Jacob 2/10

* Rheas, tinamous
  + Edge analyses might assign SA tinamous, Australian Cassowaries; Gondwanan Rheas+tinamous
  + Post-hoc classification of clades (e.g. Tinamous=SAmerican?)
  + Flightless birds – crisp biogeography
  + Sensitivity to species classification?
    - Ancestral state reconstruction & node contrasts might improve
* A lot of weight to shallow radiations & hyper-diverse clades
* Dm\_comp
  + Sterna|sakesphorus
    - Basal-to-passerines | passerines
* Dm
  + Rhynacornis|Vermivora
    - Vermivora includes new-world (classically NAmerican) warblers
    - On OneZoom, this should be
      * 48mya: rockjumpers all Gondwanan (African
      * 47.3 Australian Robins
      * 45.6 Tits, chickadees old world warblers (Laurasian esp. Eurasian)
      * 45.1 Goldcrests, kinglets mostly Eurasian /old-world (Laurasian, mostly Eurasian) w/ New-world branch of wrens & gnatcatchers. Starlings etc. have lots of secondary colonization of Africa
      * 41.4
  + Event 3, lineage 1
    - Junco etc. – Samerican; Weavers & Waxbills = African
      * Sparrows & Snowtails – more African than SAmerican
      * Wagtails & pipits African +Asian w/ some SAmerica thrown in
      * Substantially SAmerican from extremely African group
        + Cardinals and whatnot become more Central/NAmerican
* Socolar algo:
  + Average continental associations for every tip basal of a node
  + E.g. Ostrich+emus,cassowaries,rheas is 50% African (roughly weighted-average by phylogenetic novelty?) – let node’s value be the average of its descendant node values.
  + The same, but w/ phylogenetic distances? How do we WXV’ for ancestral state reconstruction?
  + 45.6 mya split – Gondwanan lineages (the big split to ID)