



Justin Ngo [REDACTED]

More dendro lab setup queries!

Pederson, Neil [REDACTED]

14 July 2023 at 08:46

To: [REDACTED]

Cc: "Smith, Laura Gayle" [REDACTED] Justin Ngo [REDACTED]

Hi Lizzie and Justin,

Laura is off today and we will be going on a research trip Monday. Hopefully Laura will have the time to share her document. Mine is a bit out of date.

Per the questions I can help with:

b) If you were putting together a list, would you get one of these?

<https://www.amazon.com/Japanese-Block-Carenters-Double-Senkichi/dp/B0026FBGR8/>

It is likely worth experimenting with, especially for \$12! Jan Altman and his group made a presentation on sample prep and diffuse porous species. He didn't compare hand sanding, but as we saw the various approaches tried - microtome, staining, digital manipulation/enhancement, etc., we concluded sanding with a belt and orbital sander and, in cases, by hand still looks superior. Unfun and not glorious, it makes the best surfaces. Laura has perfected sanding the worst species in our collections so far and it is simply elbow grease. Not much glamor there by most modern scientific standards.

c) Any advice on what sort of microscope to get?

Attached are quotes for the two types of main microscopes in our lab. Both are more than enough.

d) Could you tell me where you got the chuck for your increment borer? I remember it being a special Japanese place, perhaps? A

Contact these folks: <https://sites.google.com/site/smartborer/>

Reach out to Akira: <http://cse.ffpri.affrc.go.jp/akagawa/>

e) Also, drill recommendations welcome!

This one: <https://twitter.com/YellowBuckeye/status/1537444332596211712>

f) Any opinions on Skippy?

<https://www.wsl.ch/de/metanavigation/services-und-produkte/forschungsinstrumente/skippy.html>

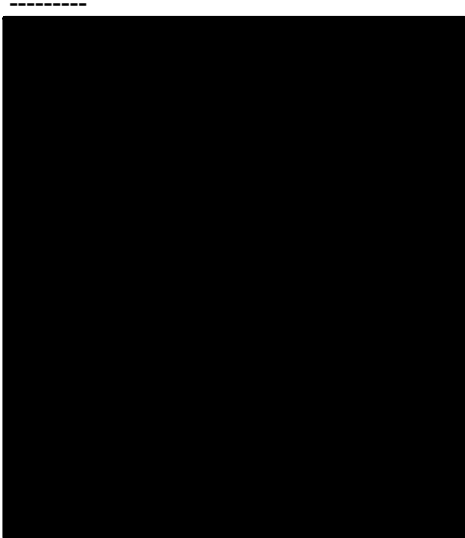
I would love a better name.....you saw ours, yeah? DIY. Less than \$3k minus the digital 35 mm camera?

7/18/23, 10:20 PM

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I've noticed a lot of money spent on equipment that I haven't needed to do yet. Of course, I do not do micro anatomy yet.

Neil



2 attachments



EKU-Pederson-Nikon-SMZ800-Imaging-JULYQ1384.PDF
32K



HarvardForestMicroscopeQuote.pdf
11K