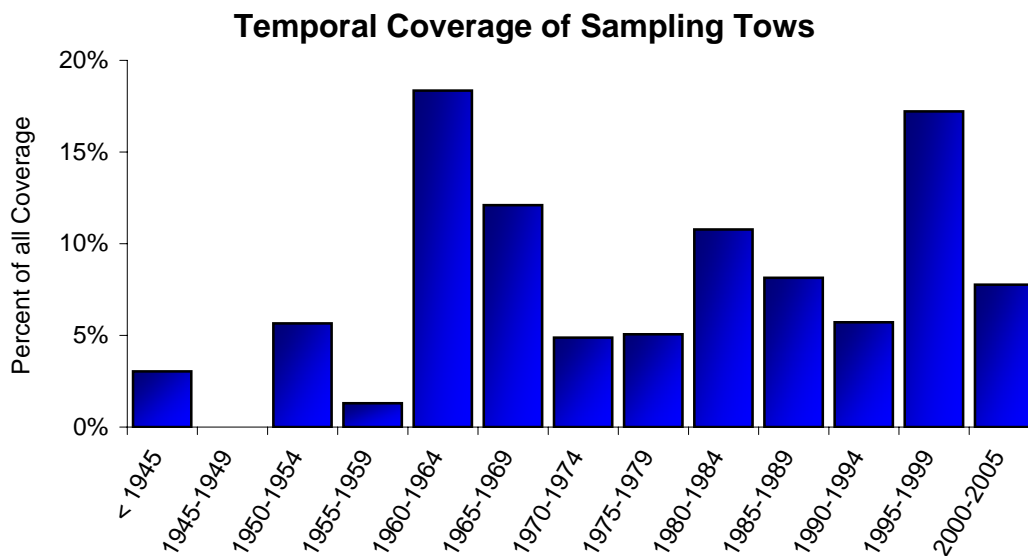


APPENDICES A - F

In each data distribution figure of Appendices A – F, a graphical dot indicates the presence of members of that plankton taxa or biomass group within the 1-degree latitude-longitude region underneath that graphical dot.

Table E0: Content characteristics of all Protist-plankton data

Number of Sampling Tows: 13,730
 Number of Observations: 28,027



Top Twenty most frequent Observations

Rank	# of OBS	ITIS-TSN	DESCRIPTION
1	8,023	44030	<i>Foraminiferida spp.</i>
2	5,323	46088	<i>Radiolaria spp.</i>
3	4,712	46743	<i>Tintinnidae spp.</i>
4	4,014	43780	<i>Protozoa spp.</i>
5	1,910	-6001	<i>Foraminifera + radiolaria</i>
6	1,905	-7348	<i>Ellobiopsidae spp.</i>
7	1,313	45796	<i>Globigerina spp.</i>
8	683	46289	<i>Mesodinium rubrum</i>
9	620	46627	<i>Tintinnopsis spp.</i>
10	519	46107	<i>Acantharia spp.</i>
11	410	-5016	<i>Ciliates spp.</i>
12	325	46620	<i>Tintinnina spp.</i>
13	305	46690	<i>Dictyocysta spp.</i>
14	280	46211	<i>Ciliophora spp.</i>
15	242	46729	<i>Parafavella gigantea</i>
16	167	331709	<i>Codonellopsis spp.</i>
17	126	46707	<i>Favella spp.</i>
18	115	46111	<i>Acanthometron spp.</i>
19	95	-7680	<i>Salpingella secata</i>
20	92	46713	<i>Ptychocylis obtusa</i>

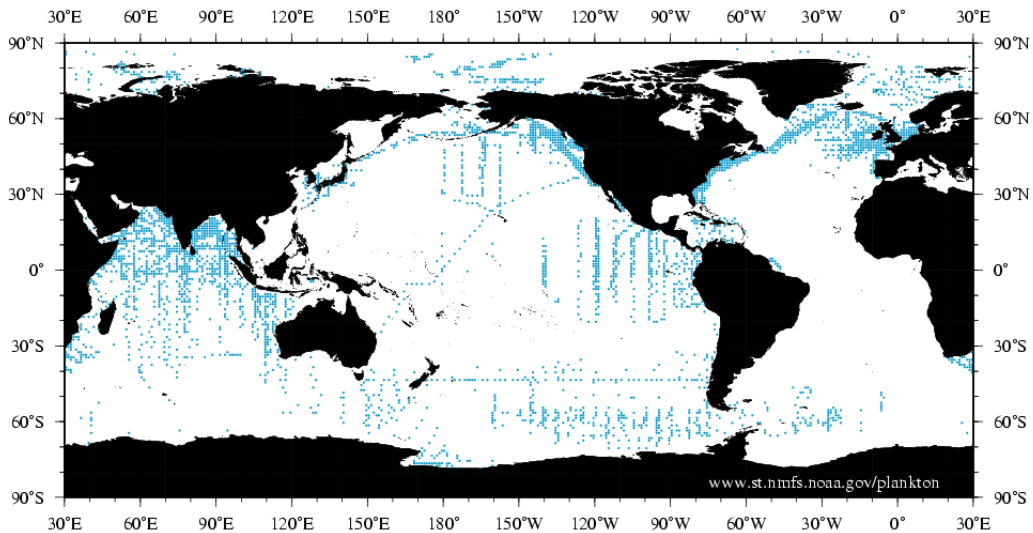


Figure E0: Distribution of all PROTIST-PLANKTON observations.

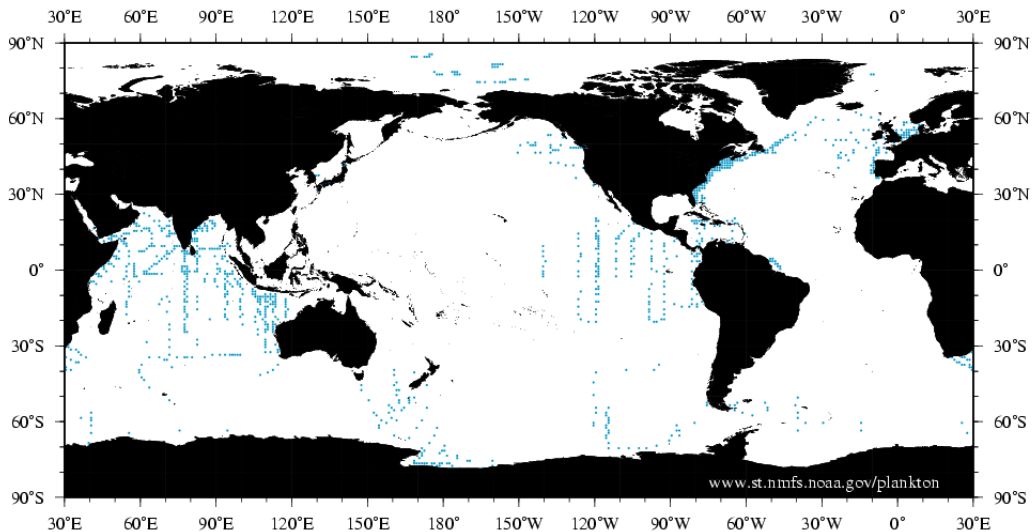


Figure E0.1: Distribution of winter (Dec.-Feb.) PROTIST-PLANKTON observations.

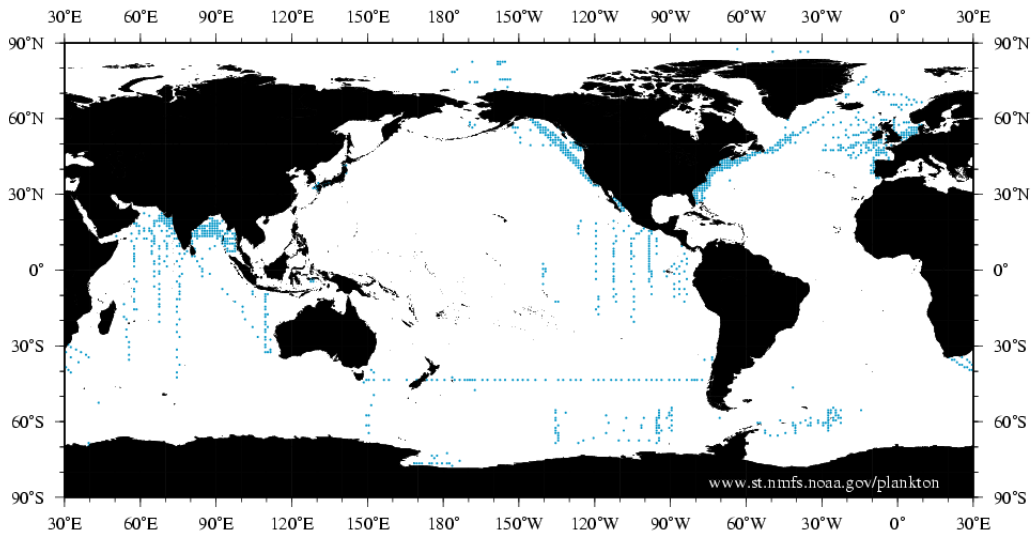


Figure E0.2: Distribution of spring (Mar.-May) PROTIST-PLANKTON observations.

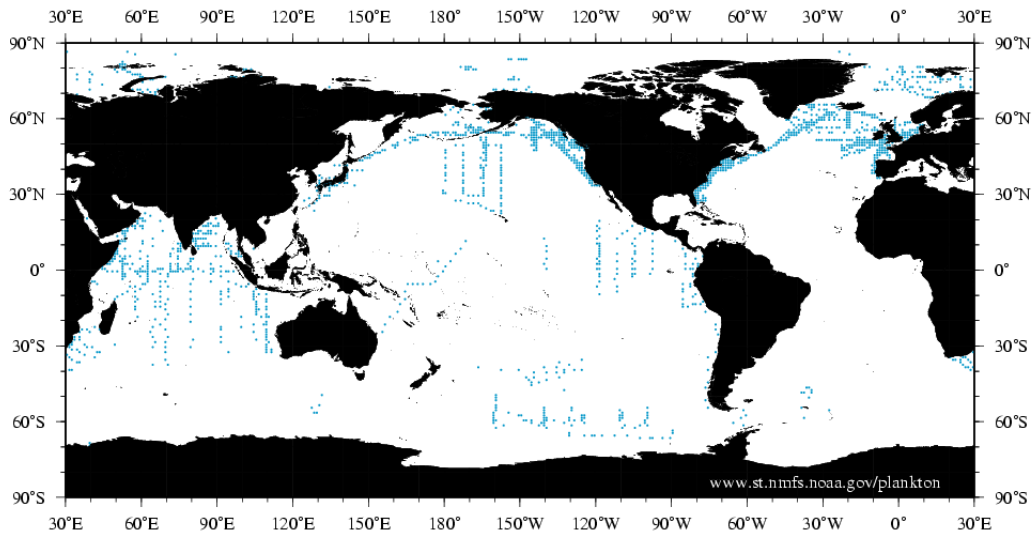


Figure E0.3: Distribution of summer (Jun.-Aug.) PROTIST-PLANKTON observations.

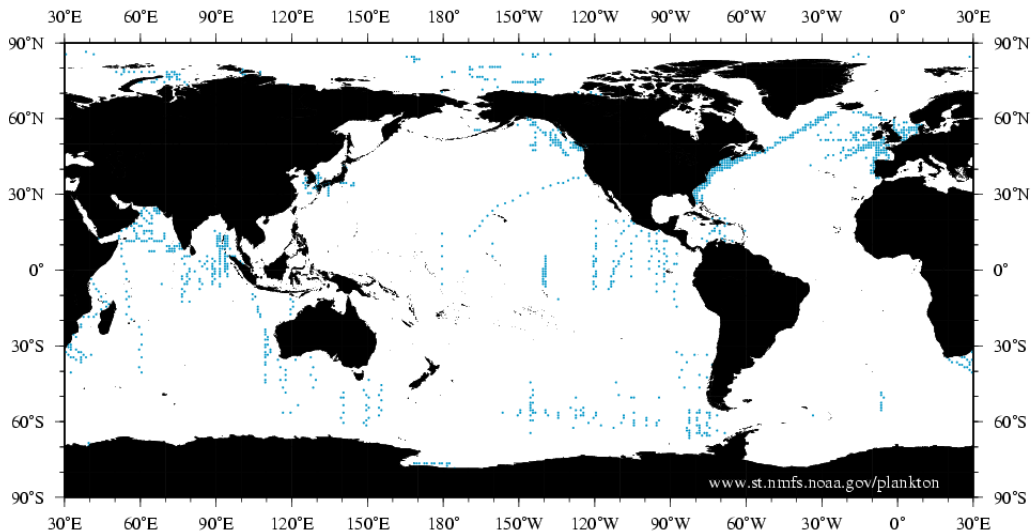
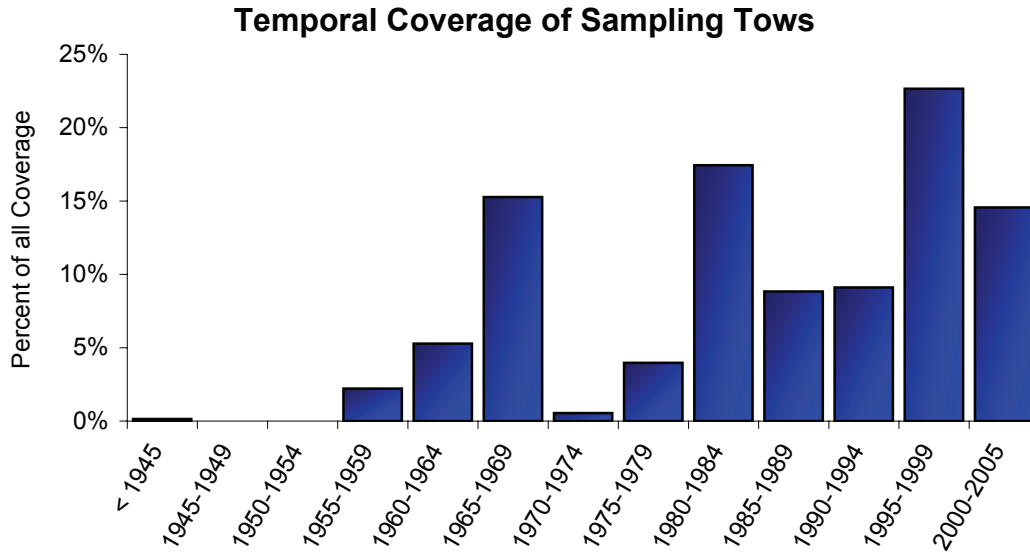


Figure E0.4: Distribution of fall (Sep.-Nov.) PROTIST-PLANKTON observations.

Table E1: Content characteristics of all Foraminifera data

Number of Sampling Tows: 5,387
 Number of Observations: 6,856



Top Twenty most frequent Observations

Rank	# of OBS	ITIS-TSN	DESCRIPTION
1	8,023	44030	<i>Foraminiferida spp.</i>
2	1,313	45796	<i>Globigerina spp.</i>
3	75	45794	<i>Globigerinidae spp.</i>
4	13	45797	<i>Globigerina bulloides</i>
5	13	45779	<i>Globorotaliidae spp.</i>
6	1	45820	<i>Globigerinita spp.</i>
7	1	45782	<i>Globorotalia spp.</i>

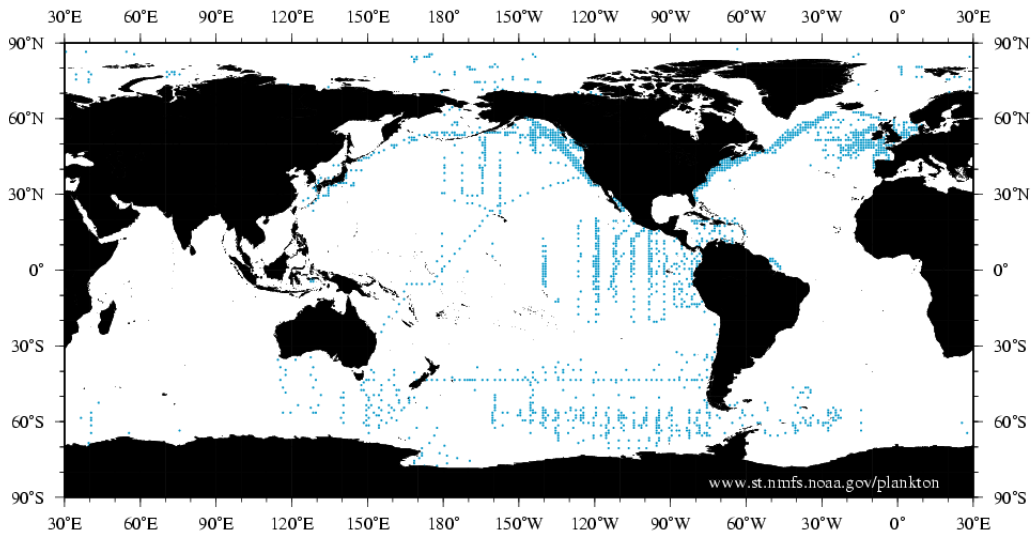
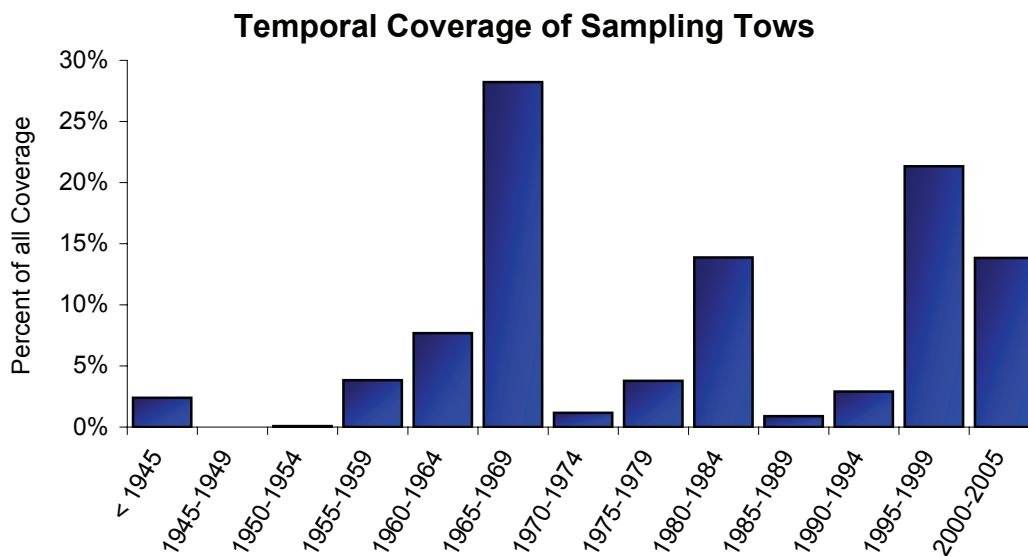


Figure E1: Distribution of Foraminifera observations.

Table E2: Content characteristics of all Radiolarian data

Number of Sampling Tows: 4,250
 Number of Observations: 5,867



Top Twenty most frequent Observations

Rank	# of OBS	ITIS-TSN	DESCRIPTION
1	5,323	46088	<i>Radiolaria</i> spp.
2	519	46107	<i>Acantharia</i> spp.
3	115	46111	<i>Acanthometron</i> spp.
4	88	550459	<i>Acanthometron pellucida</i>
5	37	-8593	<i>Challengerida</i> spp.
6	36	-7830	<i>Botryopyle setosa</i>
7	27	-7882	<i>Plectacantha oikiskos</i>
8	26	-7229	<i>Stauracantha quadrifurca</i>
9	22	46106	<i>Aulacantha scolymantha</i>
10	14	-8687	<i>Tuscareta globosa</i>
11	12	-7840	<i>Dictyophimus gracilipes</i>
12	12	-7225	<i>Ampholithium</i> spp.
13	9	-7824	<i>Amphimelissa setosa</i>
14	9	-7768	<i>Nephrospirus</i> spp.
15	5	-7883	<i>Protocystis</i> spp.
16	4	-7869	<i>Haliomma beroes</i>
17	4	-7844	<i>Echinomma leptodermum</i>
18	3	-8689	<i>Tuscarilla nationalis</i>
19	3	-8688	<i>Tuscardium cygneum</i>
20	2	46080	<i>Actinopodea</i> spp.

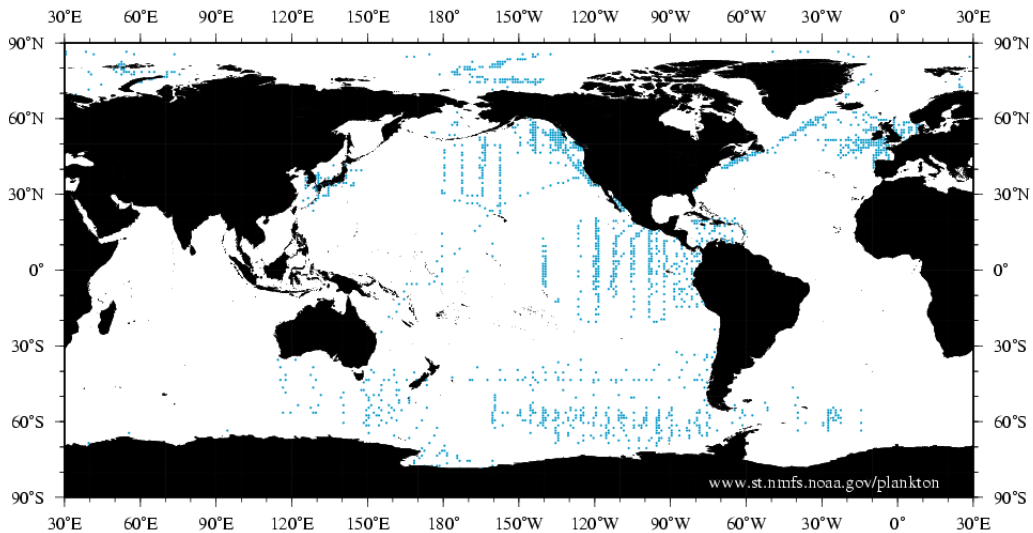
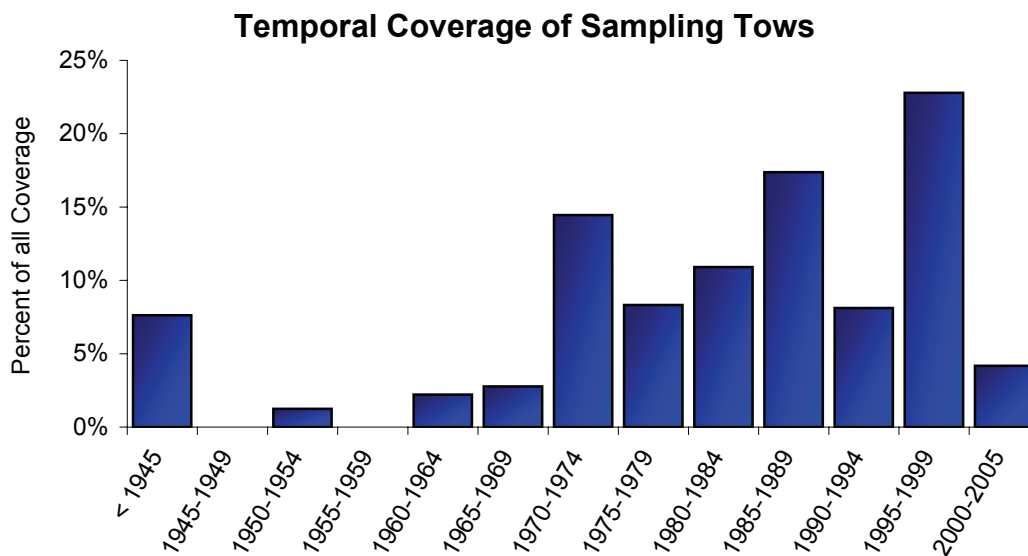


Figure E2: Distribution of Radiolarian observations.

Table E3: Content characteristics of all Ciliophora data

Number of Sampling Tows: 3,875
 Number of Observations: 10,591



Top Twenty most frequent Observations

Rank	# of OBS	ITIS-TSN	DESCRIPTION
1	4,712	46743	<i>Tintinnidae</i> spp.
2	683	46289	<i>Mesodinium rubrum</i>
3	620	46627	<i>Tintinnopsis</i> spp.
4	410	-5016	<i>Ciliates</i> spp.
5	325	46620	<i>Tintinnina</i> spp.
6	305	46690	<i>Dictyocysta</i> spp.
7	280	46211	<i>Ciliophora</i> spp.
8	242	46729	<i>Parafavella gigantea</i>
9	167	331709	<i>Codonellopsis</i> spp.
10	126	46707	<i>Favella</i> spp.
11	95	-7680	<i>Salpingella secata</i>
12	92	46713	<i>Ptychocylis obtusa</i>
13	77	46656	<i>Tintinnopsis radix</i>
14	64	46712	<i>Ptychocylis</i> spp.
15	63	46460	<i>Sessilina</i> spp.
16	63	-7261	<i>Steenstrupiella steenstrupii</i>
17	59	46723	<i>Rhabdonella conica</i>
18	56	-7929	<i>Favella serrata</i>
19	53	-7654	<i>Dictyocysta nidulus</i>
20	51	-7583	<i>Parafavella cylindrica</i>

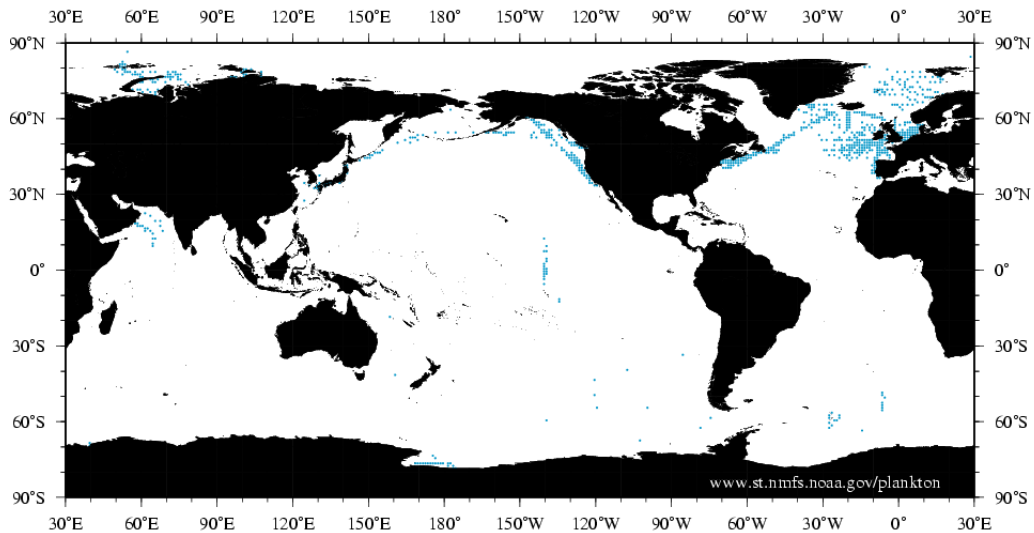


Figure E3: Distribution of Ciliophora observations.