

1000 m 4 0-

2010 10 2011 2 4 7 St. K2 (47°N,
160°E) 335 µm IONESS 0-1000 m 8
4%
CTD 1/2-1/64

Bray-Curtis

one-way ANOVA Tukey-Kramer test

PERMANOVA

4

(*Pelagobia longicirrata*, *Typhloscolex muelleri*, *Tomopteris* sp. 1 *Poeobius meseres*)

(DVM)

Kolmogorov-Smirnov test

0-1000 m

0-757 ind. 1000 m⁻³

0-6.1 mg WW m⁻³

6 9 10

58%

5

(A-D)

500-1000 m

P. longicirrata

B

150-

500 m

C

D

100-300 m

0-50 m

T. muelleri

A *Tomopteris* sp. 1

E

T. muelleri *Tomopteris* sp. 1

T. muelleri

150-200 m

Tomopteris sp. 1

DVM

31-192 m

P. meseres

100 m

5

0.7–8.5

0–200 m

P. longicirrata

200 m

500 m

100 m

P. longicirrata

T. muelleri

T. muelleri

T. muelleri

Tomopteris sp. 1

Tomopteris

P. meseres

DVM