MID-ATLANTIC MEGALOPOLIS
MAM PROJECT OVERVIEW

- 700,000 herbarium specimens, vascular plants, from Mid-Atlantic (NY to DC)
- 11 institutions
  - 8 digitizing: HUDC, DOV, BALT, MARY, CHRB, NY, PH, MOAR
  - + TAWES, SIM, MCA
- effects of urbanization on flora – largest & oldest urban corridor in the US
Symbiota (SEINet d.b.)

- “live” collections, except NY
  - portal (midatlanticherbarbia.org) & collections built
  - contributed data: ~30,000 records PH, ~21,000 NY
  - new data: ~7,000 images for MOAR

- images archived (dngs) and served from PH
  - metadata harvesting & processing scripts complete
  - 72 TB SAN storage array + 2 servers purchased

- data published as DwC-A to iDigBio
RESEARCH USES OF DATA

- urban research initiatives at Rutgers, co-PIs Aronson & Struwe
  - UrBioNet (NSF RCN)
  - 3rd year methods workshop
- undergraduate course use
TCN MANAGEMENT & SUSTAINABILITY

- **Project Coordinator**
  - interviews held

- ‘single’ workflow
  - hands-on Training Workshop Sep 2016

- advantage of proximity

- tying into regional botanical efforts
  - 1st PEN application – PAC

- data sustainability
  - lifetime upgrades & data migration for PH array/servers
  - Symbiota
LESSONS LEARNED SO FAR...

- increasing efficiency – every little bit counts
  - barcoding/stamping simultaneously
  - utilizing duplicate collecting events in transcription
- dedicated volunteers rock, but maybe not social?
THANK YOU!