

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Body size and other pertinent data for 429 individuals of *N. wulongqingensis* from the Guanshan Biota.

File Name: Supplementary Data 2

Description: Measurements of attached tube dimensions and other relevant characteristics for 186 specimens of *N. wulongqingensis* from the Guanshan Biota.

File Name: Supplementary Data 3

Description: Minima, maxima, median and bounds of box and whiskers for Supplementary figures 6a and 6d

File Name: Supplementary Data 4

Description: Distribution of tube orientations on the surface of *N. wulongqingensis* from the Guanshan Biota.