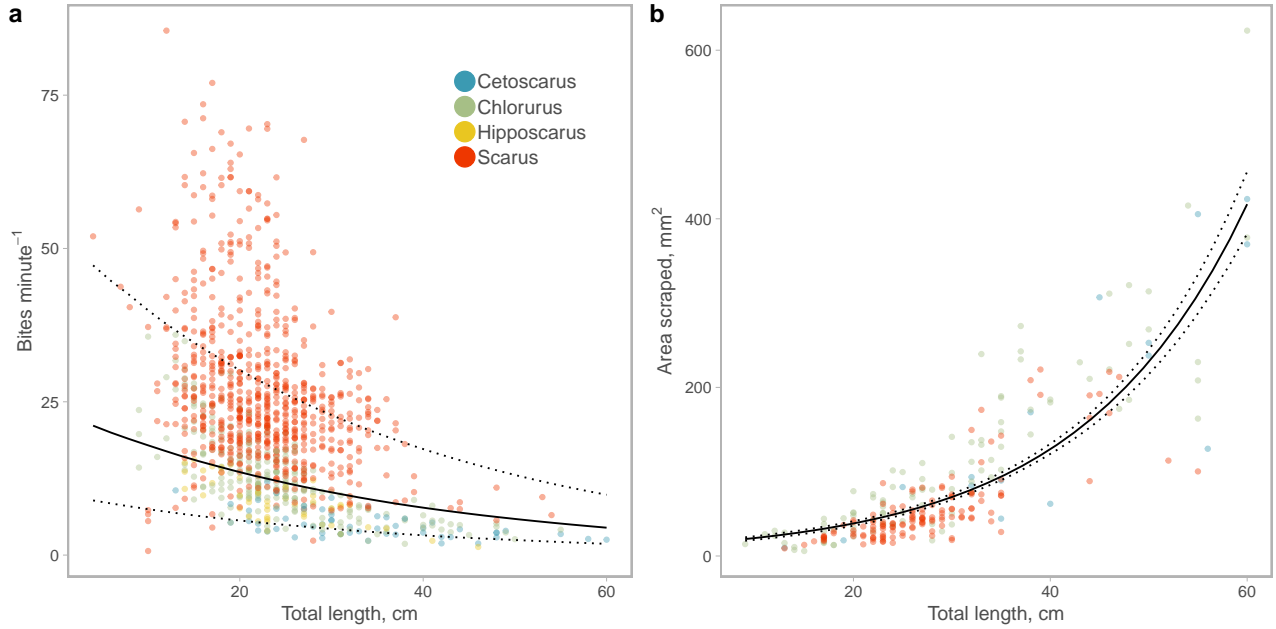


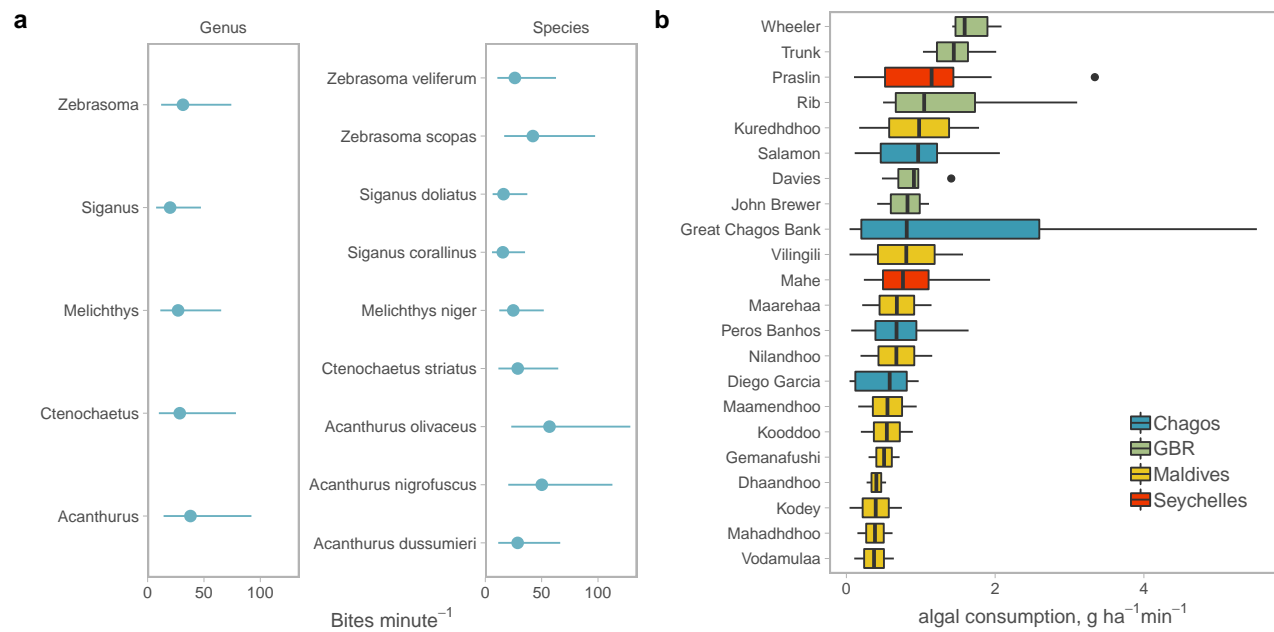
# TITLE

*Authors*

## Supplementary Methods



**Figure S1 | Size effects on scraper bite rates (A) and bite area (B).** Lines indicate median posterior predictions with 95% certainty intervals, excluding species and genera effects, across the range of observed body sizes (total length, cm). Points are observed bite rates or bite areas coloured by genera.



**Figure S2 | Cropper bite rate predictions (A) and observed cropper function in UVC (B)** Predicted bite rates are median posterior predictions with 95% certainty intervals (A), and boxplots are site-level observed cropping function for each reef, coloured by UVC region.

Cropping bite species and range in function   Browsing bite species and range in function  
Scraping bite species and range in function   Evenness effect on scraping function