Gil Nelson: (9/22/2015 14:00)
https://ufl.qualtrics.com/SE/?SID=SV_eVdFbJcANzcZTAp
  Dave Blackburn: (15:28) What, if any, institution is doing high-fidelity 3D images for amphibians and reptiles as part of digitization initiatives?
  Kamal Khidas: (15:30) we are conyemplating using the Next  Engine 3D (http://www.nextengine.com/) to get 3D images of vertebrate specimens at the Canadian Museunm of Nature, Ottawa. Any thoughts?
  Dave Blackburn: (15:30) it depends on what you want to do. there are some scanners that would, for example, be probably ok for turtles
  Dave Blackburn: (15:30) Kamil that is just about I was going to show
  Dave Blackburn: (15:31) We also started doing this while I was at CAS, and we will start doing it at UF:
http://www.calacademy.org/scientists/projects/digital-imaging-and-morphology-reptiles-and-amphibians
  Dave Blackburn: (15:31) You can get a NextEngine for ~$3k I think
  Kamal Khidas: (15:32) I"m not sure about the desired resolution we must reach. Also, my wish s toi allow people take precise mesurements from the D image that will be posted on the web.
  Emily Braker: (15:34) do you think a workflow that had staff take standard views using an image stacking system would help with positive IDs (ability to zoom in on diagnostic features)?
  Dave Blackburn: (15:34) yes
  Dave Blackburn: (15:34) 3D scanning using CT and probably laser scanning for turtles and cros
  Kamal Khidas: (15:37) for mammal skulls, yes. dorsal, ventral and left side views.
  Charles Peterson: (15:40) The PARC Inventory and Monitoring manual has a table of views needed for identifying US amphibians and reptiles from photo vouchers
  Tom Giermakowski: (15:41) Thanks for pointing that out Chuck! Here's the link: http://www.parcplace.org/parcplace/publications/inventory-and-monitoring-guide.html
  Dave Blackburn: (15:43) The bigger question is WHY these are being imaged. Is it only for identification? If so, given the extent of staff time that it takes to image samples, you might be better off simply paying for  a knowledgeable expert visit
  Dave Blackburn: (15:43) sure, similar to what happens in iNaturalist
  Kamal Khidas: (15:44) nothing is worth more than an expert visit to a museum
  Dave Blackburn: (15:46) +1!
  Dave Blackburn: (15:46) This is why we are choosing to focus on 3D images
  Dave Blackburn: (15:46) Yes
  Dave Blackburn: (15:46) but think about it as the impact that GenBank has
  Dave Blackburn: (15:47) those specimens can be used and reused so many times for research by pushing out those 3D volumes
  Gil Nelson: (15:48) https://ufl.qualtrics.com/SE/?SID=SV_eVdFbJcANzcZTAp
  Laura Abraczinskas: (15:48) Thank you very much!
  Kamal Khidas: (15:49) thanks
  Greg WC: (15:49) Thanks!
  Charles Peterson: (15:49) Thank you.
  Nicholas Barbieri: (15:49) Thank you!
  Stéphanie Tessier: (15:49) Thank you.
  Emily Braker: (15:49) Thank you!
  Jackson: (15:49) Thanks!
  Greg WC: (15:50) Bye Chris!