

WORKSHOP 5

Cogito team

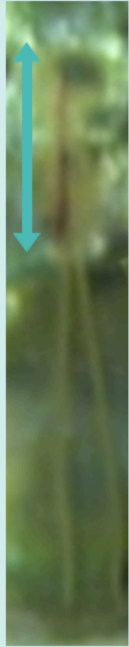
Carolien Heleen Strating-Gullaksen - HQA Norway
Head Lice department



AGENDA

- ❖ Adult female
- ❖ Scottish adult female
- ❖ Moving





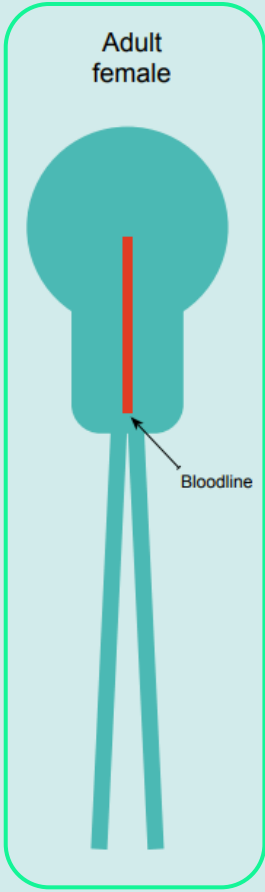
Moving



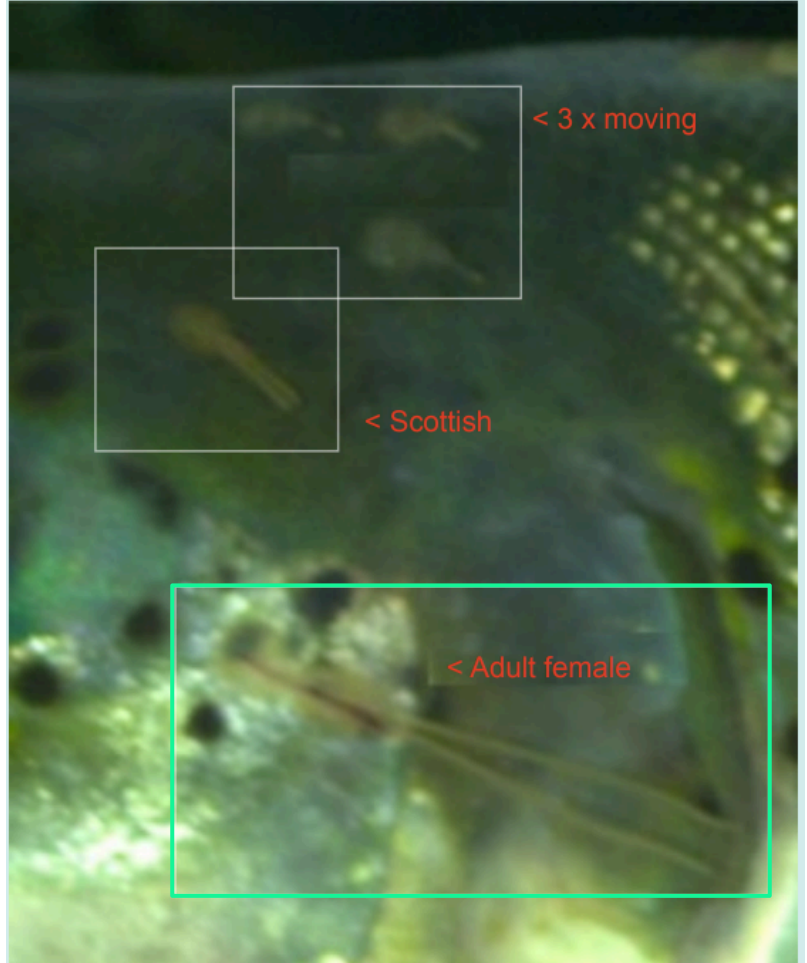
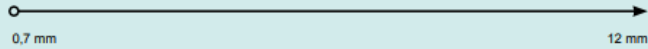
Scottish female



Adult female



Bloodline





- W Toggle Draw Mode
- Q Toggle H.U.I.
- R Reset Zoom
- D Toggle Annotations
- E Free Camera
- + Increase Brightness (0)
- Decrease Brightness
- P Increase Contrast (0)
- O Decrease Contrast
- V Enhance Image
- C Shave Image
- F Toggle Full Screen



This fish is 16 times bigger BUT the adult female lice is the same size as the previous lice

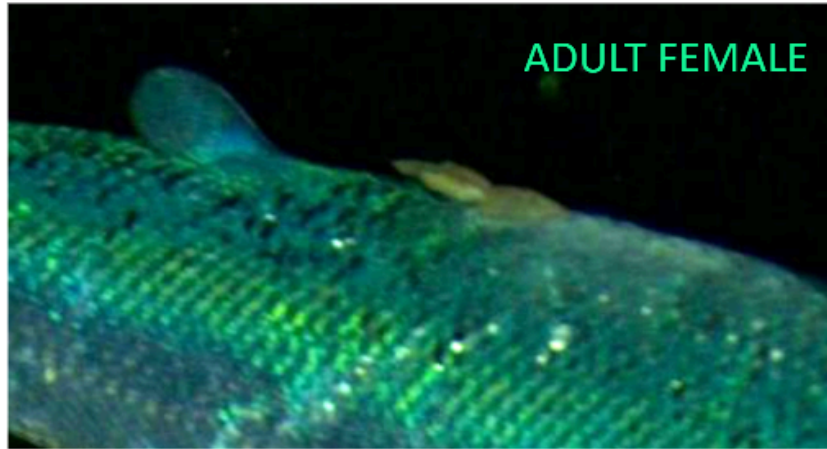
5600 g fish with Adult female



Egg strings



ADULT FEMALE



ADULT FEMALE

Adult Female

- ❖ Two segments
- ❖ Round head
- ❖ U-shaped second segment → can look round
- ❖ Much bigger than any other lice



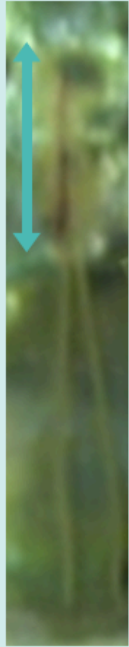
Flowy

QUESTIONS?

With questions Go to:

- ❖ Ajay
- ❖ Carolien





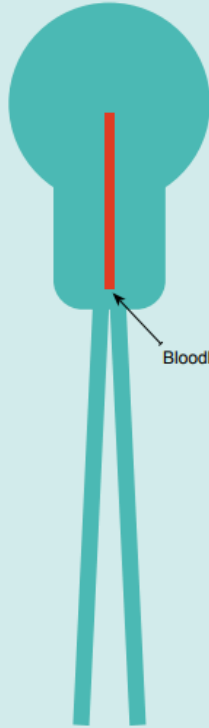
Moving



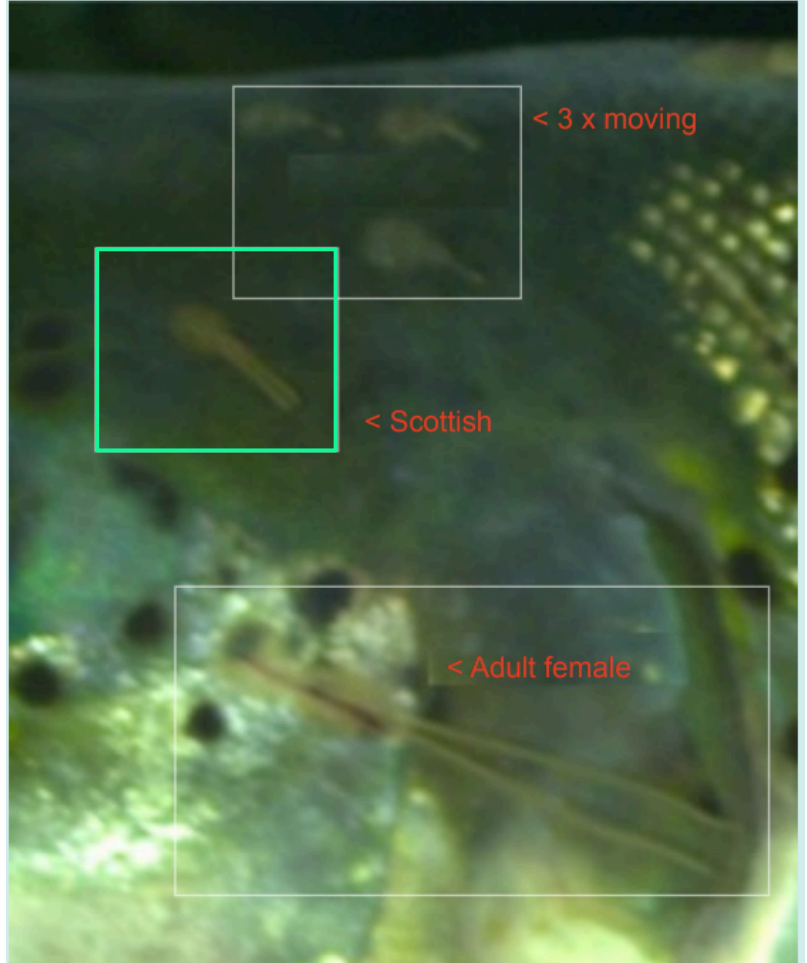
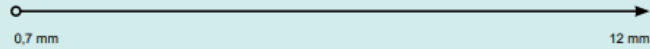
Scottish female

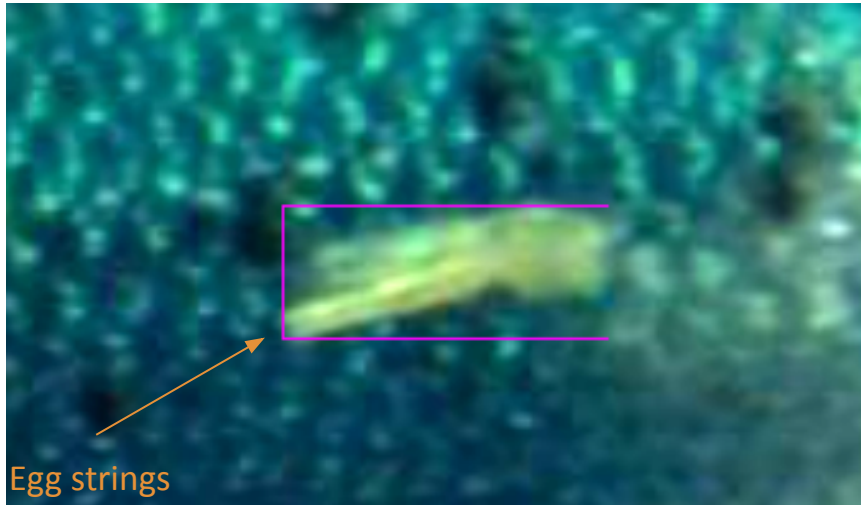


Adult female

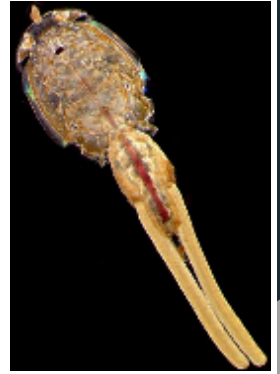


Bloodline





Egg strings



Scottish Adult Female

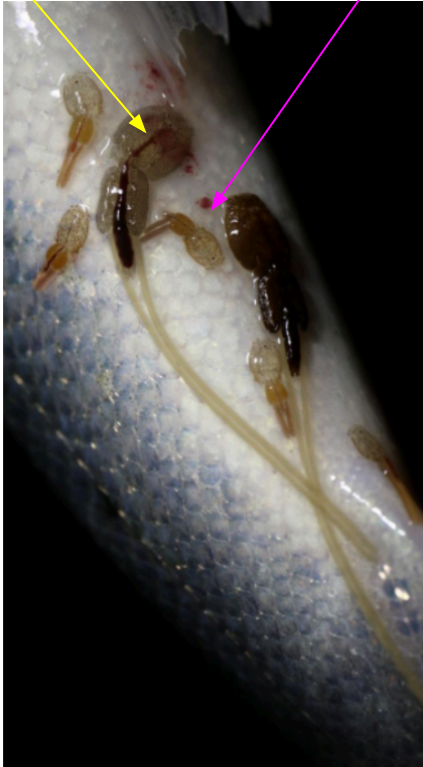
- ❖ Stiffness
- ❖ Not very visible second segment
- ❖ Oval head
- ❖ Smaller than Adult Female



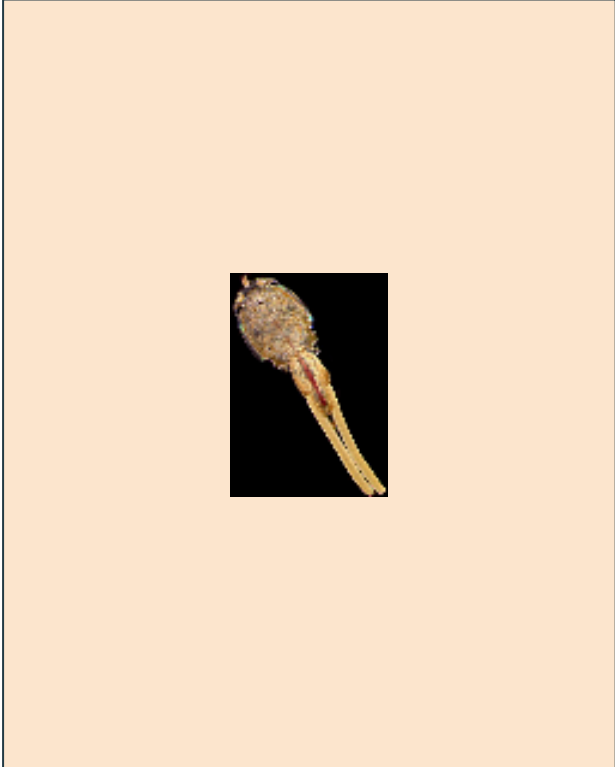
Adult Female

Scottish Adult Female

Salmon lice



Scottish lice

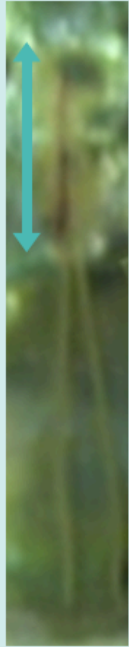


QUESTIONS?

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- ❖ Carolien





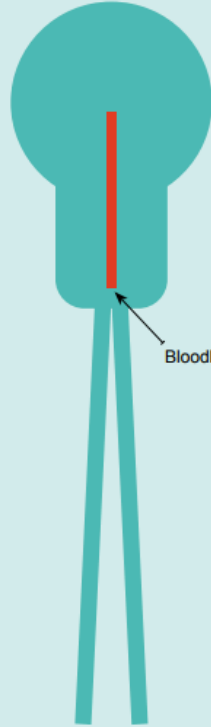
Moving



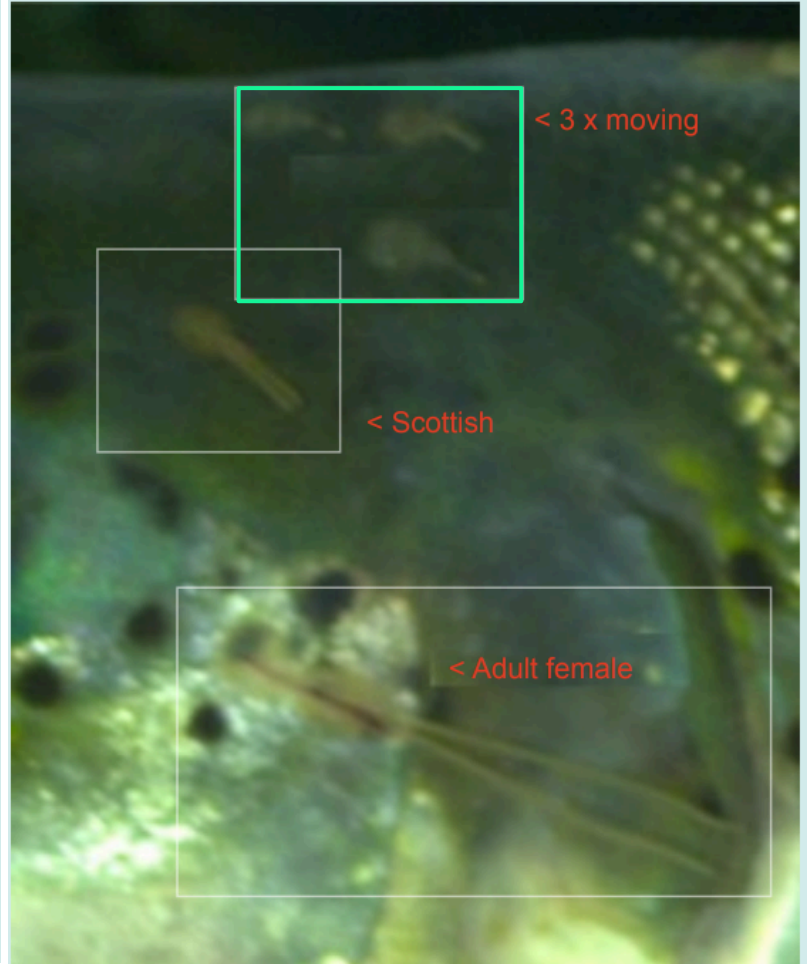
Scottish female



Adult female



Bloodline



MOVING

Round head



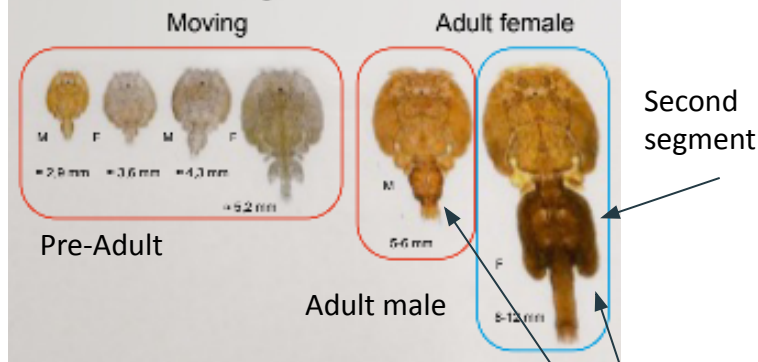
Tail



Moving

- ❖ One segment
- ❖ Round head
- ❖ Smaller than Adult Female

Salmon lice categorization

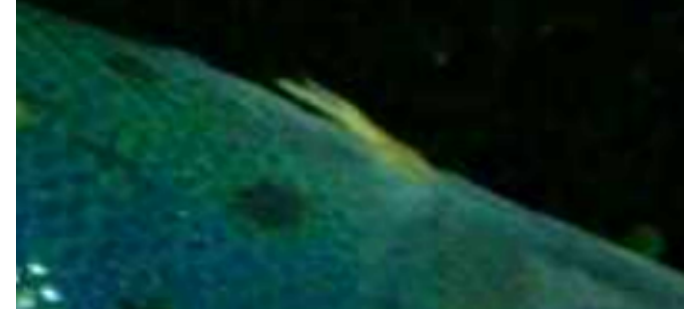


SO Moving=Adult male + Pre Adult

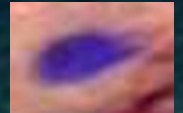
The adult males head can be bigger than Scottish female head. A lice bigger than Scottish female can be a big adult male.

Look at the second segment OR tail

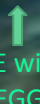
SCOTTISH ADULT FEMALE with LONG EGG STRINGS



MOVING



SCOTTISH ADULT FEMALE with SHORT EGG STRINGS



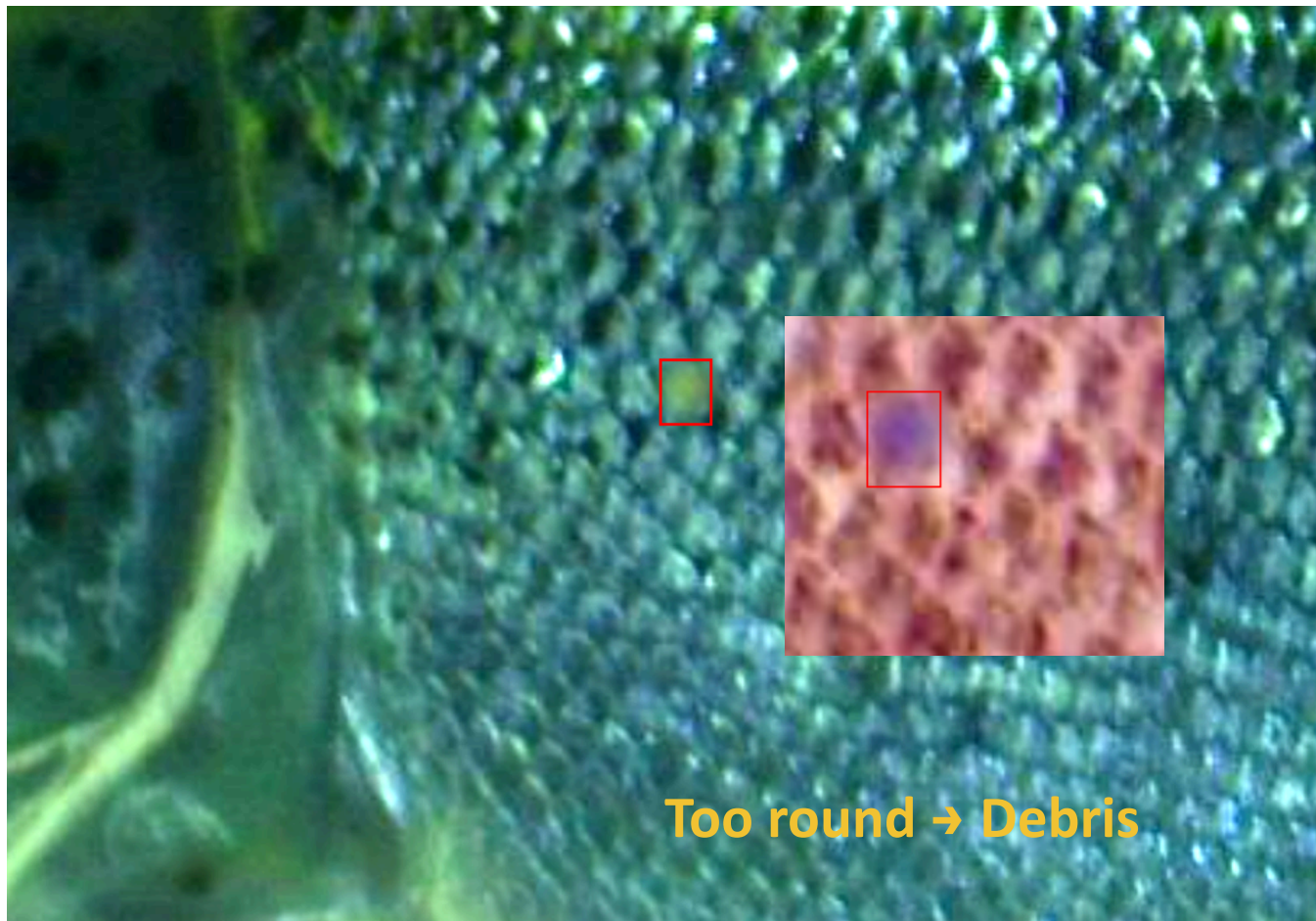
QUESTIONS?

With questions Go to:

- ❖ Ajay
- ❖ Carolien



Re-QA



Too round → Debris

QUESTIONS?

With questions Go to:

- ❖ Ajay
- ❖ Carolien

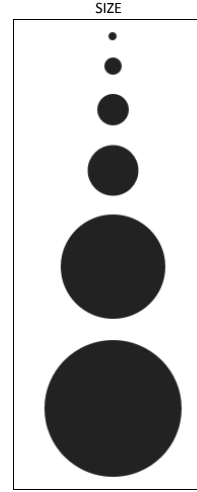


Thank you for your time

SUMMARY

Pay attention to:

- ❖ **Size** of lice
- ❖ **Shape/Outline** of lice
- ❖ Debris



SHAPE



SQUARE



CIRCLE



TRIANGLE



OVAL



RECTANGLE



HEART