

Brood Year 2021 Mark Characteristic Report



Prepared for:
Andrew Ollenburg
Tacoma Power
Saltwater Park Hatchery
Hoodsport, WA

Prepared by:
Sagilith
Michael Wunderlich

March 2022

- Agency: Tacoma Power
- Facility: Saltwater Park Hatchery
- Species: Sockeye
- Brood Year: 2021
- Total Eyed Egg Inventory: 695,050

Skokomish Stock

- 3H1/1 (33,200)
- H5-1 (27,750)
- H1-5 (56,500)
- H2-1-2 (56,750)

Baker Stock

- H3n-5 (104,000)
- H5-2n (64,450)
- H5-3n (199,400)
- H5-4n & H4-4n (153,000)

- Ambient water temp: 8°C
- Marking system: Chill 4°C

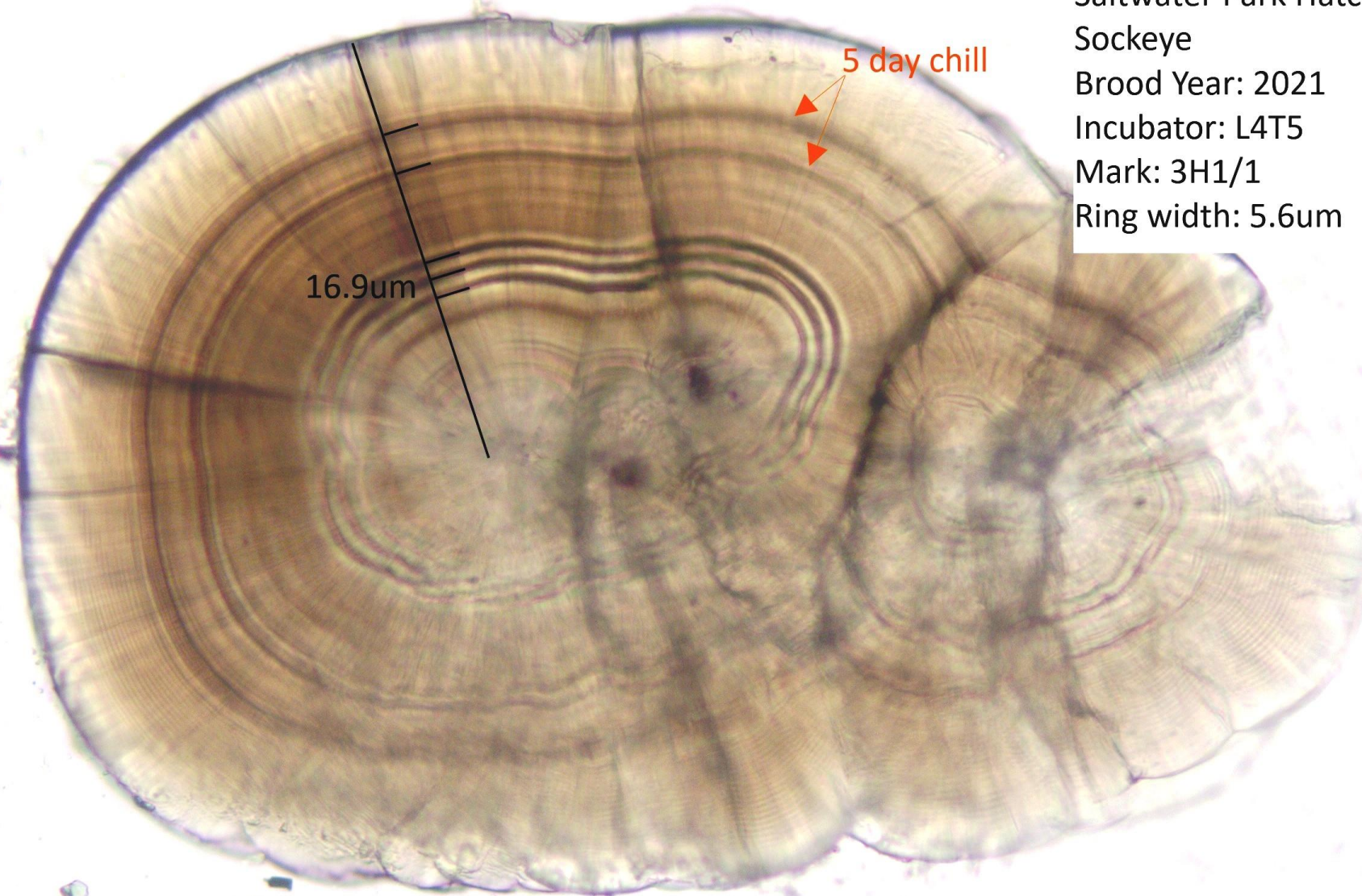
[illegible][illegible]

Baker																																
H5-3n																																
HATCH	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

[illegible][illegible]

Stock: Skokomish
Hatch Code: 3H1/1

Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L4T5
Mark: 3H1/1
Ring width: 5.6um



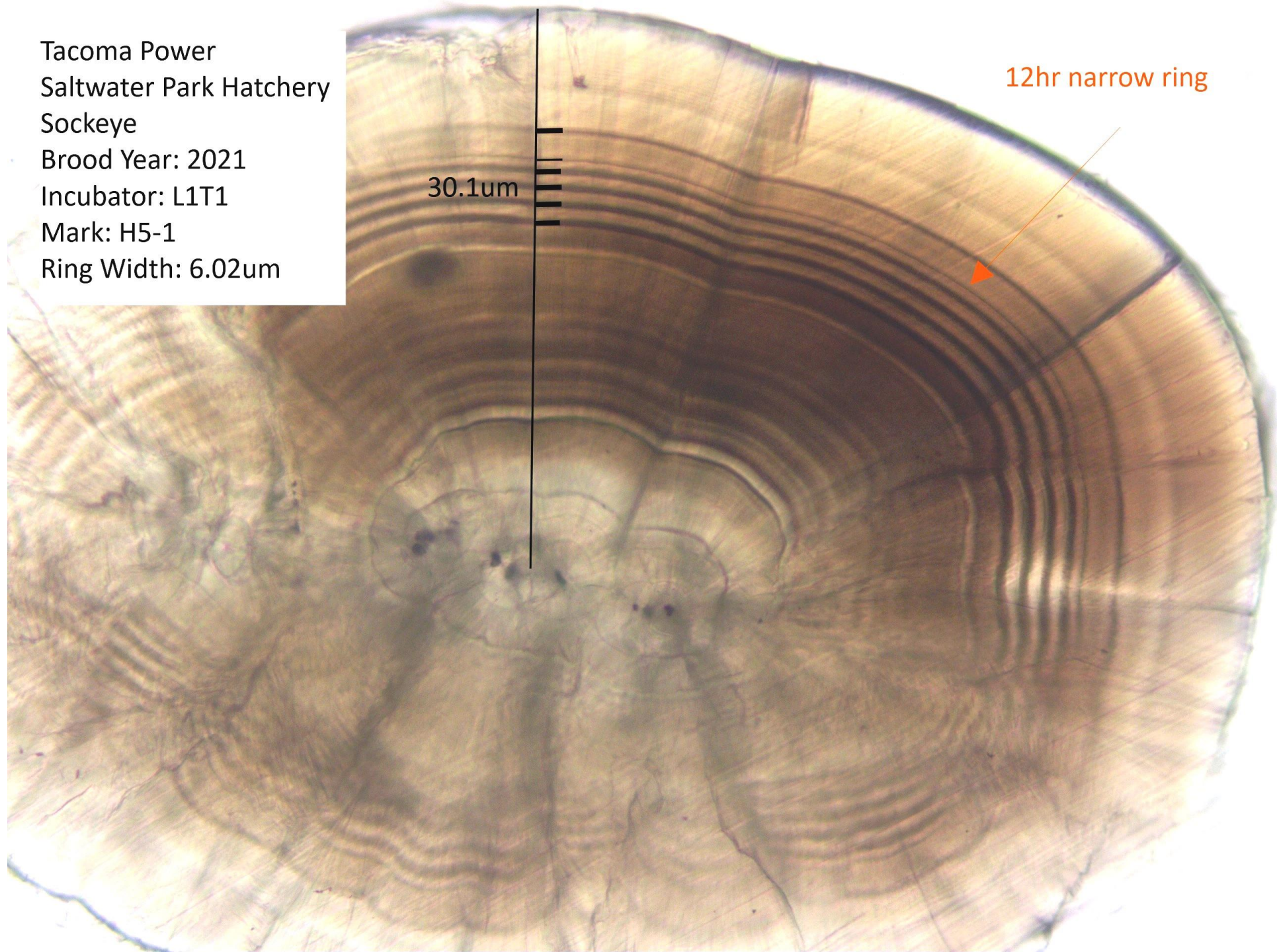
16.9um

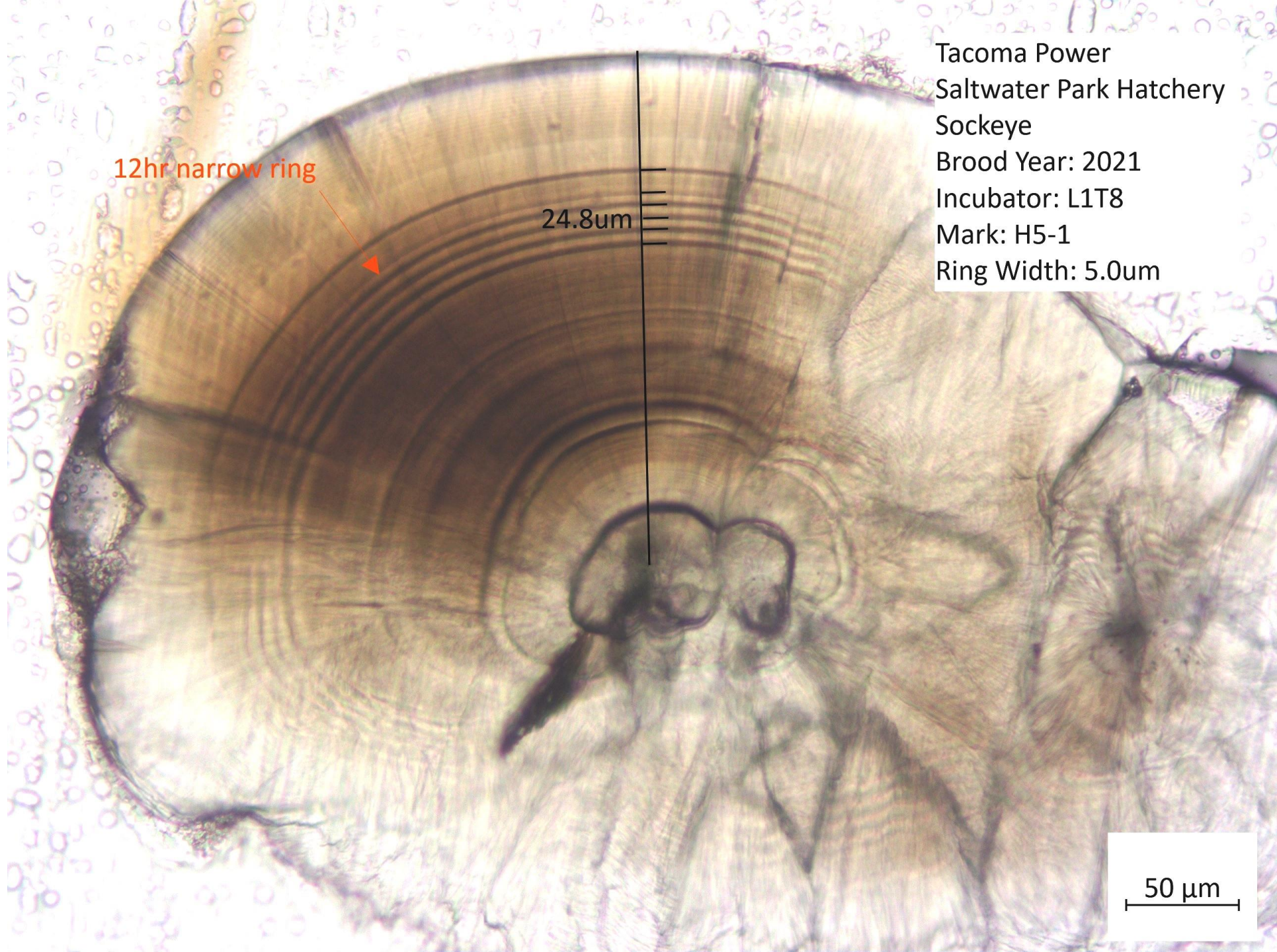
5 day chill

50 µm

Stock: Skokomish
Hatch Code: H5-1
Decimal Code: H5.5-1

Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L1T1
Mark: H5-1
Ring Width: 6.02um





Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L1T8
Mark: H5-1
Ring Width: 5.0um

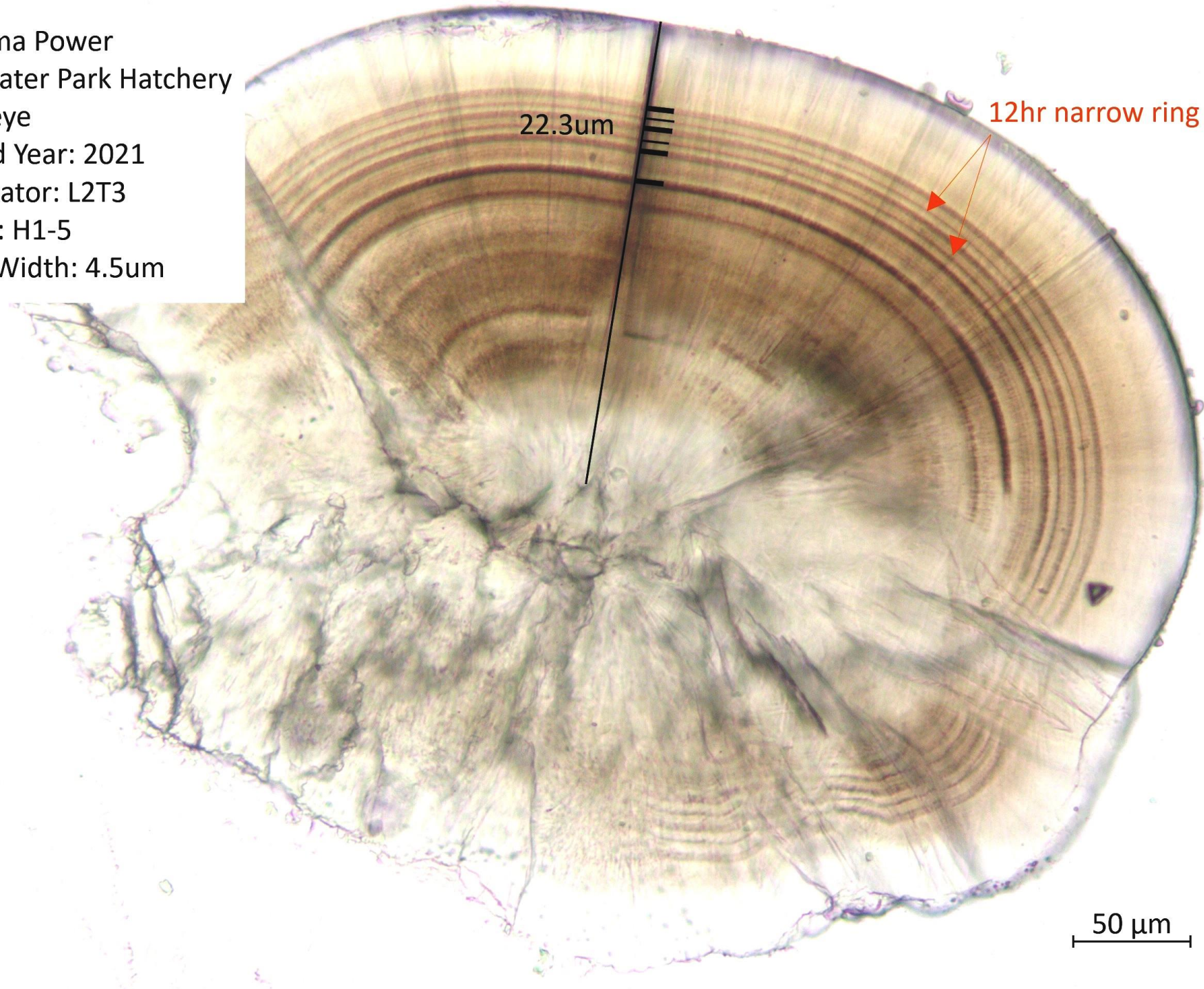
12hr narrow ring

24.8um

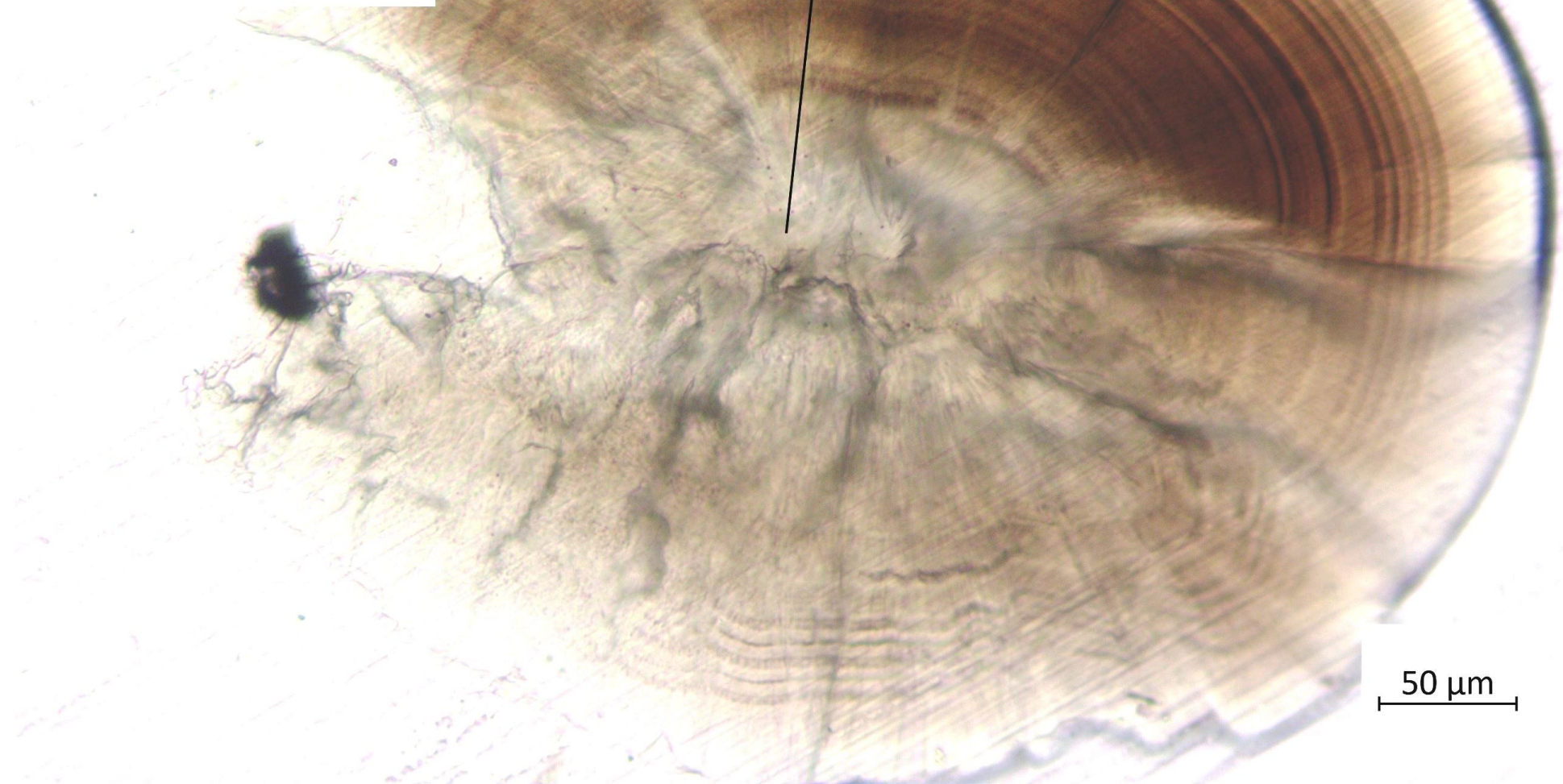
50 μm

Stock: Skokomish
Hatch Code: H1-5
Decimal Code: H1-5.2.4

Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L2T3
Mark: H1-5
Ring Width: 4.5um



Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L3T2
Mark: H1-5
Ring Width: 4.5um



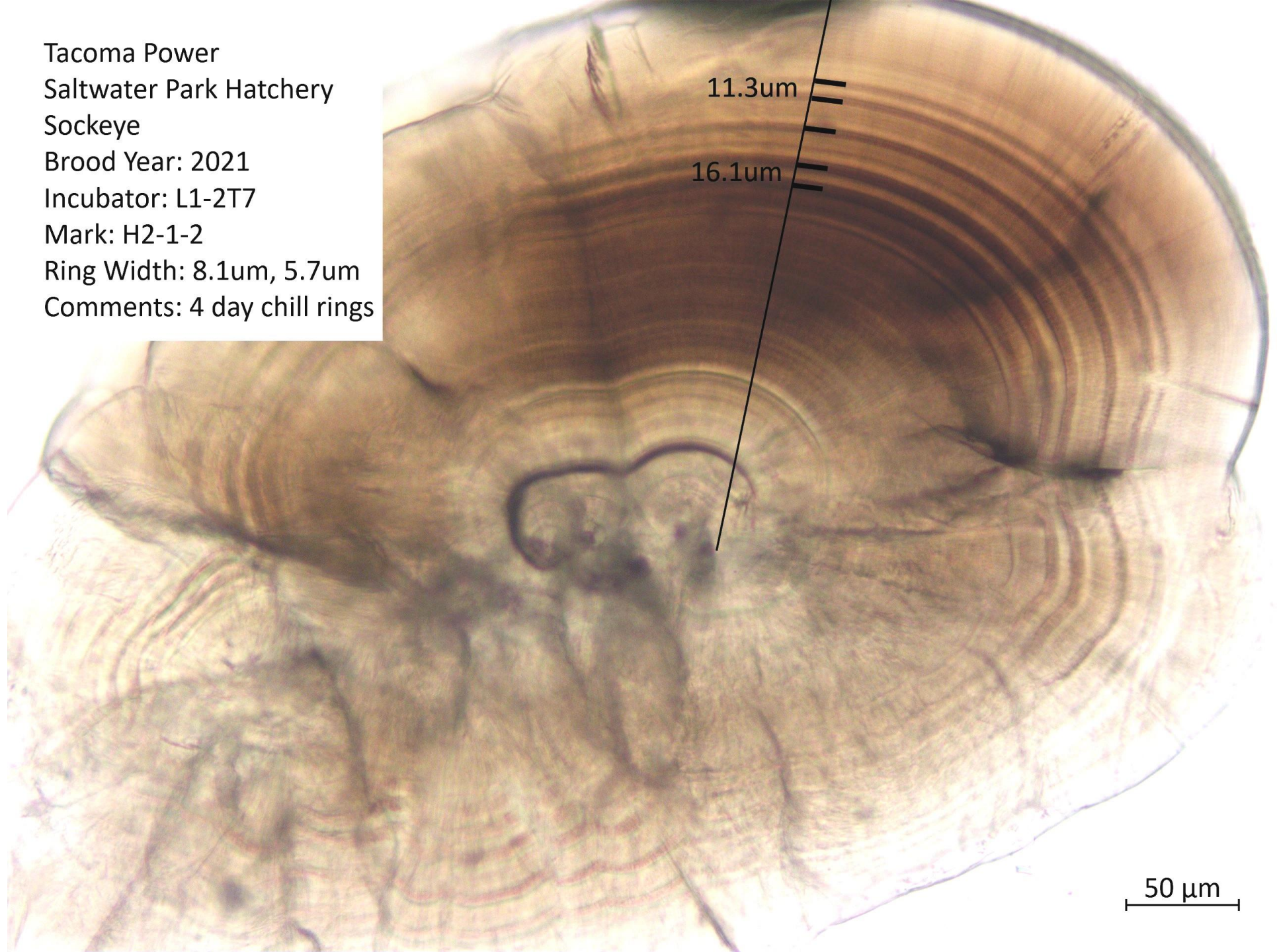
22.5um

12hr narrow ring

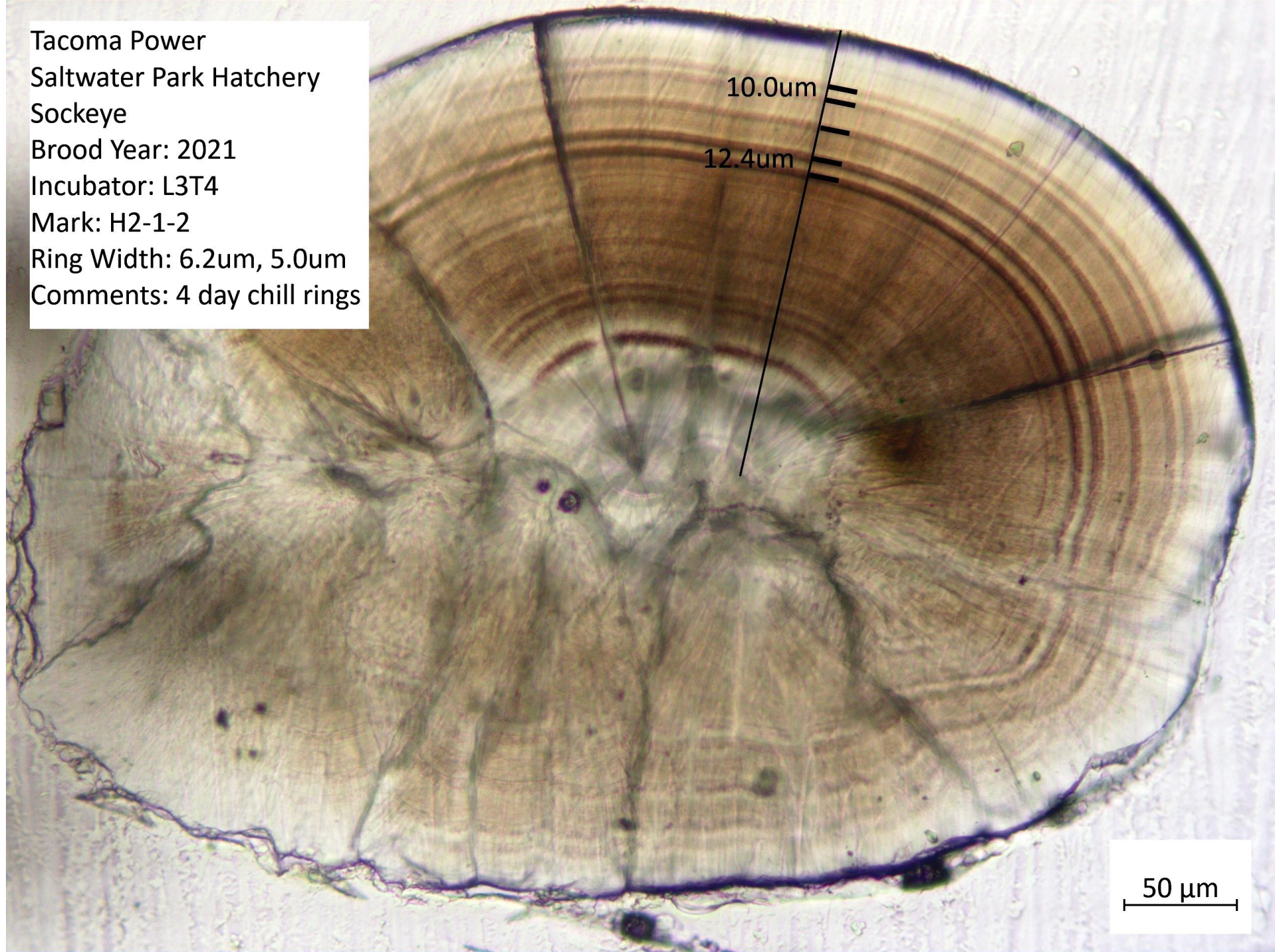
50 μm

Stock: Skokomish
Hatch Code: H2-1-2

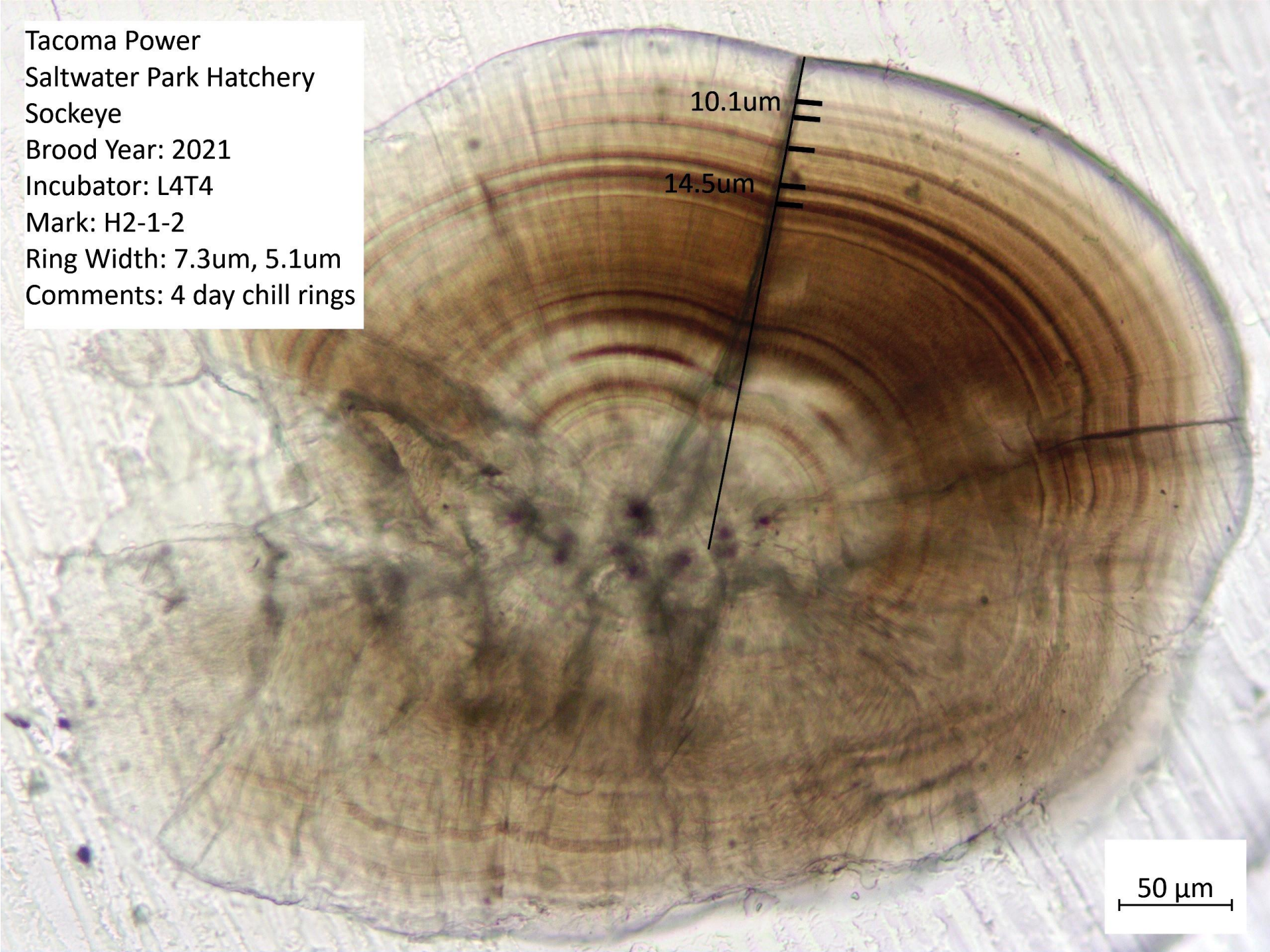
Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L1-2T7
Mark: H2-1-2
Ring Width: 8.1um, 5.7um
Comments: 4 day chill rings



Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L3T4
Mark: H2-1-2
Ring Width: 6.2um, 5.0um
Comments: 4 day chill rings

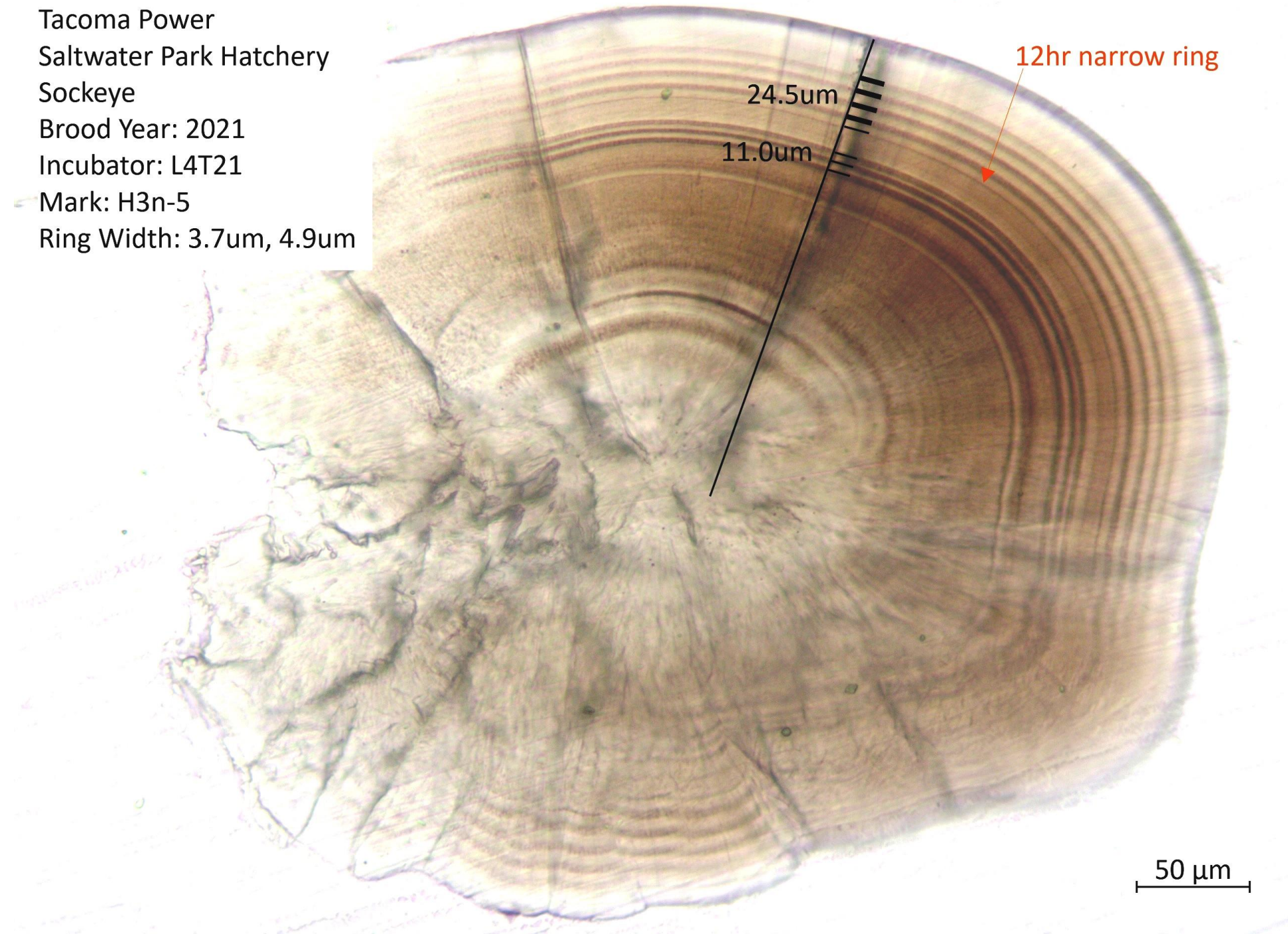


Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L4T4
Mark: H2-1-2
Ring Width: 7.3um, 5.1um
Comments: 4 day chill rings

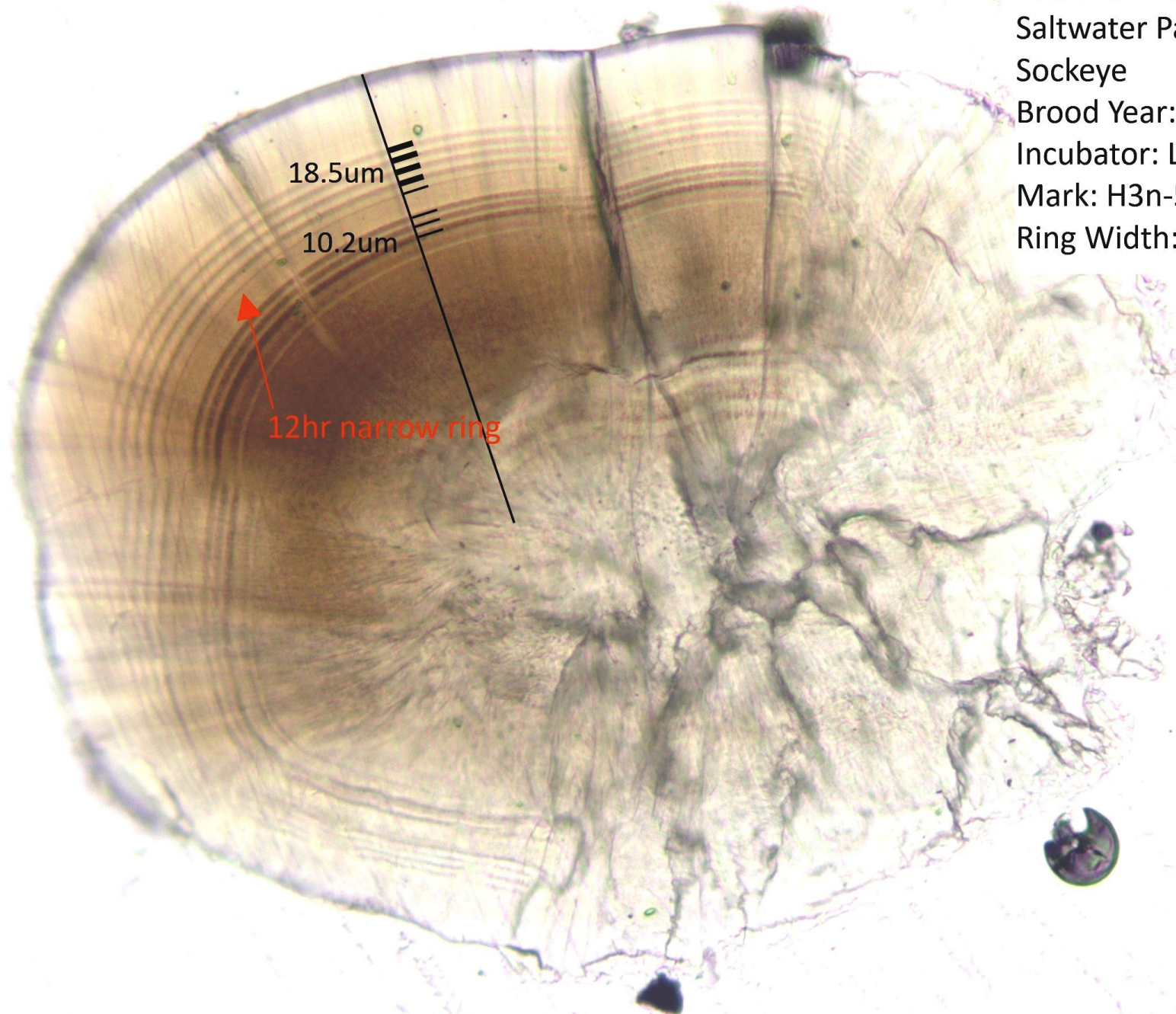


Stock: Baker
Hatch Code: H3n-5
Decimal Code: H3n-5.1

Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L4T21
Mark: H3n-5
Ring Width: 3.7 μ m, 4.9 μ m



Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L4T23
Mark: H3n-5
Ring Width: 3.4um, 3.7um



50 μ m

Stock: Baker
Hatch Code: H5-2n
Decimal Code: H5.2-2n

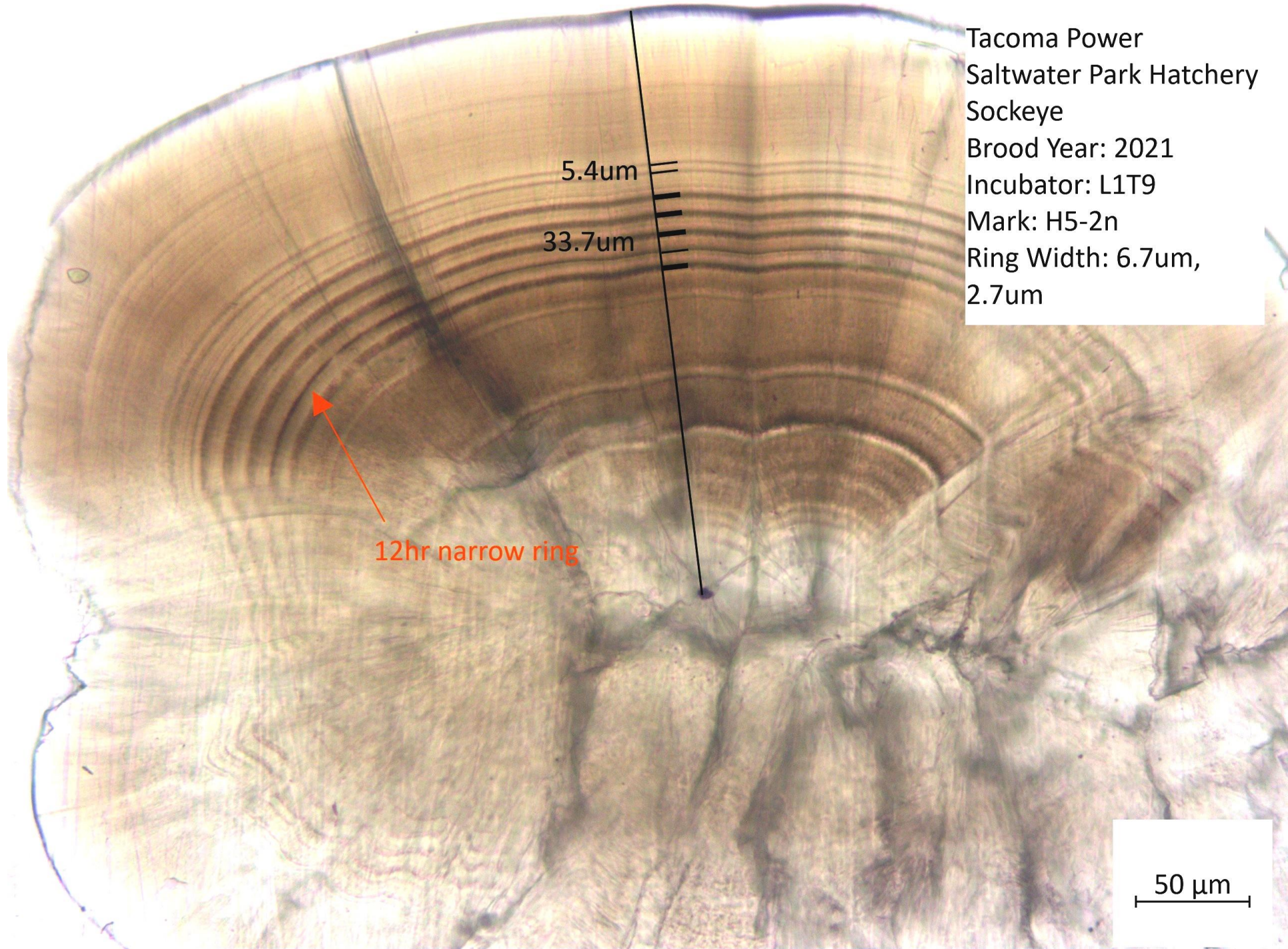
Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L1T9
Mark: H5-2n
Ring Width: 6.7um,
2.7um

5.4um

33.7um

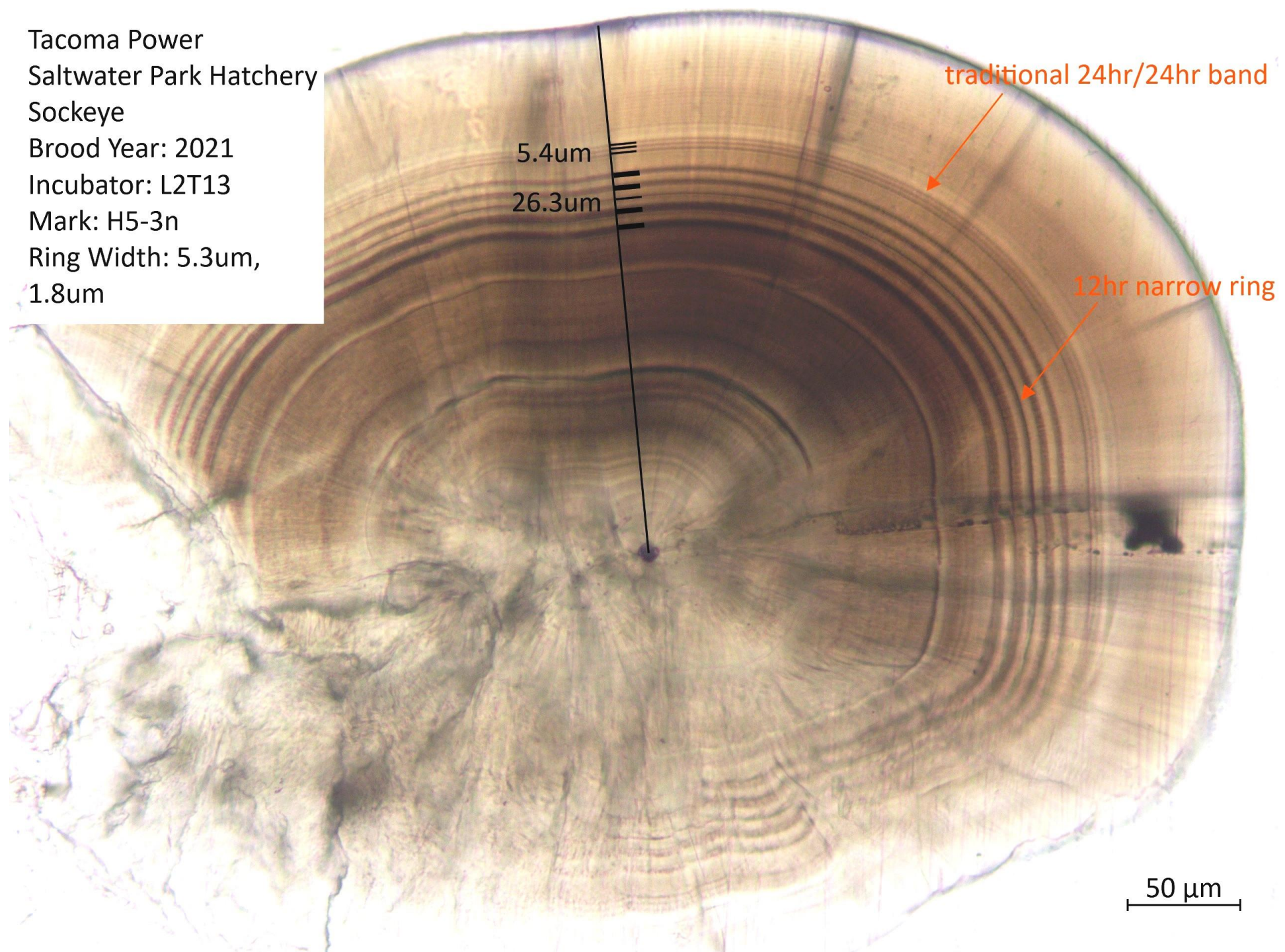
12hr narrow ring

50 μ m

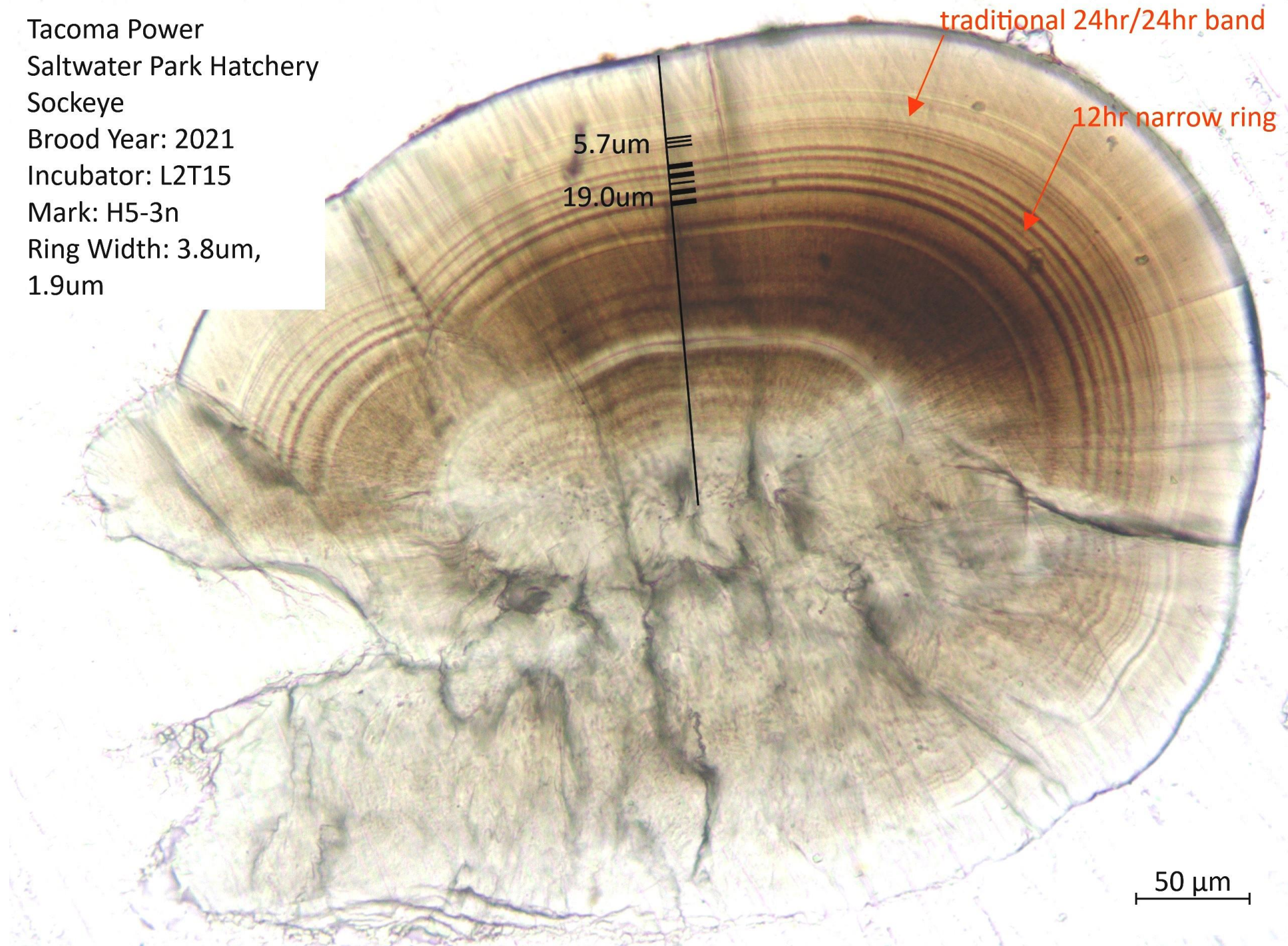


Stock: Baker
Hatch Code: H5-3n
Decimal Code: H5.3-3n

Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L2T13
Mark: H5-3n
Ring Width: 5.3um,
1.8um



Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L2T15
Mark: H5-3n
Ring Width: 3.8um,
1.9um



faint traditional 24hr/24hr band

4.4um

19.8um



Tacoma Power
Saltwater Park Hatchery
Sockeye

Brood Year: 2021

Incubator: L3T19

Mark: H5-3n

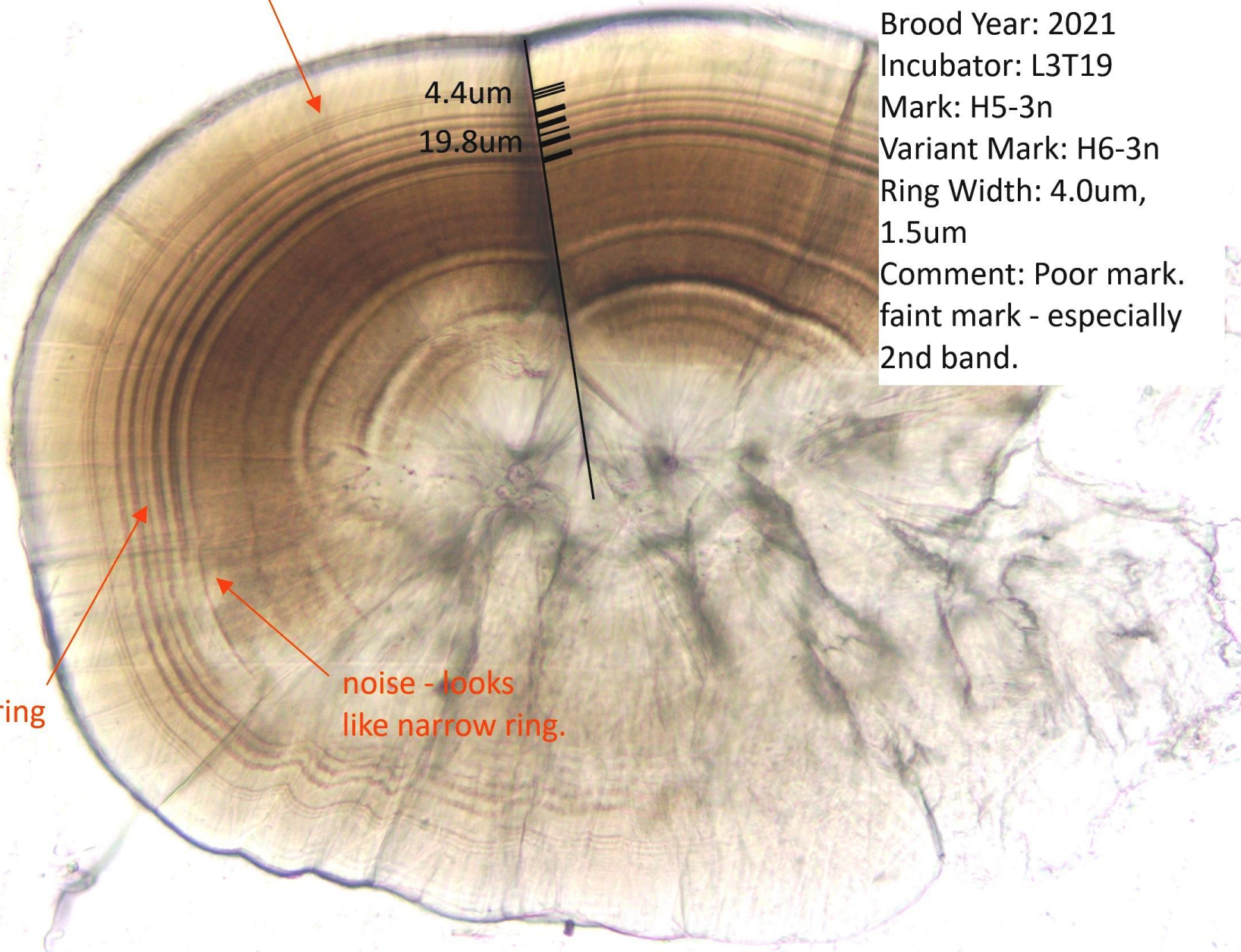
Variant Mark: H6-3n

Ring Width: 4.0um,
1.5um

Comment: Poor mark.
faint mark - especially
2nd band.

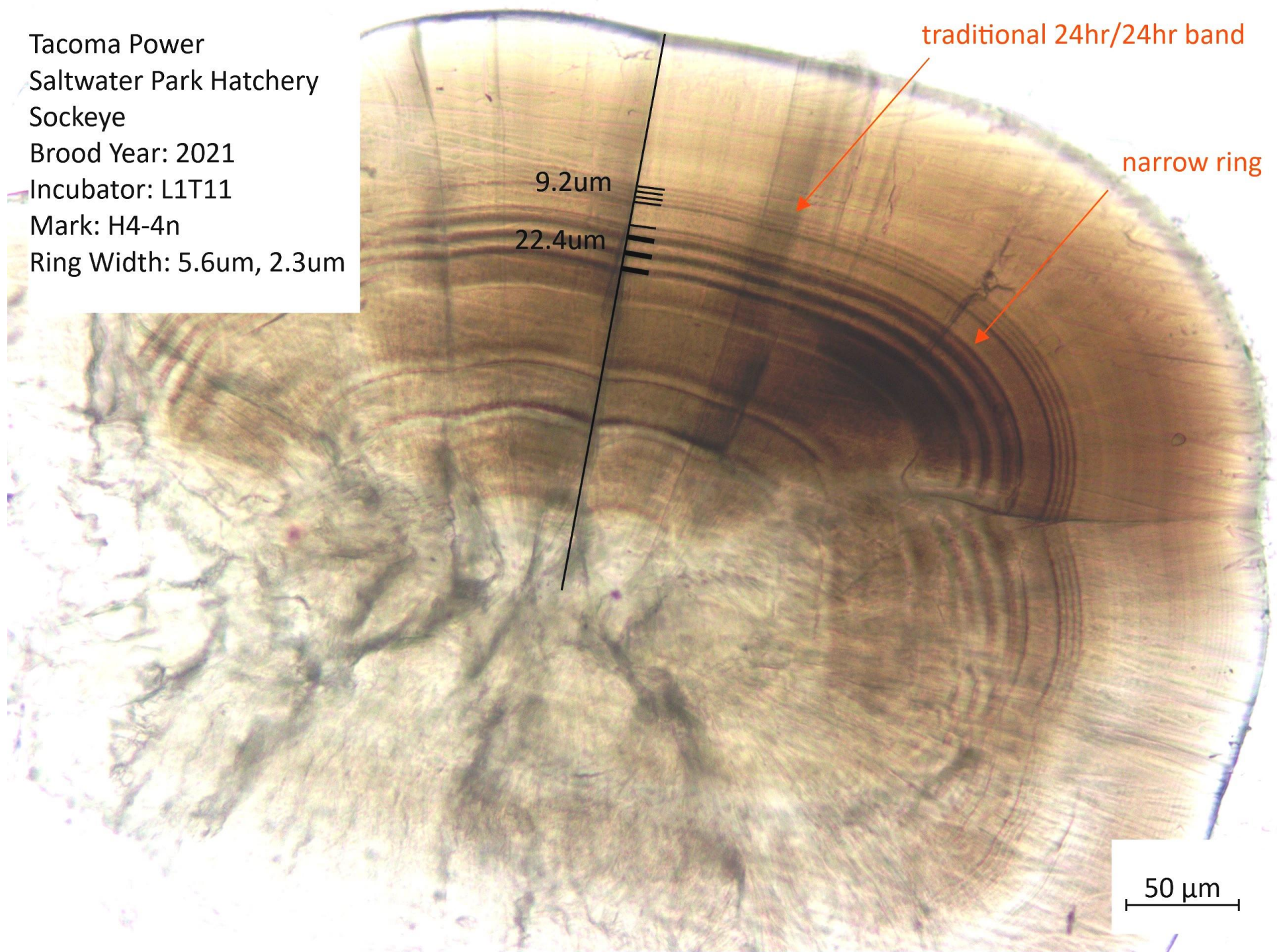
12hr narrow ring

noise - looks
like narrow ring.



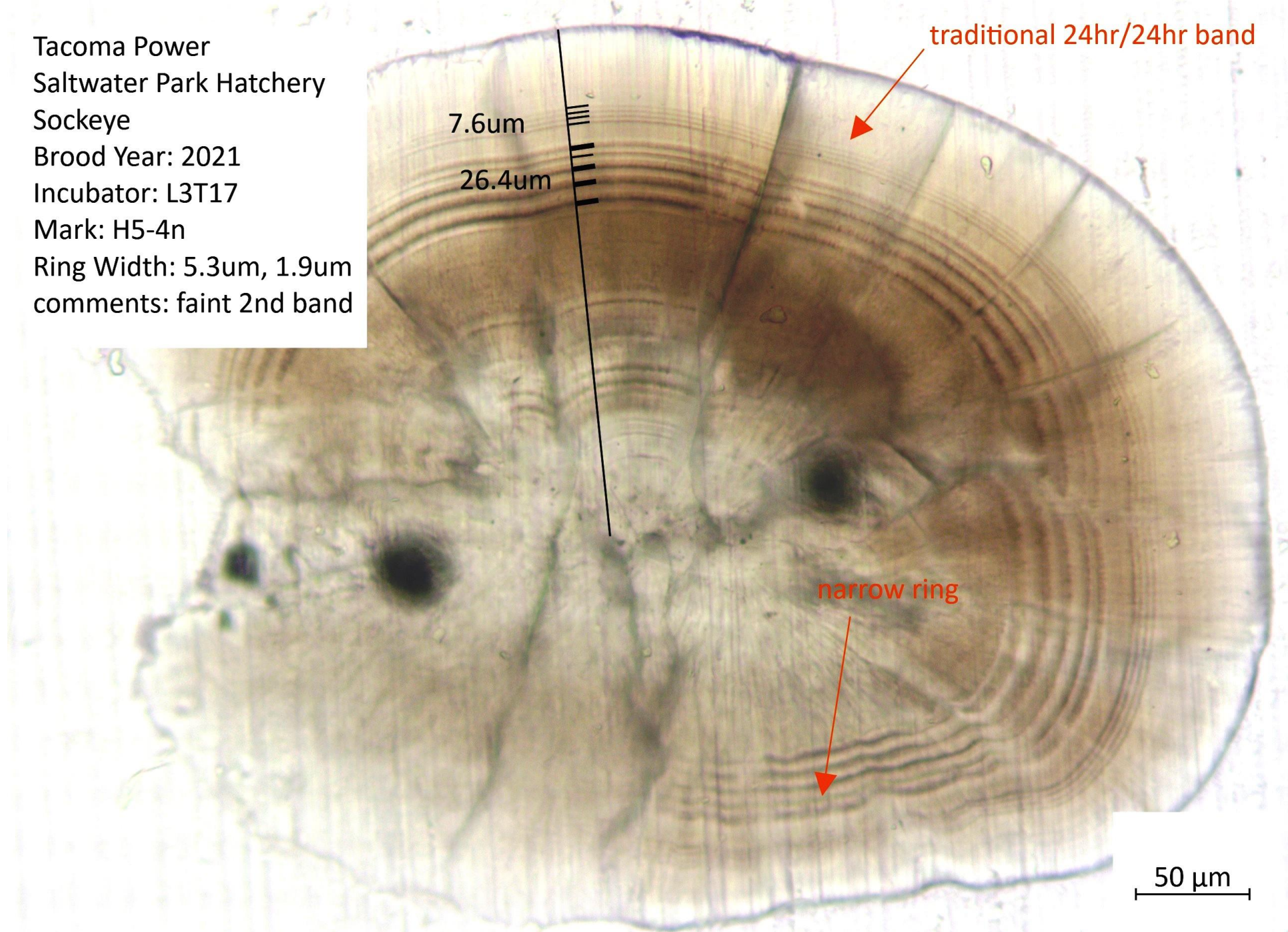
Stock: Baker
Hatch Code: H4-4n
Decimal Code: H4.4-4n

Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L1T11
Mark: H4-4n
Ring Width: 5.6um, 2.3um



Stock: Baker
Hatch Code: H5-4n
Decimal Code: H5.4-4n

Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L3T17
Mark: H5-4n
Ring Width: 5.3um, 1.9um
comments: faint 2nd band



Tacoma Power
Saltwater Park Hatchery
Sockeye
Brood Year: 2021
Incubator: L3T24
Mark: H5-4n
Ring Width: 6.2um, 2.3um
comments: faint 2nd band

