

## Multi-Cell Near East Grass Husk Identification Survey

In this **anonymous** multiple choice survey you will identify **18 different husk phytolith images** to genus. Taxa include **wild Barley (Hordeum)**, **wild Wheat (Triticum)** and **wild Oat (Avena)**. **Not all images will have features that make them manually identifiable.** In which case, please just select unidentifiable.

The images have been sampled from the deep learning training data employed and published in **Berganzo-Besga et al. 2022** in the Journal of Archaeological Science.

**The survey images were selected as follows:** 1/3 of the images were selected based on the presence of characteristics employed by a manual expert to ID husk phytoliths. 1/3 of the images were selected based on the presence of characteristics employed by the DL algorithm to ID husk phytoliths (based on our heat map survey data). 1/3 of the images were selected randomly.

Please provide as much information as possible in the text box at the bottom of the page regarding how you made your identification, or alternatively, why you were unable to make an identification (e.g., no diagnostic characteristics)

If you wish for your participation to be recognised in the acknowledgements of any forthcoming papers, please contact Dr. Ramsey directly at: [monica.ramsey@utoronto.ca](mailto:monica.ramsey@utoronto.ca)

**Thank you for taking the time to take this survey. Your help and expertise is greatly appreciated.**

What is your region of expertise?

- Near East
- Europe
- East Asia
- Central Asia
- Africa
- Please specify the specific location of work

Click [here](#) for dropbox image

- Used this Image

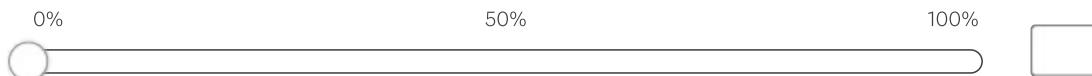
\*



Identify this Phytolith

- Hordeum
- Avena
- Triticum
- Unidentifiable

\* Rank your Confidence



\* What features did you use to identify this Phytolith

	Used	Did not Use
Wave Pattern	<input type="radio"/>	<input type="radio"/>
Papilla Shape	<input type="radio"/>	<input type="radio"/>
Pits around Papilla	<input type="radio"/>	<input type="radio"/>

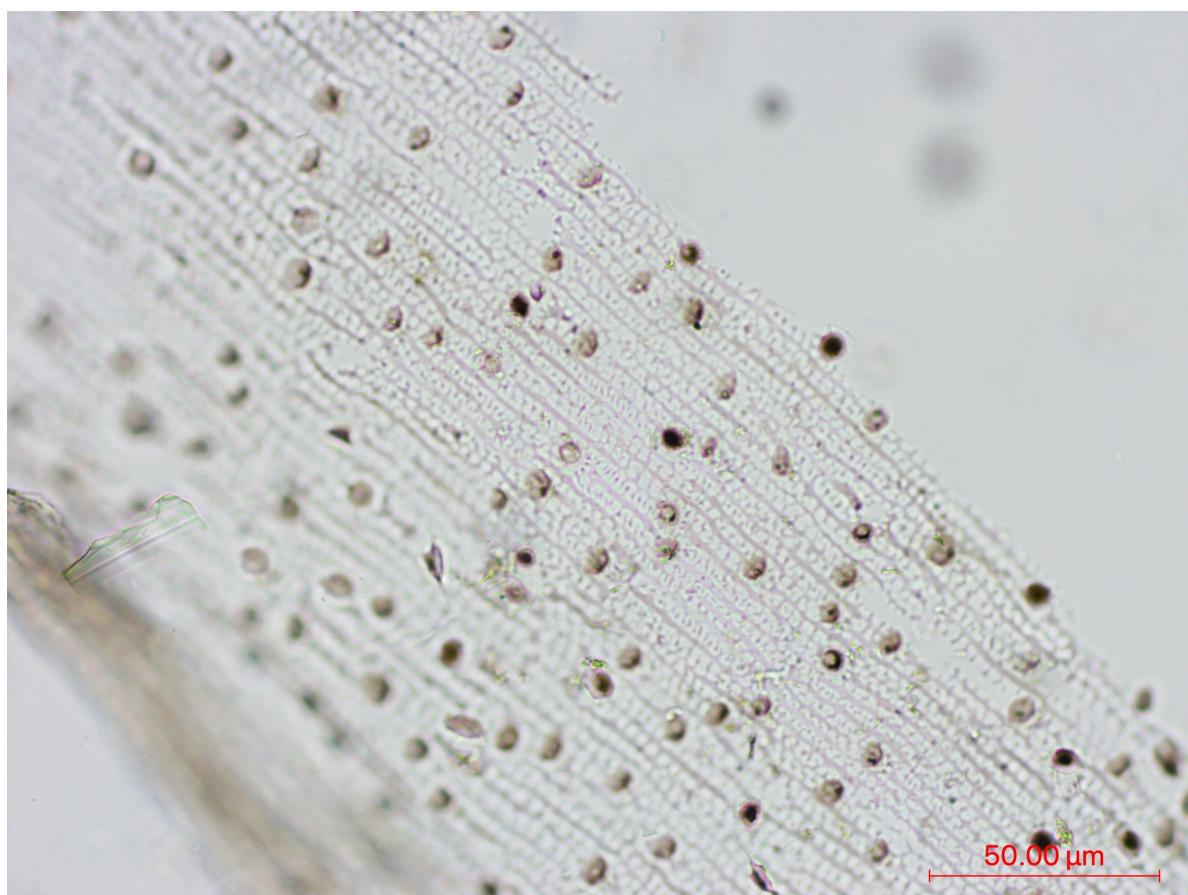
\* Describe how you made your ID and what features were prioritized, and any other comments.

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Used this Image

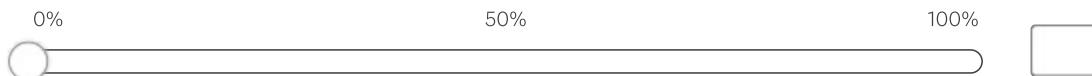
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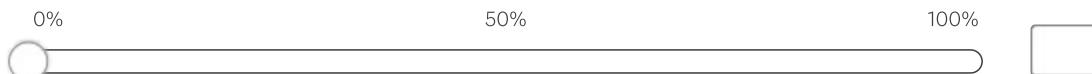
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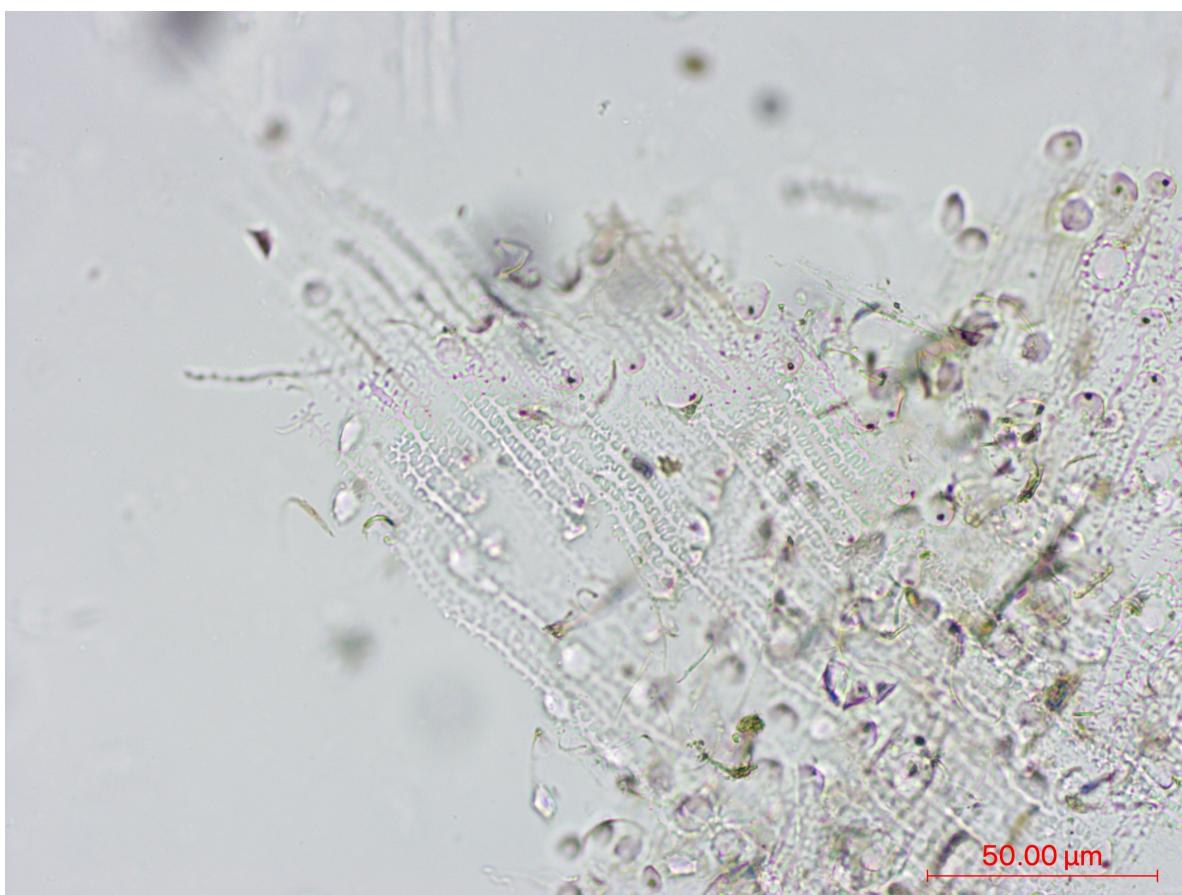
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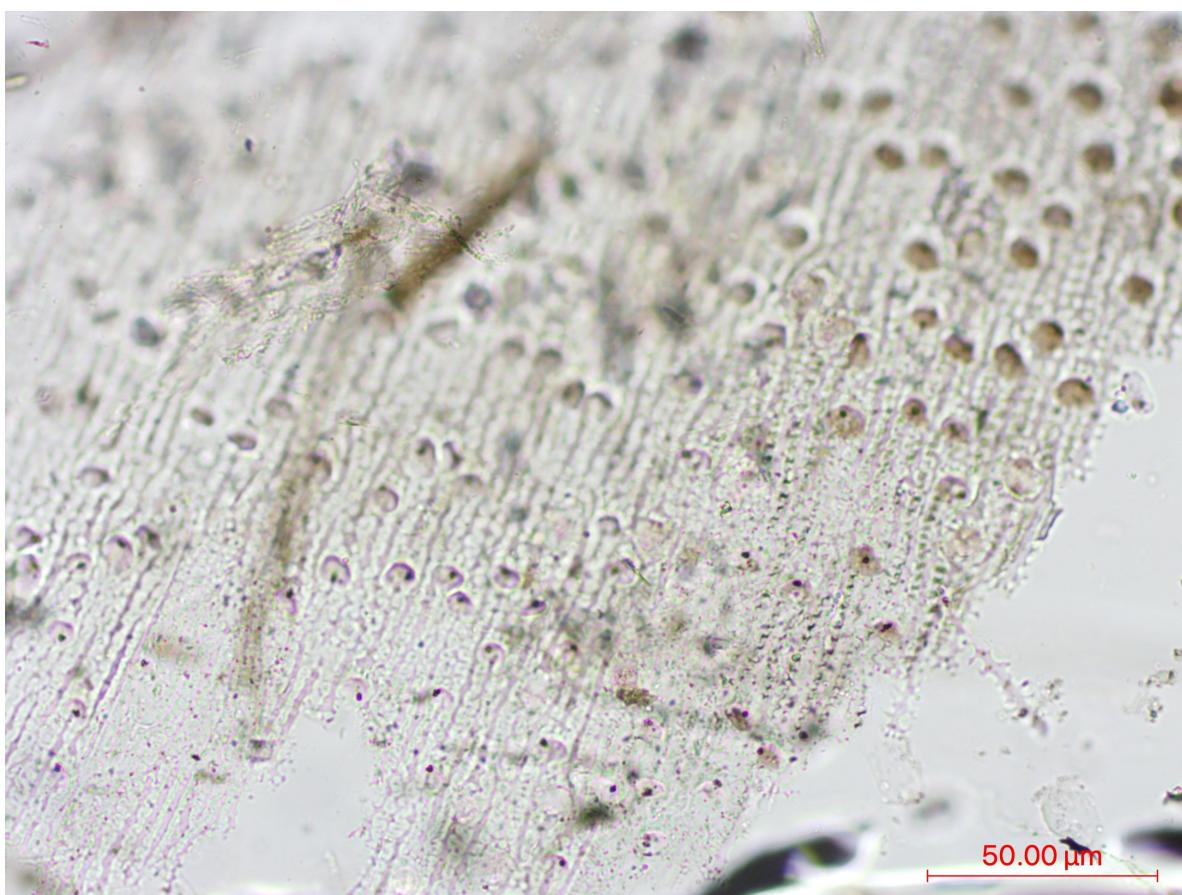
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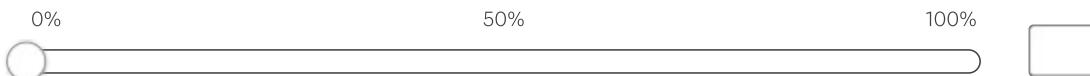
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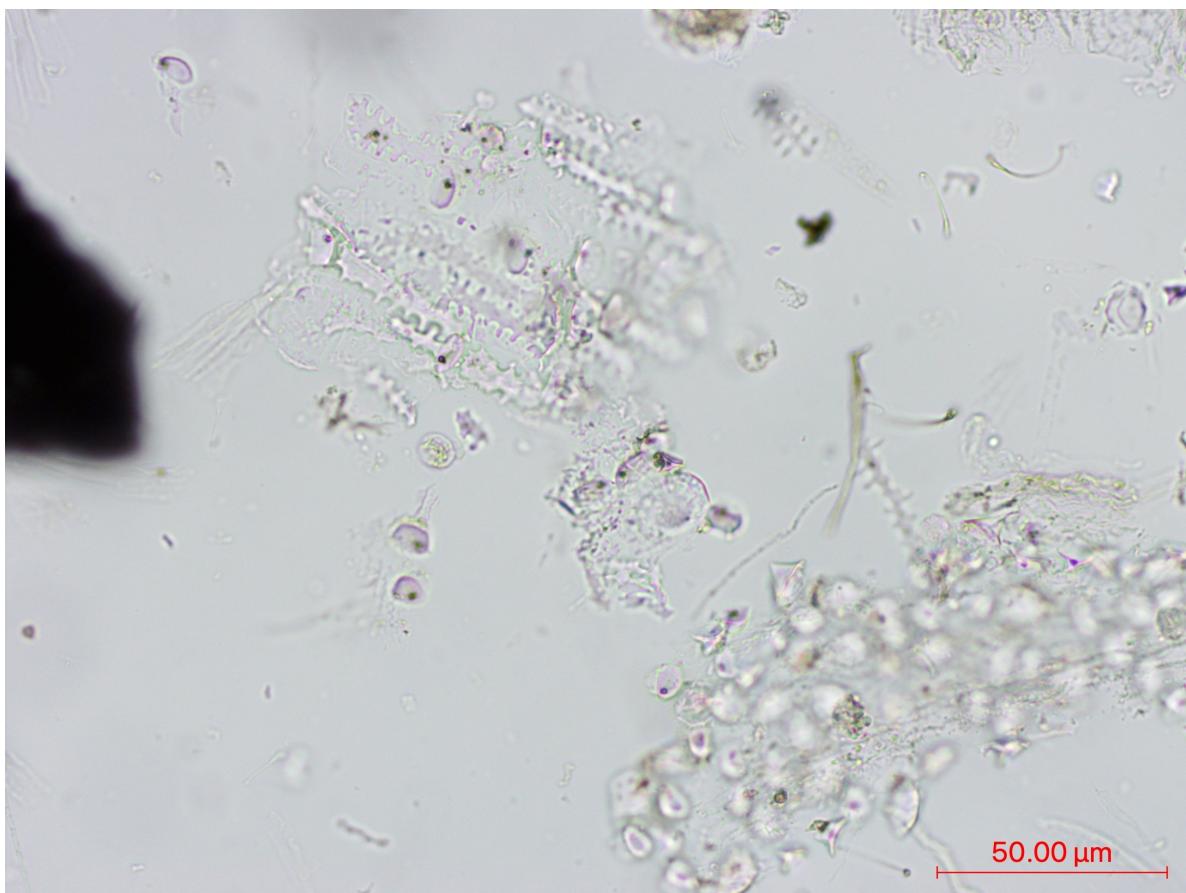
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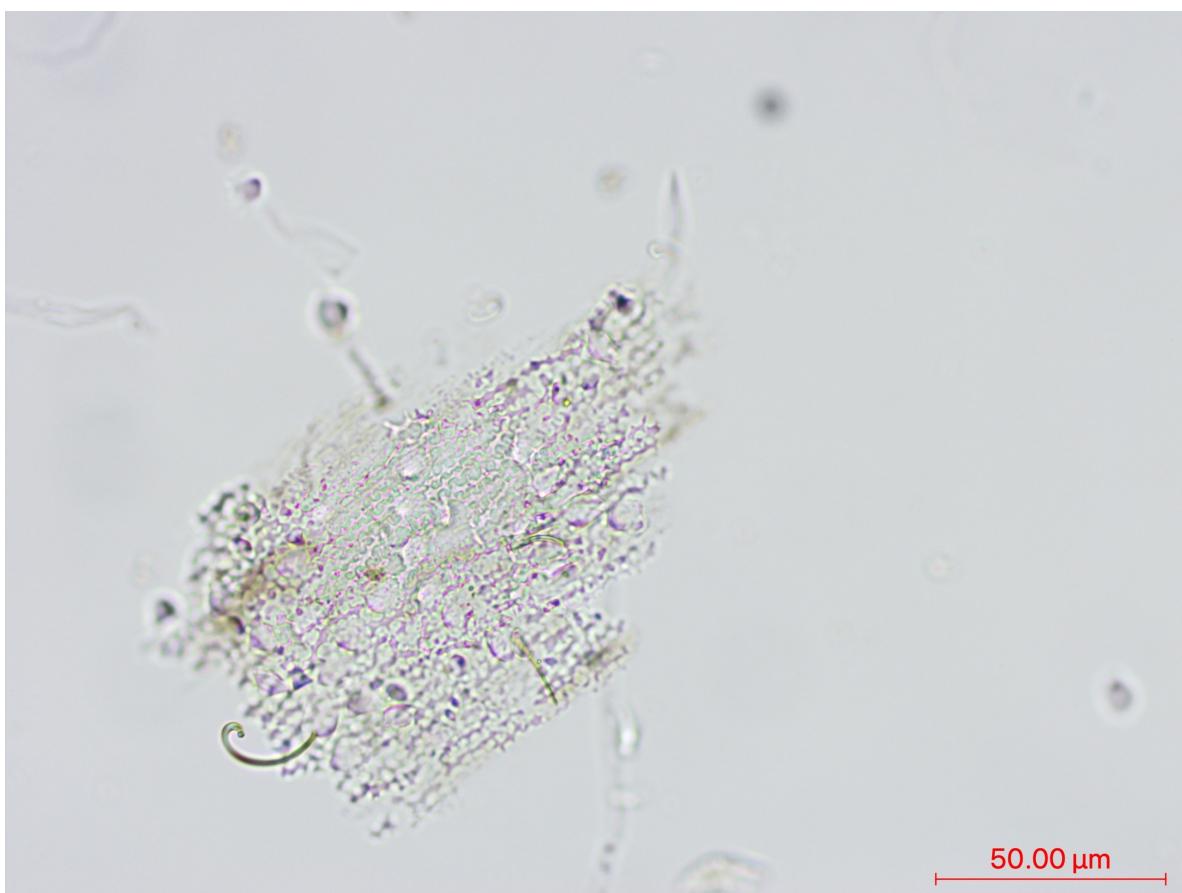
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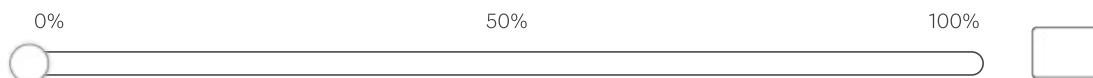
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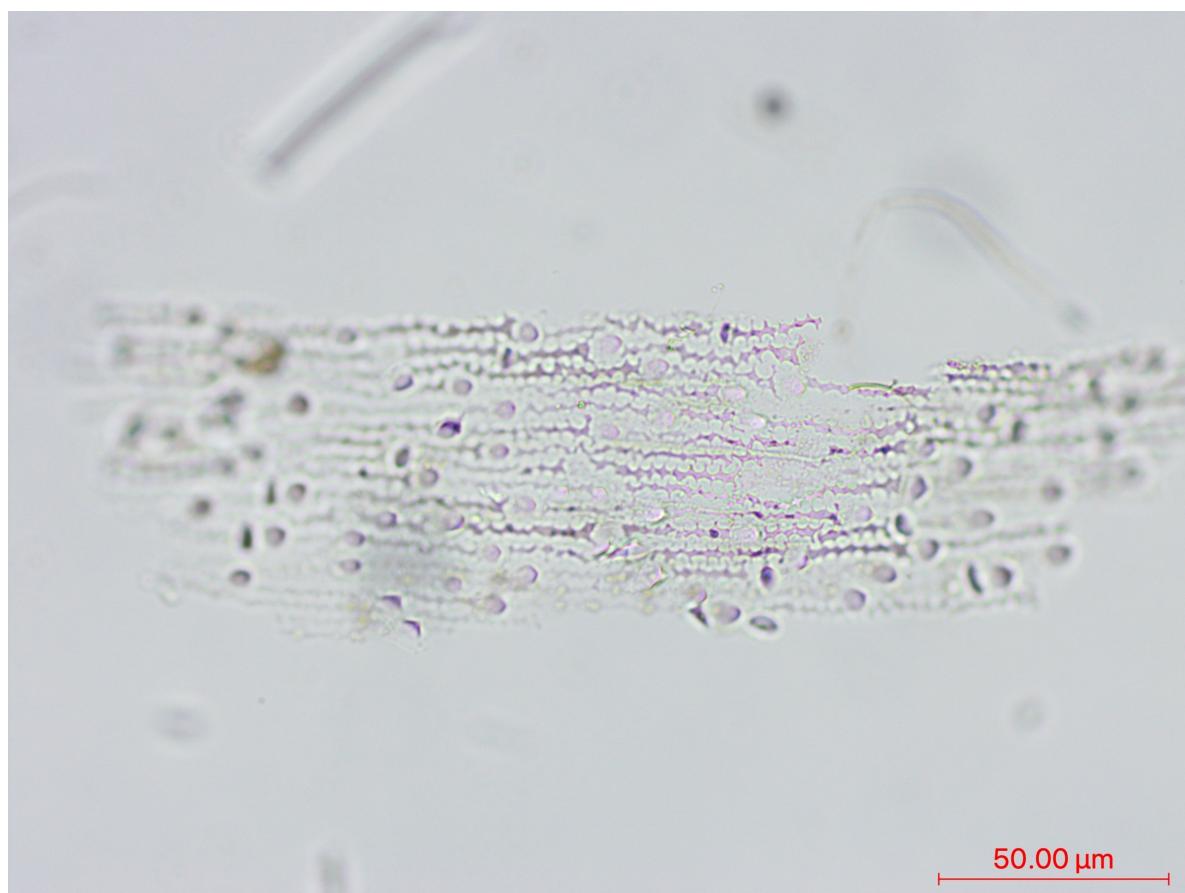
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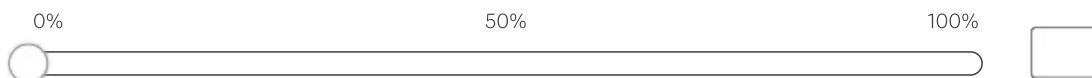
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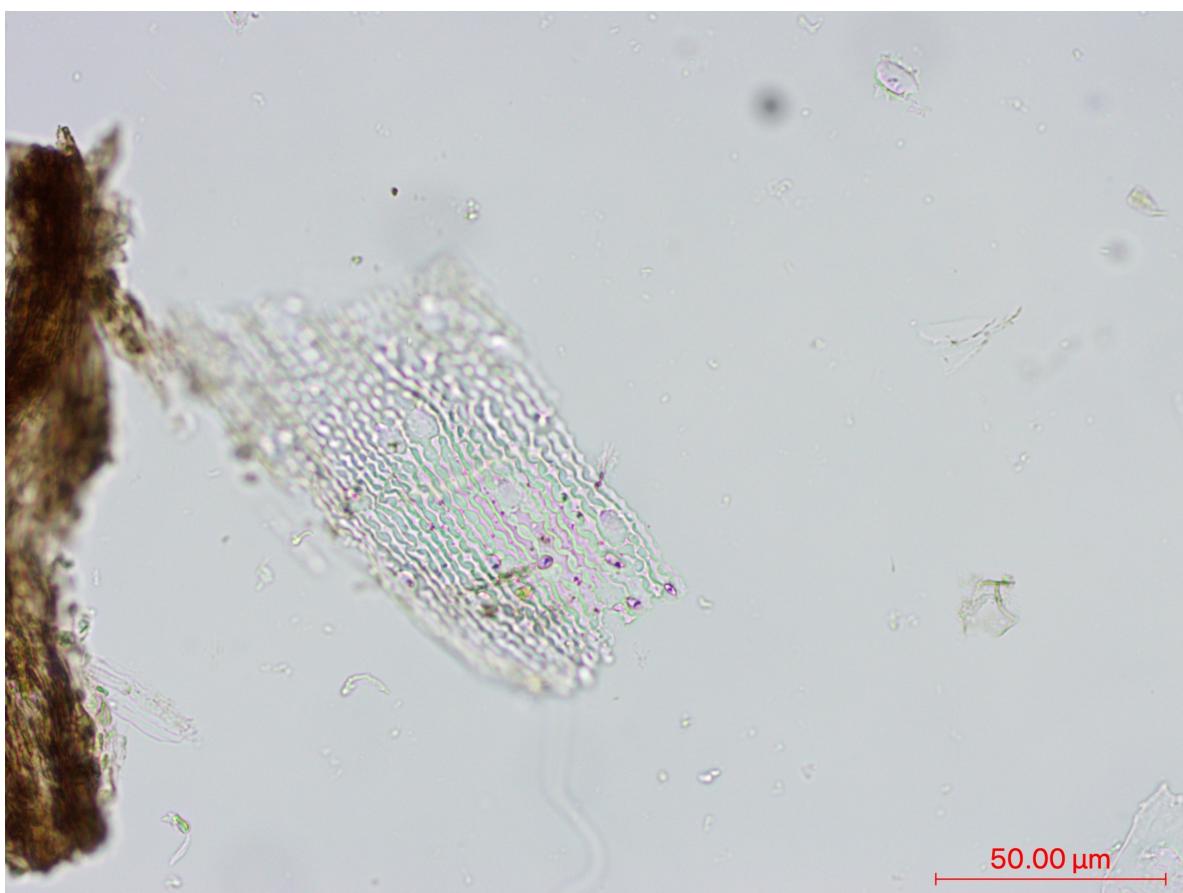
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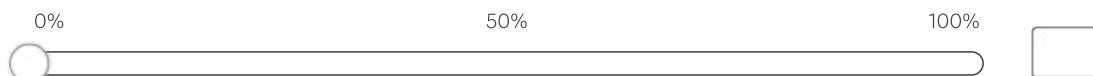
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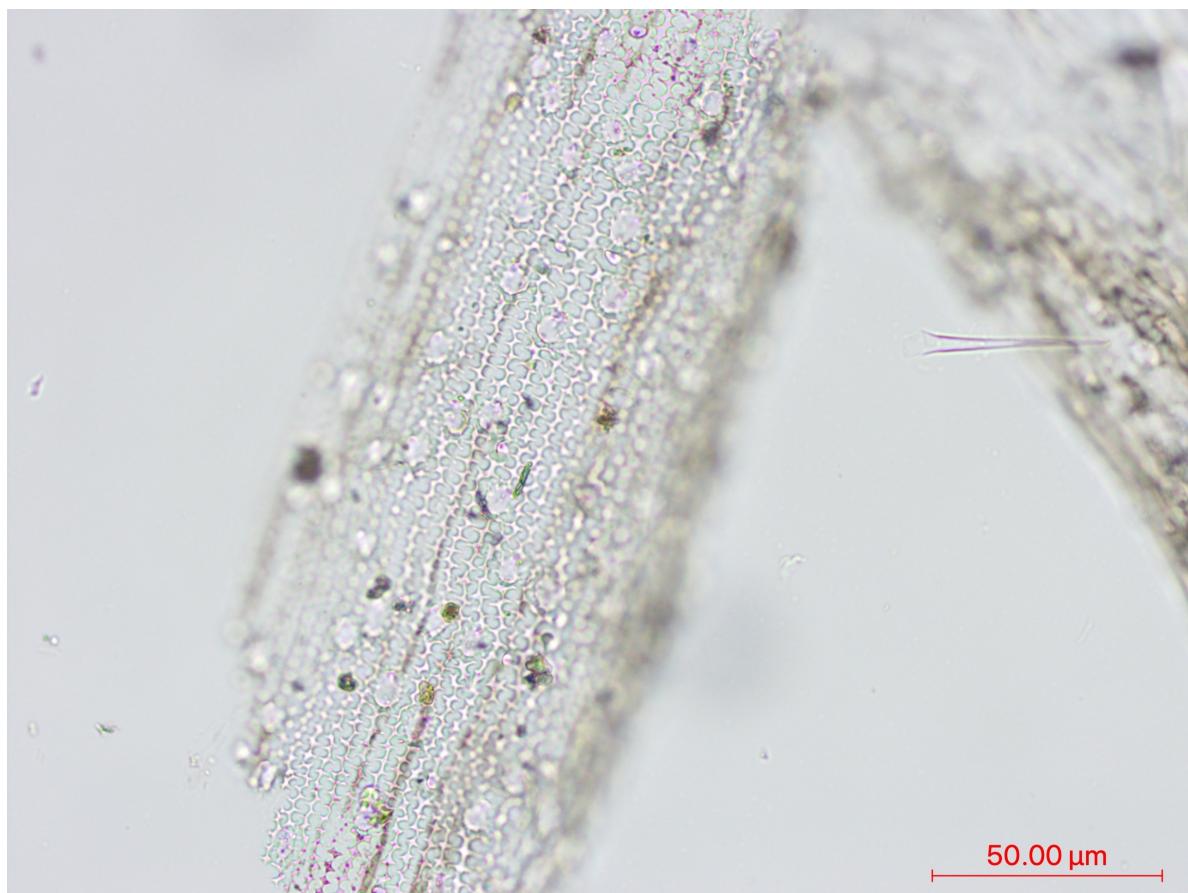
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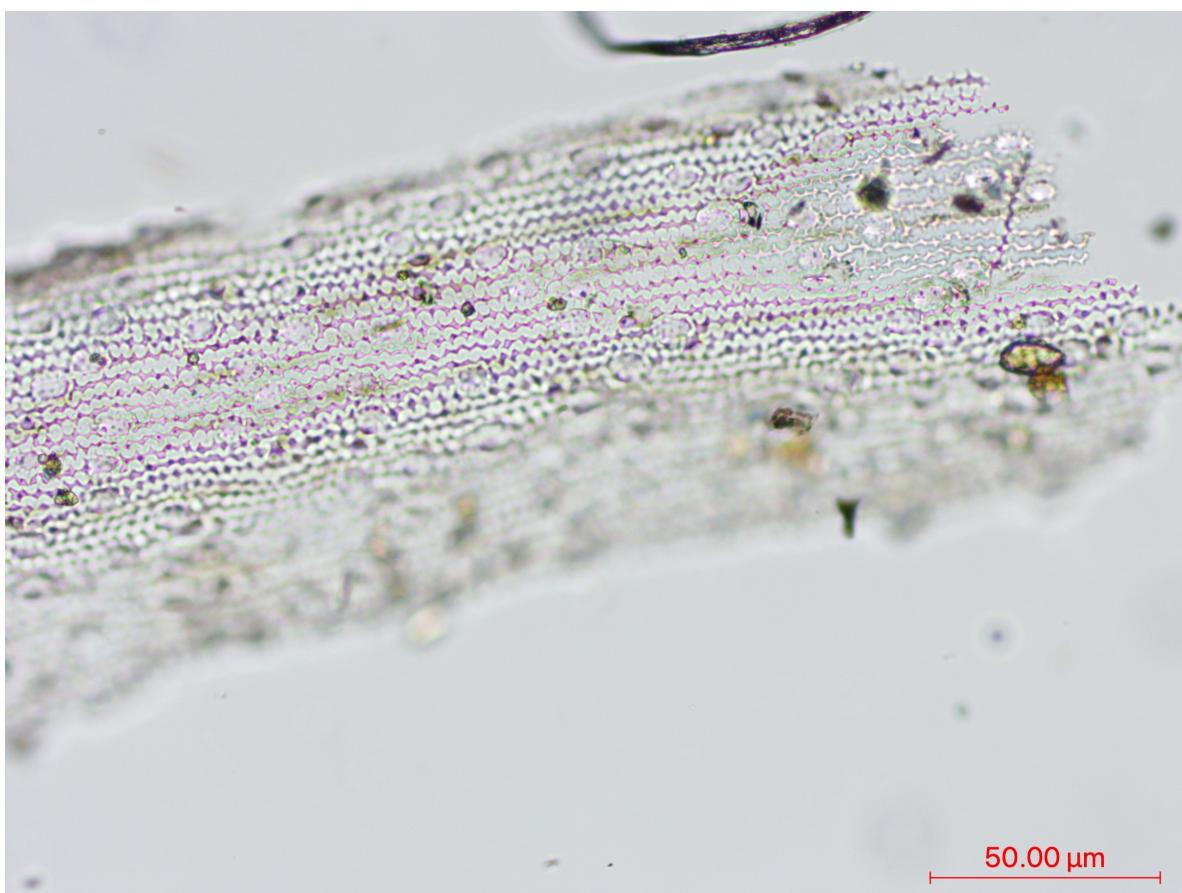
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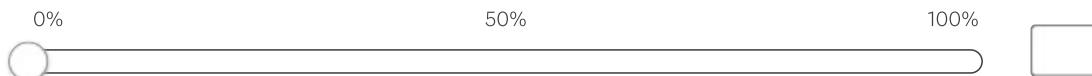
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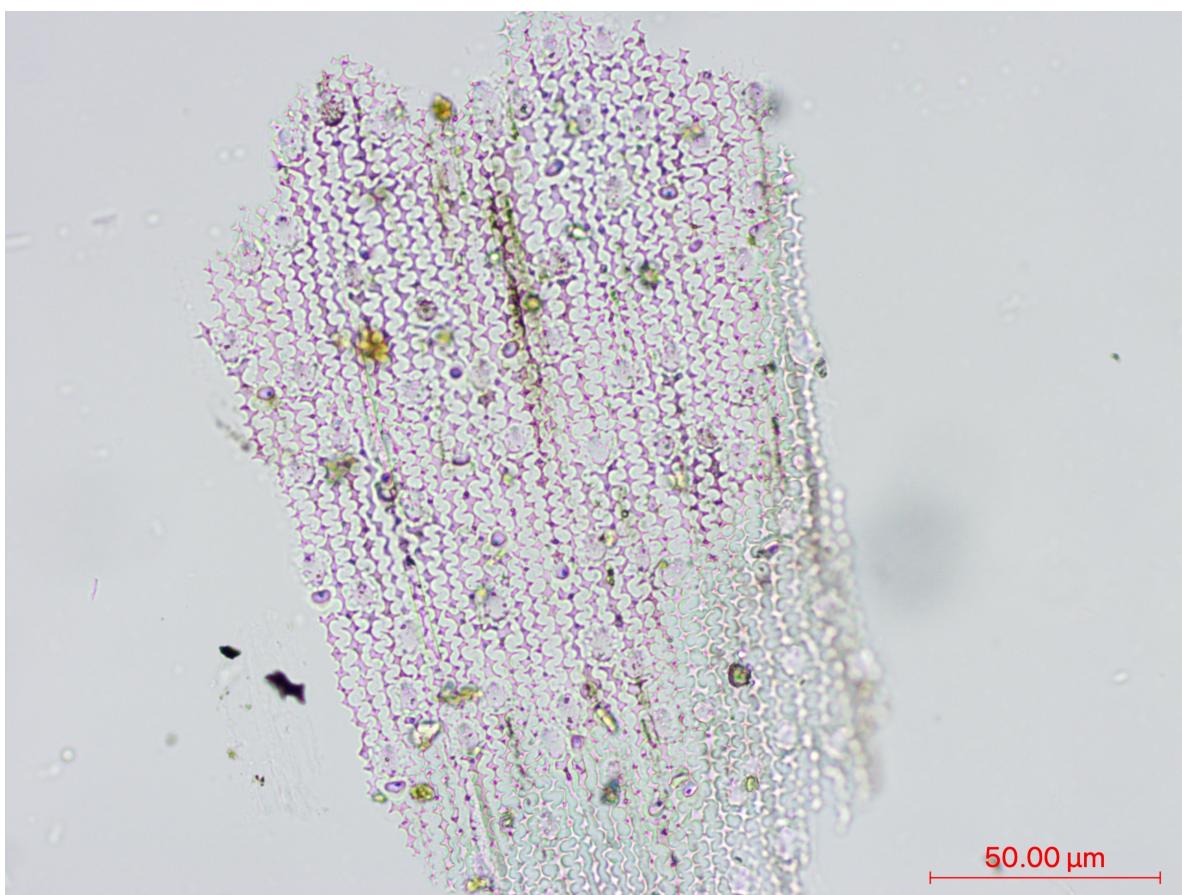
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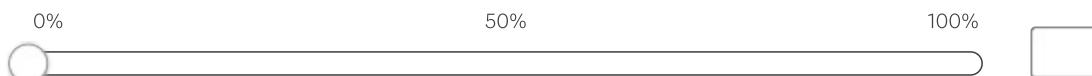
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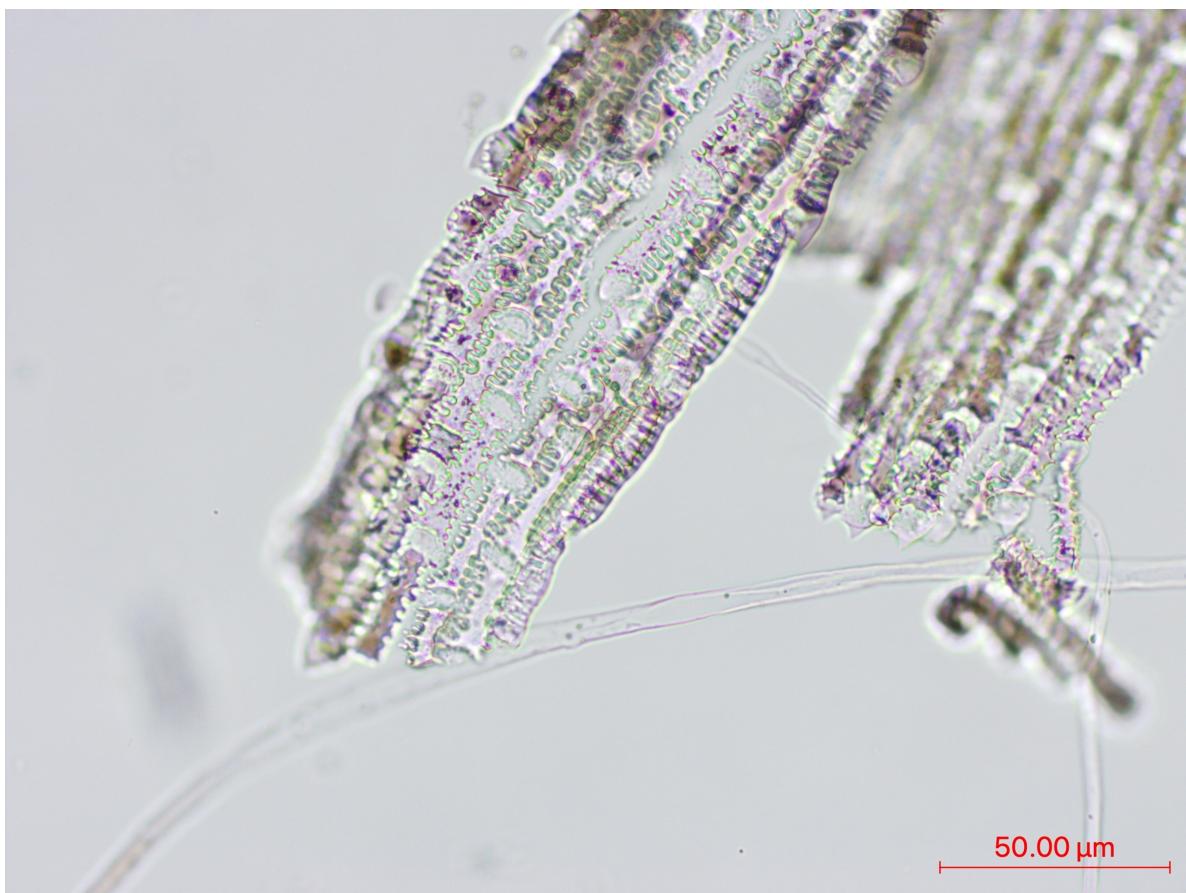
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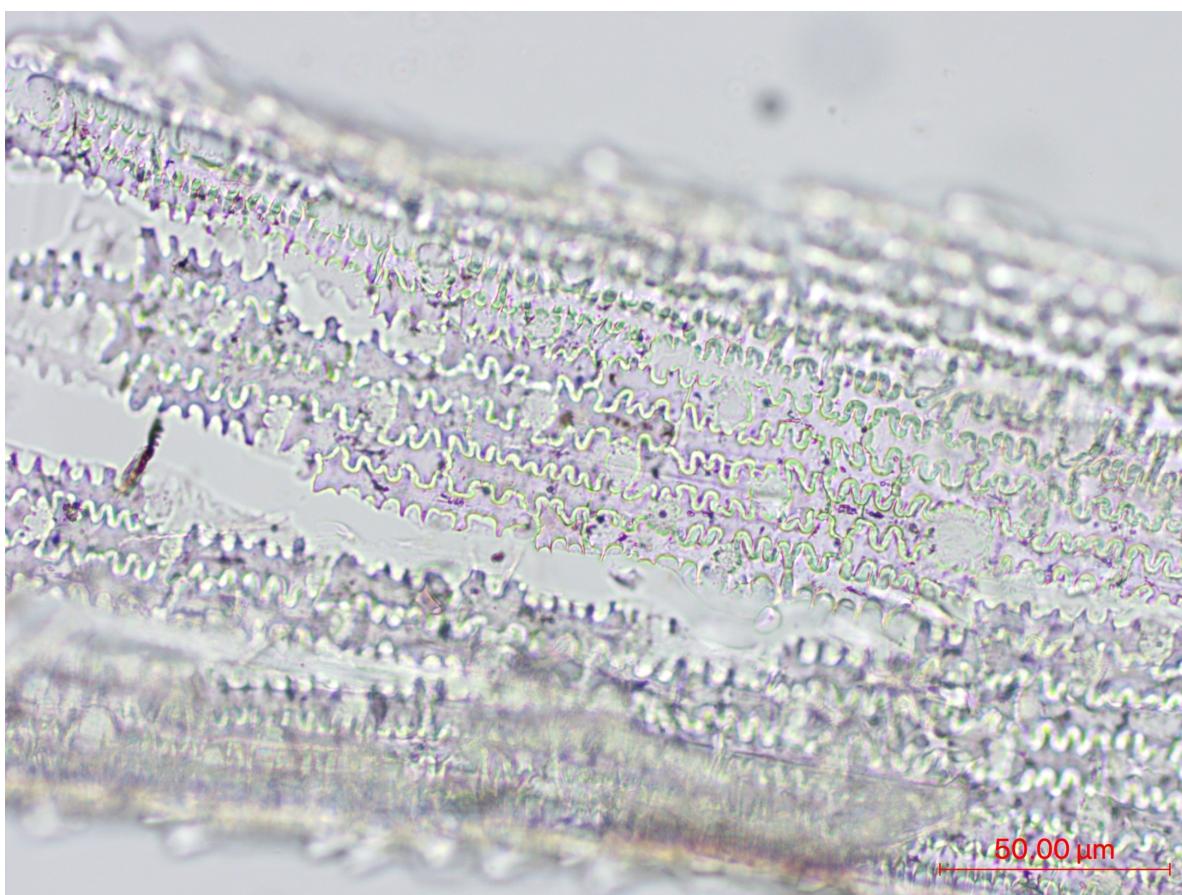
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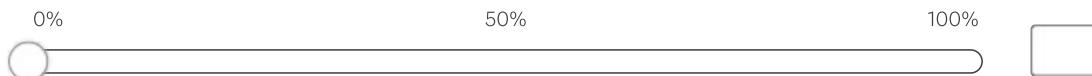
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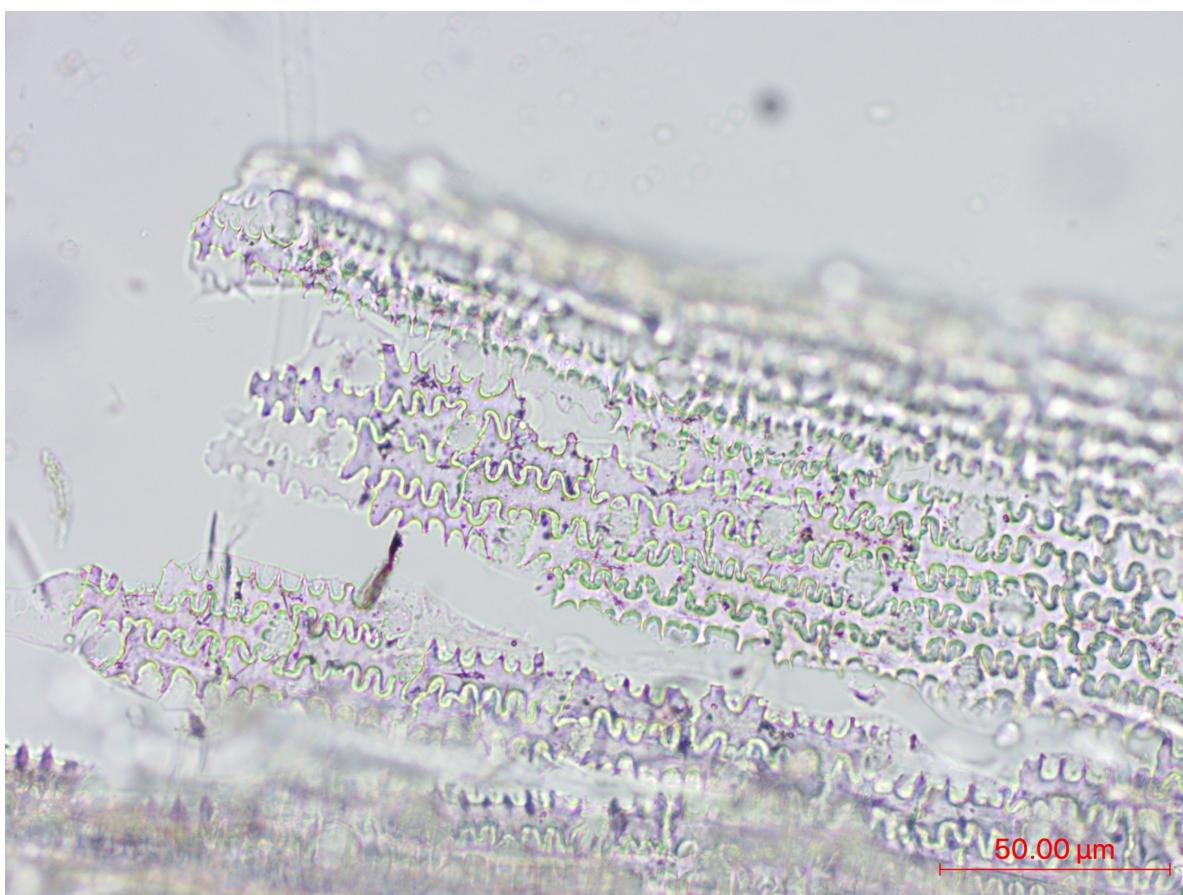
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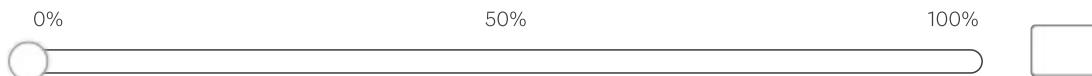
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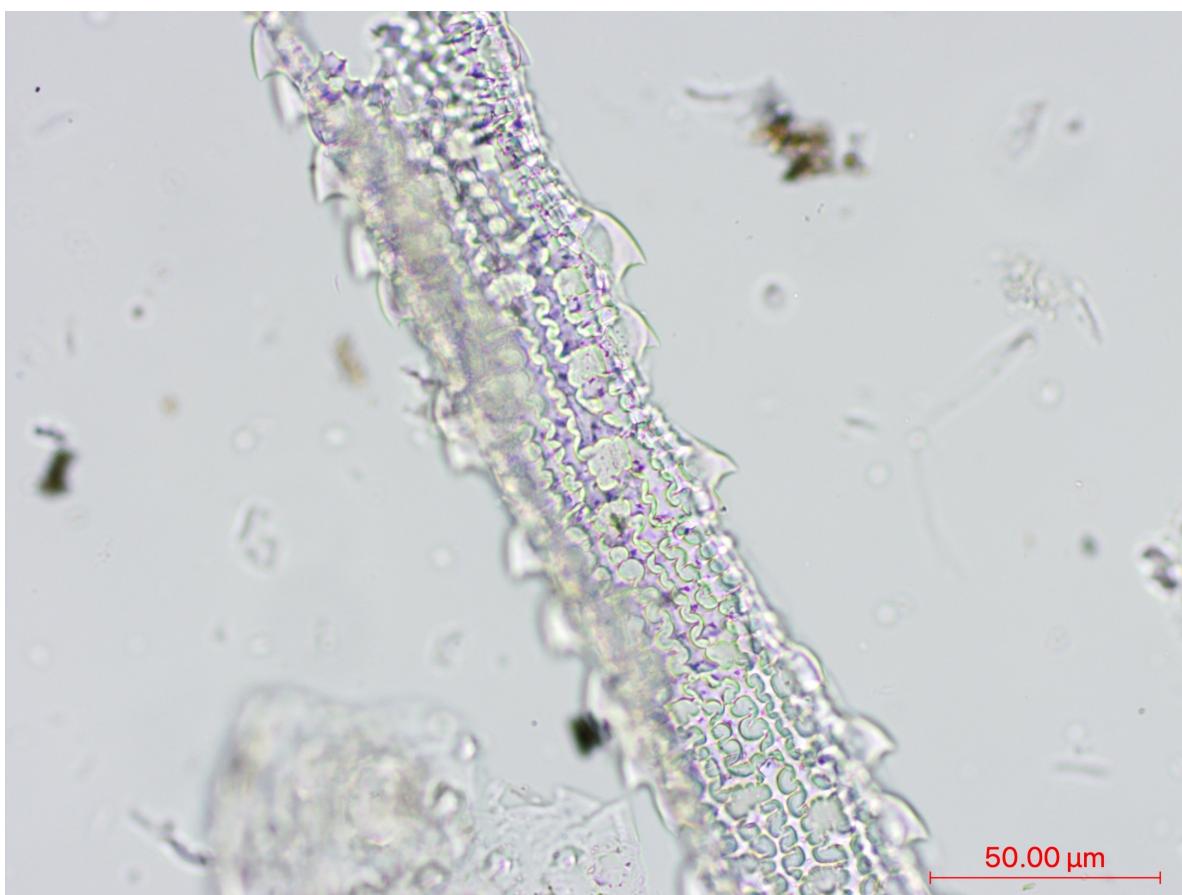
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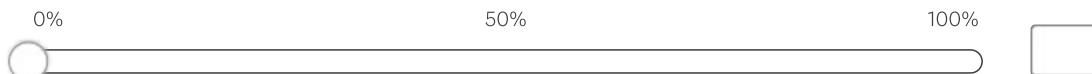
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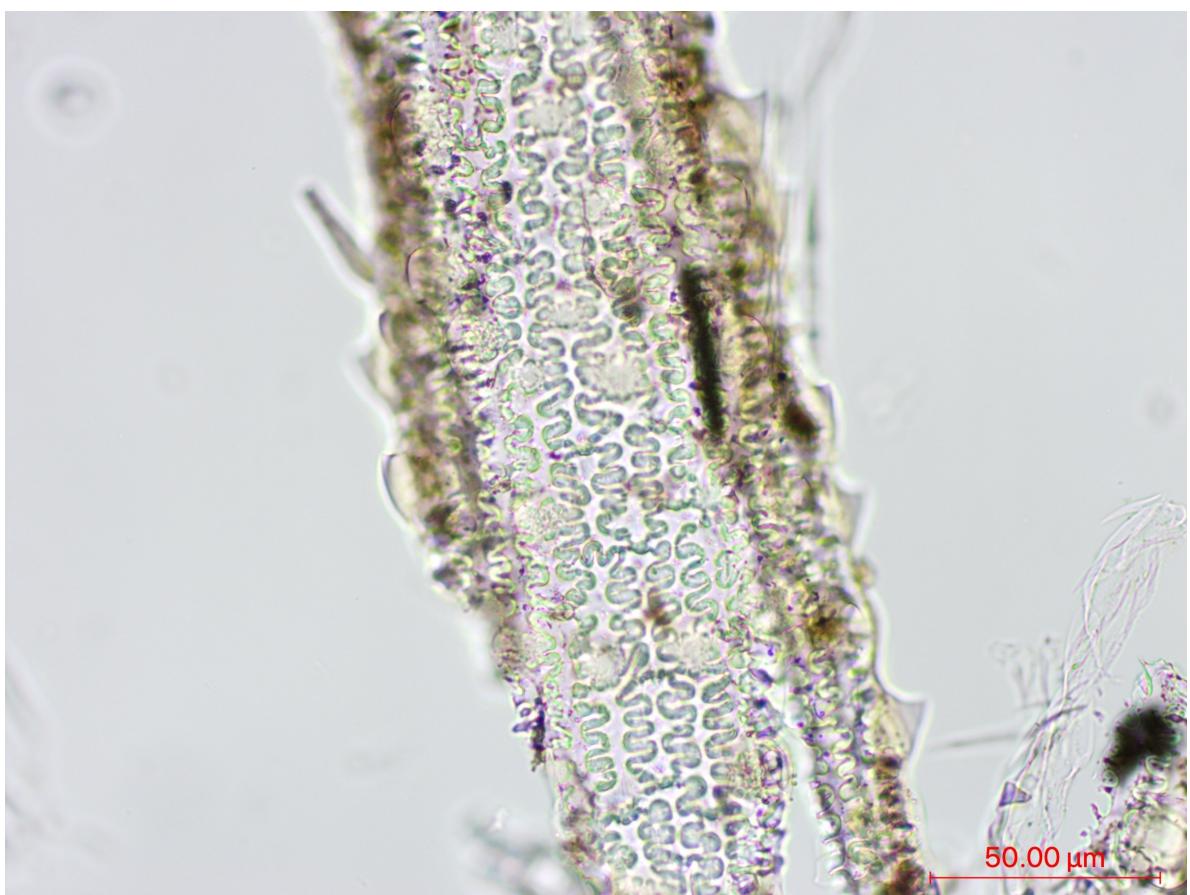
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