

CORRECTION

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Correction: The rapid-tome, a 3D-printed microtome, and an updated hand-sectioning method for high-quality plant sectioning

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Correction: *Plant Methods* (2023) 19:12
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The author of the original article [1] would like to include two supplementary files as mentioned below.

- 1) A new 3D print.stl file, “Rapid-Tome Sled Thick Washer Compatible_New.stl”. This file is for the sliding piece that holds the blade for the RapidTome. It makes two small adjustments to the previous “Rapid-Tome Sled.stl” file.
 - The first is to slightly reduce the size of the lower part of the sled so that the sled does not make contact with the handle of the Rapid-Tome during the sectioning motion.
 - The second is to make the part of the sled that holds the blade slightly thinner. This change accommodates a thicker washer that surrounds the sample

opening and upon which the blade slides, as the generally available washers (such as through Amazon) seem to be a few millimeters thicker than the one which we designed the Rapid-Tome for.

- 2) A video that demonstrates the assembly of the Rapid-Tome after printing.

Notes: In addition, our interactions with readers and our own experience lead us to point out two of the non-printed components that seem to be particularly important for users to assemble and use their own device.

- Please note that PTFE coated blades, frequently changed out, seem to be especially important for thin sections.
- Please pay particular attention to the firmness of the foam tape piece used to hold the blade. Low-density, easily compressed foam will NOT hold the blade firmly enough. Please use high density, or “closed cell” PVC “foam” or “sponge” tape. Tape dimensions should be ¼ in. thick X 1/2 in. wide (or 6.4 mm X 13 cm). You will cut a piece that fits along the bottom of the “clamp.”

The original article can be found online at <https://doi.org/10.1186/s13007-023-00986-3>.

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Supplementary Information

The online version contains supplementary material available at <https://doi.org/10.1186/s13007-024-01164-9>.

Additional file 1. Rapid-Tome Sled.stl.

Additional file 2. RapidTome assembly video.

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Reference

1. Thomas DJ, Rainbow J, Bartley LE. The rapid-tome, a 3D-printed microtome, and an updated hand-sectioning method for high-quality plant sectioning. *Plant Methods*. 2023;19(1):12. <https://doi.org/10.1186/s13007-023-00986-3>.

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