

Cedar River Hatchery Mark Characteristic Report (Brood Year 2016)



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May 2017

- Agency: Seattle Public Utilities
- Facility: Cedar River Hatchery
- Brood Year: 2016
- Species: Sockeye
- Thermal Mark Characteristics:

[illegible][illegible][illegible][illegible]

Sockeye
SPU 2016
Cedar River
Inc: K1
Mark: H3n,2n-3
Ring Width: 2.5um,
2.4um, 3.9um

11.6um
4.8um
7.5um

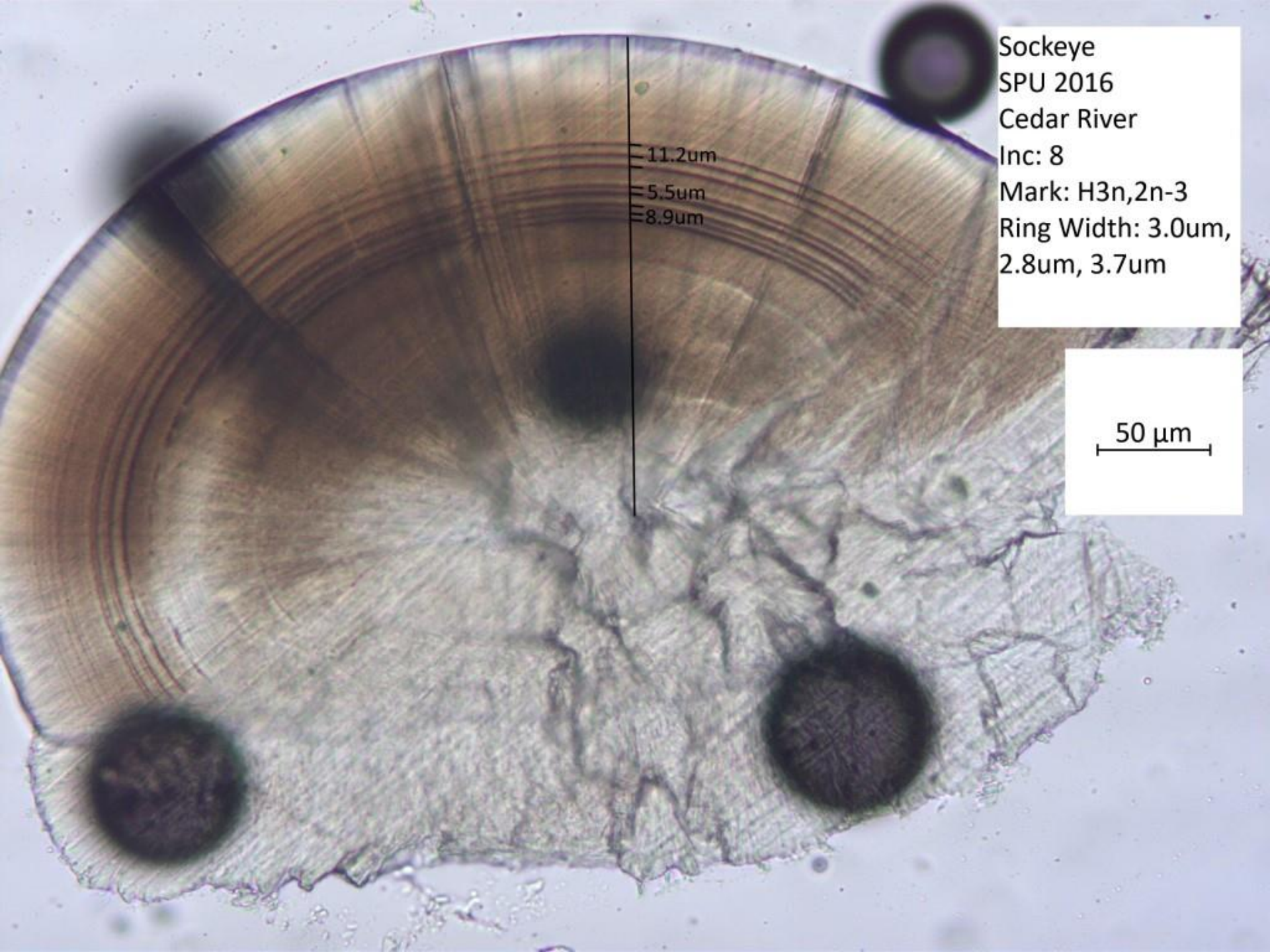
50 μ m



11.0um
4.3um
8.2um

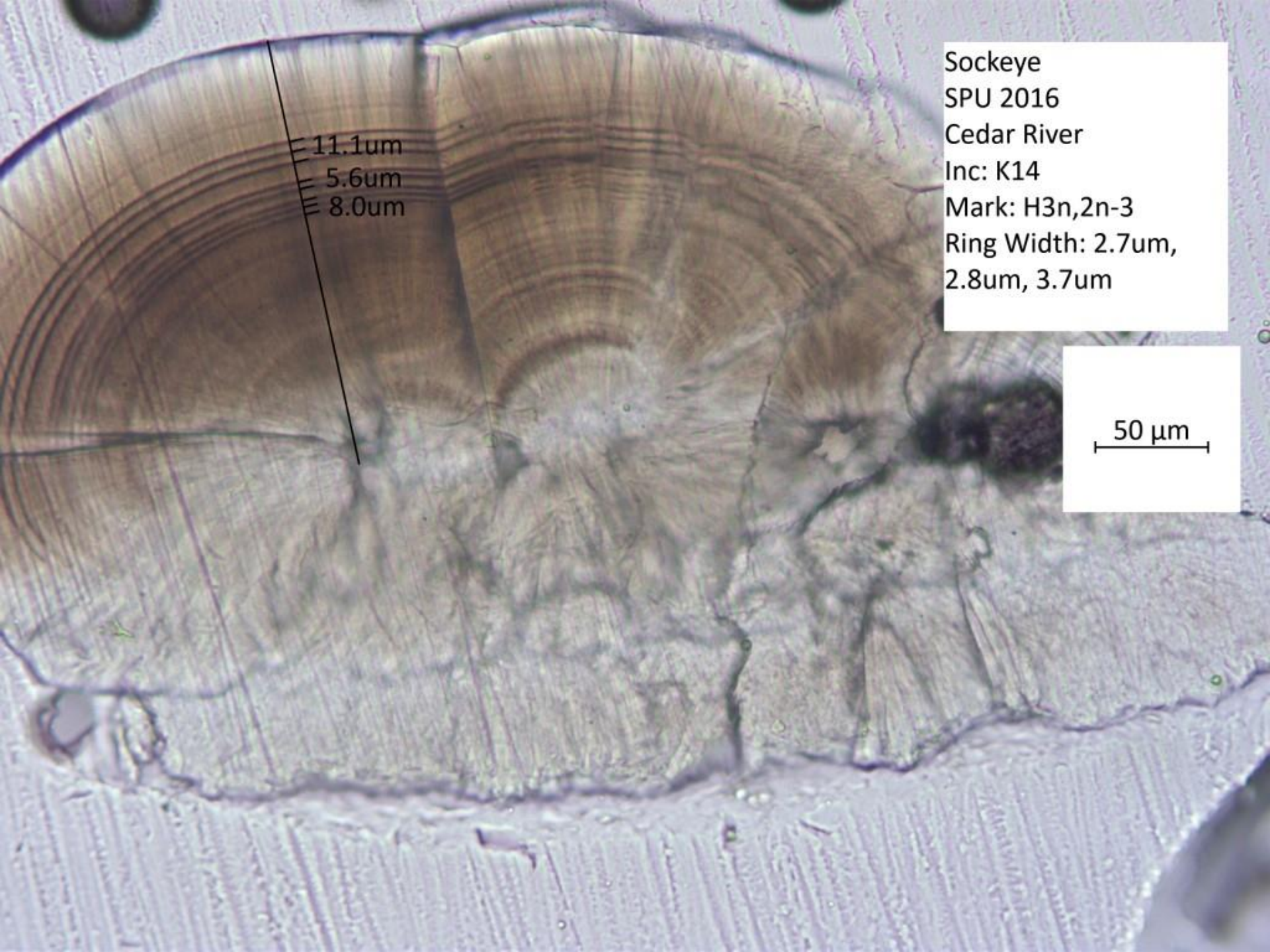
Sockeye
SPU 2016
Cedar River
Inc: K2
Mark: H3n,2n-3
Ring Width:
2.7um, 2.2um,
3.7um

50 μ m



Sockeye
SPU 2016
Cedar River
Inc: 8
Mark: H3n,2n-3
Ring Width: 3.0um,
2.8um, 3.7um

50 μm



11.1um
5.6um
8.0um

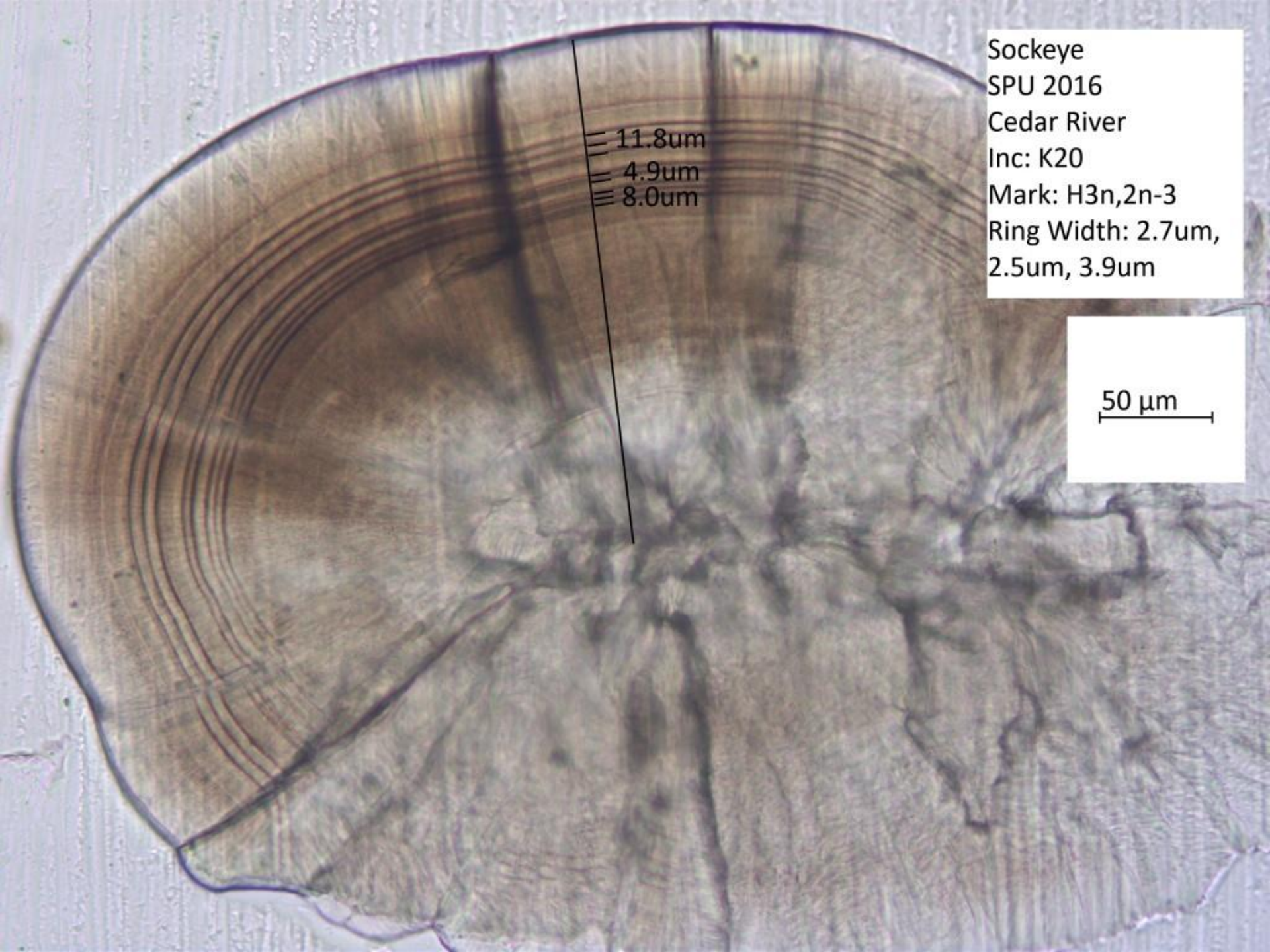
Sockeye
SPU 2016
Cedar River
Inc: K14
Mark: H3n,2n-3
Ring Width: 2.7um,
2.8um, 3.7um

50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K19
Mark: H3n,2n-3
Ring Width: 2.9um,
2.8um, 3.3um

9.9um
5.5um
8.8um

50 μ m



Sockeye
SPU 2016
Cedar River
Inc: K20
Mark: H3n,2n-3
Ring Width: 2.7um,
2.5um, 3.9um

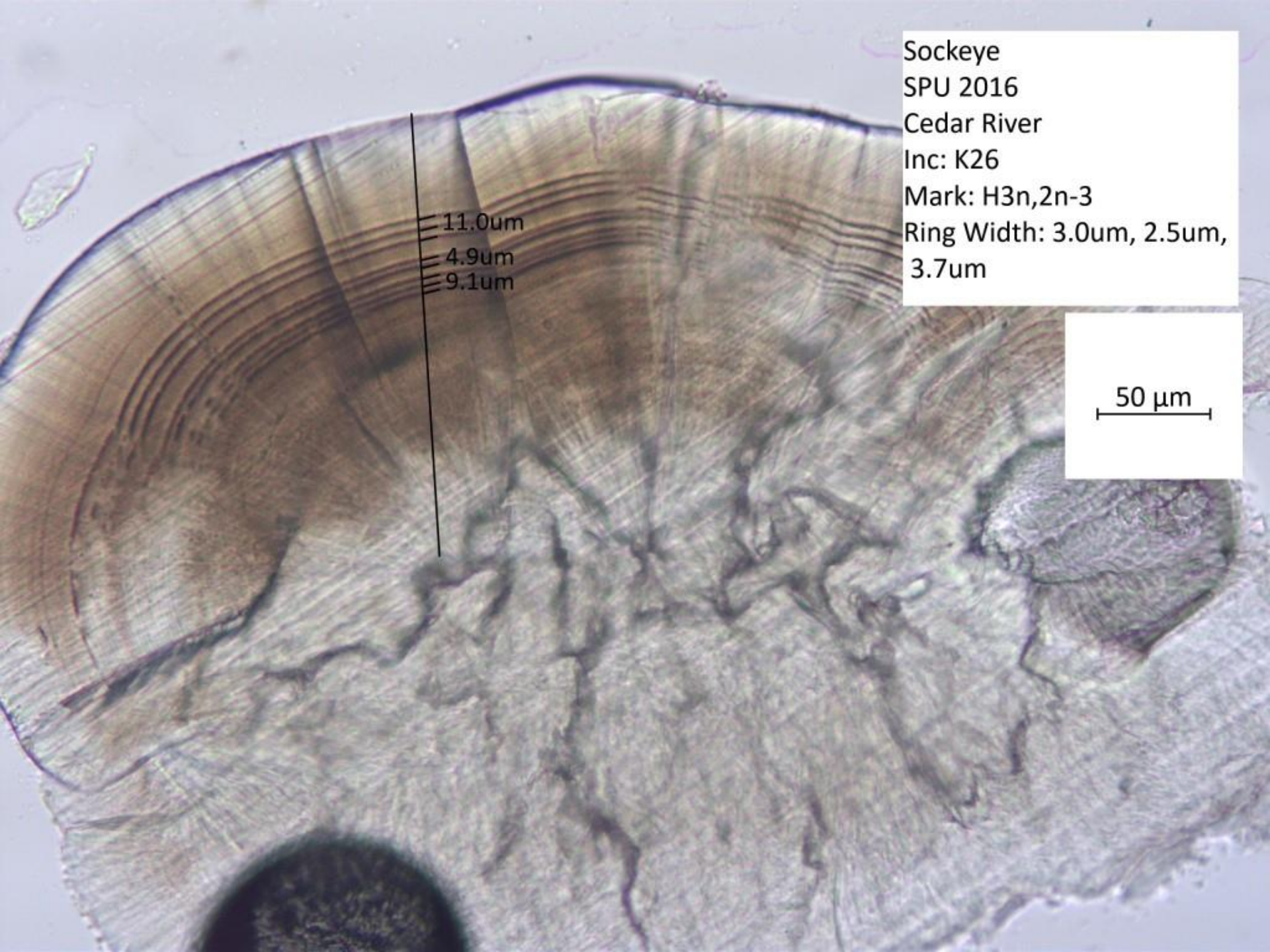
11.8um
4.9um
8.0um

50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K26
Mark: H3n,2n-3
Ring Width: 3.0um, 2.5um,
3.7um

11.0um
4.9um
9.1um

50 μm



Sockeye
SPU 2016
Cedar River
Inc: K31
Mark: H3n,2n-3
Ring Width: 3.0um, 2.9um,
4.3um

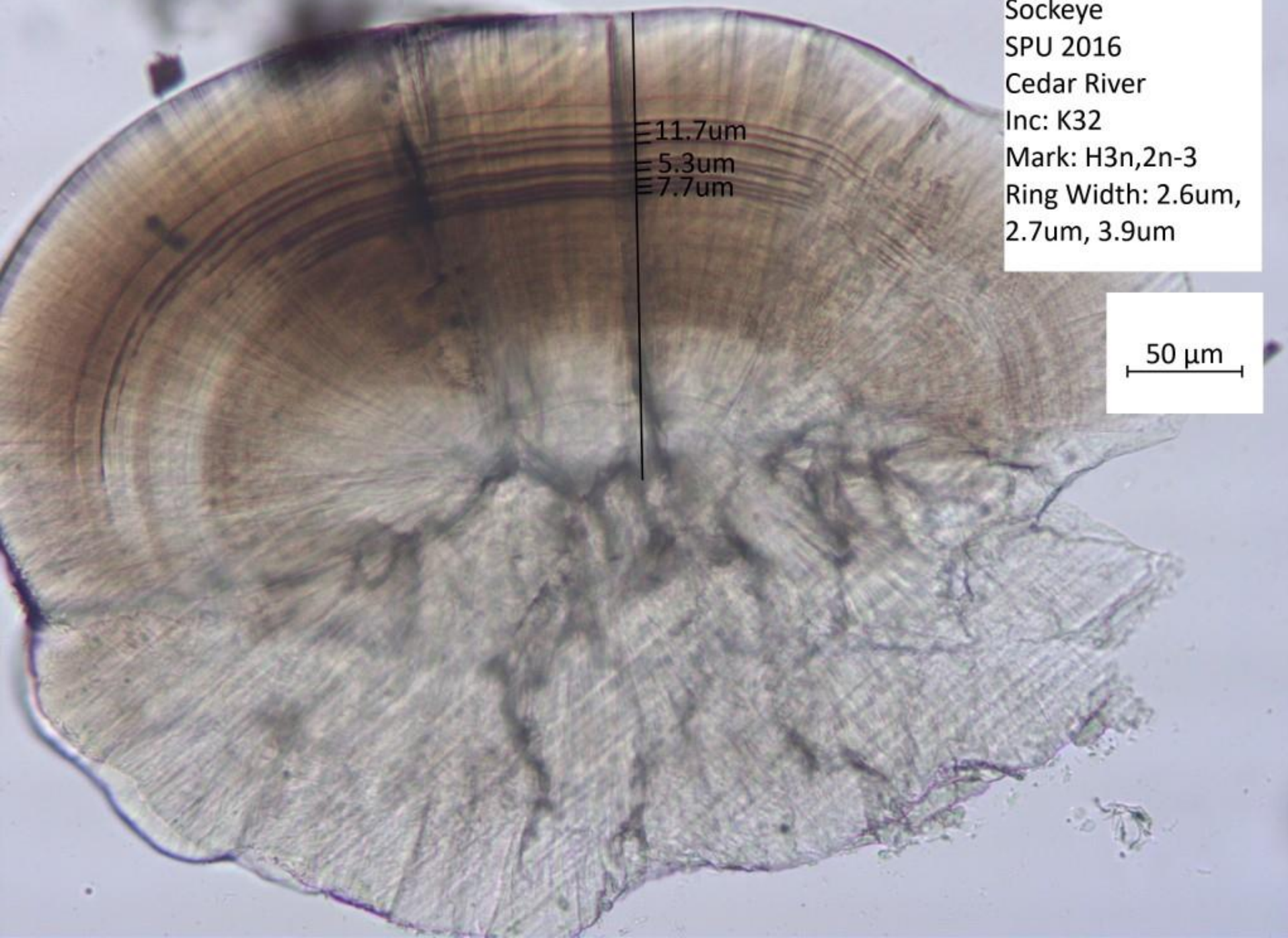
12.9um
5.7um
8.9um

50 μm

Sockeye
SPU 2016
Cedar River
Inc: K32
Mark: H3n,2n-3
Ring Width: 2.6um,
2.7um, 3.9um

11.7um
5.3um
7.7um

50 μ m



Sockeye
SPU 2016
Cedar River
Inc: K37
Mark: H4-4n
Ring Width: 4.6um,
2.9um

11.6um

18.4um

50 μ m

Sockeye

SPU 2016

Cedar River

Inc: K38

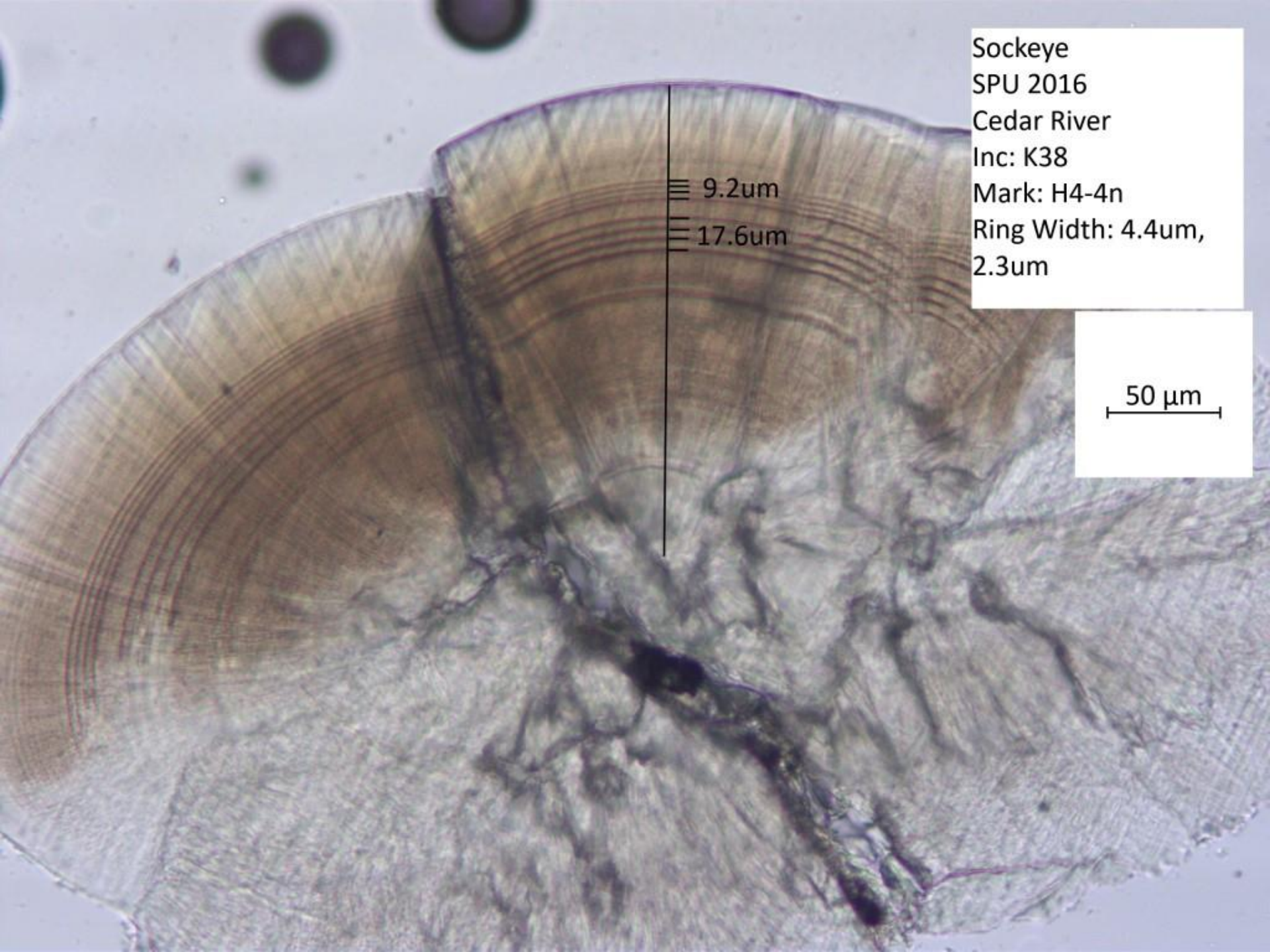
Mark: H4-4n

Ring Width: 4.4um,
2.3um

9.2um

17.6um

50 μ m

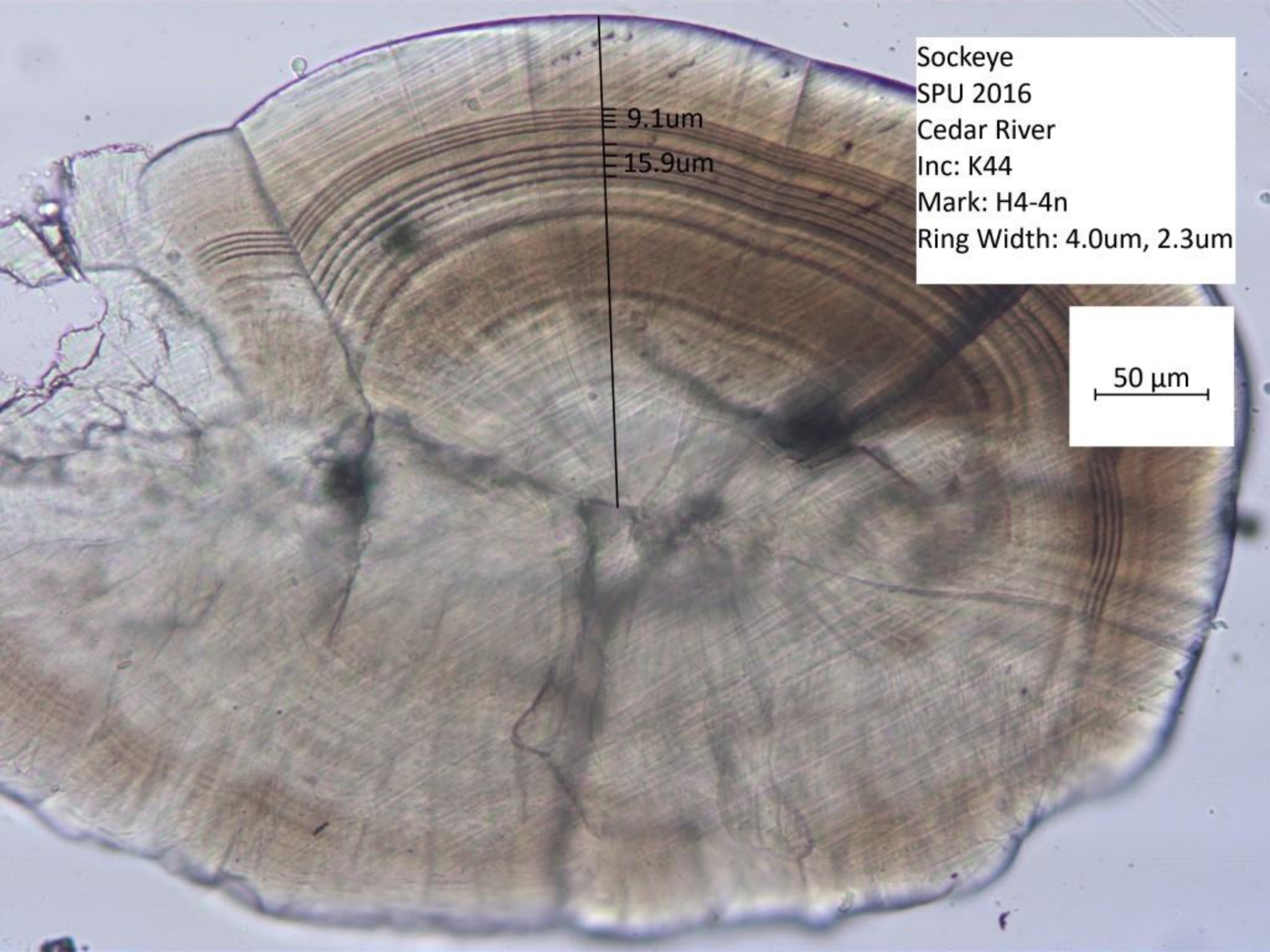


Sockeye
SPU 2016
Cedar River
Inc: K43
Mark: H4-4n
Ring Width: 4.1um, 2.5um

10.0um
16.5um

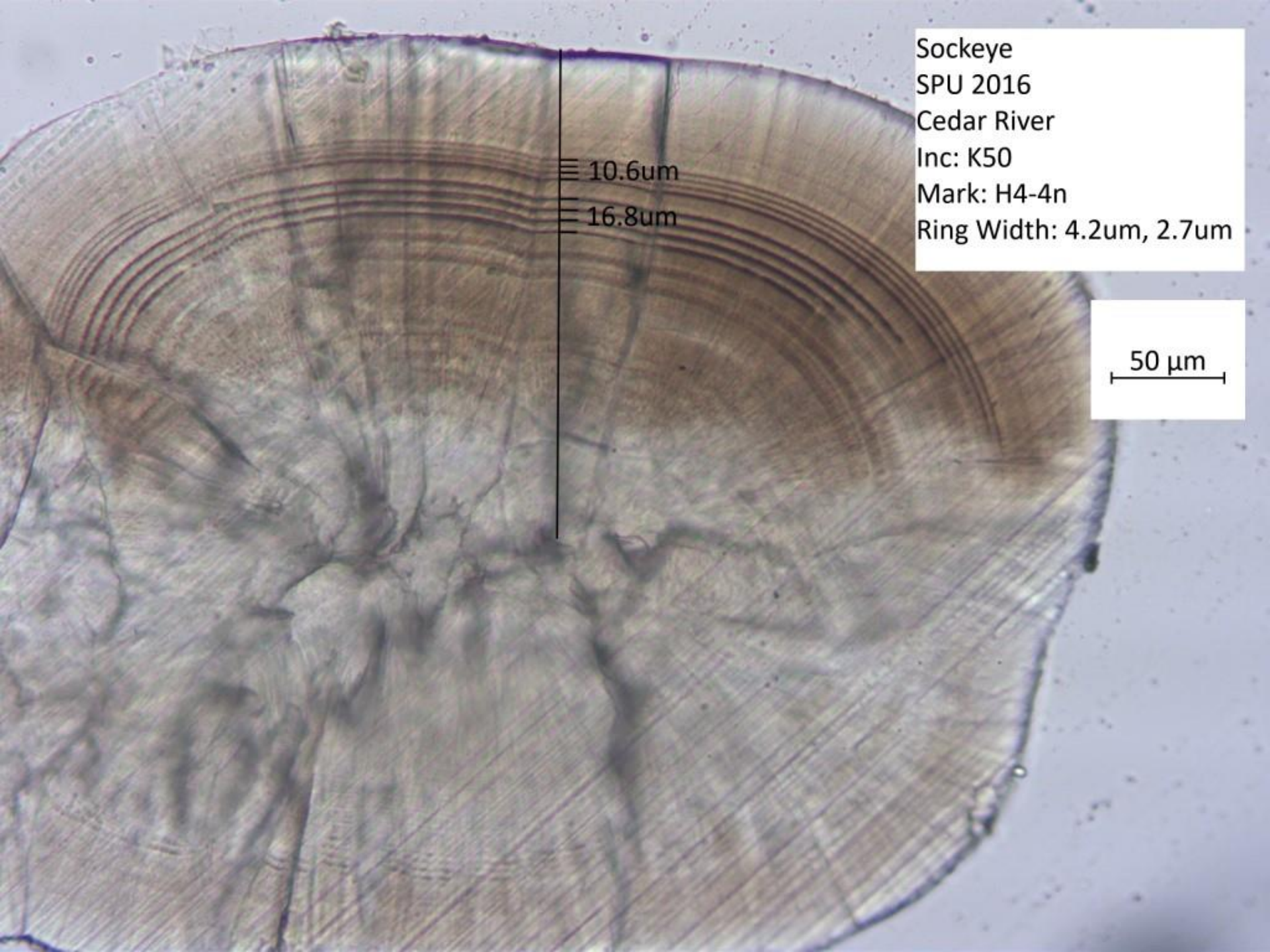
50 μ m





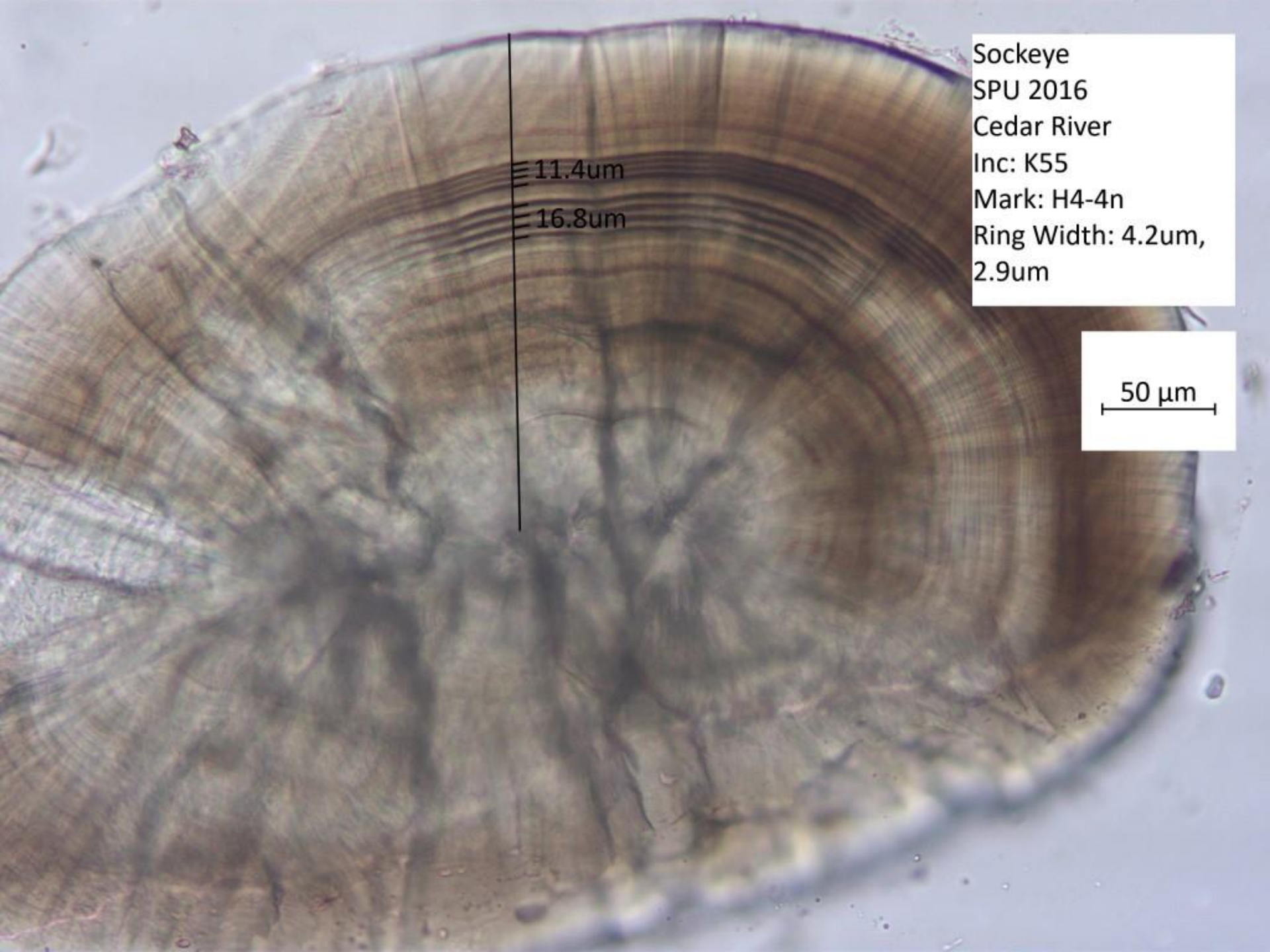
Sockeye
SPU 2016
Cedar River
Inc: K44
Mark: H4-4n
Ring Width: 4.0um, 2.3um

50 μ m



Sockeye
SPU 2016
Cedar River
Inc: K50
Mark: H4-4n
Ring Width: 4.2um, 2.7um

50 μ m



A micrograph of a wood cross-section showing concentric growth rings. A vertical line is drawn across the upper portion of the image, with horizontal tick marks indicating specific ring widths. The wood has a light tan color with darker brown ring boundaries. The image is partially obscured by a white text box in the top right and a scale bar in the bottom right.

Sockeye
SPU 2016
Cedar River
Inc: K55
Mark: H4-4n
Ring Width: 4.2um,
2.9um

11.4um

16.8um

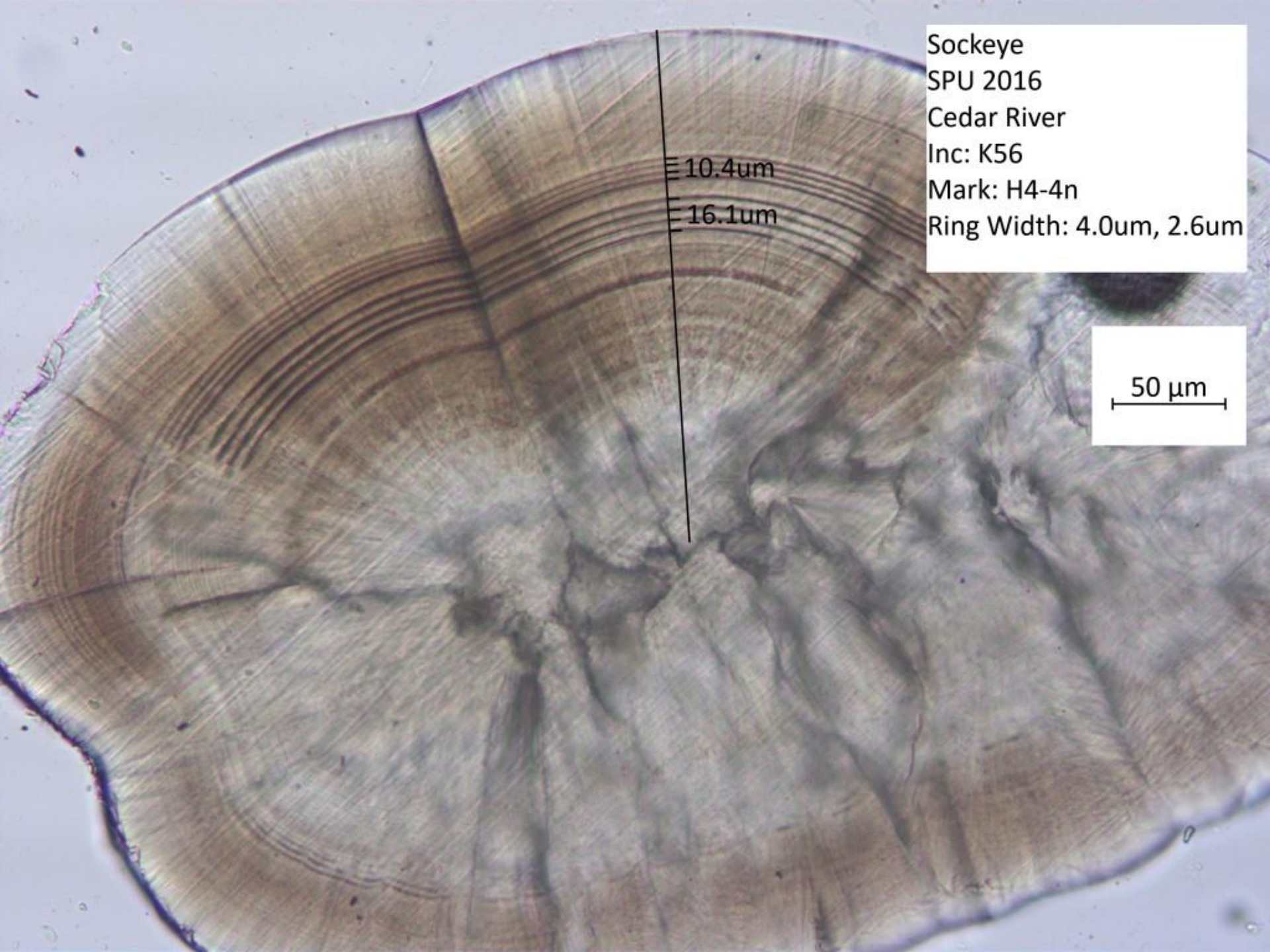
50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K56
Mark: H4-4n
Ring Width: 4.0um, 2.6um

10.4um

16.1um

50 μ m

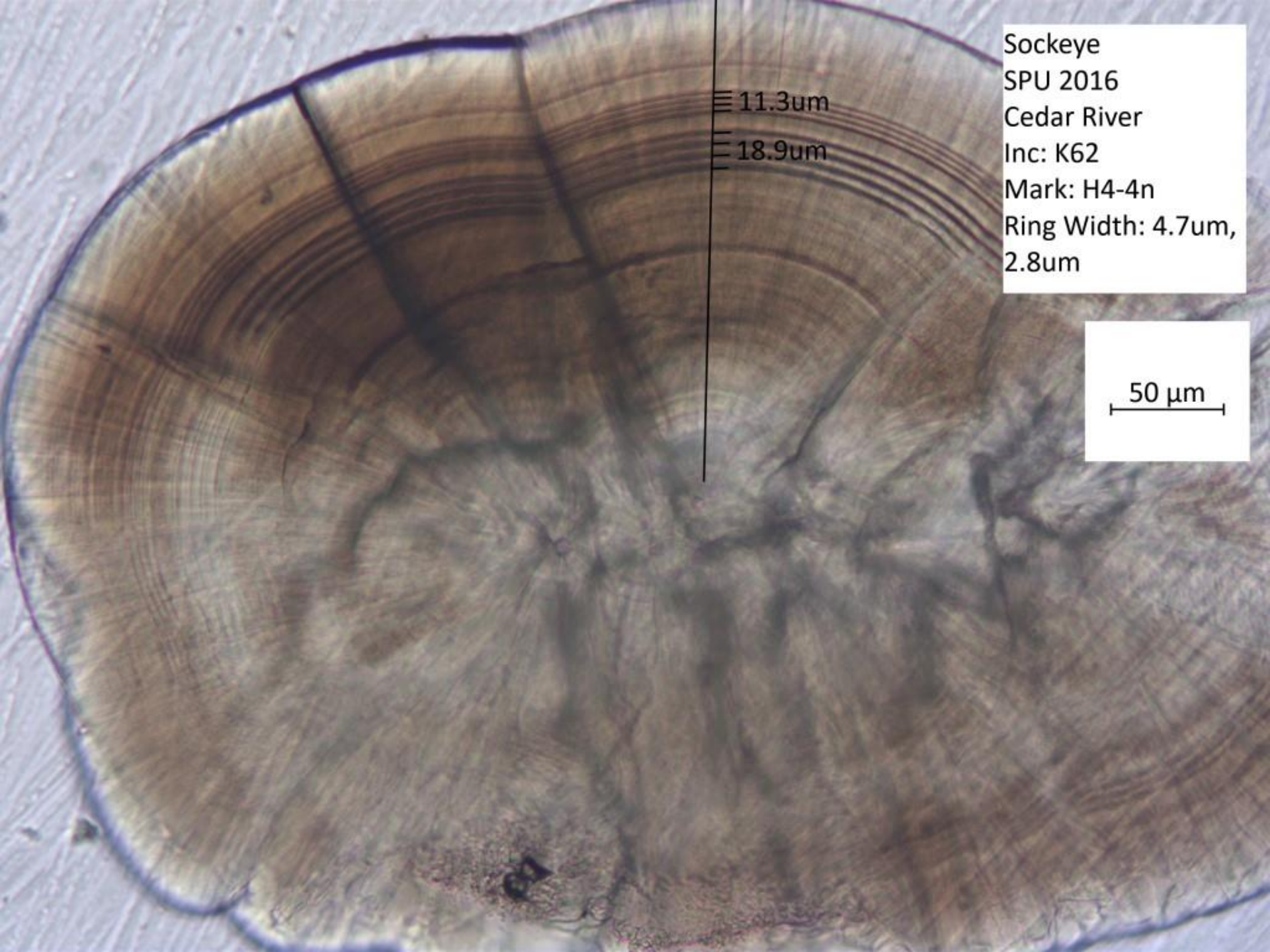


Sockeye
SPU 2016
Cedar River
Inc: K61
Mark: H4-4n
Ring Width: 4.6um,
2.6um

10.5um

18.5um

50 μ m



Sockeye
SPU 2016
Cedar River
Inc: K62
Mark: H4-4n
Ring Width: 4.7um,
2.8um

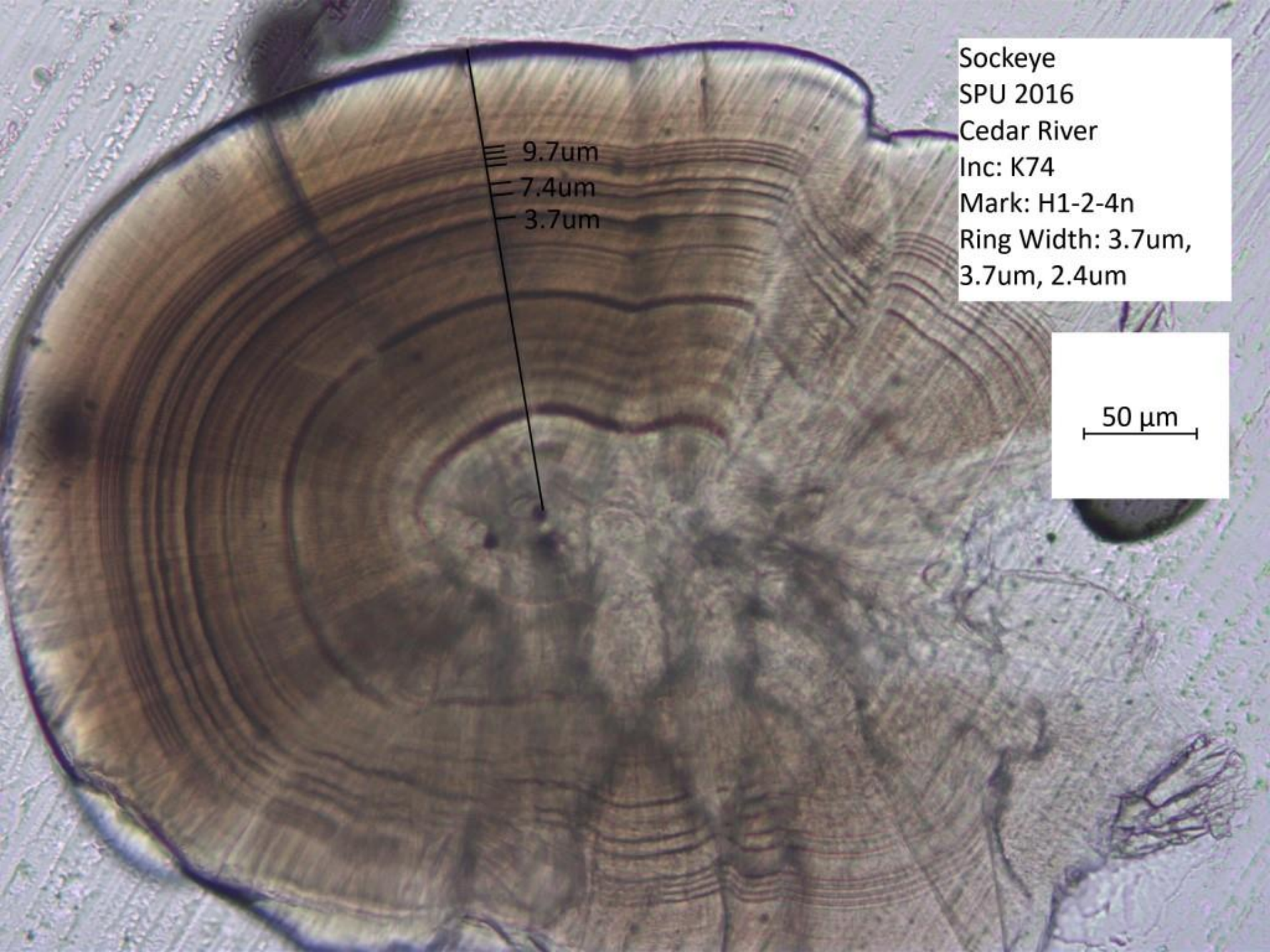
11.3um
18.9um

50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K68
Mark: H4-4n
Ring Width: 4.6um,
2.9um

11.4um
18.3um

50 μ m



Sockeye
SPU 2016
Cedar River
Inc: K74
Mark: H1-2-4n
Ring Width: 3.7um,
3.7um, 2.4um

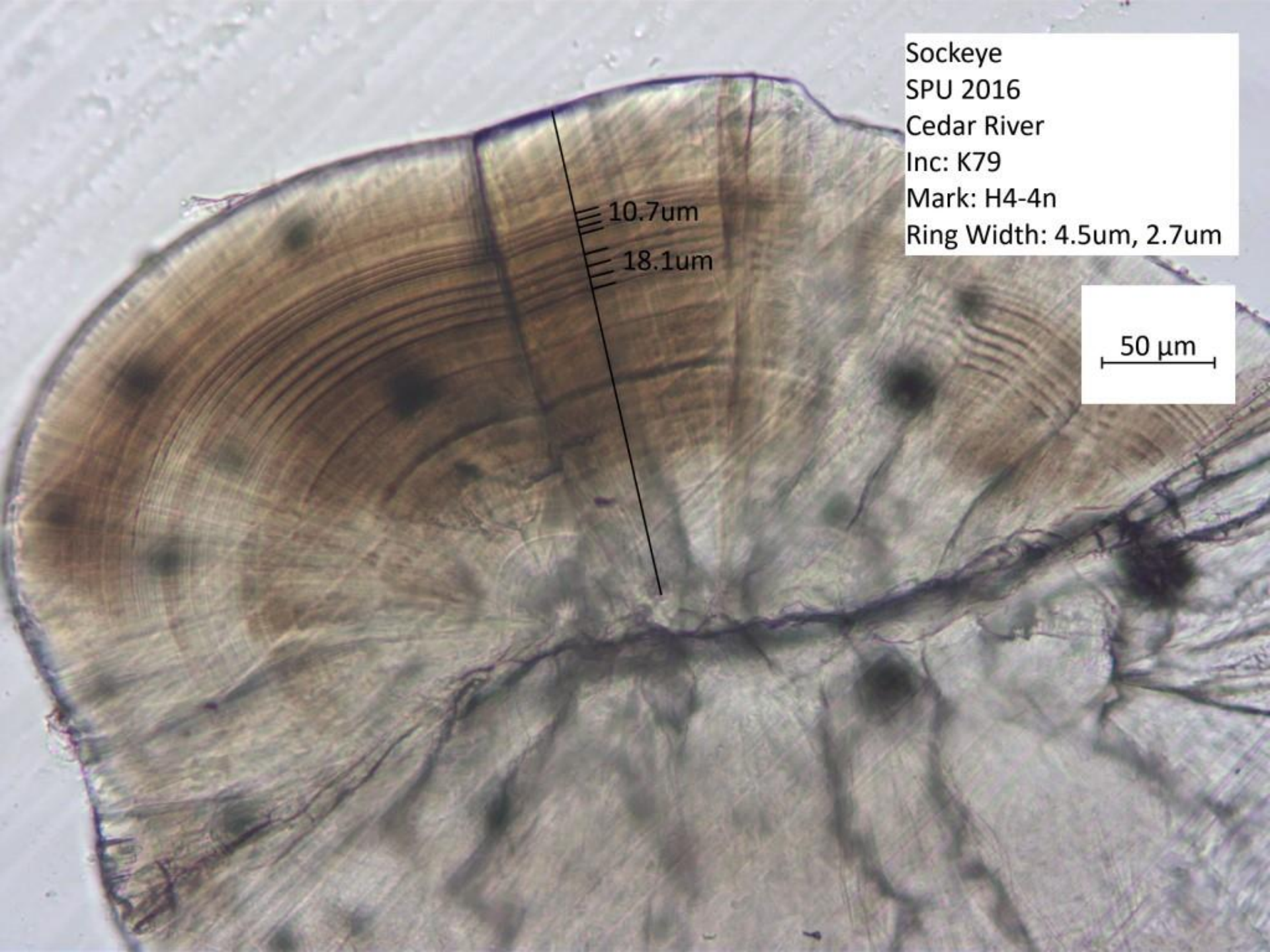
9.7um
7.4um
3.7um

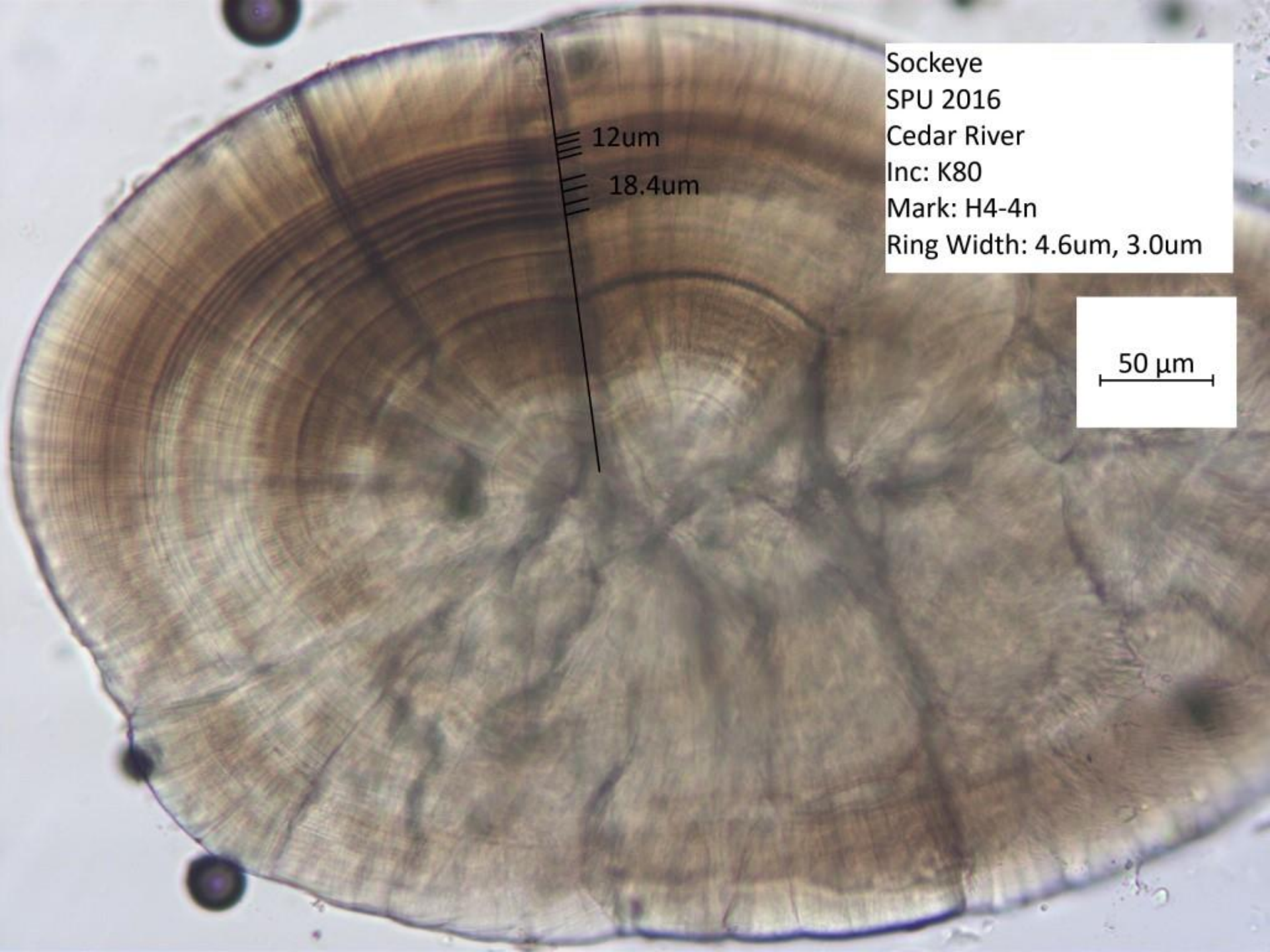
50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K79
Mark: H4-4n
Ring Width: 4.5um, 2.7um

10.7um
18.1um

50 μm

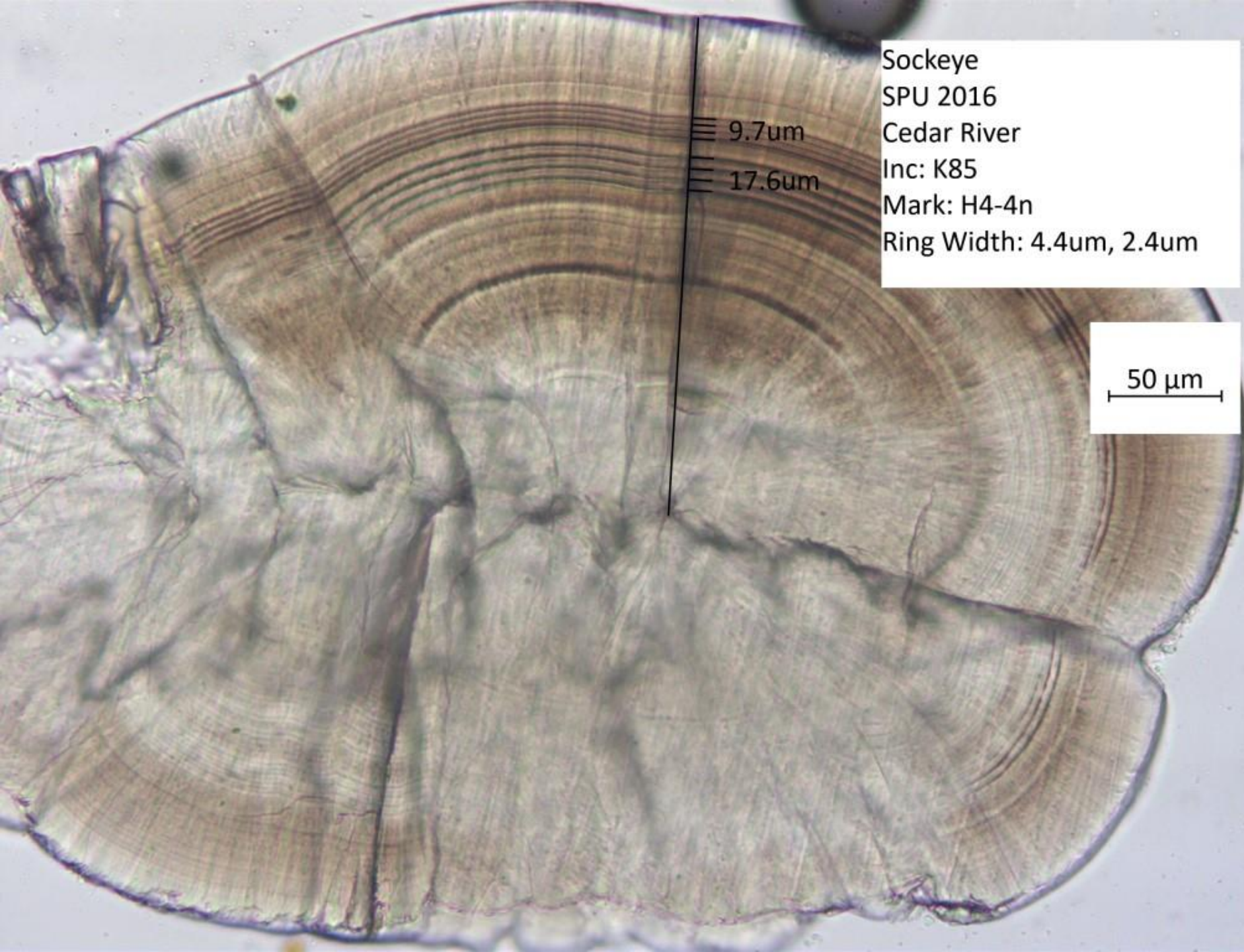




Sockeye
SPU 2016
Cedar River
Inc: K80
Mark: H4-4n
Ring Width: 4.6um, 3.0um

12um
18.4um

50 μ m



Sockeye
SPU 2016
Cedar River
Inc: K85
Mark: H4-4n
Ring Width: 4.4um, 2.4um

9.7um
17.6um

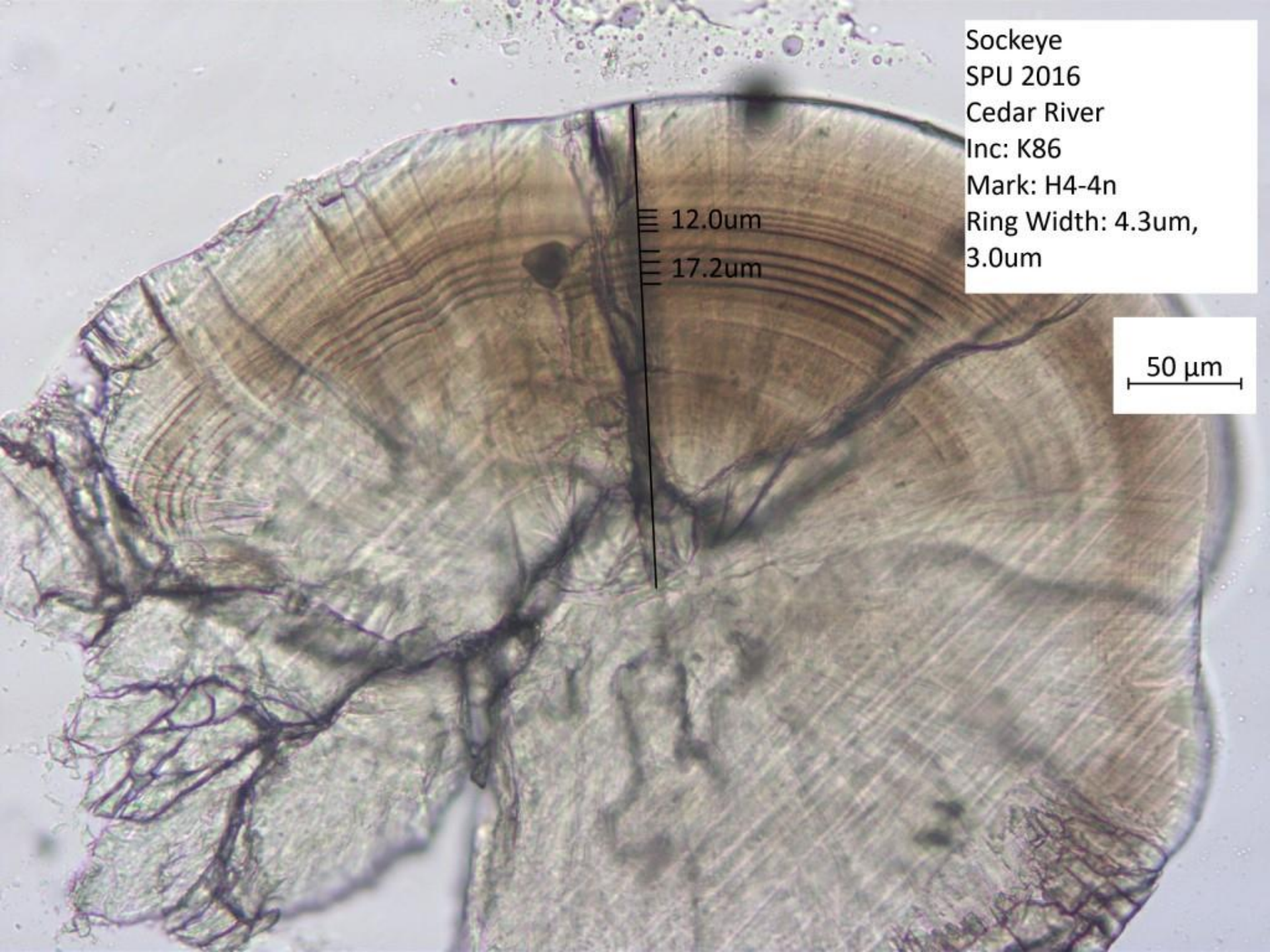
50 μ m

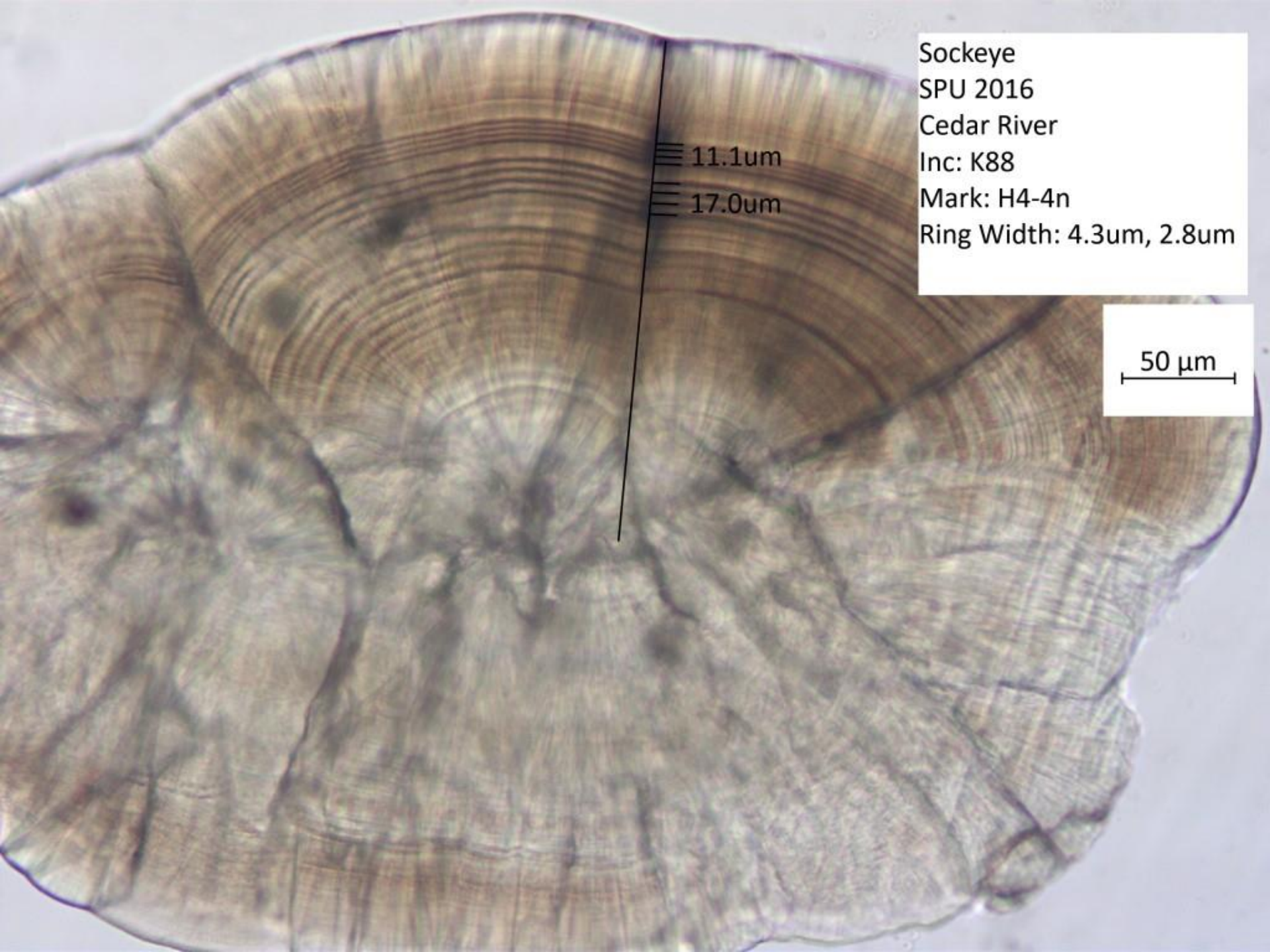
Sockeye
SPU 2016
Cedar River
Inc: K86
Mark: H4-4n
Ring Width: 4.3um,
3.0um

12.0um

17.2um

50 μ m





Sockeye
SPU 2016
Cedar River
Inc: K88
Mark: H4-4n
Ring Width: 4.3um, 2.8um

11.1um
17.0um

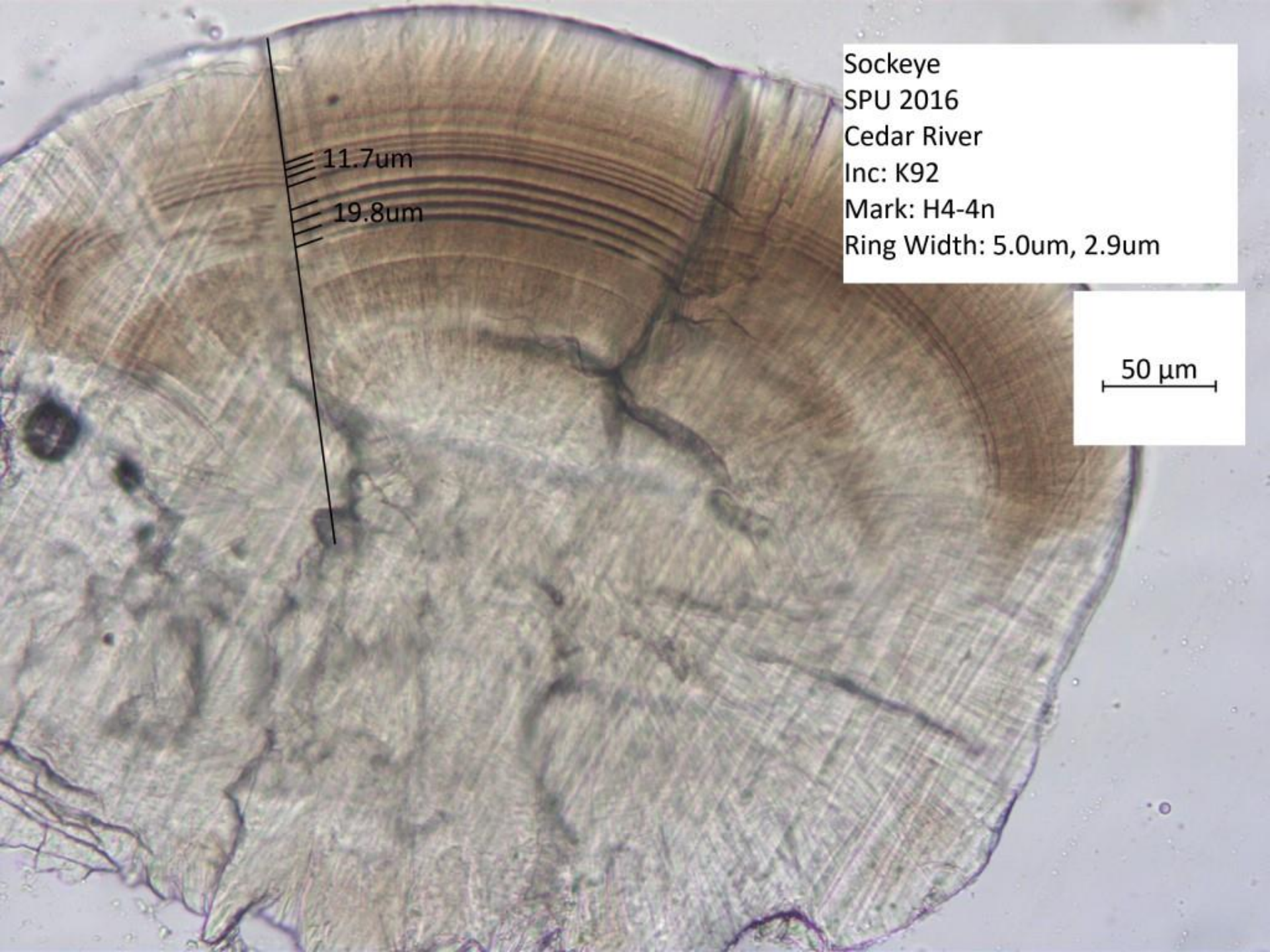
50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K92
Mark: H4-4n
Ring Width: 5.0um, 2.9um

50 μm

11.7um

19.8um



Sockeye
SPU 2016
Cedar River
Inc: K97
Mark: 3wH3w
Ring Width: 4.9um, 4.4um

13.2um

14.6um

50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K98
Mark: 3wH3w
Ring Width: 4.9um, 4.3um

12.8um

14.8um

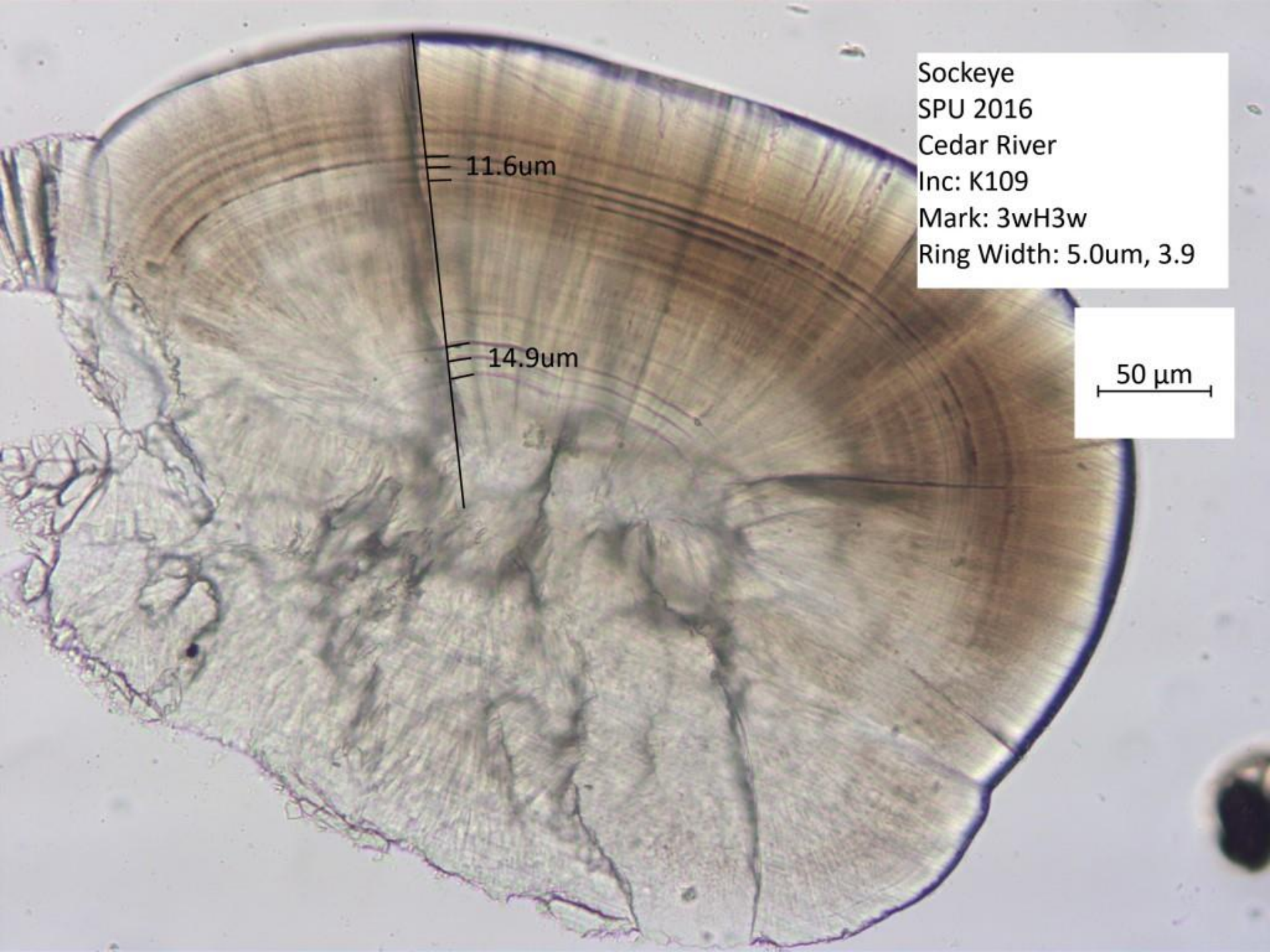
50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K104
Mark: 3wH3w
Ring Width: 5.1um, 4.2um

12.6um

15.4um

50 μ m

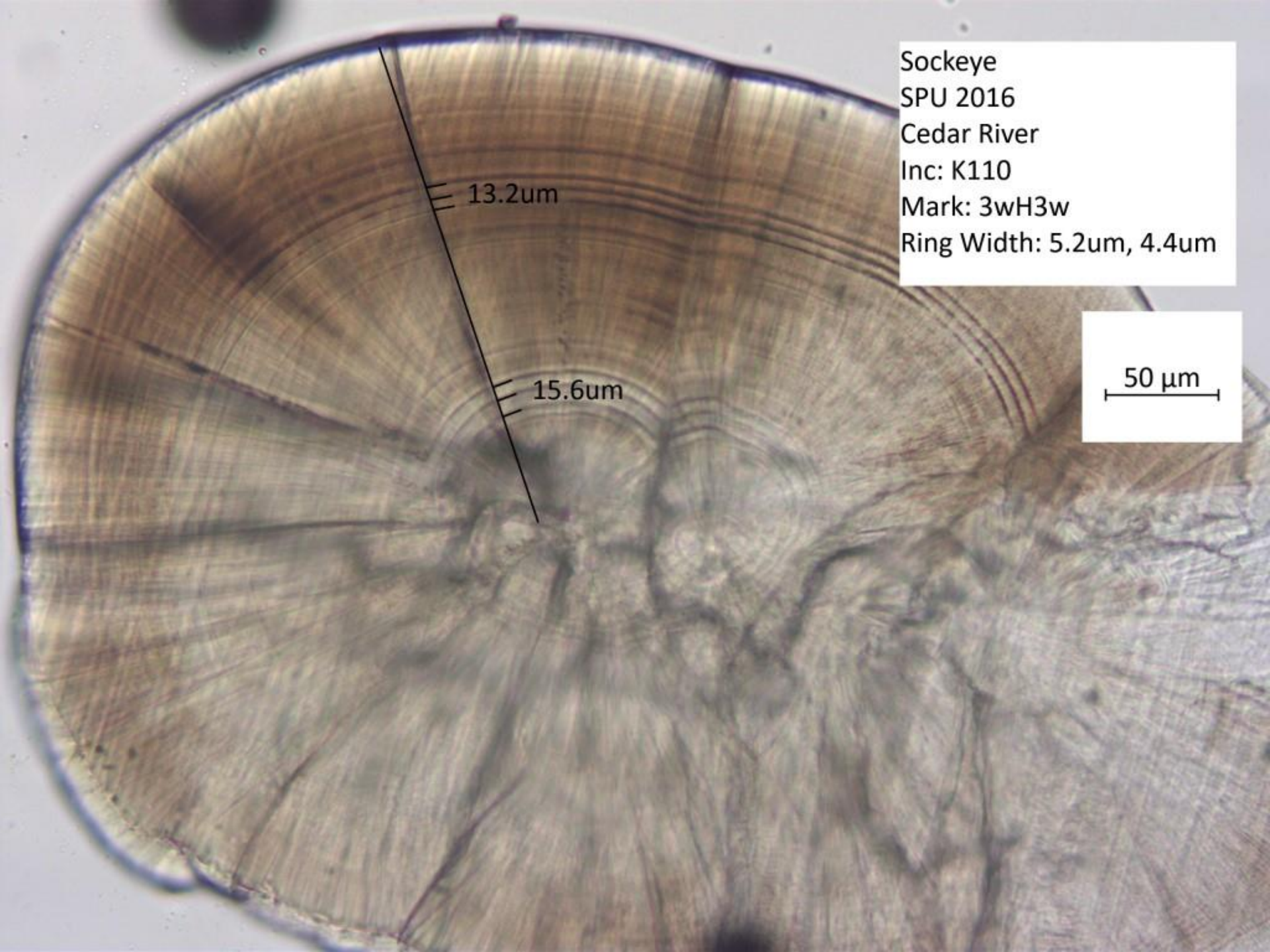


Sockeye
SPU 2016
Cedar River
Inc: K109
Mark: 3wH3w
Ring Width: 5.0μm, 3.9

50 μm

11.6μm

14.9μm



Sockeye
SPU 2016
Cedar River
Inc: K110
Mark: 3wH3w
Ring Width: 5.2μm, 4.4μm

50 μm

13.2μm

15.6μm

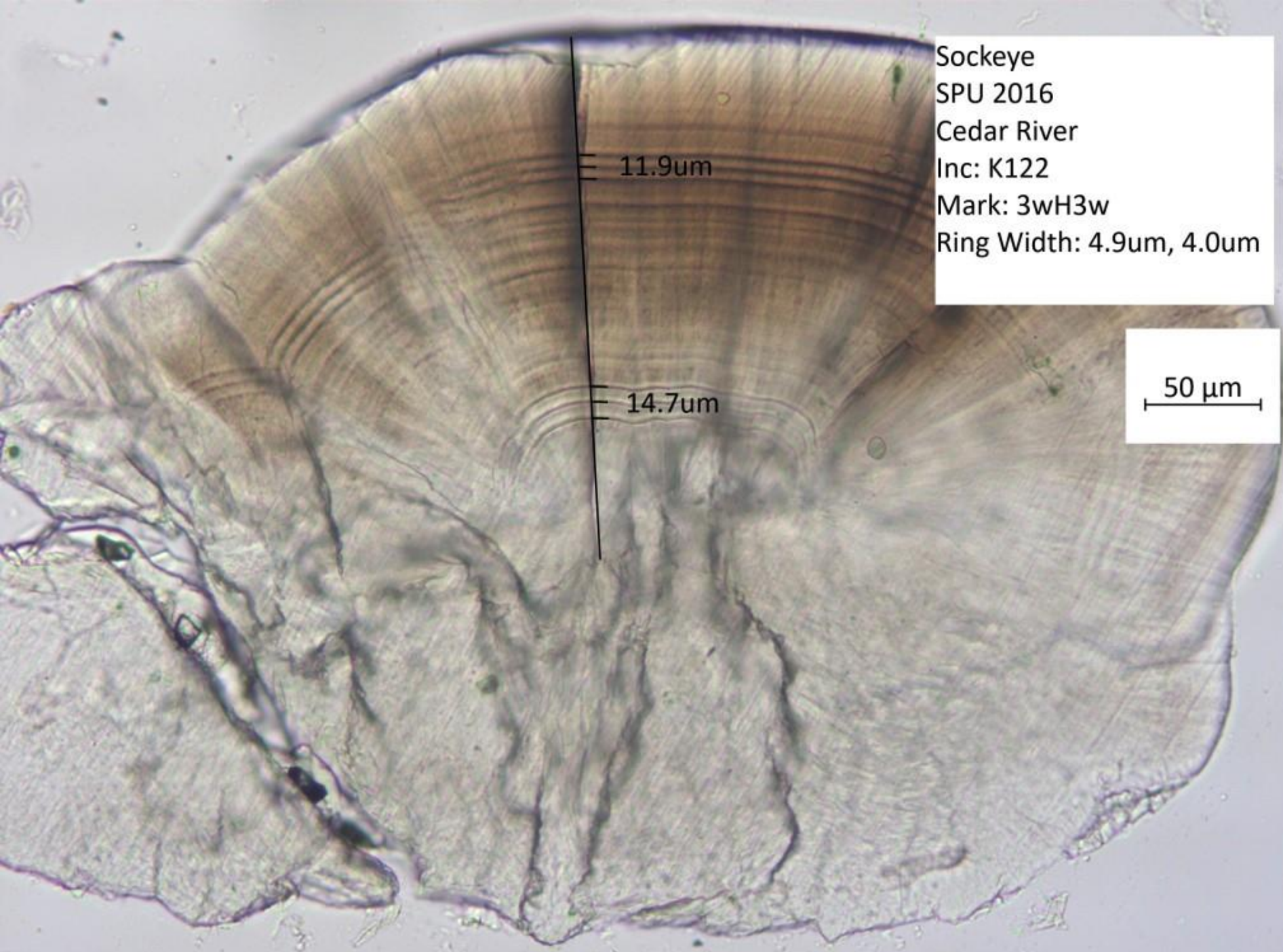
Sockeye
SPU 2016
Cedar River
Inc: K116
Mark: 3wH3w
Ring Width: 5.5um, 4.9um

14.6um

16.5um

50 μ m





Sockeye
SPU 2016
Cedar River
Inc: K122
Mark: 3wH3w
Ring Width: 4.9um, 4.0um

50 μ m

Sockeye
SPU 2016
Cedar River
Inc: K128
Mark: 3wH3w
Ring Width: 5.5um, 4.6um

13.8um

16.5um

50 μ m

