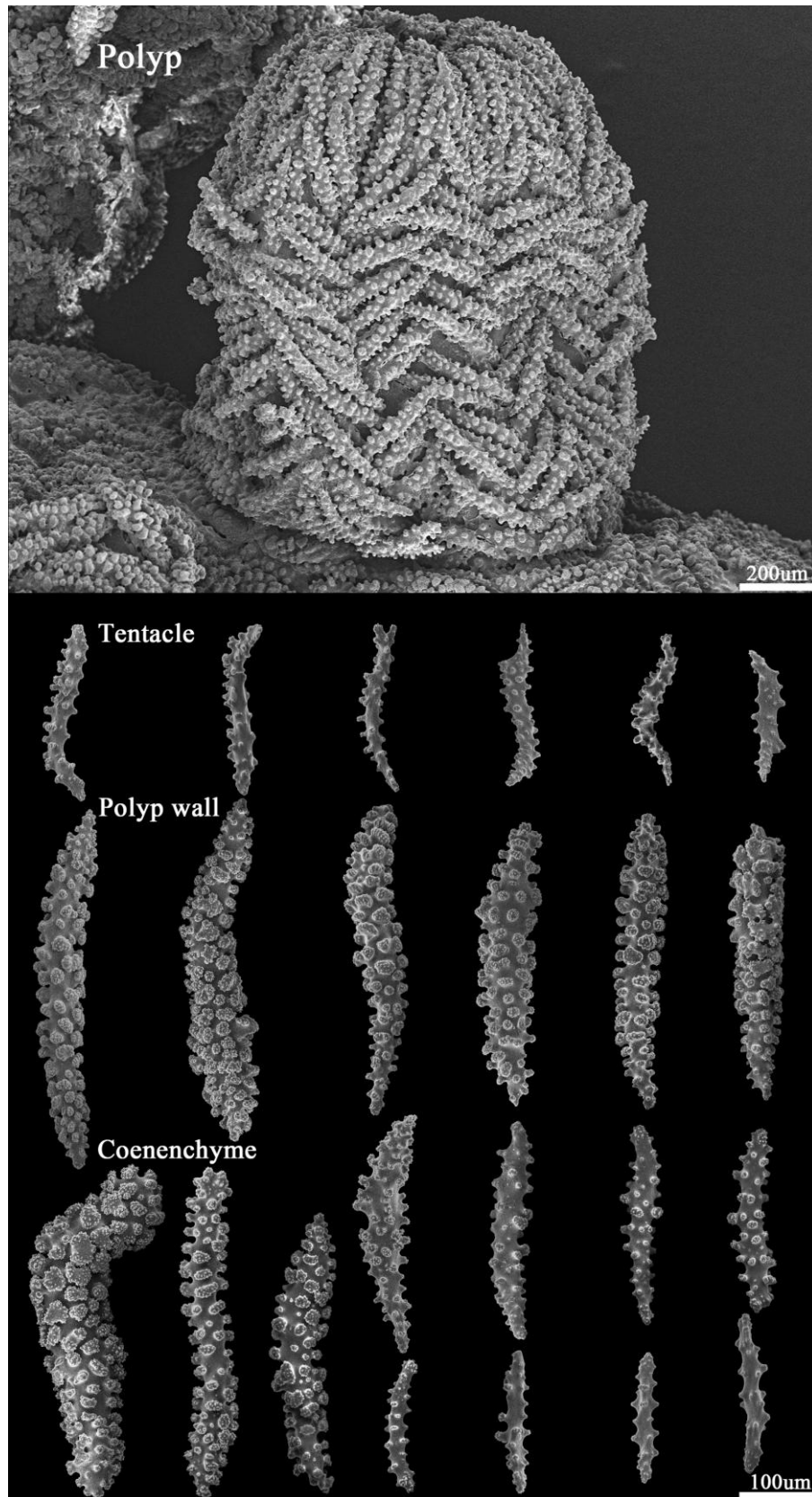
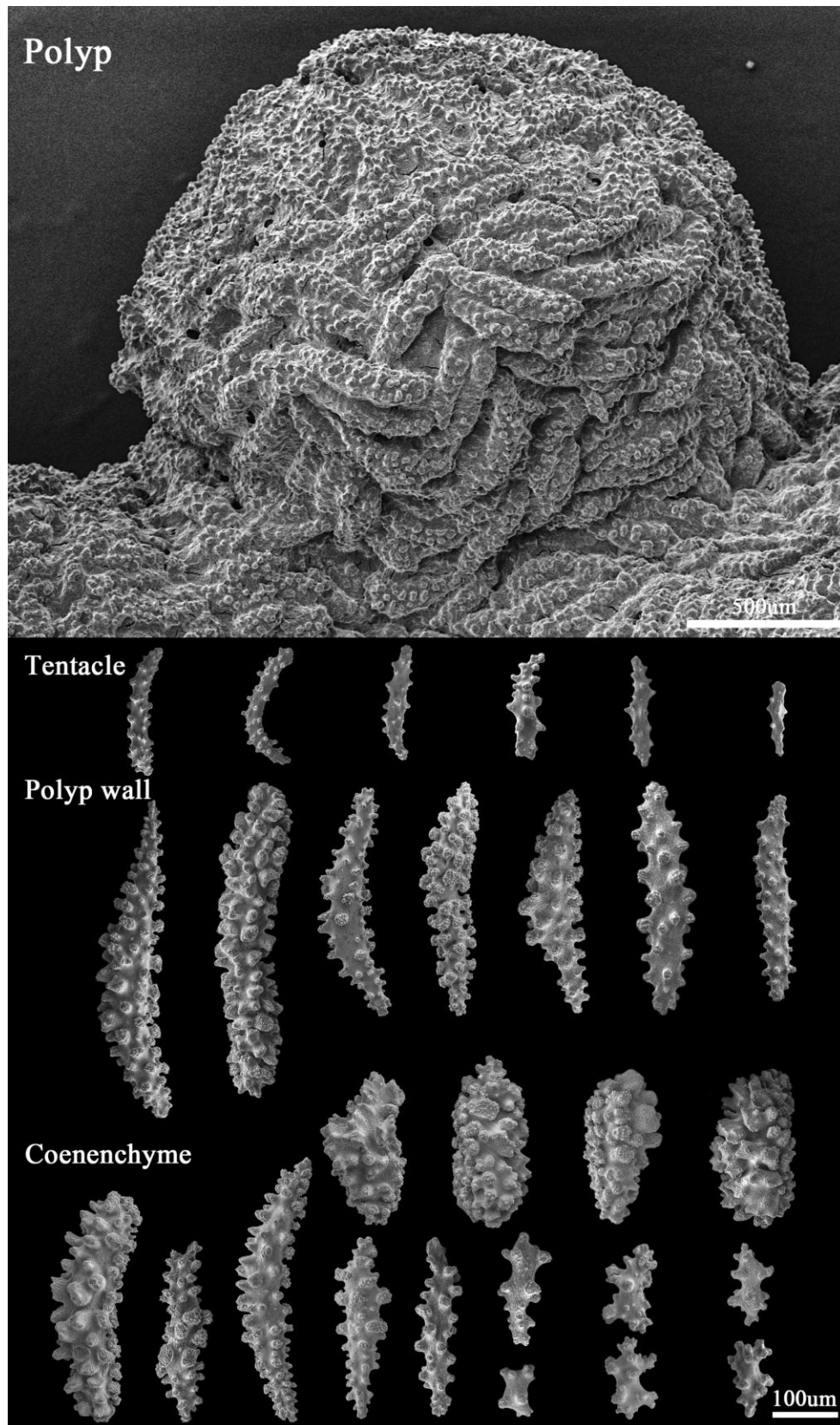


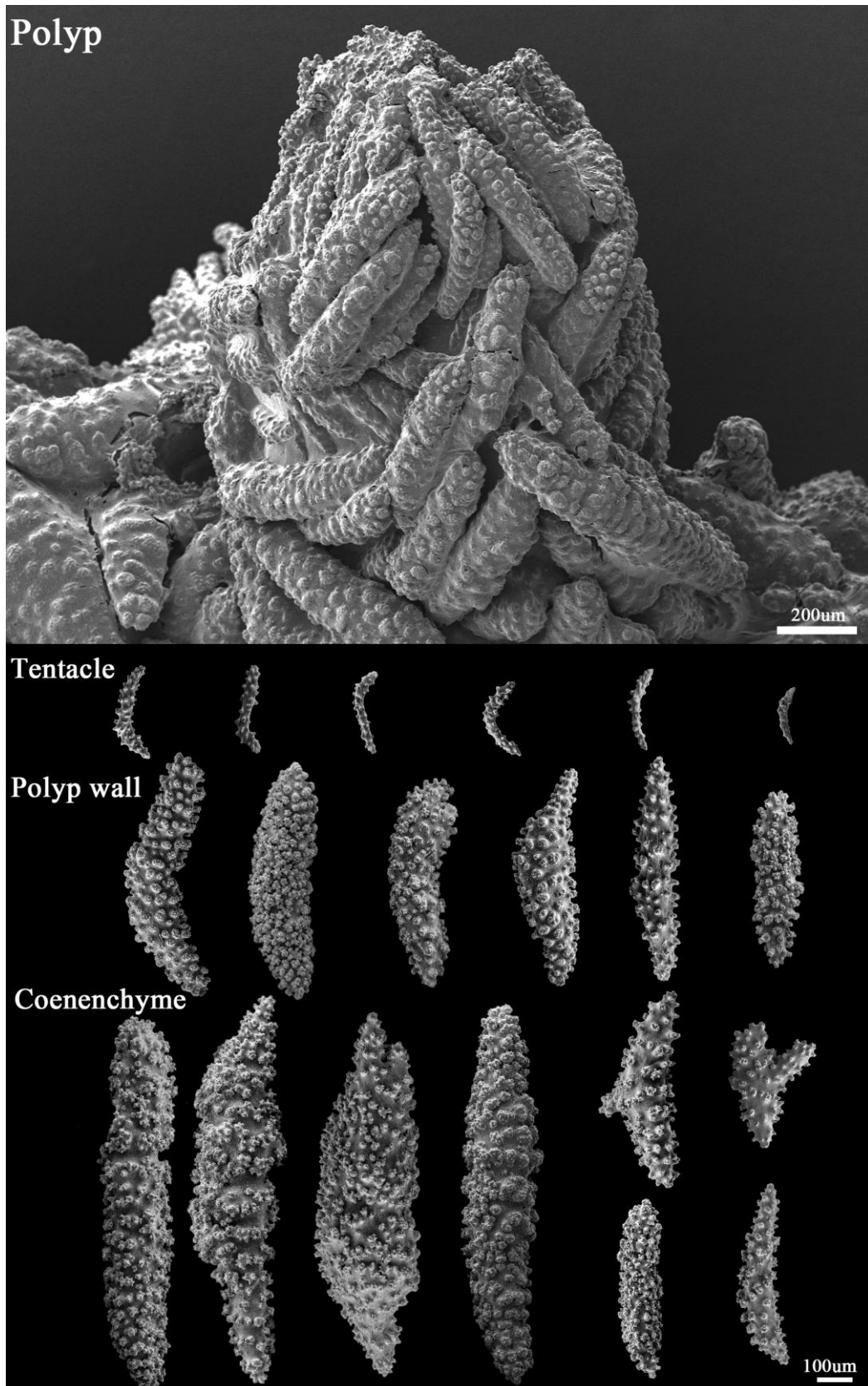
Anthogorgia divaricata (Verrill, 1865) (ST180)



Anthogorgia ochracea Grasshoff, 1999 (NS003)

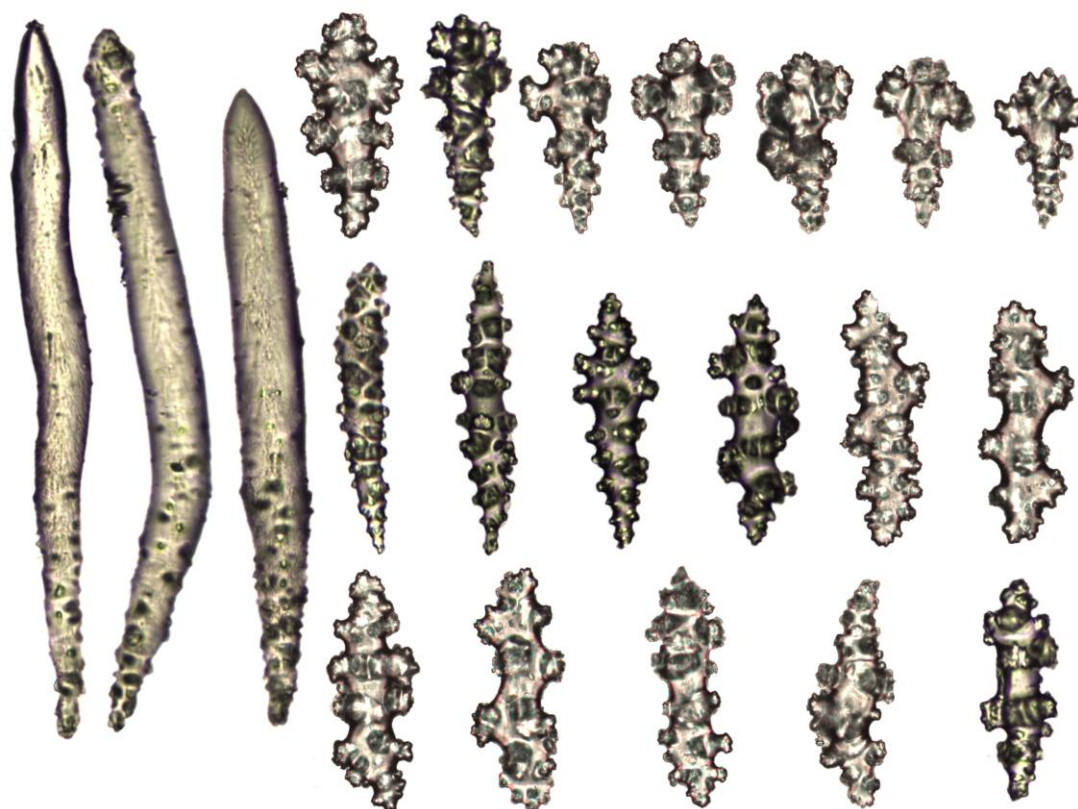


Anthogorgia bocki Aurivillius, 1931 (WZD029)



Hicksonella princeps Nutting, 1910
(HGJ021)

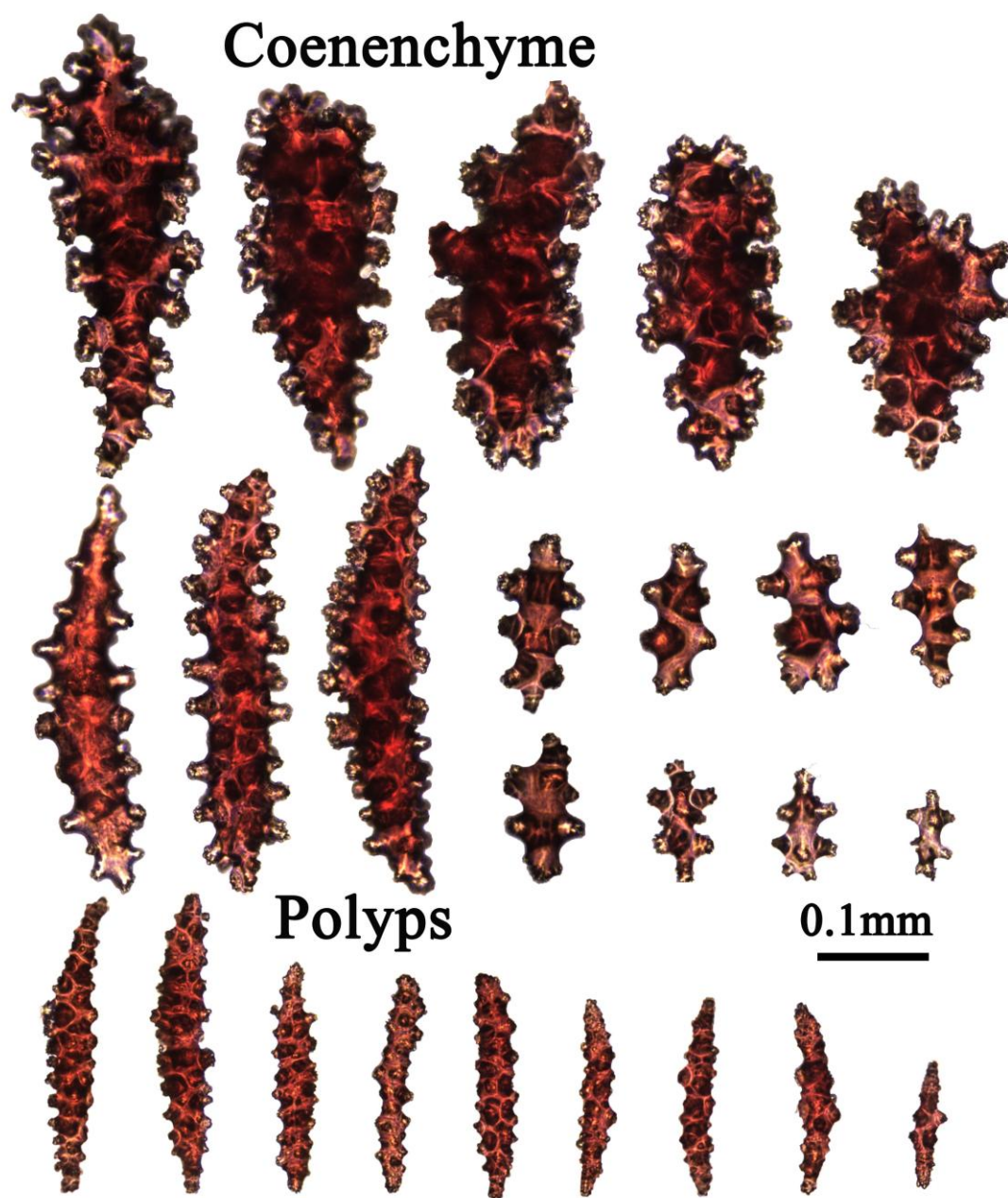
Coenenchyme



Polyps



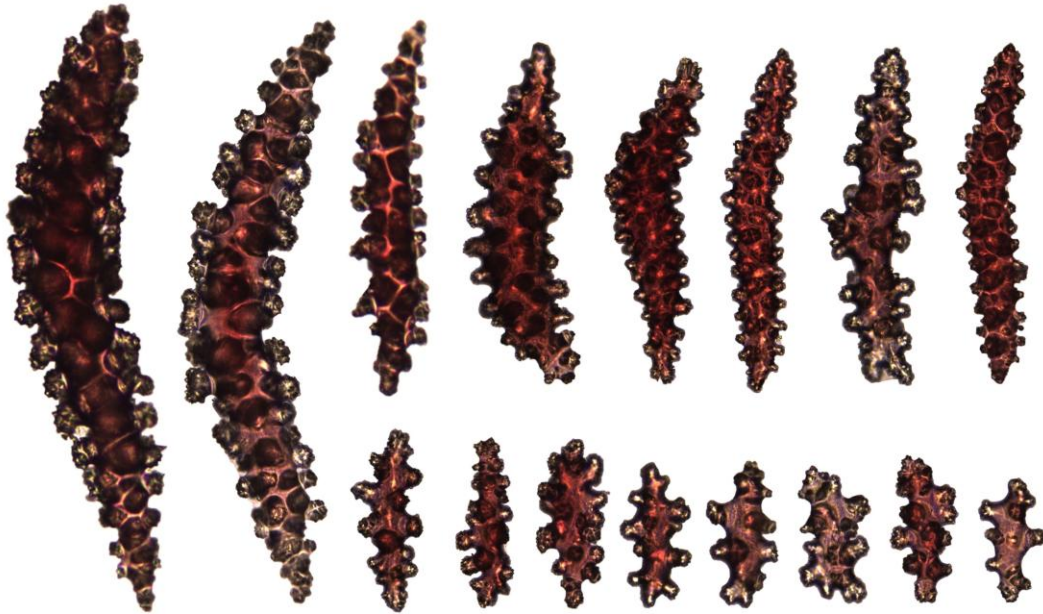
Astrogorgia dumbea Grasshoff, 1999
(WZD070)



Astrogorgia sinensis Verrill, 1865

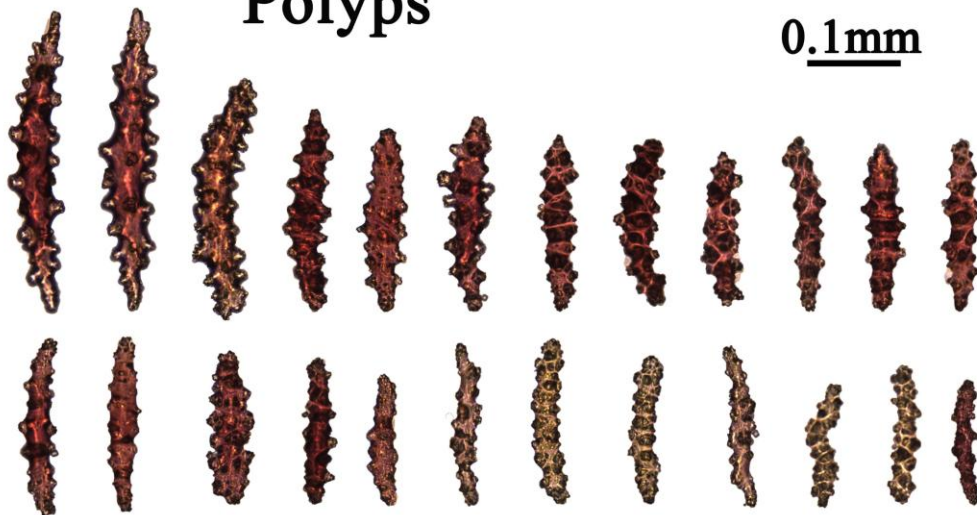
(WZD023)

Coenenchyme



Polyps

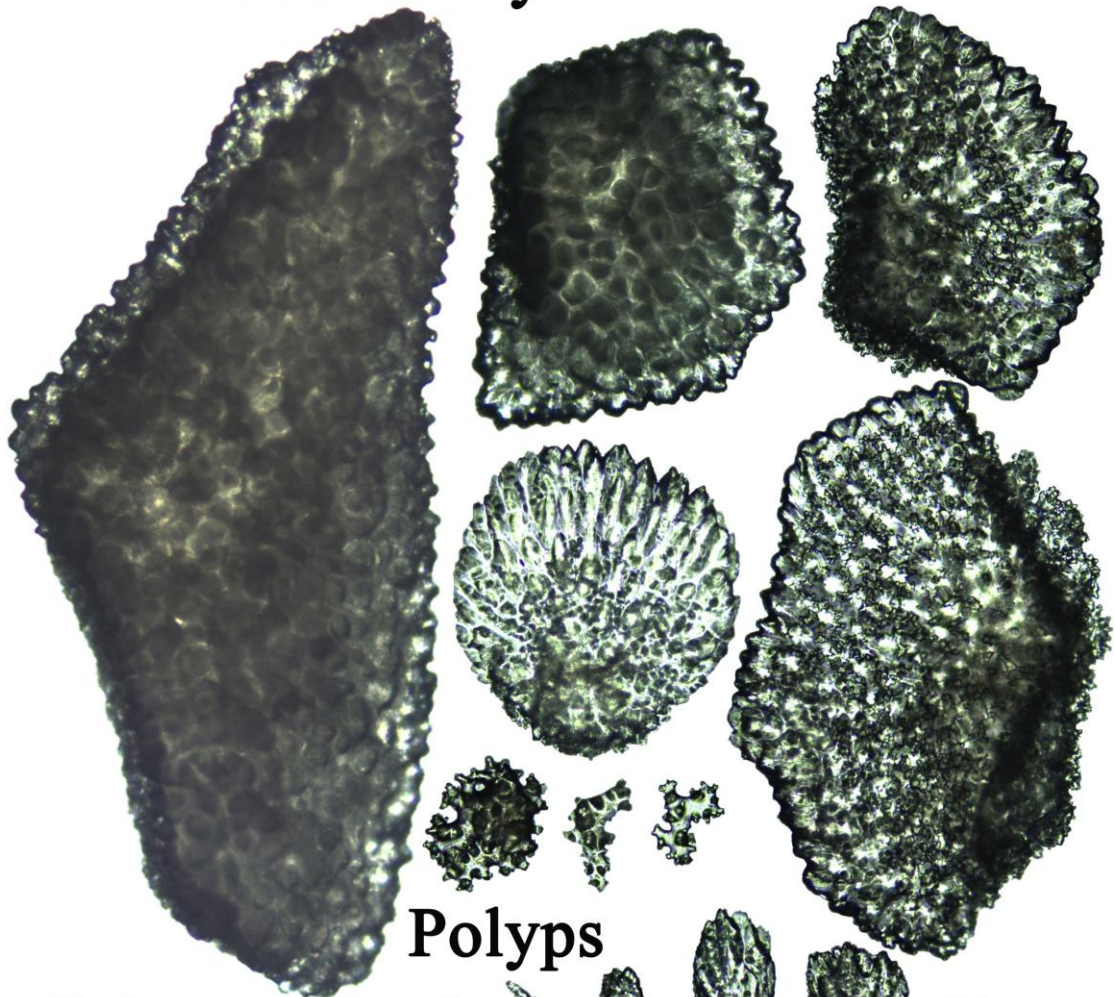
0.1mm



Imbricacis squamata Nutting, 1910

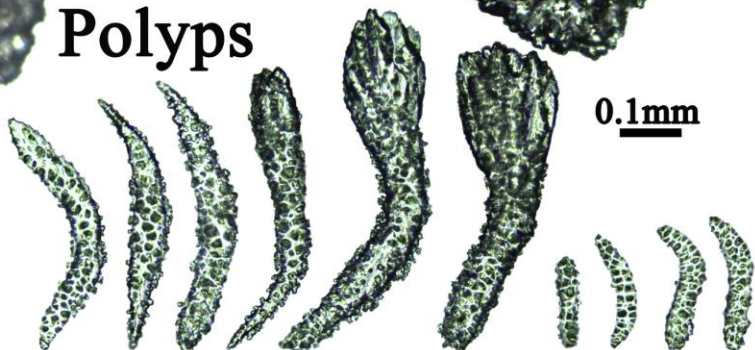
(SHDSC0053)

Coenenchyme



Polyps

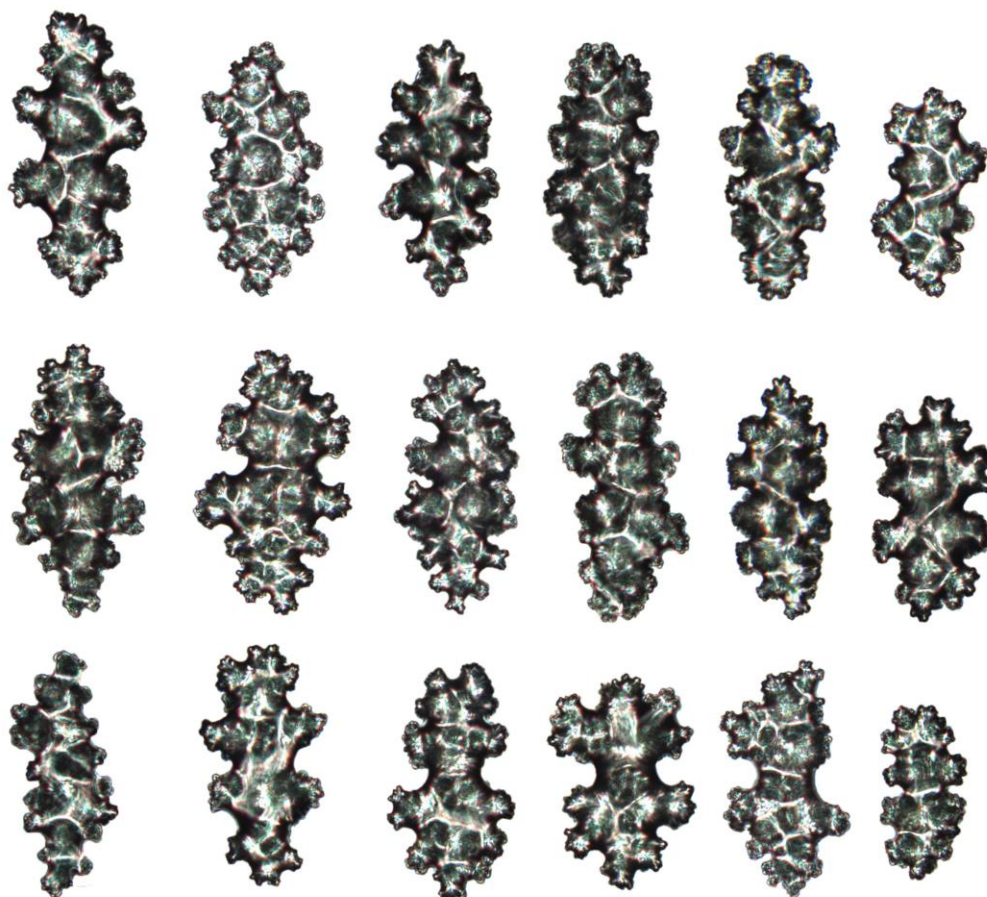
Calyx



0.1mm

Guaiagorgia anas Grasshoff & Alderslade,
1997 (HZ07)

Coenenchyme

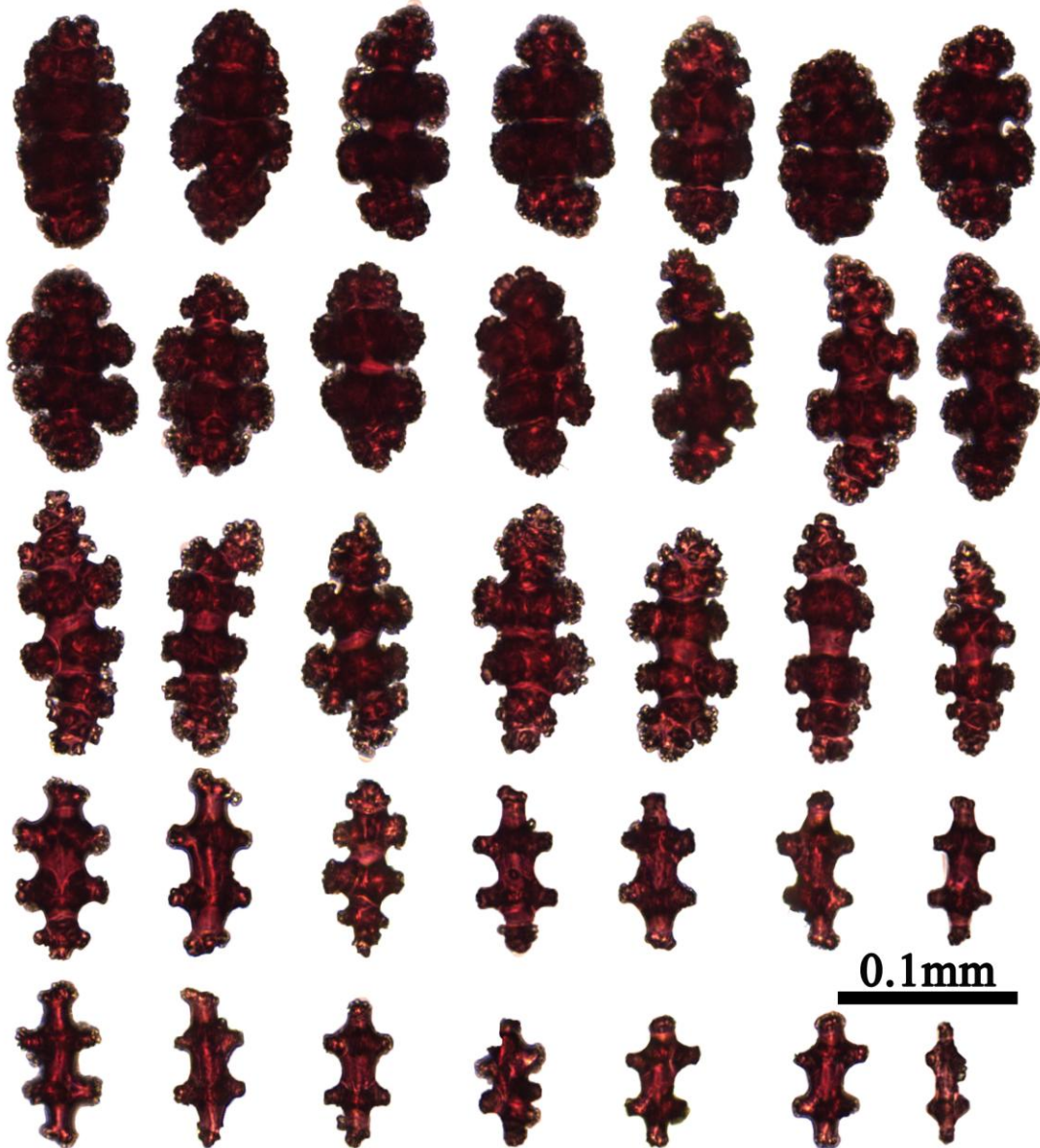


Polyps



Pseudopterogorgia nanjiensis Sun, Xu &
Zhan, 2024 (NJ001)

Coenenchyme



Supplementary Figure S1: Additional morphological images of comparative taxa used in the phylogenomic analysis, including SEM images of *Anthogorgia divaricata*, *A. ochracea*, and *A. bocki*, and light-microscope images of specimens lacking SEM sclerite images, except *Granulogorgia amoebosquama* M6062 and M6003.