

# Non-molluscan Invertebrates Collection

@ North Carolina Museum of Natural Sciences (NCMNS/NCMNS)

Curator: Dr. Bronwyn W. Williams ([@BWWilliamsLab](#))

**Collections Manager: Megan I. McCuller ([@mccullermi](#))**

# NCMNS



## Organization

- ~1 million annual on-site visitation
- ~\$17M annual operating budget
- ~150 FTEs
- >80,000 hours of volunteer service annually

## Research & Collections Section

- 15 units
- 11 separate “Research Collections”, housing (collectively) >4 million specimens
- 10 collections-based Research Curators
- 8 Collections Managers

# Non-molluscan Invertebrates (NMI) Unit & Collection

- Prev. “Crustacean” collection → NMI
- Non-marine Holdings
  - >30,000 lots
  - FW: crayfish, branchiobdellidans, entocytherid ostracods (significant)
  - Terrestrial: millipedes & centipedes (significant, international)
- Marine Holdings
  - ~10,000-11,000 lots
  - Largely decapod crustaceans
  - Mostly acquisition of historical collections with a geographic focus on the mid-Atlantic
    - Charleston Museum (1855-late 1980s)
    - Duke Marine Lab (mostly '60s-'80s)
    - University of North Carolina Institute of Marine Sciences ('30s-'90s)



# Digitization efforts

- Currently IMLS funds to digitize historical marine collections
  - Pays salary of FT tech, 100% databasing; 3 PT interns, outreach and imaging
- Next up:
  - Chelicerates
  - Associates
- Challenges
  - Time!!! Historical collections in various states and with diff. amounts of data
  - As new(ish) collections manager, learning curve
  - Funding
  - SPACE
- Where we would like to be:
  - Completely databased
  - Imaging for better outreach, interactive models (digital 3d & physical prints)

*Molgula occidentalis*  
NCSM 70826



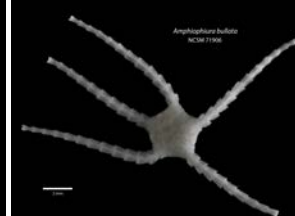
*Pollicipes polymerus*  
NCSM 71798



*Mithraculus forceps*  
NCSM 71906



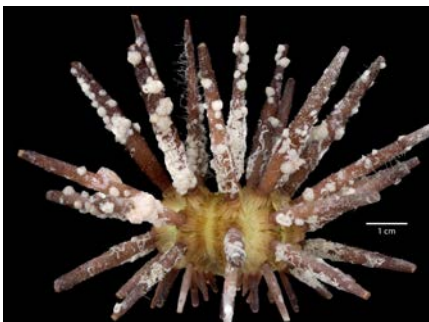
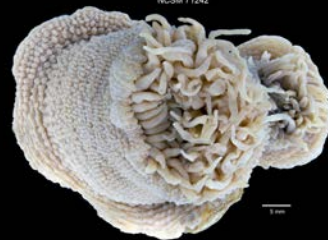
*Caprella penantis*  
NCSM 71097



*Prionospio steenstrupi*  
NCSM 71005



*Bunodosoma cavernatum*  
NCSM 11242

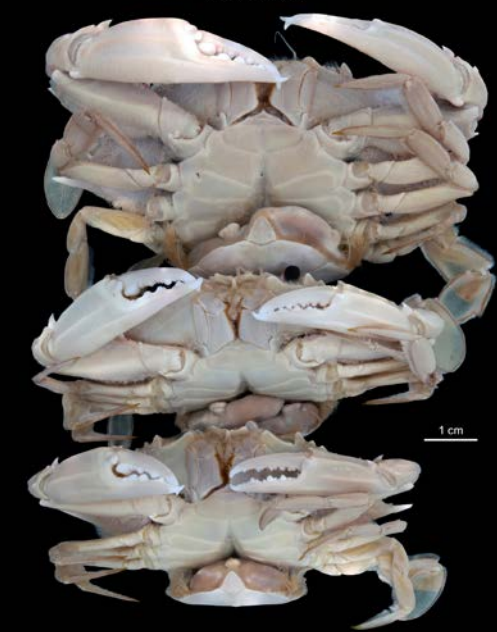


*Eucidaris tribuloides*  
NCSM 71090

*Persephona aquilonaris*  
NCSM 71700



*Callinectes ornatus*  
with rhizocephalan  
NCSM 82415



*Akatopora tincta*  
NCSM 71374



Chaetognatha



*Hyalinoecia tubicola*  
NCSM 70072



*Renilla reniformis*  
NCSM 71263

