: 20:42 Specimen Code: KS
 Standard Length (mm): 100 Weight (g): 20
 External Abnormalities/Parasites: NA Comments: —
 Internal Abnormalities/Parasites: NA Comments: —
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-L14-94-FAC-T-KS
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - -PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - -CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - -CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - -CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - -CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - -CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - -CYP - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 07, 01
 Time Collected: 10:00
 Station Code: L14
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/07
 Alive when Caught: Y/N
 Comments: _____

Latitude: NA
 Longitude: _____
 Depth (m): _____
 Species: Fourhorn Sculpin (A) FS
 Recorder: FE

Dissection

Date: 08, 07, 01
 Start Time: 20:42
 Finish Time: 20:48
 Standard Length (mm): 150

Dissector: JG
 Recorder: FE
 Specimen Code: FS
 Weight (g): 33

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M(F)?

Mature: Y(N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N
 Sample for Organics/Trace metals: Y/N
 Liver sample for P450: Y/N
 Gill sample for P450: Y/N
 Spleen sample for P450: Y/N
 Kidney sample for P450: Y/N
 Heart sample for P450: Y/N
 Gonad sample for P450: Y/N
 Muscle tissue sample for P450: Y/N

Sample Code: 01-44-95-FAC-T-FS

Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-
Sample Code: 01-	-	-	-	-	-

Comments: gut tissue taken for P450

Recorder: Ann Douglas

Date: 08, 07, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/07/01 Latitude: NA
 Time Collected: 10:00 Longitude: ↓
 Station Code: L14 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: Fourhorn Sculpin (FS)
 Period of Deployment: 08/07/01 Recorder: Fer
 Alive when Caught: (Y)N
 Comments: _____

Dissection

Date: 08/07/01 Dissector: JG
 Start Time: 20:48 Recorder: Fer
 Finish Time: 20:59 Specimen Code: FS
 Standard Length (mm): 180 Weight (g): 50
 External Abnormalities/Parasites: NA Comments: —
 Internal Abnormalities/Parasites: NA Comments: —
 Sex: M(F)? Mature: (Y)N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N Sample Code: 01-L14-96-FAC-T-FS
 Sample for Organics/Trace metals: (Y)N Sample Code: 01- - - PHC - -
 Liver sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Gill sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Spleen sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Kidney sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Heart sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Gonad sample for P450: (Y)N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: (Y)N Sample Code: 01- - - CYP - -

Comments: gut tissue taken for P450

Recorder: Tim Ogden Date: 08/07/01

end of dissection day
 @ 08/07/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/00
 Time Collected: 16:00
 Station Code: BPS
 Method of Take: Fyke net / (Trawl) Hook & Line
 Period of Deployment: 08/10 - 8/11
 Alive when Caught: Y N
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.6" W
 Depth (m): 1 m
 Species: ArctZ OSMO (AC)
 Recorder: _____

Dissection

Date: 08/11/00
 Start Time: 20:00
 Finish Time: 20:13
 Standard Length (mm): 165

Dissector: JG, GL, MM
 Recorder: ECM
 Specimen Code: AC
 Weight (g): 2.00

External Abnormalities/Parasites: NA

Comments: ✓

Internal Abnormalities/Parasites: NA

Comments: ✓

Sex: M F ?

Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code:	01-	^{BPS} 45-97	- FAC	- T	- AC
Sample Code:	01-	-	- PHC	-	-
Sample Code:	01-	-	- CYP	-	-
Sample Code:	01-	-	- CYP	-	-
Sample Code:	01-	-	- CYP	-	-
Sample Code:	01-	-	- CYP	-	-
Sample Code:	01-	-	- CYP	-	-
Sample Code:	01-	-	- CYP	-	-

Comments: gut tissue taken for P450

Recorder: Tom Taylor

Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: 70° 10' 14.2" N
 Time Collected: 16:00 Longitude: 146° 53' 35.0" W
 Station Code: BPS Depth (m): 1-0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic Cisco (AC)
 Period of Deployment: 08/10 - 08/11 Recorder: Kau
 Alive when Caught: (Y)IN
 Comments: _____

Dissection

Date: 08/18/01 Dissector: JG GL
 Start Time: 20:13 Recorder: Kau
 Finish Time: 20:20 Specimen Code: AC
 Standard Length (mm): 300 Weight (g): 225
 External Abnormalities/Parasites: NA YES Comments: _____
 Internal Abnormalities/Parasites: NA YES Comments: Tapeworms
 Sex: (M)F? Mature: YIN

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)IN Sample Code: 01-BPS-98-FAC-T-AC
 Sample for Organics/Trace metals: (Y)IN Sample Code: 01- - - PHC - -
 Liver sample for P450: (Y)IN Sample Code: 01- - - CYP - -
 Gill sample for P450: (Y)IN Sample Code: 01- - - CYP - -
 Spleen sample for P450: (Y)IN Sample Code: 01- - - CYP - -
 Kidney sample for P450: (Y)IN Sample Code: 01- - - CYP - -
 Heart sample for P450: (Y)IN Sample Code: 01- - - CYP - -
 Gonad sample for P450: (Y)IN Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: (Y)IN Sample Code: 01- - - CYP - -

Comments: giant tissue tumor for P450

Recorder: John D. [Signature] Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: 70° 10' 14.2" N
 Time Collected: 16:00 Longitude: 146° 53' 38.0" W
 Station Code: BPS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic Ocean (H)
 Period of Deployment: 08/10 - 08/11 Recorder: FDR
 Alive when Caught: (Y)N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: SG, GL
 Start Time: 20:20 Recorder: FDR
 Finish Time: 20:28 Specimen Code: AC
 Standard Length (mm): 267 Weight (g): 175
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (M)F? Mature: (Y)N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N
 Sample for _____
 Organics/Trace metals: (Y)N
 Liver sample for P450: (Y)N
 Gill sample for P450: (Y)N
 Spleen sample for P450: (Y)N
 Kidney sample for P450: (Y)N
 Heart sample for P450: (Y)N
 Gonad sample for P450: (Y)N
 Muscle tissue sample for P450: (Y)N

Sample Code: 01- BPS-99 - FAC - T - AC
 Sample Code: 01- - - PHC - - -
 Sample Code: 01- - - CYP - - -
 Sample Code: 01- - - CYP - - -
 Sample Code: 01- - - CYP - - -
 Sample Code: 01- - - CYP - - -
 Sample Code: 01- - - CYP - - -
 Sample Code: 01- - - CYP - - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: 70° 10' 14.2" N
 Time Collected: 16:00 Longitude: 176° 53' 38.0" W
 Station Code: BPS Depth (m): 10
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic cisco (AC)
 Period of Deployment: 8/10 - 8/11 Recorder: FD
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG, GL
 Start Time: 20:28 Recorder: FD
 Finish Time: 20:36 Specimen Code: AC
 Standard Length (mm): 318 Weight (g): 200
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F/? Mature: Y(N)

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>Y/N</u>	Sample Code: <u>01-BPS-100-FAC-T-AC</u>
Sample for Organics/Trace metals: <u>Y/N</u>	Sample Code: 01- - - PHC - -
Liver sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Gill sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Spleen sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Kidney sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Heart sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Gonad sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -
Muscle tissue sample for P450: <u>Y/N</u>	Sample Code: 01- - - CYP - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01
 Time Collected: 16:00
 Station Code: BPS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/10 - 08/11
 Alive when Caught: Y N
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 1.0
 Species: arted cisco (AC)
 Recorder: FCR

Dissection

Date: 08/11/01
 Start Time: 20:30
 Finish Time: 20:41
 Standard Length (mm): 315

Dissector: JG, GL
 Recorder: FCR
 Specimen Code: AC
 Weight (g): 200

External
 Abnormalities/Parasites: NA

Comments: _____

Internal
 Abnormalities/Parasites: NA

Comments: _____

Sex: M F ?

Mature: Y N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for
 Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for
 P450: Y N

Sample Code: 01-BPS-101-FAC-T-AC

Sample Code: 01-	-	-	PHC	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	-	-	CYP	-	-	-
Sample Code: 01-	↓	↓	CYP	↓	↓	↓

Comments: _____

gut tissue taken for P450

Recorder: _____

Jim Zylber

Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01
 Time Collected: 10:00
 Station Code: 008 BPS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/10 - 8/11
 Alive when Caught: YIN
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 1-0
 Species: Arctic Cisco (AC)
 Recorder: FA

Dissection

Date: 08/11/01
 Start Time: 20:28 YI
 Finish Time: 20:48
 Standard Length (mm): 314

Dissector: JG-GL
 Recorder: Fiber
 Specimen Code: AC
 Weight (g): 200

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: (M) F?

Mature: YIN

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: YIN
 Sample for Organics/Trace metals: YIN
 Liver sample for P450: YIN
 Gill sample for P450: YIN
 Spleen sample for P450: YIN
 Kidney sample for P450: YIN
 Heart sample for P450: YIN
 Gonad sample for P450: YIN
 Muscle tissue sample for P450: YIN

Sample Code: 01- BPS-102- FAC - T - AC

Sample Code: 01-	-	- PHC -	-	-
Sample Code: 01-	-	- CYP -	-	-
Sample Code: 01-	-	- CYP -	-	-
Sample Code: 01-	-	- CYP -	-	-
Sample Code: 01-	-	- CYP -	-	-
Sample Code: 01-	-	- CYP -	-	-
Sample Code: 01-	-	- CYP -	-	-
Sample Code: 01-	-	- CYP -	-	-

Comments: gut tissue taken for P450

Recorder: [Signature]

Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: 70° 10' 14.2" N
 Time Collected: 16:00 Longitude: 146° 53' 38.0" W
 Station Code: BPS Depth (m): 1.0
 Method of Take: Ryke net / Trawl / Hook & Line Species: Arctide cisco (AC)
 Period of Deployment: 08/10 - 08/11 Recorder: fel
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG GL
 Start Time: 20:48 Recorder: fel
 Finish Time: 20:51 Specimen Code: AC
 Standard Length (mm): 273 Weight (g): 175
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-^{BPS} PB-103-FAC-T-AC
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - - PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - - CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - - CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - - CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - - CYP - -

Comments: gut tissue taken for p450Recorder: [Signature]Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: 70° 10' 14.2" N
 Time Collected: 16:00 Longitude: 146° 53' 38.0" W
 Station Code: BPS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic C:50 (AC)
 Period of Deployment: 08/10 - 08/11 Recorder: ER
 Alive when Caught: (Y)N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG GL
 Start Time: 20:51 Recorder: ER
 Finish Time: 20:55 Specimen Code: AC
 Standard Length (mm): (2) 287 297 Weight (g): 200
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (M)F? Mature: (Y)N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>(Y)N</u>	Sample Code: 01- <u>BPS</u> - <u>104</u> - FAC - T - AC
Sample for Organics/Trace metals: <u>(Y)N</u>	Sample Code: 01- - - PHC - -
Liver sample for P450: <u>(Y)N</u>	Sample Code: 01- - - CYP - -
Gill sample for P450: <u>(Y)N</u>	Sample Code: 01- - - CYP - -
Spleen sample for P450: <u>(Y)N</u>	Sample Code: 01- - - CYP - -
Kidney sample for P450: <u>(Y)N</u>	Sample Code: 01- - - CYP - -
Heart sample for P450: <u>(Y)N</u>	Sample Code: 01- - - CYP - -
Gonad sample for P450: <u>(Y)N</u>	Sample Code: 01- - - CYP - -
Muscle tissue sample for P450: <u>(Y)N</u>	Sample Code: 01- <u>✓</u> - <u>✓</u> CYP - <u>✓</u> <u>✓</u>

Comments: gut tissue taken for P450

Recorder: Mark Dyer Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: 70° 10' 14.2" N
 Time Collected: 10:00 Longitude: 196° 53' 38.0" W
 Station Code: BPS Depth (m): 1.0
 Method of Take: Fyke net / Trawl / Hook & Line Species: WATER COCO (AC)
 Period of Deployment: 08/10 - 08/11 Recorder: FEL
 Alive when Caught: Y N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: SL, GL
 Start Time: 20:34 55 Recorder: FEL
 Finish Time: 20:43 59 Specimen Code: AC
 Standard Length (mm): 304 Weight (g): 200
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M F ? Mature: Y N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- <u>BPS</u> - <u>105</u> - FAC - T - AC
Sample for Organics/Trace metals: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- - - PHC - - -
Liver sample for P450: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- - - CYP - - -
Gill sample for P450: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- - - CYP - - -
Spleen sample for P450: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- - - CYP - - -
Kidney sample for P450: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- - - CYP - - -
Heart sample for P450: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- - - CYP - - -
Gonad sample for P450: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- - - CYP - - -
Muscle tissue sample for P450: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Sample Code: 01- - - CYP - - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: 70° 10' 14.2" N
 Time Collected: 16:00 Longitude: 146° 53' 38.0" W
 Station Code: BPS Depth (m): _____
 Method of Take: Fyke net / Trawl / Hook & Line Species: Polly Varden (DV)
 Period of Deployment: 08/10 - 08/11 Recorder: FEL
 Alive when Caught: (X) N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG, GL
 Start Time: 21:00 Recorder: FEL
 Finish Time: 21:04 Specimen Code: _____ DV
 Standard Length (mm): 437 Weight (g): 600
 External Abnormalities/Parasites: N.A Comments: _____
 Internal Abnormalities/Parasites: Y Comments: Tapeworms
 Sex: M(?)? Mature: Y(N)

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (X) N Sample Code: 01- BPS - 106 - FAC - T - DV
 Sample for Organics/Trace metals: (X) N Sample Code: 01- - - PHC - -
 Liver sample for P450: (X) N Sample Code: 01- - - CYP - -
 Gill sample for P450: (X) N Sample Code: 01- - - CYP - -
 Spleen sample for P450: (X) N Sample Code: 01- - - CYP - -
 Kidney sample for P450: (X) N Sample Code: 01- - - CYP - -
 Heart sample for P450: (X) N Sample Code: 01- - - CYP - -
 Gonad sample for P450: (X) N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: (X) N Sample Code: 01- - - CYP - -

Comments: gut taken for P450

Recorder: [Signature] Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: 70° 10' 14.2" N
 Time Collected: 16:00 Longitude: 146° 53' 38.0" W
 Station Code: BPS Depth (m): 1.0
 Method of Take: Fyke Net / Trawl / Hook & Line Species: Polly Varden (PV)
 Period of Deployment: 08/10 - 08/11 Recorder: _____
 Alive when Caught: N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG, GL
 Start Time: 21:04 Recorder: JA
 Finish Time: 21:08 Specimen Code: PV
 Standard Length (mm): 293 Weight (g): 225
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA (T) Comments: tapeworms
 Sex: M/F/? Mature: Y (N)

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: N Sample Code: 01-BPS-107-FAC-T-PV
 Sample for Organics/Trace metals: N Sample Code: 01- - - PHC - - -
 Liver sample for P450: N Sample Code: 01- - - CYP - - -
 Gill sample for P450: N Sample Code: 01- - - CYP - - -
 Spleen sample for P450: N Sample Code: 01- - - CYP - - -
 Kidney sample for P450: N Sample Code: 01- - - CYP - - -
 Heart sample for P450: N Sample Code: 01- - - CYP - - -
 Gonad sample for P450: N Sample Code: 01- - - CYP - - -
 Muscle tissue sample for P450: N Sample Code: 01- - - CYP - - -

Comments: gut tissue taken for P450

Recorder: Tom Dyke Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/10/01 Latitude: 70° 10' 14.2" N
 Time Collected: 16:00 Longitude: 146° 53' 38.0" W
 Station Code: BPS Depth (m): 1.0
 Method of Take: Fake net / Trawl / Hook & Line Species: Fourhorn Sculpin (FS)
 Period of Deployment: 08/10 - 08/11 Recorder: for
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG, GL
 Start Time: 21:08 Recorder: for
 Finish Time: 21:17 Specimen Code: FS
 Standard Length (mm): 184 Weight (g): 66
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M(F)? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<u>Y/N</u>	Sample Code:	<u>01-</u>	<u>BPS-108</u>	<u>- FAC -</u>	<u>T -</u>	<u>FS</u>
Sample for Organics/Trace metals:	<u>Y/N</u>	Sample Code:	01-	-	- PHC	-	-
Liver sample for P450:	<u>Y/N</u>	Sample Code:	01-	-	- CYP	-	-
Gill sample for P450:	<u>Y/N</u>	Sample Code:	01-	-	- CYP	-	-
Spleen sample for P450:	<u>Y/N</u>	Sample Code:	01-	-	- CYP	-	-
Kidney sample for P450:	<u>Y/N</u>	Sample Code:	01-	-	- CYP	-	-
Heart sample for P450:	<u>Y/N</u>	Sample Code:	01-	-	- CYP	-	-
Gonad sample for P450:	<u>Y/N</u>	Sample Code:	01-	-	- CYP	-	-
Muscle tissue sample for P450:	<u>Y/N</u>	Sample Code:	01-	-	- CYP	-	-

Comments:

gut tissue takengonads totally red - unusual usually yellow

Recorder:

Jim Zylus

Date:

08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01
 Time Collected: 16:00
 Station Code: BPS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/10 - 08/11
 Alive when Caught: Y/N
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 1.0
 Species: Edwardsia Sculpin (B)
 Recorder: Fdr

Dissection

Date: 08/11/01
 Start Time: 21:17
 Finish Time: 21:20
 Standard Length (mm): 172

Dissector: JG, OL
 Recorder: Fdr
 Specimen Code: FS
 Weight (g): 53

External Abnormalities/Parasites: NA

Comments: —

Internal Abnormalities/Parasites: NA

Comments: —

Sex: M/F?

Mature: Y/N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N
 Sample for Organics/Trace metals: Y/N
 Liver sample for P450: Y/N
 Gill sample for P450: Y/N
 Spleen sample for P450: Y/N
 Kidney sample for P450: Y/N
 Heart sample for P450: Y/N
 Gonad sample for P450: Y/N
 Muscle tissue sample for P450: Y/N

Sample Code: 01-^{BPS}-109-FAC-T-FS

Sample Code:	01-	-	-	PHC	-	-	
Sample Code:	01-	-	-	CYP	-	-	
Sample Code:	01-	-	-	CYP	-	-	
Sample Code:	01-	-	-	CYP	-	-	
Sample Code:	01-	-	-	CYP	-	-	
Sample Code:	01-	-	-	CYP	-	-	
Sample Code:	01-	-	-	CYP	-	-	
Sample Code:	01-	-	-	CYP	-	-	

Comments: gut tissue taken for P450
red gonads

Recorder: Frank Doyle

Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 11, 01
 Time Collected: 10:00
 Station Code: BPS
 Method of Take: Vibe net / Trawl / Hook & Line
 Period of Deployment: 08/10 - 08/11
 Alive when Caught: Y/N
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 1.0
 Species: four horn sculpin (FS)
 Recorder: FLW

Dissection

Date: 08, 11, 01
 Start Time: 21:20
 Finish Time: 21:25
 Standard Length (mm): 210

Dissector: JO, CL
 Recorder: FLW
 Specimen Code: FS
 Weight (g): 125

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M/F/?

Mature: (Y)N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N
 Sample for Organics/Trace metals: (Y)N
 Liver sample for P450: (Y)N
 Gill sample for P450: (Y)N
 Spleen sample for P450: (Y)N
 Kidney sample for P450: (Y)N
 Heart sample for P450: (Y)N
 Gonad sample for P450: (Y)N
 Muscle tissue sample for P450: (Y)N

Sample Code:	01-	BPS-110	-	FAC	-	T	-	FS
Sample Code:	01-	-	-	PHC	-	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-	-
Sample Code:	01-	↓	↓	CYP	↓	↓	↓	↓

Comments: gut tissue taken for P450
red ovaries

Recorder: Jim DeGru

Date: 08, 11, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/14/01
 Time Collected: 16:00
 Station Code: BPS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/10 - 08/14
 Alive when Caught: YIN
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 1-0
 Species: Fourhorn Sculpin (FS)
 Recorder: FEA

Dissection

Date: 08/14/01
 Start Time: 21:25
 Finish Time: 21:32
 Standard Length (mm): 182

Dissector: JG GL
 Recorder: FEA
 Specimen Code: FS
 Weight (g): 65

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M (F)?

Mature: (Y)N ?

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)IN
 Sample for Organics/Trace metals: (Y)IN
 Liver sample for P450: (Y)IN
 Gill sample for P450: (Y)IN
 Spleen sample for P450: (Y)IN
 Kidney sample for P450: (Y)IN
 Heart sample for P450: (Y)IN
 Gonad sample for P450: (Y)IN
 Muscle tissue sample for P450: (Y)IN

Sample Code: 01-^{BPS}-111-FAC-T-FS

Sample Code: 01-	-	-PHC-	-	
Sample Code: 01-	-	-CYP-	-	
Sample Code: 01-	-	-CYP-	-	
Sample Code: 01-	-	-CYP-	-	
Sample Code: 01-	-	-CYP-	-	
Sample Code: 01-	-	-CYP-	-	
Sample Code: 01-	-	-CYP-	-	

Comments: gut tissue taken for P450

orange liver bleed in vial
half tint to red on ovaries

Recorder: Tommy J. [Signature]

Date: 08/14/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 11, 01
 Time Collected: 16:00
 Station Code: BPS
 Method of Take: Fake net / Trawl / Hook & Line
 Period of Deployment: 08/10 - 08/11
 Alive when Caught: Y N
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 1.0
 Species: Fourhorn Sculpin (FS)
 Recorder: FCN

Dissection

Date: 08, 11, 01
 Start Time: 21:32
 Finish Time: 21:38
 Standard Length (mm): 175

Dissector: JB GL
 Recorder: FCN
 Specimen Code: FS
 Weight (g): 165

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M (F)?

Mature: Y N ?

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for
 Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for
 P450: Y N

Sample Code: 01-BPS-112-FAC-T-FS

Sample Code:	01-	-	-	PHC	-	-
Sample Code:	01-	-	-	CYP	-	-
Sample Code:	01-	-	-	CYP	-	-
Sample Code:	01-	-	-	CYP	-	-
Sample Code:	01-	-	-	CYP	-	-
Sample Code:	01-	-	-	CYP	-	-
Sample Code:	01-	-	-	CYP	-	-
Sample Code:	01-	↓	↓	CYP	↓	↓

Comments: gut tissue taken for P450
half red tint to gonad.

Recorder: FCN

Date: 08, 11, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01
 Time Collected: 16:00
 Station Code: BPS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/10 - 08/11
 Alive when Caught: Y N
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38" W
 Depth (m): 1.0
 Species: Forkhorn Sulpur (FS)
 Recorder: FEL

Dissection

Date: 08/11/01
 Start Time: 21:38
 Finish Time: :
 Standard Length (mm): 182

Dissector: JG, GL
 Recorder: FEL
 Specimen Code: FS
 Weight (g): 59

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M F ?

Mature: Y N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code:	01-	BPS	-	1B	-	FAC	-	T	-	FS
Sample Code:	01-		-		-	PHC	-		-	
Sample Code:	01-		-		-	CYP	-		-	
Sample Code:	01-		-		-	CYP	-		-	
Sample Code:	01-		-		-	CYP	-		-	
Sample Code:	01-		-		-	CYP	-		-	
Sample Code:	01-		-		-	CYP	-		-	
Sample Code:	01-		-		-	CYP	-		-	

Comments: gut tissue taken for P450
gonads "reddish"

Recorder: Jim Zylman

Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 11, 01
 Time Collected: 16:00
 Station Code: BPS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/10 - 08/11
 Alive when Caught: (Y)N
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 1.0
 Species: fourhorn Sculpin (FS)
 Recorder: FW

Dissection

Date: 08, 11, 01
 Start Time: 21:42
 Finish Time: 21:50
 Standard Length (mm): 164

Dissector: JG, GL
 Recorder: FW
 Specimen Code: FS
 Weight (g): 60

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M(?)?

Mature: (Y)N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N
 Sample for Organics/Trace metals: (Y)N
 Liver sample for P450: (Y)N
 Gill sample for P450: (Y)N
 Spleen sample for P450: (Y)N
 Kidney sample for P450: (Y)N
 Heart sample for P450: (Y)N
 Gonad sample for P450: (Y)N
 Muscle tissue sample for P450: (Y)N

Sample Code:	01-	^{BPS}	-114-	FAC	-T-	FS
Sample Code:	01-	-	-PHC	-	-	-
Sample Code:	01-	-	-CYP	-	-	-
Sample Code:	01-	-	-CYP	-	-	-
Sample Code:	01-	-	-CYP	-	-	-
Sample Code:	01-	-	-CYP	-	-	-
Sample Code:	01-	-	-CYP	-	-	-
Sample Code:	01-	√	-	√	-CYP	√

Comments: gut tissue taken for P450
red gonads

Recorder: Jim Douglas

Date: 08, 11, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01
 Time Collected: 11:30
 Station Code: L15
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/11 1/2 hr
 Alive when Caught: Y N
 Comments: _____

Latitude: see station log.
 Longitude: ↓
 Depth (m): ~2000
 Species: Arctic cod (ACD)
 Recorder: For

Dissection

Date: 08/11/01
 Start Time: 21:48:50
 Finish Time: 21:55:22
 Standard Length (mm): 164

Dissector: JS, GL
 Recorder: For
 Specimen Code: ACD
 Weight (g): 28

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M F ?

Mature: Y N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code: 01-^{L15}~~01~~-15-FAC-T-ACD

Sample Code: 01-	-	-	PHC	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	-	-	CYP	-	-
Sample Code: 01-	↓	↓	CYP	↓	↓

Comments: gut tissue taken for P450

Recorder: For Douglas

Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08, 11, 01 Latitude: see station log
 Time Collected: 11:30 Longitude: _____
 Station Code: _____ L15 Depth (m): _____
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctia cod. (KA)
 Period of Deployment: _____ Recorder: FW
 Alive when Caught: (Y)N Comments: _____
 Comments: _____

Dissection

Date: 08, 11, 01 Dissector: JG GL
 Start Time: 21:55 Recorder: FW
 Finish Time: 21:57 Specimen Code: _____ ACD
 Standard Length (mm): 130 Weight (g): 18
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (M)F/? Mature: Y/N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)N Sample Code: 01- L15-116-FAC-T-ACD
 Sample for Organics/Trace metals: (Y)N Sample Code: 01- - - - PHC - - -
 Liver sample for P450: (Y)N Sample Code: 01- - - - CYP - - -
 Gill sample for P450: (Y)N Sample Code: 01- - - - CYP - - -
 Spleen sample for P450: (Y)N ? Sample Code: 01- - - - CYP - - -
 Kidney sample for P450: (Y)N Sample Code: 01- - - - CYP - - -
 Heart sample for P450: (Y)N Sample Code: 01- - - - CYP - - -
 Gonad sample for P450: (Y)N Sample Code: 01- - - - CYP - - -
 Muscle tissue sample for P450: (Y)N Sample Code: 01- - - - CYP - - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08, 11, 01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: see station log
 Time Collected: 16:30 Longitude: _____
 Station Code: _____ Depth (m): ↓
 Method of Take: Fyke net / (Trawl) / Hook & Line Species: arctic cod (ACD)
 Period of Deployment: 08/11 1/2 hr Recorder: _____
 Alive when Caught: (Y) / (N)
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG GL
 Start Time: 21:57 Recorder: Felt
 Finish Time: 22:01 Specimen Code: ACD
 Standard Length (mm): 139 Weight (g): 19
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (N) / (F) / (?) Mature: (Y) / (N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<u>(Y) / (N)</u>	Sample Code:	01-	^{L15} <u>BTS-117</u>	- FAC - T -	<u>ACD</u>
Sample for Organics/Trace metals:	<u>(Y) / (N)</u>	Sample Code:	01-	-	- PHC -	-
Liver sample for P450:	<u>(Y) / (N)</u>	Sample Code:	01-	-	- CYP -	-
Gill sample for P450:	<u>(Y) / (N)</u>	Sample Code:	01-	-	- CYP -	-
Spleen sample for P450:	<u>(Y) / (N)</u>	Sample Code:	01-	-	- CYP -	-
Kidney sample for P450:	<u>(Y) / (N)</u>	Sample Code:	01-	-	- CYP -	-
Heart sample for P450:	<u>(Y) / (N)</u>	Sample Code:	01-	-	- CYP -	-
Gonad sample for P450:	<u>(Y) / (N)</u>	Sample Code:	01-	-	- CYP -	-
Muscle tissue sample for P450:	<u>(Y) / (N)</u>	Sample Code:	01-	↓	↓ - CYP -	↓

Comments: gut tissue taken for P450

Recorder: Ann Zylu Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: see station log
 Time Collected: 11:30 Longitude: ↓
 Station Code: L15 Depth (m): ↓
 Method of Take: Fyke net / (Trawl) / Hook & Line Species: Atlantic cod (ACD)
 Period of Deployment: 08/11 Recorder: FR
 Alive when Caught: (Y)IN
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG & L
 Start Time: 22:03 Recorder: FR
 Finish Time: 22:11 Specimen Code: ACD
 Standard Length (mm): 136 Weight (g): 19
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<u>(Y)IN</u>	Sample Code:	<u>01-45-118-FAC-T-ACD</u>
Sample for Organics/Trace metals:	<u>(Y)IN</u>	Sample Code:	<u>01- - -PHC - -</u>
Liver sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Gill sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Spleen sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Kidney sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Heart sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Gonad sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>
Muscle tissue sample for P450:	<u>(Y)IN</u>	Sample Code:	<u>01- - -CYP - -</u>

Comments: gut tissue taken for P450

Recorder: Jim Zylstra Date: 08/11/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/11/01 Latitude: _____
 Time Collected: _____ Longitude: _____
 Station Code: _____ Depth (m): _____
 Method of Take: Fyke net / Trawl / Hook & Line Species: Equipment Blank (EB)
 Period of Deployment: _____ Recorder: Fer
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/11/01 Dissector: JG, GL
 Start Time: 22:13 Recorder: Fer
 Finish Time: 22:15 Specimen Code: EB
 Standard Length (mm): _____ Weight (g): _____
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<u>Y/N</u>	Sample Code:	<u>01-BPS-119-FAC-EB-QC</u>
Sample for Organics/Trace metals:	<u>Y/N</u>	Sample Code:	<u>01-BPS-119-PHC-EB-QC</u>
Liver sample for P450:	<u>Y/N</u>	Sample Code:	<u>01- - -CYP - -</u>
Gill sample for P450:	<u>Y/N</u>	Sample Code:	<u>01- - -CYP - -</u>
Spleen sample for P450:	<u>Y/N</u>	Sample Code:	<u>01- - -CYP - -</u>
Kidney sample for P450:	<u>Y/N</u>	Sample Code:	<u>01- - -CYP - -</u>
Heart sample for P450:	<u>Y/N</u>	Sample Code:	<u>01- - -CYP - -</u>
Gonad sample for P450:	<u>Y/N</u>	Sample Code:	<u>01- - -CYP - -</u>
Muscle tissue sample for P450:	<u>Y/N</u>	Sample Code:	<u>01- - -CYP - -</u>

Comments: equipment blank rinsate

Recorder: Tracy J. J... Date: 08/11/01

Sediment
 @ Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/12/01 Latitude: _____
 Time Collected: 10:00 Longitude: _____
 Station Code: @ BPS BPS Depth (m): shore intertidal
 Method of Take: Fyke net / Trawl / Hook & Line Species: _____
 Period of Deployment: _____ Recorder: EQ
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 1/1 Dissector: NA
 Start Time: _____ Recorder: _____
 Finish Time: _____ Specimen Code: _____
 Standard Length (mm): _____ Weight (g): _____
 External Abnormalities/Parasites: _____ Comments: _____
 Internal Abnormalities/Parasites: _____ Comments: _____
 Sex: M/F/? Mature: Y/N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC:	<u>Y/N</u>	Sample Code:	<u>01-120-FAC--</u>
Sample for Organics/Trace metals:	<u>Y/N</u>	Sample Code:	<u>01-BPS-120-PHC-S-SEEP</u>
Liver sample for P450:	<u>Y/N</u>	Sample Code:	<u>01--CYP--</u>
Gill sample for P450:	<u>Y/N</u>	Sample Code:	<u>01--CYP--</u>
Spleen sample for P450:	<u>Y/N</u>	Sample Code:	<u>01--CYP--</u>
Kidney sample for P450:	<u>Y/N</u>	Sample Code:	<u>01--CYP--</u>
Heart sample for P450:	<u>Y/N</u>	Sample Code:	<u>01--CYP--</u>
Gonad sample for P450:	<u>Y/N</u>	Sample Code:	<u>01--CYP--</u>
Muscle tissue sample for P450:	<u>Y/N</u>	Sample Code:	<u>01--CYP--</u>

Comments: GPS Coord.
Shore along banks of W side of BPS collected for reference

Recorder: [Signature] Date: 08/12/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/12/01 Latitude: 70° 10' 14.2" N
 Time Collected: 09:00 Longitude: 146° 53' 38.0" W
 Station Code: BPS Depth (m): 60
 Method of Take: Fyke net / Trawl / Hook & Line Species: Fawnfin Saitama (FS)
 Period of Deployment: (B) 08/11 - 08/12 9:00am Recorder: FQ
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/12/01 Dissector: JG GL
 Start Time: 17:42 Recorder: FQ
 Finish Time: 17:50 Specimen Code: _____ FS
 Standard Length (mm): 145 Weight (g): 25
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (M) F / ? Mature: Y/N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y) N Sample Code: 01-BPS-121-FAC-T-FS
 Sample for Organics/Trace metals: (Y) N Sample Code: 01- - - PHC - -
 Liver sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Gill sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Spleen sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Kidney sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Heart sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Gonad sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: (Y) N Sample Code: 01- - - CYP - -

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/12/01
12

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/12/01
 Time Collected: 09:00
 Station Code: BPE
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 08/11 08/12
 Alive when Caught: Y N

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 1.0
 Species: fourhorn Scalpa (FS)
 Recorder: FR

Comments: _____

Dissection

Date: 08/12/01
 Start Time: 12:50
 Finish Time: 17:53
 Standard Length (mm): 185

Dissector: JG GL
 Recorder: FR
 Specimen Code: FS
 Weight (g): 65

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: WIF?

Mature: Y N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code:	01-	BPE	122	-	FAC	-	T	-	FS
Sample Code:	01-	-	-	-	PHC	-	-	-	-
Sample Code:	01-	-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	-	CYP	-	-	-	-
Sample Code:	01-	-	-	-	CYP	-	-	-	-

Comments: gut tissue taken for P450

Recorder: Ann Zyga

Date: 08/12/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/12/01
 Time Collected: 09:00
 Station Code: BPS
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: @ 08/11 - 08/12
 Alive when Caught: YIN
 Comments: _____

Latitude: 70° 10' 14.2" N
 Longitude: 146° 53' 38.0" W
 Depth (m): 100
 Species: Forkhorn Sculpin (AF FS)
 Recorder: PCR

Dissection

Date: 08/12/01
 Start Time: 17:53
 Finish Time: 17:58
 Standard Length (mm): 171

Dissector: JB, GL
 Recorder: PCR
 Specimen Code: AF FS
 Weight (g): 55

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M/F?

Mature: (Y)N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y)IN
 Sample for Organics/Trace metals: (Y)IN
 Liver sample for P450: (Y)IN
 Gill sample for P450: (Y)IN
 Spleen sample for P450: (Y)IN
 Kidney sample for P450: (Y)IN
 Heart sample for P450: (Y)IN
 Gonad sample for P450: (Y)IN
 Muscle tissue sample for P450: (Y)IN

Sample Code: 01-BPS-123-FAC-T-FS
 Sample Code: 01- - -PHC - -
 Sample Code: 01- - -CYP - -
 Sample Code: 01- - -CYP - -
 Sample Code: 01- - -CYP - -
 Sample Code: 01- - -CYP - -
 Sample Code: 01- - -CYP - -
 Sample Code: 01- - -CYP - -
 Sample Code: 01- - -CYP - -

Comments: gut tissue taken for P450

Recorder: [Signature]

Date: 08/12/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/12/01 Latitude: 70° 10' 14.2" N
 Time Collected: 04:50 Longitude: 146° 53' 38.0" W
 Station Code: BPS Depth (m): 10
 Method of Take: Fyke net / Trawl / Hook & Line Species: Dolly Varden (W)
 Period of Deployment: 08/11 - 08/12 Recorder: FJA
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/12/01 Dissector: JG GL
 Start Time: 7:58 Recorder: FJA
 Finish Time: 10:10 Specimen Code: DV
 Standard Length (mm): 495 Weight (g): 650
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: Y Comments: tapeworms - full and rematode(s)?
 Sex: M/F/? Mature: Y/N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-BPS-124-FAC-T-DV
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - - - -
 Liver sample for P450: Y/N Sample Code: 01- - - - -
 Gill sample for P450: Y/N Sample Code: 01- - - - -
 Spleen sample for P450: Y/N Sample Code: 01- - - - -
 Kidney sample for P450: Y/N Sample Code: 01- - - - -
 Heart sample for P450: Y/N Sample Code: 01- - - - -
 Gonad sample for P450: Y/N Sample Code: 01- - - - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - - - -

Comments: gut tissue taken for p450
* blood may be present in bile

Recorder: Ann Taylor Date: 08/12/01

* end of dissection day 08/12/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/13/01 Latitude: _____
 Time Collected: 13:45 Longitude: _____
 Station Code: N01 Depth (m): _____
 Method of Take: Fyke net / Trawl / Hook & Line Species: _____
 Period of Deployment: _____ Recorder: _____
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 1/1 Dissector: _____
 Start Time: _____ Recorder: _____
 Finish Time: _____ Specimen Code: _____
 Standard Length (mm): _____ Weight (g): _____
 External Abnormalities/Parasites: _____ Comments: _____
 Internal Abnormalities/Parasites: _____ Comments: _____
 Sex: M/F/? NA Mature: Y/N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>Y/N</u>	Sample Code: <u>01-N01-125</u> -FAC - -
Sample for Organics/Trace metals: <u>Y/N</u>	Sample Code: <u>01-N01-125</u> -PHC - W - FB
Liver sample for P450: <u>Y/N</u>	Sample Code: <u>01-</u> - - CYP - -
Gill sample for P450: <u>Y/N</u>	Sample Code: <u>01-</u> - - CYP - -
Spleen sample for P450: <u>Y/N</u>	Sample Code: <u>01-</u> - - CYP - -
Kidney sample for P450: <u>Y/N</u>	Sample Code: <u>01-</u> - - CYP - -
Heart sample for P450: <u>Y/N</u>	Sample Code: <u>01-</u> - - CYP - -
Gonad sample for P450: <u>Y/N</u>	Sample Code: <u>01-</u> - - CYP - -
Muscle tissue sample for P450: <u>Y/N</u>	Sample Code: <u>01-</u> - - CYP - -

Comments: Cone liner Rinstate Blank @ lab Endicott

Recorder: [Signature]

Date: 08/13/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/13/01 Latitude: see log sheet
 Time Collected: 13:40 Longitude: ↓
 Station Code: N25 Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: arctic cod (ACD)
 Period of Deployment: 08/13 42 hr Recorder: FEA
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08/13/01 Dissector: JG GL
 Start Time: 19:40 Recorder: FEA
 Finish Time: 19:47 Specimen Code: ACD
 Standard Length (mm): 146 Weight (g): 20
 External Abnormalities/Parasites: NA Comments: —
 Internal Abnormalities/Parasites: NA Comments: —
 Sex: (M) F1? Mature: Y/N

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: <u>Y/N</u>	Sample Code: <u>01-N25-126-FAC-T-ACD</u>
Sample for Organics/Trace metals: <u>Y/N</u>	Sample Code: 01- - -PHC - -
Liver sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Gill sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Spleen sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Kidney sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Heart sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Gonad sample for P450: <u>Y/N</u>	Sample Code: 01- - -CYP - -
Muscle tissue sample for P450: <u>Y/N</u>	Sample Code: 01- ↓ - ↓ -CYP - ↓ - ↓

Comments: gut tissue taken for P450

Recorder: [Signature] Date: 08/13/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/13/01 Latitude: see station log
 Time Collected: 13:40 Longitude: _____
 Station Code: NZS Depth (m): ↓
 Method of Take: Fyke net / Trawl / Hook & Line Species: Arctic cod, (ACD)
 Period of Deployment: 1/2 hr Recorder: Ja
 Alive when Caught: Y N
 Comments: _____

Dissection

Date: 08/13/01 Dissector: JG, GL
 Start Time: 19:48 Recorder: Ja
 Finish Time: 19:55 Specimen Code: _____ ACD
 Standard Length (mm): 195 Weight (g): 50
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M F I ? Mature: Y N ?

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N Sample Code: 01-NZS-127-FAC-T-ACD
 Sample for Organics/Trace metals: Y N Sample Code: 01- | - | - PHC - | -
 Liver sample for P450: Y N Sample Code: 01- | - | - CYP - | -
 Gill sample for P450: Y N Sample Code: 01- | - | - CYP - | -
 Spleen sample for P450: Y N Sample Code: 01- | - | - CYP - | -
 Kidney sample for P450: Y N Sample Code: 01- | - | - CYP - | -
 Heart sample for P450: Y N Sample Code: 01- | - | - CYP - | -
 Gonad sample for P450: Y N Sample Code: 01- | - | - CYP - | -
 Muscle tissue sample for P450: Y N Sample Code: 01- | - | - CYP - | -

Comments: gut tissue taken for P450
Liver is green
gonad yellow ~~black~~ ~~green~~

Recorder: A. Quyle Date: 08/13/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/13/01 Latitude: See station log
 Time Collected: 13:40 Longitude: _____
 Station Code: N25 Depth (m): _____
 Method of Take: Fyke net / Trawl / Hook & Line Species: arctic cod (ACD)
 Period of Deployment: 12 W Recorder: Fur
 Alive when Caught: (Y) N
 Comments: _____

Dissection

Date: 08/13/01 Dissector: JG GL
 Start Time: 14:55 Recorder: Fur
 Finish Time: 20:00 Specimen Code: ACD
 Standard Length (mm): 147 Weight (g): 23
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: (M) (F) (?) Mature: (Y) (N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y) (N) Sample Code: 01-N25-128-FAC-T-ACD
 Sample for Organics/Trace metals: (Y) (N) Sample Code: 01- - - PHC - -
 Liver sample for P450: (Y) (N) Sample Code: 01- - - CYP - -
 Gill sample for P450: (Y) (N) Sample Code: 01- - - CYP - -
 Spleen sample for P450: (Y) (N) Sample Code: 01- - - CYP - -
 Kidney sample for P450: (Y) (N) Sample Code: 01- - - CYP - -
 Heart sample for P450: (Y) (N) Sample Code: 01- - - CYP - -
 Gonad sample for P450: (Y) (N) Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: (Y) (N) Sample Code: 01- - - CYP - -

Comments: P450 sample taken of gut tissue

Recorder: [Signature] Date: 08/13/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/13/01 Latitude: See station log
 Time Collected: 13:40 Longitude: ↓
 Station Code: N25 Depth (m): ↓
 Method of Take: Fyke net / (Trawl) / Hook & Line Species: Arctic cod (ACD)
 Period of Deployment: 1/2 hr Recorder: FAR
 Alive when Caught: (Y) N
 Comments: _____

Dissection

Date: 08/13/01 Dissector: JG GL
 Start Time: 20:00 Recorder: FAR
 Finish Time: 20:04 Specimen Code: ACD
 Standard Length (mm): 161 Weight (g): 28
 External Abnormalities/Parasites: NA Comments: —
 Internal Abnormalities/Parasites: NA Comments: —
 Sex: (M) F (C) Mature: Y (N)

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: (Y) N Sample Code: 01-N25-129-FAC-T-ACD
 Sample for Organics/Trace metals: (Y) N Sample Code: 01- - - PHC - -
 Liver sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Gill sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Spleen sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Kidney sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Heart sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Gonad sample for P450: (Y) N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: (Y) N Sample Code: 01- - - CYP - -

Comments: gut fix sure taken for P450
gonad " pyloric caeca

Recorder: J. Douglas Date: 08/13/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/13/01 Latitude: see station log
 Time Collected: 13:40 Longitude: _____
 Station Code: N25 Depth (m): _____
 Method of Take: Fyke net / Trawl / Hook & Line Species: arctic cod. (Aco)
 Period of Deployment: 08/13 1/2 hr Recorder: Fer
 Alive when Caught: Y N
 Comments: _____

Dissection

Date: 08/13/01 Dissector: JG/BL
 Start Time: 20:07 Recorder: Fer
 Finish Time: 20:12 Specimen Code: Aco
 Standard Length (mm): 135 Weight (g): 20
 External Abnormalities/Parasites: NA Comments: _____
 Internal Abnormalities/Parasites: NA Comments: _____
 Sex: M/F Mature: Y N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N Sample Code: 01-N25-130-FAC-T-Aco
 Sample for Organics/Trace metals: Y N Sample Code: 01- - - PHC - -
 Liver sample for P450: Y N Sample Code: 01- - - CYP - -
 Gill sample for P450: Y N Sample Code: 01- - - CYP - -
 Spleen sample for P450: Y N Sample Code: 01- - - CYP - -
 Kidney sample for P450: Y N Sample Code: 01- - - CYP - -
 Heart sample for P450: Y N Sample Code: 01- - - CYP - -
 Gonad sample for P450: Y N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: Y N Sample Code: 01- - - CYP - -

Comments: gut for see taken for P450

Recorder: Kenn Douglas Date: 08/13/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08/13/01
 Time Collected: 13:40
 Station Code: N25
 Method of Take: Fyke net / Trawl / Hook & Line
 Period of Deployment: 1/2 hr
 Alive when Caught: Y N
 Comments: _____

Latitude: See station log
 Longitude: _____
 Depth (m): _____
 Species: arctic cod (ACD)
 Recorder: FW

Dissection

Date: 08/13/01
 Start Time: 20:12
 Finish Time: 20:20
 Standard Length (mm): 146

Dissector: JG GL
 Recorder: FW
 Specimen Code: _____
 Weight (g): 71 ACD

External Abnormalities/Parasites: NA

Comments: _____

Internal Abnormalities/Parasites: NA

Comments: _____

Sex: M F I B

Mature: Y N

Samples

(Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y N
 Sample for Organics/Trace metals: Y N
 Liver sample for P450: Y N
 Gill sample for P450: Y N
 Spleen sample for P450: Y N
 Kidney sample for P450: Y N
 Heart sample for P450: Y N
 Gonad sample for P450: Y N
 Muscle tissue sample for P450: Y N

Sample Code: 01-N25-131-FAC-T-ACD

Sample Code:	01-	-	-	PHC	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-
Sample Code:	01-	-	-	CYP	-	-	-
Sample Code:	01-	↓	↓	CYP	↓	↓	↓

Comments: gut tissue taken for P450

Recorder: Anna Dwyer

Date: 08/13/01

Fish Collection/Dissection Data Sheet

Collection

Date Collected: 08,13,01 Latitude: See station log
 Time Collected: 13:40 Longitude: _____
 Station Code: N25 Depth (m): _____
 Method of Take: Fyke net / Trawl / Hook & Line Species: arctic cod (AO)
 Period of Deployment: 1/2 hr Recorder: FAC
 Alive when Caught: Y/N
 Comments: _____

Dissection

Date: 08,13,01 Dissector: JG
 Start Time: 20:20 Recorder: FAC
 Finish Time: 20:31 Specimen Code: AO
 Standard Length (mm): NA Weight (g): NA
 External Abnormalities/Parasites: — Comments: —
 Internal Abnormalities/Parasites: ✓ Comments: —
 Sex: M/F/? (NA) Mature: Y/N (NA)

Samples (Year - Site - Rep # - Analysis - Matrix - Sp. Code)

Bile/Gall for FAC: Y/N Sample Code: 01-N25-132-FAC-T-AO
 Sample for Organics/Trace metals: Y/N Sample Code: 01- - - PHC - -
 Liver sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gill sample for P450: Y/N Sample Code: 01- - - CYP - -
 Spleen sample for P450: Y/N Sample Code: 01- - - CYP - -
 Kidney sample for P450: Y/N Sample Code: 01- - - CYP - -
 Heart sample for P450: Y/N Sample Code: 01- - - CYP - -
 Gonad sample for P450: Y/N Sample Code: 01- - - CYP - -
 Muscle tissue sample for P450: Y/N Sample Code: 01- - - CYP - -

Comments: * Composites See attached sheet
whole fish samples composited

Recorder: [Signature] Date: 08,13,01

FDC1

(whole fish)
arctic cod

01-N25-132-PHC-T-ACD

composite
organics

Fish Tissue Composite Sample Data Sheet

Tissue composite #: 1
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 81 mm
3.0g

(1)

Tissue composite #: 2
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 74 mm
1.5 g

Tissue composite #: 3
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 80 mm
2.0 g

Tissue composite #: 4
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: ~~whole~~ whole
Sample code #'s of fish
used in this composite: /

Comments: 106 mm
7.0g

(2)

Tissue composite #: 5
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 82 mm
3.0 g

Tissue composite #: 6
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 80 mm
3.0 g

FDX 2

(whole fish)
Arctic cod.

01-N25-132-PHC-T-ACD

Fish Tissue Composite Sample Data Sheet

composite
organics

Tissue composite #: 7
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 72 mm
1.5 g

Tissue composite #: 8
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 77 mm
1.5 g

Tissue composite #: 9
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 86 mm
3.0 g

Tissue composite #: 10
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 84 mm
3.5 g

Tissue composite #: 11
Date: 08/13/01
Zone: N25
Species: ACD
Tissue: whole
Sample code #'s of fish
used in this composite: /

Comments: 80 mm
3.0 g

~~Tissue composite #: _____
Date: _____
Zone: _____
Species: _____
Tissue: _____
Sample code #'s of fish
used in this composite: _____~~

~~Comments: _____

_____~~