

ZooSCAN

) ( 1980  
Optical Plankton Counter (OPC) 2000 ZooSCAN

(OPC ZooSCAN)  
( ZooSCAN)

OPC ZooSCAN

2016 7 27 29

15 335  $\mu$ m NORPAC net  
5%

CTD

OPC ZooSCAN

OPC ZooSCAN

Normalized Biomass Size Spectra (NBSS)

( )  
OPC ZooSCAN ( $r^2=0.861-$   
0.977  $p < 0.0001$ ) OPC ZooSCAN (0.71-0.78 )  
0.91 ZooSCAN >

> OPC

ZooSCAN

ZooSCAN

ZooSCAN

( )

( )

ZooSCAN

ZooSCAN  
ZooSCAN

OPC  
OPC

ZooSCAN

NBSS

ZooSCAN

C)

A

3 (A B

C

NBSS

2 3

1

B

NBSS

*Calanus* spp.

*Calanus* spp.