

	3 4
論文題目	
swarmer	trophont
2021 7 16 -8 17	47°N 32
335 μm 63 μm	150 335 μm
5%	47°N 1 3
63 μm VMPS	0-3000 m 12 63
μm	99.5%
	CTD DO
Chl. <i>a</i>	2021 9 16 20
6	DAPI (UV)
()	28S
rDNA D1/D2	Maximum Likelihood (ML)
	335 μm

ZooScan

(*Metridia* *Pleuromamma* *Gaetanus* *Paraeuchaeta*

Candacia *Heterorhabdus*)

Metridia pacifica

10

10 20

1

5 5

(*Paracineta*

gaetani, *Rhabdophrya truncata*, *Ephelota coronata*, *Acineta euchaetae*, *Phyllacineta* new sp.)

P. gaetani

10 17

E. coronata *M. pacifica*

Pseudocalanus

Neocalanus

M. pacifica

G. simplex

P. scutullata

P. elongata

4

0–150 m

60%

Neocalanus

P. gaetani

1

trophont

24

7–8

swarmer