

Metridia gerlachei *Metridia lucens* *Paraeuchaeta antarctica* *Calanoides acutus* *Calanus propinquus*
Rhincalanus gigas

4 NORPAC

4 NORPAC

12 2019 2 84.9–144.5°E 60.0–66.5°S 42 KY1804 2018
 45 cm 63 µm 100 µm 150 µm 335 µm) 4 NORPAC ((0–150 m
 125°E
 5% XCTD
 CTD 2-150 m
 a TSM (Time since Sea-ice Melt)
 335 µm

21

6

Prosome width

Nichols and Thompson (1991)

10

335 µm

a

(GLM)
M. lucens

Mann-Whitney U test

5

(ind. m⁻³)

Bray-Curtis

PERMANOVA

(

TSM) DistLM (distance based linear modelling) 冗長性分析 (dbRDA:
redundancy analysis)

100 μm 150 μm 335 μm

0.708–1.265

63 μm

0.490–0.875

63 μm

150 μm

a

150 μm

2.4 m

100-335 μm

100%

100 μm

335 μm

Prosome width

C. acutus *C.*

propinquus C3

M. gerlachei C4

M. lucens C5 (C5

) *P. antarctica*

C2 *R. gigas* C1

3

C. acutus

2

C. propinquus

M. gerlachei *P. antarctica* ASF

R. gigas

4

335 μm

R. gigas