

Digitization info from the INHS (Illinois Natural History Survey)

I wanted to offer our setup details for those that may be interested

- We use two of this model light: NEEWER CN-216 216PCS LED <http://amzn.com/B00FJ0RGD0>
- This AC adapter is ideal to get instead of relying on battery: Neewer CN-AC2 DC 7.5V 2A Switching Power Supply <http://amzn.com/B00K7146RU>
- We use these arms for holding the lights: Dinkum Systems FlexiMount (model 3013) <http://amzn.com/B008XCQNHG>
- You could also consider getting a cheap gooseneck LED light from Amscope like this one to help illuminate specific areas in a more targeted fashion. We intend to get one for this purpose (especially when using things like the MPE-65mm lens: AmScope LED-6W Powerful 6 Watt LED Dual Gooseneck Lights <http://amzn.com/B007LBELH4>
- For focus stacking: Cognysis Stackshot system for focus stacking of images <https://www.cognysis-inc.com/products/stackshot/stackshot.php>
 - We do not use the extended rail version, and I have no experience yet with their new 3D imaging system (but I'd love to hear reviews!)
- Here is the copy stand we use: Kaiser RS1 Copy Stand http://www.bhphotovideo.com/c/product/93109-REG/Kaiser_205510_Copy_Stand_RS_1.html
 - Please note: Ours came with the standard arm to attach your camera to (or the Cognysis Stackshot system), but it caused the camera to stick out over the base board of the copy stand! We ended up having to purchase a 1.2" connector arm http://www.bhphotovideo.com/c/product/93104-REG/Kaiser_205523_RA_101_Camera_Arm.html
- We did purchase these lights (RB300) for the R1 Copy Stand, but please note they are approx. 350 degrees Fahrenheit!! I intend to convert ours to LED if I can find the right bulb to fit. This is why we went with the LED light panels I listed at the top of this page http://www.bhphotovideo.com/c/product/93121-REG/Kaiser_205552_RB_300_Copy_Light.html
- Another alternative is to buy small brood lamps (for raising poultry) and use good quality LED bulbs in them. I did this for a while until we found the LED panels listed above
- We use Helicon Remote / Helicon Focus Pro package which is 4 licenses for \$200 <http://www.heliconsoft.com/helicon-focus-licenses-paypro/>
 - This is an alternative to stacking in Photoshop, Zerene stacker, etc.
- We use these scale bars. They make a GREAT black/white/gray balance when shooting your images. The paper color correction cards we tried were not very good and I didn't like the inaccuracy in color correction that would happen if I happened to use the eye dropper in photoshop on a spot that didn't have color on it since they were printed on cardstock (basically accidentally grabbing the paper color instead of the color dot). <http://stores.crimetech.net/abfo-no-2-photo-scale-metric/>

If anyone would like further info from me please don't hesitate to contact me thomasmj@illinois.edu

I will eventually share my workflow on the wiki page, but I haven't typed it up yet.