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NOAA Technical Memorandum NMFS



1988

**ICHTHYOPLANKTON AND STATION DATA FOR
CALIFORNIA COOPERATIVE OCEANIC FISHERIES
INVESTIGATIONS SURVEY CRUISES IN 1972**

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NOAA-TM-NMFS-SWFC-109

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Southwest Fisheries Center

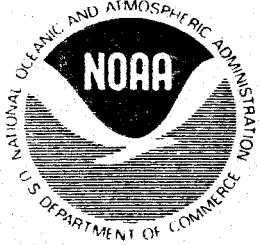
NOAA Technical Memorandum NMFS

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ABSTRACT

This report provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) cruises conducted off California and Baja California in 1972. It is the twentieth report in a series that presents these data for all biological-oceanographic CalCOFI surveys from 1951 to the present. A total of 1205 stations was occupied during six monthly multivessel cruises over the survey area which extended from the California-Oregon border to Cabo San Lucas, Mexico, and seaward to several hundred miles. The data are listed in a series of 6 tables; the background, methodology, and information necessary for interpretation and quantitative analysis of the data are presented in an accompanying text. All pertinent station and tow data, including volumes of water strained and standard haul factors, are listed in the first table. Another key table lists, by station and month, standardized counts of each of the 185 larval fish categories identified from survey samples. This and previous and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the newly developed computer data base.

INTRODUCTION

This report, the twentieth of a series, provides ichthyoplankton and associated station and tow data from California Cooperative Oceanic Fisheries Investigations (CalCOFI) joint biological-oceanographic survey cruises conducted in 1972. This program was initiated in 1949, under the sponsorship of the Marine Research Committee of the State of California, to study the population fluctuations of the Pacific sardine (*Sardinops sagax*) and the environmental factors that may play a role in such fluctuations. CalCOFI, known as the California Cooperative Sardine Research Program from 1949 to 1953, was made up of representatives of the South Pacific Fisheries Investigations (SPFI) of the U.S. Fish and Wildlife Service [now the La Jolla Laboratory, National Marine Fisheries Service (NMFS)], the Scripps Institution of Oceanography (SIO), the California Department of Fish and Game (CDFG), the California Academy of Sciences (CAS) and the Hopkins Marine Station of Stanford University. The first three of these agencies supplied ships and personnel to conduct the sea surveys. NMFS processed the plankton samples and analyzed the ichthyoplankton from them. SIO processed and analyzed the hydrographic samples and measurements and also analyzed invertebrate groups from the plankton samples.

The boundaries, station placement, and sampling frequency for the CalCOFI survey area were based on the results of joint biological and oceanographic cruises conducted by NMFS and SIO during 1939-41. Those cruises were designed to collect sardine eggs and larvae and associated hydrographic data over the entire areal and seasonal spawning range of the species. On these survey cruises, plankton tows were made to 70 m, a depth which

encompassed the vertical distribution of sardine eggs and larvae. Wide-ranging joint biological and oceanographic survey cruises were resumed in 1949 with sardine as the focus; however, an increasing interest in other biological components resulted in the deepening of standard tows to 140 m in 1951. This marked the beginning of truly quantitative ichthyoplankton sampling on CalCOFI surveys.

Some data resulting from CalCOFI surveys in 1972 have been published. Hydrographic data (Univ. of Calif., SIO, 1980, 1982, 1985) were presented in standard formats. Distributional maps of larvae of 2 taxa taken on CalCOFI surveys during 1972 are presented in the CalCOFI atlas series: rockfish (*Sebastes* spp.), Ahlstrom et al., 1978; and northern anchovy (*Engraulis mordax*), Hewitt, 1980.

A computer data base for eggs and larvae of sardine and anchovy, for larvae of Pacific hake (*Merluccius productus*), jack mackerel (*Trachurus symmetricus*) and Pacific mackerel (*Scomber japonicus*), and for eggs of Pacific saury (*Cololabis saira*) was established in 1969. The development of a data base for other fish larvae is a complex undertaking because competency of identification has evolved steadily over the past 38 years. We began the task of producing a CalCOFI ichthyoplankton data base and associated data report series in 1983. All available original records for 1972 were subjected to an extensive verification and editing process to produce this report. This and previous (Ambrose et al., 1987a,b,c; 1988a,b; Sandknop et al., 1987a,b; 1988a,b,c; Stevens et al., 1987a,b,c; 1988a,b; Sumida et al., 1987a,b; 1988a,b) and subsequent reports make the CalCOFI ichthyoplankton and station data available to all investigators and serve as guides to the computer data base. The data base will be modified when additional errors are discovered and when composite taxa from the earlier years are reidentified. These reports are the fundamental reference documents against which subsequent changes in the data base can be compared.

SAMPLING AREA AND PATTERN

In 1972, six CalCOFI survey cruises were conducted from January through November. Cruise 7202 in February was a joint U.S.-U.S.S.R. cooperative cruise with the Soviet vessel *Alba* sampling lines 40-77 (Figure 4). Two cruises in late spring and early fall (Cruises 7205 and 7210) covered an extended pattern designed to collect data across the California Current from 45°N to 20°N. However, data from stations north of line 40 and extended offshore lines are not included in this report. They will be incorporated into the data base at a later time and published as a separate data report. A total of 1205 stations included in this data base was occupied with an average of 201 stations per cruise (range 133-336). Coverage of the survey station pattern varied among cruises with the most extensive occurring in February, April-early June, and September-November (Figures 1-8, Table 1). The area off northern California (lines

40-57) was covered on all cruises except those in January and March. Coverage off central California (lines 60-77) was more consistent with all major lines occupied except in cruises 7205 and 7210 during which only two cardinal lines were surveyed. The area between Pt. Conception, California and Pt. San Juanico, Baja California (lines 80-137) was surveyed on all cruises (only cardinal lines were occupied in cruises 7205 and 7210). The area off southern Baja California (lines 140-157) was surveyed on three cruises (7202, 7205, 7210). Coverage extended seaward to station 140 (approximately 400-500 miles offshore) on a few lines in cruises 7205 and 7210, but typically did not extend beyond station 90 (approximately 160-260 miles offshore) on other cruises.

Four vessels were employed on these cruises: the *David Starr Jordan* of NMFS, the *Alexander Agassiz* of SIO, the *Alaska* of CDFG, and the *Alba* of the Soviet Union. Two to four vessels participated on each cruise with the *David Starr Jordan* and *Alexander Agassiz* being used on all six (Table 1; Univ. of Calif., SIO, 1980, 1982, 1985).

After 1969, CalCOFI surveys were made on a triennial basis. These began in 1972 and continued every 3 years (1975, 1978, 1981, 1984) until 1985 when annual surveys were resumed.

SAMPLING GEAR AND METHODS

During 1972, a 1-m diameter ring net was used on all cruises; the net was similar to that used on previous surveys except the fabric was 0.505 mm nylon mesh instead of silk bolting cloth (Smith, 1974). The cod end was constructed of 0.333 mm nylon mesh. The frame was fastened to a short 3-lead bridle connected to several meters of line which attached to the towing cable by a clamp. A current meter was suspended in the center of the mouth of each net to measure volume of water filtered (see Kramer et al., 1972, for further details).

¹CalCOFI lines (Figure 9) are arranged perpendicular to the coastline and extend from the Canadian border (line 10) to below Cape San Lucas, Baja California (line 157). Stations were established on the basis of a perpendicular to line 80 (off Pt. Conception) at a point designated as station 60. Stations were plotted seaward and shoreward from station 60 on each line. Cardinal CalCOFI lines (those ending in "0") are 120 miles apart and usually bracket two ordinal lines (ending in "3" or "7"), so that lines are 40 miles apart over most of the pattern. Cardinal stations are 40 miles apart and typically these are separated by a station number ending in "5" so that stations are 20 miles apart out to station 90 on most lines. Stations are placed at closer intervals near the coast and islands to accommodate these features (see Kramer et al., 1972 for further details).

The standard tow in 1972 was an oblique haul to ca. 210 m depth (to 15 m of the bottom in shallow areas) designed to filter a constant amount of water per depth interval (ca. $3\text{m}^3/\text{m}$ of depth) over the vertical range of most ichthyoplankters. Hauls were made at a ship speed of 1.5-2.0 knots and initiated by clamping the net line to the towing cable with the 45 kg terminal weight about 10-15 m below the surface. The net was lowered to ca. 210 m depth by paying out 300 m of wire over a 6 minute period (35 m of depth/min.). After fishing at depth for 30 seconds, the net was retrieved at 20 m/min. (14 m depth/min.). The angle of stray of the towing cable was recorded every 30 seconds and maintained at $45^\circ (+3^\circ)$ by adjusting the ship speed and course. After reaching the surface, the net was washed down and the samples preserved in 5% formalin buffered with sodium borate. Flowmeter readings were made at the beginning and end of each tow. Detailed descriptions of gear and methods are given by Kramer et al. (1972), and Smith and Richardson (1977).

LABORATORY PROCEDURES

Laboratory processing began with the determination of a displacement volume for each sample (methods described in Staff, SPFI, 1953 and Kramer et al., 1972). Sorting involved the removal of ichthyoplankton from the sample and identification and separation of: eggs and larvae of Pacific sardine and northern anchovy; larvae of Pacific hake; and eggs of Pacific saury. Usually, each sample was sorted completely; however, in 1972, some of the samples from two of the six cruises were fractionated into aliquots using a Folsom plankton splitter (McEwen et al., 1954) prior to sorting. Samples collected in Cruise 7202 by the Soviet research vessel *Alba* were fractionated to 50% of the original volume. Samples from Cruise 7207 were fractionated to a 25% aliquot if the sample was collected within 200 miles from the coast and its original volume exceeded 25 ml (J. R. Thrailkill, pers. comm.). Aliquot percentages for fractionated samples from 1972 are listed in Table 1 under the "Percent Sorted" column.

A "standard haul factor" (SHF) was calculated for each tow to make them comparable and allow estimations of areal abundance. This factor adjusts the number of eggs or larvae in a haul to the number in 10 m^3 of water strained per meter of depth fished. If the vertical distribution of the species has been encompassed, then the adjusted value is equivalent to the number under 10 m^2 of sea surface. The SHF is calculated for each haul by the formula:

$$\text{SHF} = \frac{10 D}{V}$$

where D = depth of haul = cosine of the average angle of stray of the towing cable multiplied by cable length (m)

V = total volume of water (m^3) strained during the haul

$$V = R \cdot a \cdot p$$

where R = total number of revolutions of the current meter during the haul

a = area (m^2) of the mouth of the net

p = length of column of water (m) needed to produce one revolution of the current meter.

Tow depth, volume of water strained, and standard haul factor are listed in Table 1 for each tow taken during 1972. Detailed descriptions of factors involved in calculating these values are presented in Ahlstrom (1948), Kramer et al. (1972), and Smith and Richardson (1977).

IDENTIFICATION

Identification of ichthyoplankton species beyond those separated during the sorting process was carried out by a separate group of specialists. Ontogenetic stages of fishes are inherently difficult to identify and this is further complicated by the large number and diversity of species which contribute to the ichthyoplankton of the California Current region. Most identifications were accomplished by establishing ontogenetic series on the basis of morphology, meristics, and pigmentation and then identifying these series by relating them to known metamorphic, juvenile, or adult stages with overlapping features (Powles and Markle, 1984). A total of 183 taxa was identified for 1972, with 108 taken to species, 32 to genus, 36 to family, and 7 to order or suborder. In 1972, some taxonomic groups were identified for the first time. These included larvae of the bathylagid species *Bathylagus longirostris*, the gonostomatids *Danaphos oculatus* and *Valenciennellus stellatus*, and the myctophid *Bolinichthys* species. Larvae in the families Scopelarchidae and Nomeidae were identified to genus or species. Five species of rockfish in the *Sebastes* group were identified: *S. aurora*, *S. jordani*, *S. levis*, *S. macdonaldi*, and *S. paucispinis*. Also, the trichiurid *Lepidopus xantusi* was identified.

The task of producing a reliable and equitable ichthyoplankton data base required extensive procedures to verify, correct, and edit the original identifications. The primary data source was the original identification sheets (see Kramer et al., 1972, for examples); however, a critical resource used in all phases of this process was the CalCOFI ichthyoplankton collection in which the samples are archived. Throughout the course of CalCOFI ichthyoplankton studies, samples have been identified to the lowest taxon possible. In reviewing

these identifications for the data base, our approach has been conservative and we have preserved those identifications and counts which we could confirm, while correcting as many of the errors as possible. After computer entry, taxonomic errors and inconsistencies in the data base were corrected and the most obvious identification errors were corrected. Our current knowledge of ichthyoplankton techniques coupled with a precise understanding of the development of identification competency in the program over the years allowed us to critically judge the historical records. Identifications were changed to different taxa, lumped to a higher taxonomic category, or given a more precise taxonomic name. In some cases, identifications of a taxon were inconsistent among cruises in a year. These records were made equitable by lumping to the higher taxonomic category to avoid biases that could result in quantitative misinterpretation.

Next, statistical, seasonal, and geographic outliers were identified, employing a series of graphic summaries and listings. Examination of geographic outliers proved to be especially effective because of our accumulated knowledge of species distributions. In the course of examining samples for these outliers, other identification errors were discovered and eventually all taxa were scrutinized to some extent. Lastly, certain taxa were reexamined in all samples for the entire CalCOFI time series. These taxa were selected because of their commercial, ecological, phylogenetic, or zoogeographic importance or because taxonomic confusion was at the ordinal level. The following is a list of the taxa for 1972 which received special attention, with explanations and caveats intended to aid in quantitative interpretations:

Anguilliformes - tentative and sporadic identifications to family or lower taxon lumped to order.

Sardinops sagax - all specimens south of line 120 checked for misidentification of *Opisthonema* spp.

Engraulis mordax - some nearshore samples of small *E. mordax* may contain other anchovy genera which could not be differentiated.

Nansenia spp. - all specimens checked and identified as *N. candida* or *N. crassa*; all specimens of these species near their range boundaries checked.

Bathylagus spp. - includes small and/or disintegrated specimens of *Bathylagus* or *Leuroglossus stilbius*.

Bathylchnops exilis - specimen checked.

Dolichopteryx longipes - specimen checked.

Stomiiformes - all specimens checked and identified to family, genus or species; residuals are small, poorly preserved or unavailable specimens.

Cyclothone spp. - tentative and sporadic identifications to species were lumped to genus.

Vinciguerria lucetia - specimens taken seaward of station 100 checked for misidentification of *V. poweriae*; some *V. poweriae* may remain in these samples because small larvae of the two species could not be differentiated; sporadic identification of *V. poweriae* began in 1961.

Sternoptychidae - tentative and sporadic identifications of hatchetfishes to genus were lumped to family.

Bathophilus spp. - all specimens checked.

Tactostoma macropus - all specimens checked.

Paralepididae - all specimens examined and identified to species; residuals are small, poorly preserved or unavailable specimens, except specimens south of line 150 which are an unidentified *Lestidiops*-like form.

Scopelarchus spp. - tentative and sporadic identifications to species lumped to genus.

Lampanyctus spp. - tentative and sporadic identifications to species lumped to genus.

Lampanyctus regalis - underrepresented because of inability to differentiate small larvae (<5 mm) from those of other species of the genus; counts may include other species of the genus because of difficulty in identifying larvae of this large and complex genus.

Lampanyctus ritteri - comment for *L. regalis* applies to this species.

Triphoturus mexicanus - specimens seaward of station 100 checked for misidentification of *T. nigrescens*.

Diogenichthys atlanticus - all specimens at margins of range checked.

Diogenichthys laternatus - all specimens at margins of range checked.

Hygophum spp. - all specimens reidentified to species; residuals are small, poorly preserved or unavailable specimens.

Hygophum atratum - all specimens checked.

Hygophum reinhardtii - all specimens checked.

Bregmaceros spp. - tentative and sporadic identifications to species lumped to genus.

Physiculus spp. - specimen checked.

Ophidiiformes - this category did not exist originally and unidentified larvae of this order, including a type referred to as "Zoarcidae", were originally placed in the "blenny" category.

Chilara taylori - all specimens checked.

Ophidion scrippsae - all specimens checked.

Trachipteridae - tentative and sporadic identifications to genus were lumped to family.

Melamphaes spp. - all identifications ascribed to Melamphaidae were reexamined and assigned to genus (*Melamphaes*, *Poromitra*) or species (*Scopelogadus bispinosus*); larvae originally identified as *Melamphaes* spp. were not reexamined and this category may contain other melamphaid genera.

Anoplopoma fimbria - specimen checked.

Cottidae - all specimens checked.

Oxylebius pictus - all specimens checked.

Zaniolepis spp. - all specimens checked.

Blennioidei - this is the residual of the completely reexamined "blenny" category, which also contained various misidentified ophidiiforms, and is now restricted to members of northern stichaeioid families.

Microdesmidae - specimens checked.

Labridae - all specimens originally identified to family were reexamined and assigned to genus (*Halichoeres* spp.) or species (*Oxyjulis californica*); residuals are of an unidentified southern form.

Chromis punctipinnis - records south of about line 120 may include other pomacentrid taxa.

Howella brodiei - all specimens checked; some originally identified as Apogonidae; in this report we list *H. brodiei* in the family Apogonidae for convenience, recognizing that its systematic affinities are not resolved.

Carangidae - all specimens checked; tentative and sporadic identifications to genus or species (except *Trachurus symmetricus* and *Seriola lalandi*) were lumped to family.

Seriola lalandi - specimens checked.

Haemulidae - tentative identification to genus lumped to family.

Medialuna californiensis - all specimens checked.

Caulolatilus princeps - specimen checked.

Sciaenidae - tentative and sporadic identifications to genus lumped to family.

Scombridae - all larvae identified to this family or constituent taxa (except *Scomber japonicus*) were reexamined and in some cases reassigned.

Nomeidae - all specimens checked and identified to species.

Pleuronectiformes - all specimens of this category were examined and reidentified; residuals are small, poorly preserved or unavailable specimens.

Bothidae - all specimens examined and most reassigned to various paralicthyid genera.

Bothus spp. - specimens checked.

Citharichthys spp. - all larvae identified to species were lumped to genus except *C. stigmaeus*; category includes larvae of *Etropus* spp.

Citharichthys stigmaeus - includes larvae larger than ca. 4.5 mm; smaller larvae are in *Citharichthys* spp.

Paralichthys californicus - all specimens examined.

Xystreurys liolepis - originally misidentified as *Paralichthys californicus*; all specimens reidentified.

Glyptocephalus zachirus - all specimens examined.

Isopsetta isolepis - specimens checked.

Lepidopsetta bilineata - all specimens examined.

Microstomus pacificus - all specimens examined.

Pleuronichthys spp. - all larvae of this genus and constituent species were examined and assigned to species.

Psettichthys melanostictus - all specimens examined.

COMPUTER ENTRY AND EDITING

Each taxon on the original identification sheets was given a 3-digit code based on the list of codes in Haight et al. (1979). Taxon codes and counts from these sheets were keypunched by cruise and station, along with pertinent station and tow data and entered into the VAX 11/780 computer at the University of California, San Diego, Computing Center. After entries were completed for an entire year, print-out listings of taxa and counts on each station were compared with the original data sheets to eliminate keypunch errors. Next, data in the file were cross-checked with data on an existing file which contained: station and tow data; numbers of eggs of sardine, anchovy, and saury; numbers of larvae of sardine, anchovy, hake, jack mackerel, and Pacific mackerel; total number of fish eggs; and total number of fish larvae.

Discrepancies in ichthyoplankton data in these two files were corrected by inspecting original records from the sorting laboratory, the original ichthyoplankton identification sheets, and the samples themselves. Station and tow data discrepancies between the two files were corrected by reviewing ships' logs and deck tow sheets, original records from the sorting laboratory, cruise announcements, publications, header information on the ichthyoplankton identification sheets, and station plots generated for each cruise. Eventually all station and tow data were checked by comparing these sources.

The corrected ichthyoplankton data base was then examined statistically and outliers were found and checked as above. Distributional plots were then prepared for each taxon and these were checked by reviewing the data sources mentioned above and by examining archived specimens. A listing of each taxon by station (Table 4) was produced, which became the primary document for subsequent checks. Misidentifications found in geographic outlier checks and other misidentifications and data problems discovered in the course of examining archived samples resulted in several iterations of Table 4. Finally, totals in Table 4 were checked against annual summaries of incidence and abundance (Tables 2 and 3). Ecological analyses of the data were conducted concurrently with editing procedures and provided cross-checks that allowed correction of errors.

SPECIES SUMMARY

Larvae of northern anchovy (*Engraulis mordax*) represented 43.7% of all fish larvae taken on CalCOFI cruises during 1972 and numbered over three times as many as Pacific hake, *Merluccius productus*, the next most abundant taxon with 13.0% of the total larvae (Tables 2, 3). Northern anchovy also ranked first in incidence; Pacific hake ranked 8th. The next most abundant group was the rockfish genus *Sebastes* spp. with 8.1% of the total, followed by the gonostomatid *Vinciguerria lucetia* with 5.9%; they ranked 2nd and 10th respectively in incidence. The deepsea smelt

Leuroglossus stilbius ranked 5th in abundance (4.7%) and 4th in occurrence. The myctophid *Stenobranchius leucopsarus* and another deepsea smelt, *Bathylagus ochotensis*, ranked 6th (4.6%) and 7th (3.1%) in number, and 6th and 7th in occurrence. The final three taxa in the top 10 collected in 1972 were the myctophid species *Triphoturus mexicanus* with 2.0%, *Tarletonbeania crenularis* with 1.9%, and *Diogenichthys laternatus* with 1.5% of total larvae. These 10 taxa contributed 88.6% to the total number of larvae collected in 1972; the remaining 11.4% was distributed among 173 taxa plus the disintegrated and unidentified categories. The top 10 taxa comprised two coastal demersal species or groups, one coastal pelagic species, and seven midwater species.

EXPLANATION OF TABLES

- Table 1 - This table lists by cruise the pertinent station and tow data for 1972, the volume of water filtered and standard haul factor for each tow, the percent of sample sorted, and the total numbers of fish eggs and larvae. CalCOFI cruises are designated by four digits; the first two indicate the year and the second two the month. Within each cruise the data are listed in order of increasing line and station number (southerly and seaward directions); the order of station occupancy is shown on the station charts (Figures 2-8). Stations are designated by two groups of digits; the first set indicates the line and decimal fraction and the second set indicates the station on the line. Time is listed as Pacific Standard Time at the start of each tow in 24-hour designation. Methods for determining tow depth, volume of water strained, standard haul factor, and percent sorted were described in the methods section. The values for total fish eggs and larvae represent raw counts (unadjusted for percent sorted or standard haul factor). Ship codes are as follows: AB, *Alba*; AL, *Alaska*; AX, *Alexander Agassiz*; JD, *David Starr Jordan*.
- Table 2 - This table lists pooled occurrences of all larval fish taxa taken during 1972 in ranked order.
- Table 3 - This table lists pooled counts of all larval fish taxa taken during 1972 in ranked order. Numbers are adjusted for percent sorted and standard haul factors.
- Table 4 - This table gives numbers of fish larvae for each taxon, listed by station and calendar month in which the tow was taken. Counts are adjusted for percent of sample sorted and standard haul factor. Average values are given for stations occupied more than once during a month. See Table 1 for station and tow data and Table 6 for listing of stations with multiple occupancies during a month. Multiple occupancies occurred when a station was occupied more than once during a calendar

month; in some cases, multiple occupancies resulted from separate cruises. The orders are listed in "phylogenetic" sequence modified from Nelson (1984). Subtaxa within each order are listed alphabetically. Page numbers for each taxon are given in the index at the end of the report.

Table 5 - This table is a summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1972 to 1981. Taxa are listed in the same order as in Table 4.

Table 6 - List of stations with multiple occupancies in one month during 1972.

ACKNOWLEDGMENTS

Elizabeth Stevens, Elaine Sandknop, Susan D'Vincent, and Connie Fey originally identified larvae from CalCOFI cruises of 1972. Ronald Whyte coded each larval fish taxon or type and Rita Ford entered them into the computer. Cindy Meyer and James Ryan provided programming assistance. Dorothy Roll designed the CalCOFI data acquisition system and provided data processing support. Ken Raymond, Roy Allen, and Henry Orr helped with graphics and production of the report. Lorraine Prescott prepared the manuscript for printing. Paul Smith determined statistical outliers, provided assistance during geographical outlier checks and offered helpful suggestions throughout the project. Izadore Barrett, Director of the Southwest Fisheries Center provided support critical to the completion of the project. James Thraillkill planned CalCOFI surveys and supervised cruises, data handling, and plankton sorting from 1949 to 1986 and is largely responsible for the high quality of these operations. Without the vision and direction of Elbert Ahlstrom and Elton Sette and the dedicated efforts of the many people who collected, processed, and analyzed the samples, this data base would not exist. During the final stages of preparing this report, Reuben Lasker succumbed to cancer. As Chief of the Coastal Fisheries Resources Division, SWFC, his encouragement and support for all of us involved in the sea surveys, sample processing, and data base and report preparation were unwavering. We dedicate this work to his memory.

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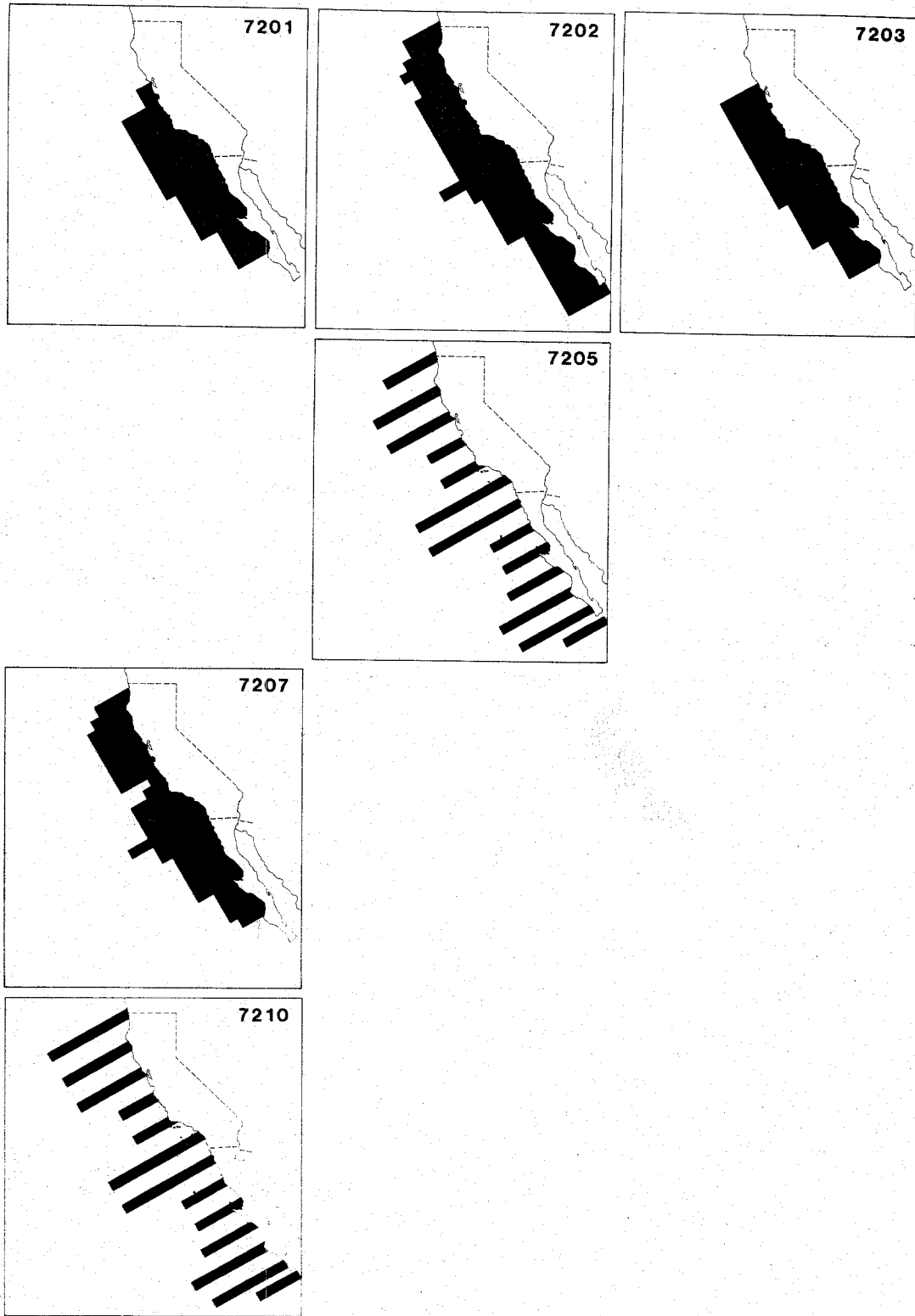


Figure 1. Composite arrangement of diagrammatic charts showing areas sampled on each CalCOFI cruise during 1972.

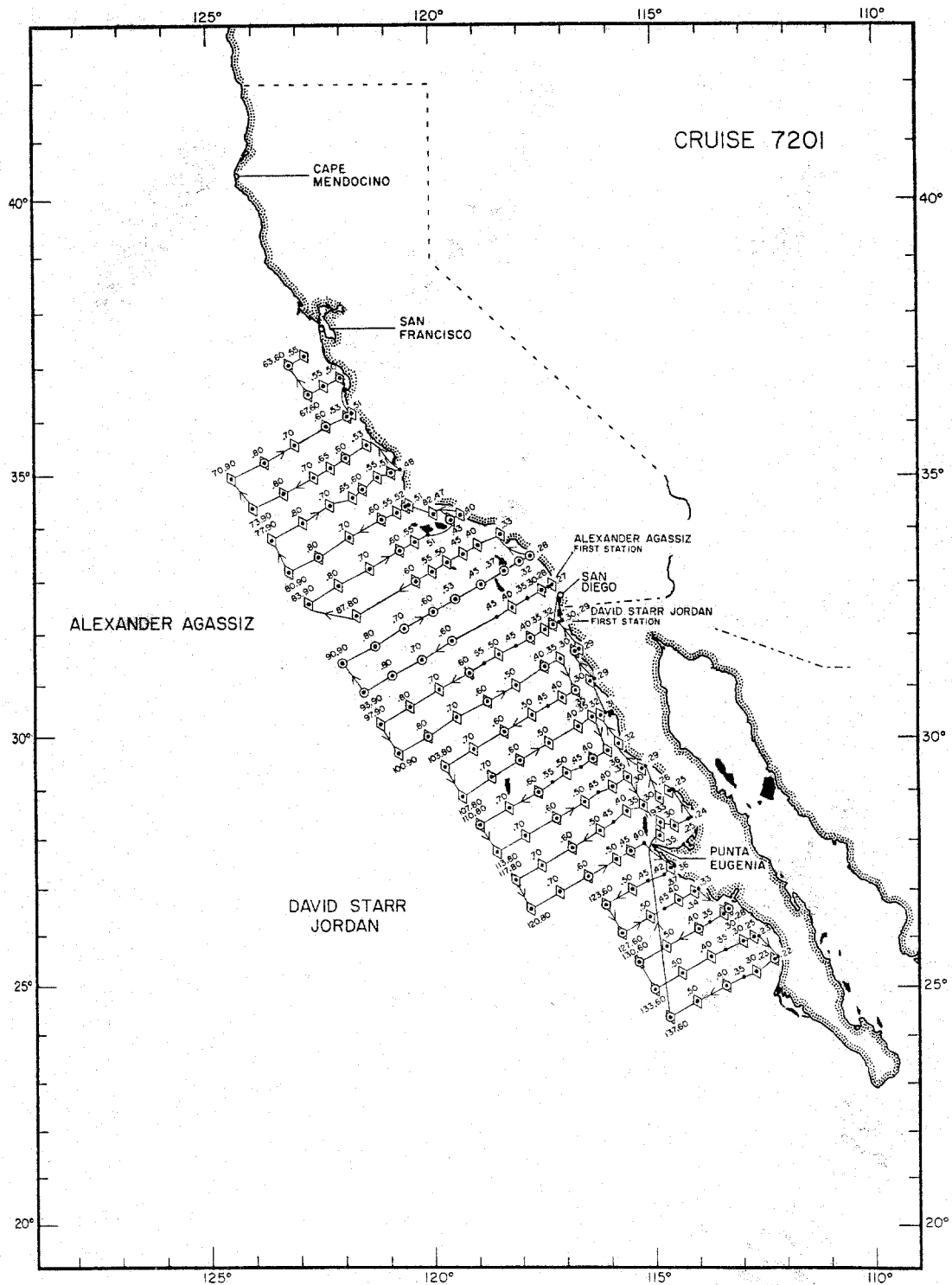


Figure 2. Station pattern for CalCOFI Cruise 7201 showing tracks for each vessel. Stations with plankton tows are indicated by a dot; circles designate hydrographic stations, and diamonds STD recordings. Figures 2, 3, and 5-8 were modified from charts in Univ. of Calif., SIO (1980, 1982, 1985) to include only those stations listed in Table 1 of this report.

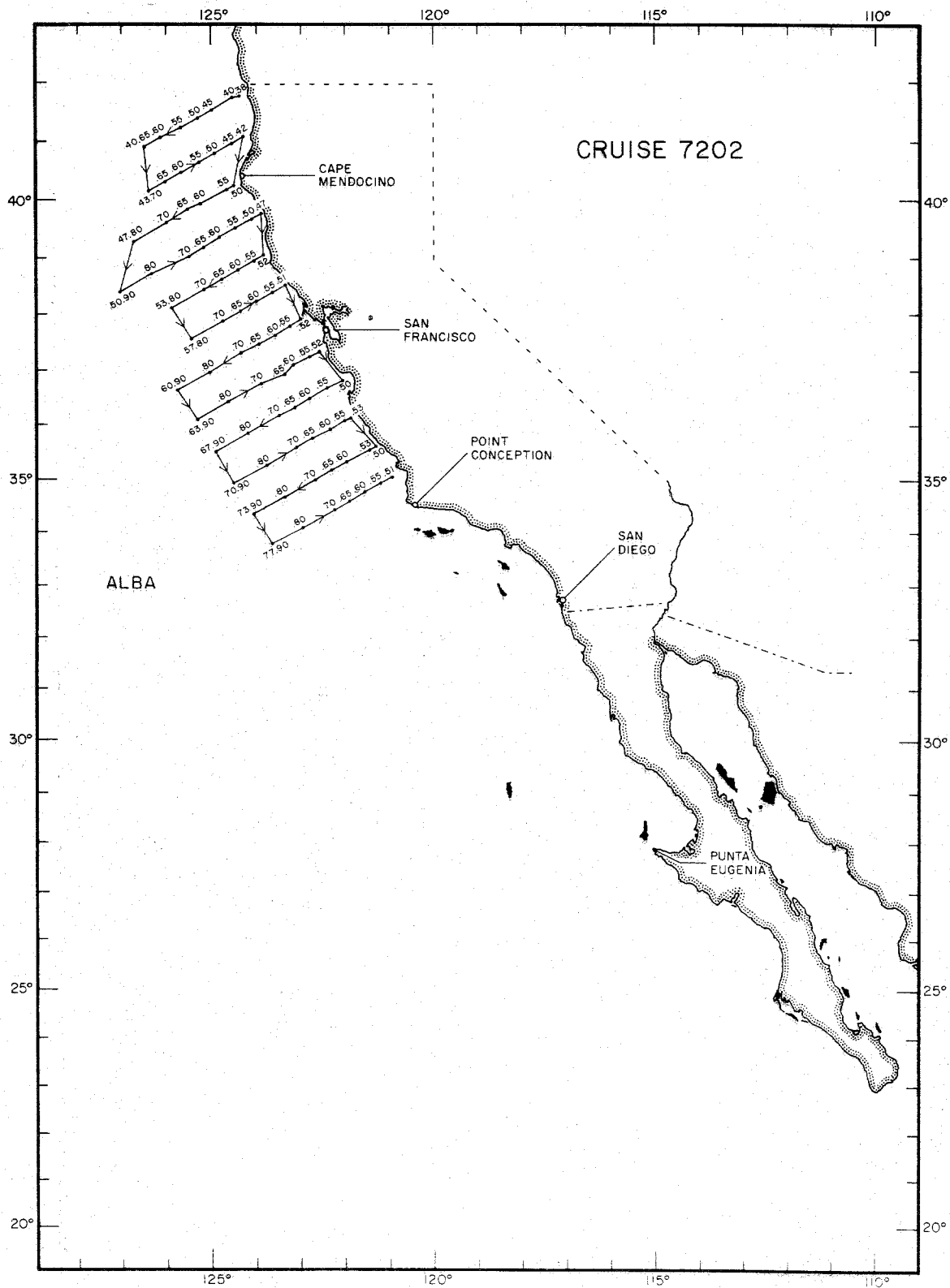


Figure 4. Station pattern for CalCOFI Cruise 7202 showing track for Alba. Plankton tow stations indicated by a dot.

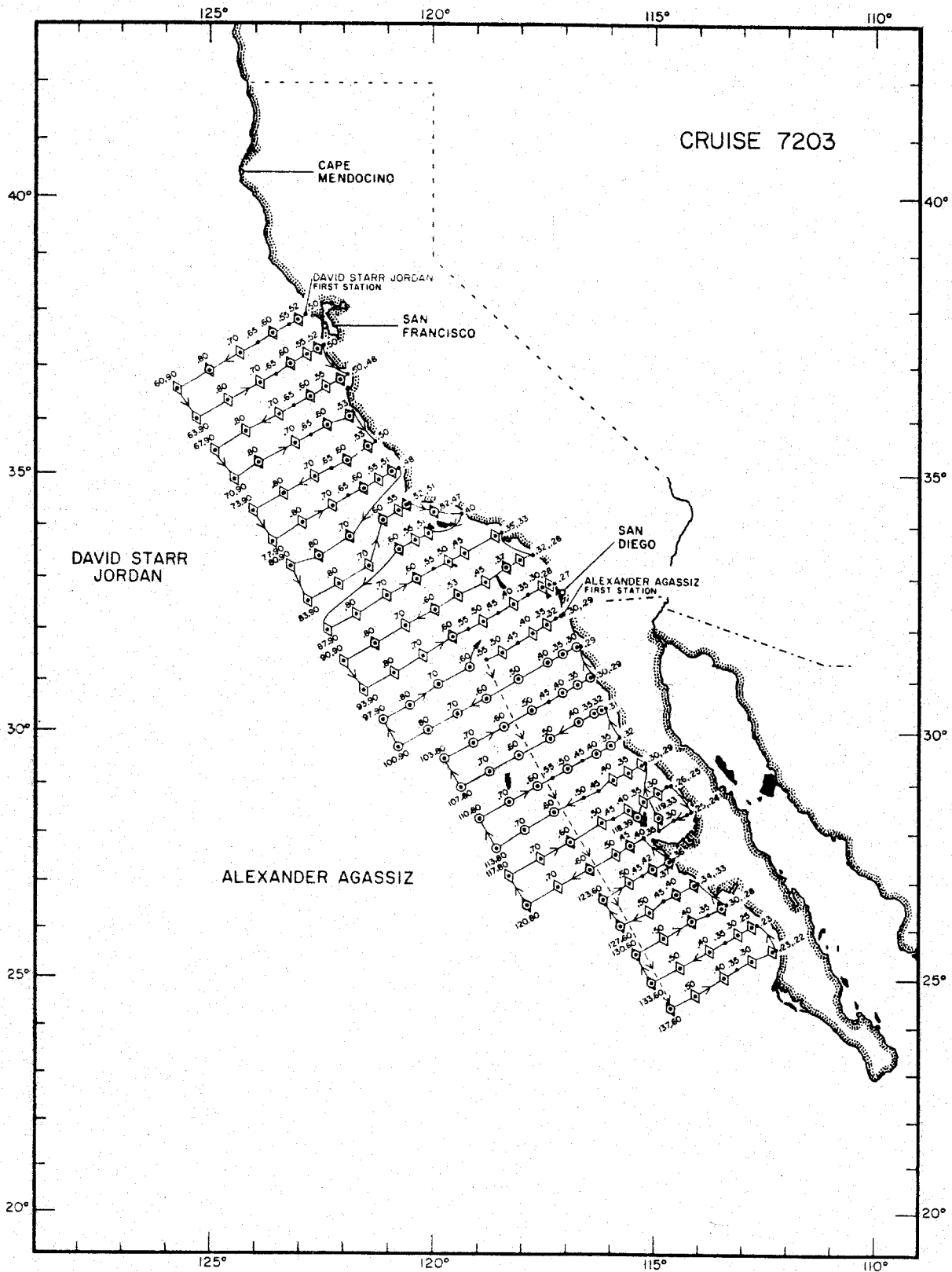


Figure 5. Station pattern for CalCOFI Cruise 7203. Symbols as in Figure 2.

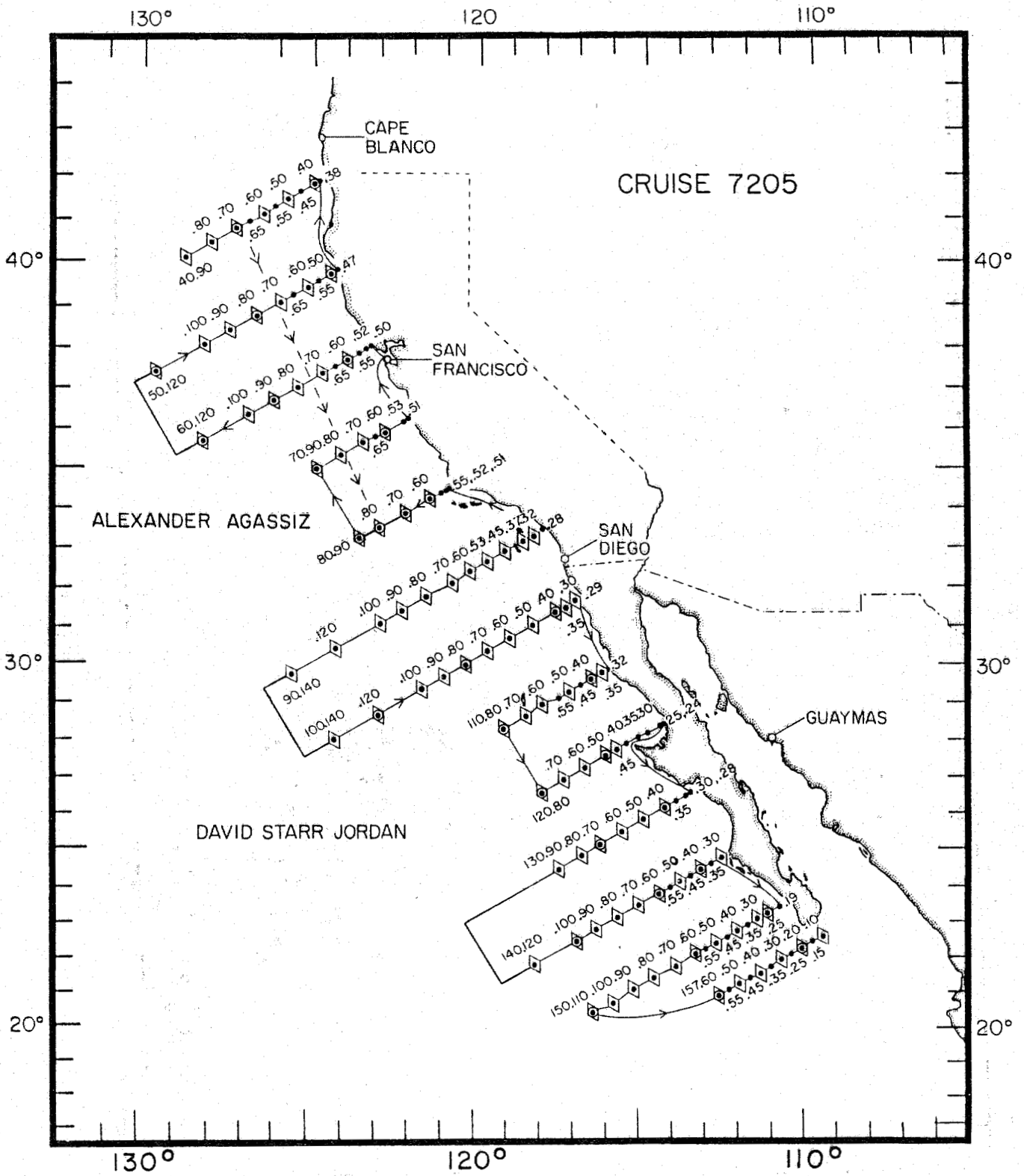


Figure 6. Station pattern for CalCOFI Cruise 7205. Symbols as in Figure 2.

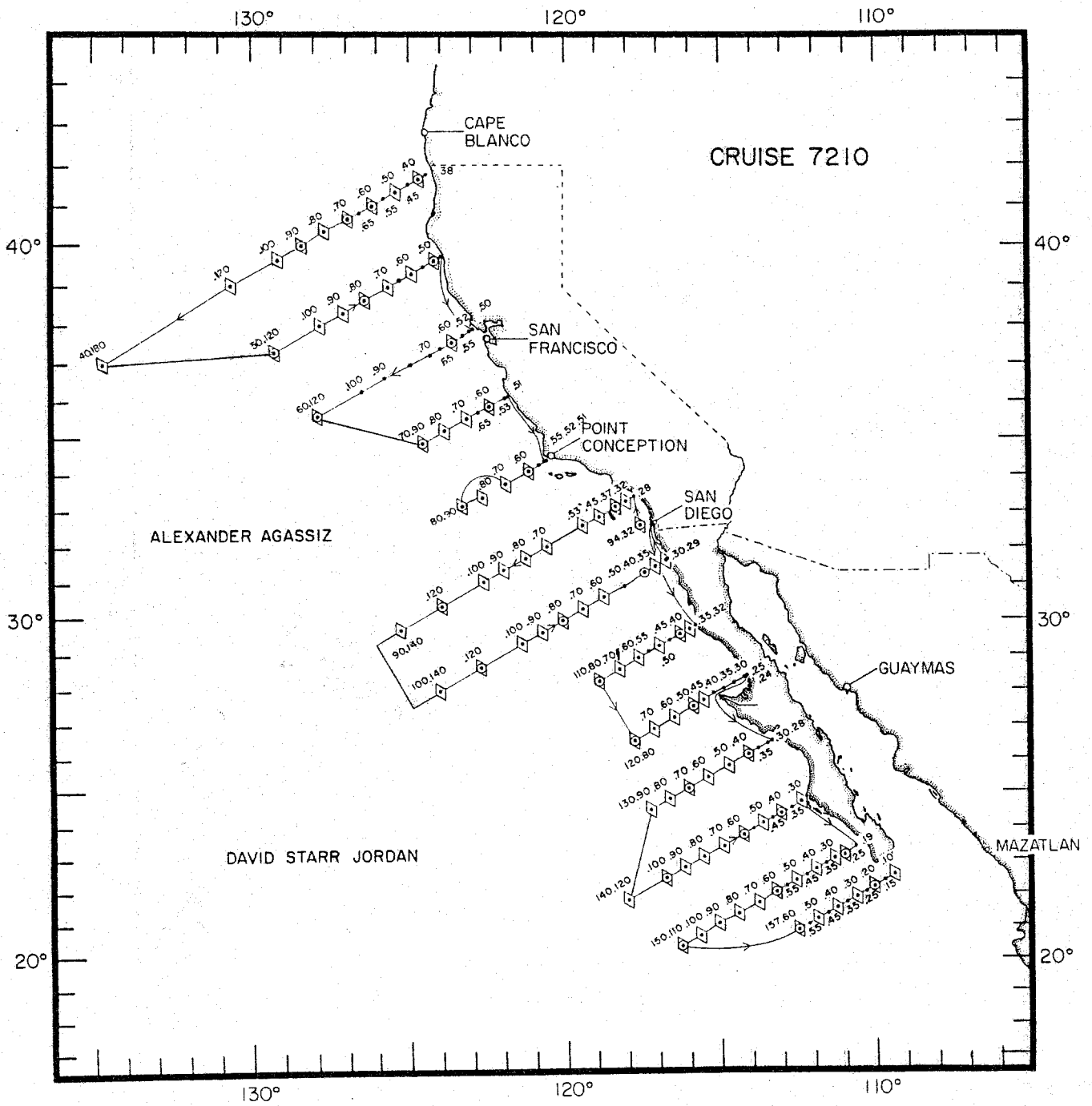


Figure 8. Station pattern for CalCOFI Cruise 7210. Symbols as in Figure 2.

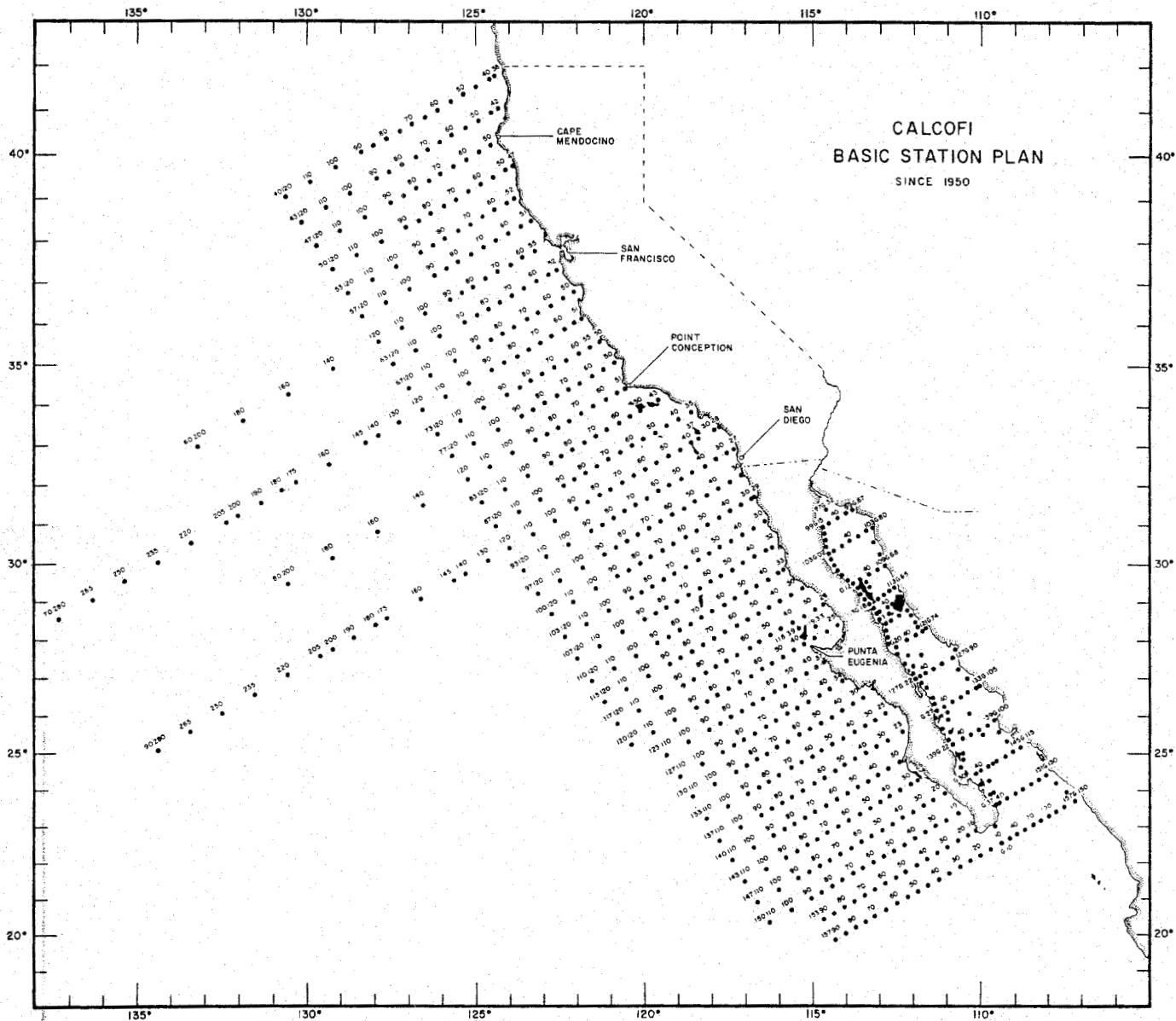


Figure 9. The basic station plan for CalCOFI cruises from 1950 to the present.

TABLE 1. Station and plankton tow data for CalCOFI cruises in 1972. Counts for fish eggs and larvae are not adjusted for standard haul factor or percent of sample sorted.

CalCOFI Cruise 7201

Line	Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
63.0	55.0	37 12.7	122 51.8	AX	72 01 25	2118	199	697	2.86	100.0	316	41
63.0	60.0	37 02.7	123 11.7	AX	72 01 25	1818	219	728	3.01	100.0	77	21
67.0	50.0	36 48.8	122 04.7	AX	72 01 25	0440	87	306	2.85	100.0	273	16
67.0	55.0	36 39.0	122 26.0	AX	72 01 25	0743	186	722	2.57	100.0	83	22
67.0	60.0	36 28.6	122 47.7	AX	72 01 25	1153	218	738	2.95	100.0	125	52
70.0	51.0	36 11.1	121 46.3	AX	72 01 24	1923	220	703	3.13	100.0	268	34
70.0	53.0	36 06.3	121 54.3	AX	72 01 24	1725	219	648	3.38	100.0	273	60
70.0	60.0	35 53.0	122 24.1	AX	72 01 24	1208	206	653	3.15	100.0	95	127
70.0	70.0	35 32.5	123 05.5	AX	72 01 24	0432	219	586	3.74	100.0	95	150
70.0	80.0	35 11.2	123 46.2	AX	72 01 23	2256	220	625	3.51	100.0	38	83
70.0	90.0	34 52.6	124 30.5	AX	72 01 23	1038	208	651	3.19	100.0	56	146
73.0	53.0	35 31.6	121 28.9	AX	72 01 22	0715	218	702	3.11	100.0	141	60
73.0	60.0	35 17.5	121 57.1	AX	72 01 22	1238	225	638	3.52	100.0	153	163
73.0	65.0	35 07.3	122 18.5	AX	72 01 22	1350	224	635	3.53	100.0	48	85
73.0	70.0	34 58.5	122 40.0	AX	72 01 22	1924	211	618	3.41	100.0	93	203
73.0	80.0	34 37.8	123 21.0	AX	72 01 23	0000	219	565	3.88	100.0	286	1461
73.0	90.0	34 20.0	124 04.0	AX	72 01 23	0530	228	614	3.71	100.0	23	54
77.0	48.0	35 06.8	120 42.4	AX	72 01 21	2320	19	114	1.64	100.0	0	0
77.0	51.0	35 01.8	120 56.0	AX	72 01 21	2125	210	676	3.10	100.0	1110	18
77.0	55.0	34 55.4	121 13.3	AX	72 01 21	1800	221	650	3.39	100.0	142	28
77.0	60.0	34 43.9	121 35.0	AX	72 01 21	1500	225	662	3.41	100.0	146	58
77.0	65.0	34 34.2	121 45.8	AX	72 01 21	1051	217	656	3.31	100.0	60	63
77.0	70.0	34 24.0	122 19.0	AX	72 01 21	0730	221	661	3.34	100.0	149	242
77.0	80.0	34 04.5	122 56.9	AX	72 01 21	0207	235	423	5.54	100.0	104	62
77.0	90.0	33 44.5	123 38.5	AX	72 01 20	2101	224	640	3.50	100.0	42	46
80.0	51.0	34 26.0	120 32.6	AX	72 01 19	1445	103	212	4.88	100.0	144	381
80.0	52.0	34 24.3	120 36.5	AX	72 01 19	1700	227	615	3.69	100.0	274	314
80.0	55.0	34 18.8	120 48.5	AX	72 01 19	1900	223	418	5.35	100.0	662	371
80.0	60.0	34 08.7	121 09.0	AX	72 01 19	2350	225	597	3.77	100.0	330	77
80.0	70.0	33 49.0	121 51.5	AX	72 01 20	0448	223	592	3.77	100.0	364	192
80.0	80.0	33 27.5	122 32.5	AX	72 01 20	1050	219	664	3.29	100.0	82	169
80.0	90.0	33 09.1	123 13.9	AX	72 01 20	1555	223	633	3.53	100.0	40	39
82.0	47.0	34 15.0	119 59.1	AX	72 01 19	1137	224	525	4.27	100.0	70	1090
83.0	40.0	34 13.5	119 21.6	AX	72 01 19	0604	223	438	5.09	100.0	504	118
83.0	43.0	34 07.8	119 34.0	AX	72 01 19	0030	223	495	4.51	100.0	94	43
83.0	51.0	33 51.7	120 07.5	AX	72 01 18	2203	218	423	5.15	100.0	513	487
83.0	55.0	33 43.8	120 24.0	AX	72 01 18	1900	224	639	3.50	100.0	48	2111
83.0	60.0	33 33.0	120 46.5	AX	72 01 18	1230	221	487	4.53	100.0	150	231
83.0	70.0	33 14.8	121 25.5	AX	72 01 18	0722	222	603	3.69	100.0	67	1667
83.0	80.0	32 55.5	122 07.8	AX	72 01 18	0057	217	638	3.41	100.0	31	45
83.0	90.0	32 33.7	122 49.0	AX	72 01 18	1358	44	125	3.56	100.0	29	409
87.0	33.0	33 53.5	118 29.2	AX	72 01 16	1800	221	624	3.54	100.0	93	811
87.0	40.0	33 39.8	118 57.6	AX	72 01 16	1800	221	624	3.54	100.0	93	811
87.0	45.0	33 29.7	119 18.4	AX	72 01 16	2121	235	386	6.10	100.0	289	1240

TABLE 1. (cont.)

CALCOFI Cruise 7201

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
87.0	50.0	33 19.6	AX	72 01 17	0015	61	226	2.70	100.0	752	95
87.0	55.0	33 09.9	AX	72 01 17	0320	230	558	4.12	100.0	144	17969
87.0	60.0	33 00.0	AX	72 01 17	0720	225	586	3.84	100.0	23	89
87.0	80.0	32 19.5	AX	72 01 17	1900	222	643	3.45	100.0	8	10
90.0	28.0	33 28.5	AX	72 01 15	2115	192	432	4.44	100.0	27	92
90.0	32.0	33 21.0	AX	72 01 15	1850	219	637	3.44	100.0	15	180
90.0	37.0	33 10.9	AX	72 01 15	1028	209	601	3.48	100.0	34	524
90.0	45.0	32 56.4	AX	72 01 15	0445	215	675	3.19	100.0	373	2007
90.0	53.0	32 39.0	AX	72 01 14	2307	182	731	2.48	100.0	279	6820
90.0	60.0	32 24.5	AX	72 01 14	1900	190	694	2.74	100.0	1	69
90.0	70.0	32 06.1	AX	72 01 14	1335	218	670	3.26	100.0	7	46
90.0	80.0	31 45.3	AX	72 01 14	0815	195	664	2.94	100.0	6	42
90.0	90.0	31 25.0	AX	72 01 14	0200	187	737	2.54	100.0	21	72
93.0	27.0	32 55.7	AX	72 01 11	2015	141	340	4.16	100.0	8	13
93.0	28.0	32 54.6	AX	72 01 11	2130	194	745	2.60	100.0	19	41
93.0	30.0	32 50.4	AX	72 01 12	0000	195	730	2.67	100.0	49	213
93.0	35.0	32 40.5	AX	72 01 12	0300	205	700	2.93	100.0	135	964
93.0	40.0	32 30.0	AX	72 01 12	0801	242	573	4.23	100.0	27	312
93.0	45.0	32 20.1	AX	72 01 12	1037	220	588	3.73	100.0	147	1678
93.0	60.0	31 50.2	AX	72 01 12	2300	184	697	2.63	100.0	109	743
93.0	70.0	31 29.5	AX	72 01 13	0636	218	682	3.21	100.0	8	10
93.0	80.0	31 11.6	AX	72 01 13	1245	213	640	3.32	100.0	15	8
93.0	90.0	30 51.5	AX	72 01 13	1900	196	574	3.42	100.0	5	9
97.0	29.0	32 17.6	JD	72 01 22	0149	43	153	2.81	100.0	27	298
97.0	30.0	32 16.2	JD	72 01 22	0112	51	113	4.48	100.0	8	129
97.0	32.0	32 11.5	JD	72 01 04	0252	210	426	4.92	100.0	26	332
97.0	35.0	32 05.5	JD	72 01 04	0523	189	801	2.35	100.0	10	490
97.0	40.0	31 56.0	JD	72 01 04	0955	213	706	3.03	100.0	30	217
97.0	45.0	31 46.5	JD	72 01 04	1305	209	682	3.07	100.0	9	47
97.0	50.0	31 36.0	JD	72 01 04	1640	212	679	3.13	100.0	17	88
97.0	55.0	31 25.5	JD	72 01 04	1915	213	641	3.33	100.0	47	75
97.0	60.0	31 15.5	JD	72 01 05	0323	217	550	3.94	100.0	9	20
97.0	70.0	30 55.0	JD	72 01 05	0853	208	716	2.90	100.0	1	9
97.0	80.0	30 34.6	JD	72 01 05	1402	213	705	3.03	100.0	6	2
97.0	90.0	30 13.5	JD	72 01 05	1922	211	684	3.08	100.0	10	8
100.0	29.0	31 42.0	JD	72 01 21	2126	85	304	2.78	100.0	68	76
100.0	30.0	31 40.5	JD	72 01 21	2012	209	702	2.98	100.0	70	36
100.0	35.0	31 30.5	JD	72 01 07	0821	218	636	3.43	100.0	14	20
100.0	40.0	31 21.9	JD	72 01 07	0512	207	546	3.79	100.0	11	40
100.0	50.0	31 00.0	JD	72 01 06	2308	210	774	2.71	100.0	25	12
100.0	60.0	30 40.0	JD	72 01 06	1830	217	643	3.37	100.0	67	10
100.0	70.0	30 21.0	JD	72 01 06	1240	214	683	3.13	100.0	4	8
100.0	80.0	30 00.0	JD	72 01 06	0720	209	696	3.00	100.0	12	26
100.0	90.0	29 40.0	JD	72 01 06	0022	218	686	3.18	100.0	20	14
103.0	29.0	31 07.1	JD	72 01 21	1520	29	102	2.83	100.0	26	70

TABLE 1. (cont.)

CALCOFI Cruise 7201

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
103.0	31 06.0	116 24.5	JD	72 01 21	1441	57	223	2.58	100.0	27	11
103.0	30 56.0	116 45.0	JD	72 01 07	1348	219	638	3.43	100.0	175	366
103.0	30 48.0	117 04.0	JD	72 01 07	1700	209	656	3.19	100.0	47	120
103.0	30 36.0	117 24.0	JD	72 01 07	1925	210	659	3.14	100.0	25	5
103.0	30 26.0	117 44.5	JD	72 01 07	2222	210	654	3.21	100.0	32	12
103.0	30 06.2	118 22.0	JD	72 01 08	0335	218	683	3.19	100.0	13	24
103.0	29 46.5	119 04.0	JD	72 01 08	0818	207	712	2.91	100.0	8	3
103.0	29 26.0	119 43.0	JD	72 01 08	1322	211	701	3.01	100.0	1	4
107.0	30 28.0	116 07.0	JD	72 01 21	1032	36	139	2.62	100.0	31	214
107.0	30 26.0	116 11.0	JD	72 01 21	0936	210	696	3.01	100.0	68	79
107.0	30 21.5	116 22.5	JD	72 01 09	2109	217	646	3.36	100.0	64	377
107.0	30 11.0	116 42.0	JD	72 01 09	1815	208	645	3.23	100.0	33	153
107.0	29 51.0	117 23.0	JD	72 01 09	1336	214	688	3.11	100.0	2	3
107.0	29 31.0	118 02.0	JD	72 01 09	0830	210	707	2.97	100.0	2	7
107.0	29 11.0	118 41.0	JD	72 01 09	0231	214	735	2.92	100.0	4	9
107.0	28 48.0	119 20.0	JD	72 01 08	1802	202	728	2.77	100.0	3	12
110.0	29 51.0	115 50.0	JD	72 01 21	0530	29	111	2.63	100.0	17	17
110.0	29 44.0	116 04.0	JD	72 01 10	0145	219	667	3.28	100.0	15	63
110.0	29 35.5	116 21.0	JD	72 01 10	0607	215	662	3.25	100.0	7	53
110.0	29 26.0	116 40.0	JD	72 01 10	0814	212	703	3.01	100.0	7	5
110.0	29 20.0	117 00.0	JD	72 01 10	1120	210	688	3.06	100.0	14	7
110.0	29 06.5	117 19.0	JD	72 01 10	1356	218	667	3.28	100.0	1	4
110.0	28 53.0	117 38.0	JD	72 01 10	1747	211	680	3.10	100.0	11	1
110.0	28 36.5	118 18.0	JD	72 01 10	2213	211	745	2.83	100.0	3	0
110.0	28 16.5	118 57.5	JD	72 01 11	0408	217	675	3.22	100.0	4	7
113.0	29 24.0	115 13.0	JD	72 01 20	2346	19	91	2.13	100.0	1	45
113.0	29 22.0	115 18.0	JD	72 01 21	0050	51	192	2.66	100.0	4	20
113.0	29 11.5	115 38.0	JD	72 01 12	0723	218	642	3.39	100.0	91	1441
113.0	29 01.0	115 57.2	JD	72 01 12	0439	209	679	3.08	100.0	367	405
113.0	28 52.5	116 17.0	JD	72 01 12	0149	221	672	3.28	100.0	13	195
113.0	28 41.5	116 37.0	JD	72 01 11	2337	216	659	3.28	100.0	11	1
113.0	28 22.0	117 14.0	JD	72 01 11	1908	219	662	3.31	100.0	2	2
113.0	28 02.0	117 54.8	JD	72 01 11	1347	217	684	3.17	100.0	3	0
113.0	27 42.0	118 33.5	JD	72 01 11	0845	212	718	2.96	100.0	3	9
117.0	28 58.0	114 36.5	JD	72 01 20	1700	42	158	2.68	100.0	2	24
117.0	28 56.0	114 41.5	JD	72 01 20	1748	72	239	3.00	100.0	2	11
117.0	28 48.0	114 56.5	JD	72 01 20	1949	85	299	2.84	100.0	4	99
117.0	28 38.0	115 16.0	JD	72 01 12	1131	176	603	2.92	100.0	13	344
117.0	28 32.8	115 40.0	JD	72 01 12	1431	219	652	3.36	100.0	514	424
117.0	28 18.0	115 55.0	JD	72 01 12	1643	220	652	3.38	100.0	3	12
117.0	28 09.0	116 15.0	JD	72 01 12	1949	214	675	3.17	100.0	32	14
117.0	28 09.0	116 53.0	JD	72 01 13	0116	220	646	3.40	100.0	11	1
117.0	27 48.0	117 33.0	JD	72 01 13	0540	217	661	3.28	100.0	6	3
117.0	27 28.0	118 10.5	JD	72 01 13	1020	217	692	3.13	100.0	24	70
119.0	28 19.0	114 53.0	JD	72 01 20	0743	102	328	3.10	100.0	0	127

TABLE 1. (cont.)

CALCOFI Cruise 7201

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	28 24.0	114 10.5	JD	72 01 20	1315	29	102	2.86	100.0	3	22
120.0	28 22.3	114 14.8	JD	72 01 20	1222	28	102	2.77	100.0	7	125
120.0	28 13.0	114 34.0	JD	72 01 20	1000	78	326	2.40	100.0	0	60
120.0	28 02.7	114 54.2	JD	72 01 20	0525	72	248	2.88	100.0	1	41
120.0	27 56.5	115 14.0	JD	72 01 14	1725	35	145	2.39	100.0	28	14
120.0	27 42.3	115 33.1	JD	72 01 14	1406	216	693	3.11	100.0	1	94
120.0	27 33.0	115 52.5	JD	72 01 14	0945	205	697	2.95	100.0	1	0
120.0	27 11.5	116 30.5	JD	72 01 14	0513	211	675	3.13	100.0	10	6
120.0	26 53.0	117 10.0	JD	72 01 13	2326	213	686	3.10	100.0	12	1
120.0	26 32.0	117 49.0	JD	72 01 13	1843	209	722	2.89	100.0	0	3
123.0	27 26.0	114 36.0	JD	72 01 14	2158	35	133	2.65	100.0	5	155
123.0	27 24.0	114 40.0	JD	72 01 14	2252	51	177	2.87	100.0	36	138
123.0	27 14.0	114 48.8	JD	72 01 15	0059	218	692	3.15	100.0	101	246
123.0	27 08.0	115 10.0	JD	72 01 15	0242	217	412	5.27	100.0	15	9
123.0	26 58.0	115 31.0	JD	72 01 15	0532	216	639	3.38	100.0	1	3
123.0	26 38.0	116 09.0	JD	72 01 15	1142	213	684	3.11	100.0	1	9
127.0	26 57.5	114 02.2	JD	72 01 16	0635	42	154	2.75	100.0	15	203
127.0	26 55.0	114 06.5	JD	72 01 16	0546	72	230	3.11	100.0	44	676
127.0	26 43.5	114 29.0	JD	72 01 16	0253	218	643	3.39	100.0	35	13
127.0	26 33.0	114 48.5	JD	72 01 15	2348	211	704	3.00	100.0	98	428
127.0	26 23.0	115 08.0	JD	72 01 15	2127	216	678	3.18	100.0	13	28
127.0	26 04.8	115 46.1	JD	72 01 15	1656	214	668	3.20	100.0	5	40
130.0	26 33.5	113 21.0	JD	72 01 16	1113	49	164	3.03	100.0	26	386
130.0	26 29.0	113 29.0	JD	72 01 16	1227	71	239	2.95	100.0	61	103
130.0	26 19.0	113 48.0	JD	72 01 16	1427	212	694	3.06	100.0	84	94
130.0	26 10.0	114 07.5	JD	72 01 16	1830	210	675	3.11	100.0	205	4524
130.0	25 48.0	114 47.0	JD	72 01 16	2318	207	698	2.97	100.0	2	6
133.0	26 08.5	112 40.2	JD	72 01 18	0814	63	643	3.25	100.0	11	136
133.0	26 04.0	112 47.0	JD	72 01 18	0712	65	235	2.68	100.0	10	253
133.0	25 55.0	113 07.5	JD	72 01 18	0442	175	546	2.51	100.0	9	110
133.0	25 44.5	113 26.0	JD	72 01 18	0213	215	642	3.35	100.0	35	196
133.0	25 34.5	113 45.5	JD	72 01 17	2358	212	625	3.39	100.0	954	133
133.0	25 13.5	114 24.0	JD	72 01 17	1917	214	661	3.24	100.0	1779	43
133.0	24 54.0	115 02.3	JD	72 01 17	1450	214	669	3.20	100.0	8	3
137.0	25 35.9	112 15.0	JD	72 01 18	1230	51	180	2.81	100.0	871	752
137.0	25 34.1	112 19.2	JD	72 01 18	1347	65	209	3.08	100.0	217	448
137.0	25 17.0	112 45.5	JD	72 01 18	1650	210	584	3.59	100.0	450	8
137.0	25 10.3	113 05.0	JD	72 01 18	1904	208	587	3.55	100.0	42	1086
137.0	25 00.0	113 24.0	JD	72 01 18	2238	204	642	3.18	100.0	64	390
137.0	24 39.6	114 02.8	JD	72 01 19	0322	215	648	3.31	100.0	68	301
137.0	24 20.0	114 41.0	JD	72 01 19	0855	211	676	3.12	100.0	62	682

TABLE 1. (cont.)

CalCOFI Cruise 7202

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
40.0	41 47.0	124 28.0	AB	72 02 24	1400	122	491	4.98	50.0	11	3
40.0	41 44.8	124 35.2	AB	72 02 24	1700	199	780	5.10	50.0	13	3
40.0	41 32.5	125 00.7	AB	72 02 24	2200	219	484	9.06	50.0	27	28
40.0	41 23.3	125 22.2	AB	72 02 25	0025	217	596	7.30	50.0	76	28
40.0	41 13.0	125 45.0	AB	72 02 25	0400	217	641	6.78	50.0	100	121
40.0	41 03.0	125 10.8	AB	72 02 25	0855	168	758	4.44	50.0	75	78
40.0	41 53.8	126 32.0	AB	72 02 25	1510	167	742	4.50	50.0	39	74
43.0	41 04.2	124 21.0	AB	72 02 26	1620	130	428	6.06	50.0	84	16
43.0	40 58.2	124 34.7	AB	72 02 26	1330	209	651	6.42	50.0	15	17
43.0	40 47.9	124 59.1	AB	72 02 26	1010	208	656	6.34	50.0	26	35
43.0	40 38.0	125 19.9	AB	72 02 26	0631	218	648	6.72	50.0	53	19
43.0	40 28.0	125 42.8	AB	72 02 26	0223	210	686	6.12	50.0	47	39
43.0	40 18.0	126 05.5	AB	72 02 25	2355	208	711	5.84	50.0	95	63
43.0	40 08.0	126 28.0	AB	72 02 25	1920	213	641	6.64	50.0	59	27
47.0	40 14.0	124 33.0	AB	72 02 27	0605	182	678	5.38	50.0	156	64
47.0	40 10.0	124 42.2	AB	72 02 27	0855	207	616	6.74	50.0	37	30
47.0	39 54.9	125 17.5	AB	72 02 27	1335	201	700	5.74	50.0	23	20
47.0	39 48.8	125 33.7	AB	72 02 27	1735	191	693	5.52	50.0	43	63
47.0	39 35.0	126 01.5	AB	72 02 27	2235	208	592	7.04	50.0	90	39
47.0	39 15.0	126 47.0	AB	72 02 28	0422	220	585	7.52	50.0	125	68
50.0	39 45.5	123 55.0	AB	72 02 29	1910	107	321	6.66	50.0	19	12
50.0	39 40.1	124 08.1	AB	72 02 29	1505	218	564	7.74	50.0	12	11
50.0	39 30.0	124 30.0	AB	72 02 29	1118	221	655	6.74	50.0	20	19
50.0	39 20.0	124 51.5	AB	72 02 29	0803	217	664	6.54	50.0	28	18
50.0	39 09.6	125 12.8	AB	72 02 29	0354	208	679	6.12	50.0	32	30
50.0	39 00.0	125 32.1	AB	72 02 28	2325	213	699	6.10	50.0	31	16
50.0	38 40.0	126 21.0	AB	72 02 28	1710	202	652	6.20	50.0	11	31
50.0	38 40.0	127 04.0	AB	72 02 28	1215	205	606	6.76	50.0	10	30
53.0	39 02.0	123 52.0	AB	72 03 01	0330	93	268	6.94	50.0	25	5
53.0	38 56.0	124 05.0	AB	72 03 01	0618	211	637	6.64	50.0	27	10
53.0	38 46.0	124 27.0	AB	72 03 01	0951	213	575	7.42	50.0	19	41
53.0	38 36.2	124 48.5	AB	72 03 01	1335	219	577	7.60	50.0	25	14
53.0	38 26.0	125 11.0	AB	72 03 01	1720	217	593	7.30	50.0	22	18
53.0	38 06.0	125 55.0	AB	72 03 01	2250	183	634	5.78	50.0	44	33
57.0	38 30.0	123 23.0	AB	72 03 02	2350	73	214	6.84	50.0	56	11
57.0	38 22.6	123 40.0	AB	72 03 02	1910	207	683	6.06	50.0	70	10
57.0	38 12.0	124 02.0	AB	72 03 02	1550	221	563	7.84	50.0	5	17
57.0	38 02.0	124 24.0	AB	72 03 02	1235	217	519	8.35	50.0	4	14
57.0	37 51.0	124 47.0	AB	72 03 02	0920	214	581	7.36	50.0	38	36
57.0	37 32.0	125 29.0	AB	72 03 02	0432	209	657	6.34	50.0	31	13
60.0	37 57.5	122 53.0	AX	72 02 26	1844	32	198	1.60	100.0	12	143
60.0	37 54.0	123 02.8	AX	72 02 26	2019	71	205	3.48	100.0	23	151
60.0	37 54.0	123 01.7	AB	72 03 03	2112	49	195	5.02	100.0	23	123
60.0	37 47.9	123 15.6	AX	72 02 26	2218	98	277	3.52	100.0	138	41
60.0	37 47.0	123 15.0	AB	72 03 04	0950	215	631	6.82	50.0	46	21

TABLE 1. (cont.)

CALCOFI Cruise 7202

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	37 36.9	123 36.9	AX	72 02 27	0402	217	644	3.37	100.0	156	675
60.0	37 37.4	123 37.0	AB	72 03 04	1305	212	499	8.47	50.0	54	154
60.0	37 25.4	124 04.0	AX	72 02 27	0655	222	477	4.65	100.0	135	249
60.0	37 27.0	123 59.0	AB	72 03 04	1655	210	583	7.18	50.0	124	80
60.0	37 17.0	124 21.0	AB	72 03 04	2020	204	627	6.52	50.0	30	25
60.0	37 16.5	124 23.0	AX	72 02 27	1106	216	649	3.33	100.0	61	119
60.0	36 56.0	125 04.0	AB	72 03 05	0212	215	633	6.80	50.0	58	15
60.0	36 37.0	125 47.0	AB	72 03 05	0727	209	647	6.44	50.0	13	13
63.0	37 23.4	122 27.8	AX	72 02 26	1438	18	78	2.29	100.0	148	1430
63.0	37 19.0	122 36.0	AB	72 03 06	1335	56	301	3.72	50.0	34	409
63.0	37 19.0	122 36.3	AX	72 02 26	1232	77	207	3.72	100.0	170	201
63.0	37 12.8	122 50.2	AX	72 02 26	1030	216	627	3.44	100.0	51	21
63.0	37 13.0	122 49.5	AB	72 03 06	1057	207	630	6.56	50.0	7	17
63.0	37 02.6	123 11.1	AX	72 02 26	0756	220	676	3.25	100.0	51	27
63.0	37 04.3	123 11.0	AB	72 03 06	0711	213	600	7.12	50.0	60	98
63.0	36 52.3	123 32.2	AX	72 02 26	0341	212	636	3.33	100.0	121	104
63.0	36 53.0	123 22.0	AB	72 03 06	0250	207	593	6.98	50.0	15	19
63.0	36 41.3	123 56.0	AX	72 02 26	0018	208	661	3.15	100.0	8	93
63.0	36 43.0	123 55.0	AB	72 03 05	2300	202	688	5.88	50.0	21	26
63.0	36 23.0	124 38.5	AB	72 03 05	1715	203	673	6.04	50.0	15	16
63.0	36 03.0	125 20.0	AB	72 03 05	1215	207	663	6.26	50.0	5	34
67.0	36 50.8	122 00.5	AX	72 02 24	1738	72	352	2.06	100.0	69	26
67.0	36 49.0	122 04.5	AX	72 02 24	1920	102	311	3.28	100.0	487	54
67.0	36 38.7	122 25.7	AX	72 02 24	2240	54	208	5.20	50.0	146	20
67.0	36 39.0	122 26.0	AB	72 03 07	0813	216	734	2.86	100.0	55	40
67.0	36 28.0	122 46.6	AB	72 03 07	1133	213	593	7.42	50.0	67	63
67.0	36 29.0	122 47.5	AX	72 02 25	0342	203	700	2.91	100.0	380	247
67.0	36 18.9	123 08.7	AX	72 02 25	1510	207	675	3.06	100.0	54	49
67.0	36 18.2	123 09.0	AB	72 03 07	1440	212	604	7.04	50.0	15	18
67.0	36 08.2	123 29.7	AX	72 02 25	1829	210	679	3.09	100.0	54	75
67.0	36 08.0	123 29.5	AB	72 03 07	1720	208	594	7.00	50.0	28	17
67.0	35 48.0	124 12.0	AB	72 03 07	2225	212	606	7.00	50.0	13	19
67.0	35 28.0	124 55.0	AB	72 03 08	0330	219	647	6.78	50.0	15	4
70.0	36 10.4	121 46.0	AX	72 02 24	1232	211	705	2.99	100.0	38	14
70.0	36 06.5	121 54.0	AX	72 02 24	1034	217	743	2.92	100.0	154	144
70.0	36 06.0	121 54.0	AB	72 03 09	0853	212	626	6.76	50.0	34	24
70.0	36 02.8	122 01.6	AB	72 03 09	0557	206	653	6.32	50.0	18	18
70.0	35 53.0	122 22.0	AB	72 03 09	0210	210	622	6.74	50.0	28	23
70.0	35 53.5	122 23.8	AX	72 02 24	0440	222	608	3.66	100.0	426	266
70.0	35 42.8	122 45.0	AX	72 02 24	0004	216	634	3.41	100.0	408	240
70.0	35 43.0	122 46.0	AB	72 03 08	2155	207	655	6.32	50.0	120	24
70.0	35 33.0	123 06.0	AB	72 03 08	1830	214	669	6.40	50.0	89	10
70.0	35 33.1	123 05.3	AX	72 02 23	1953	226	576	3.92	100.0	106	30
70.0	35 13.0	123 47.5	AX	72 02 23	1424	229	661	3.47	100.0	31	29

TABLE 1. (cont.)

CALCOFI Cruise 7202

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
70.0	80.0	123 47.5	AB	72 03 08	1325	213	655	6.50	50.0	3	4
70.0	90.0	124 30.0	AX	72 02 23	0702	215	693	3.10	100.0	195	14
70.0	90.0	124 30.0	AB	72 03 08	0902	211	641	6.58	50.0	15	4
73.0	50.0	121 19.8	AB	72 03 09	1420	209	620	6.76	50.0	15	16
73.0	50.0	121 17.4	AX	72 02 22	0030	96	391	2.47	100.0	624	16
73.0	53.0	121 28.4	AX	72 02 22	0346	208	561	3.71	100.0	192	9
73.0	53.0	121 28.0	AB	72 03 09	2110	199	647	6.14	50.0	98	22
73.0	60.0	121 57.4	AX	72 02 22	0853	216	704	3.07	100.0	1028	290
73.0	60.0	121 58.0	AB	72 03 10	0659	211	680	6.22	50.0	30	28
73.0	65.0	122 20.5	AX	72 02 22	1219	221	695	3.18	100.0	294	174
73.0	65.0	122 19.0	AB	72 03 10	1019	216	569	7.60	50.0	25	47
73.0	70.0	122 40.0	AB	72 03 10	1335	215	613	7.02	50.0	84	131
73.0	70.0	122 40.9	AX	72 02 22	1535	244	590	4.14	100.0	75	21
73.0	80.0	123 22.0	AB	72 03 10	1910	210	640	6.56	50.0	66	44
73.0	80.0	123 21.3	AX	72 02 22	2019	222	736	3.02	100.0	4	16
73.0	90.0	124 04.2	AX	72 02 23	0138	216	670	3.23	100.0	48	31
73.0	90.0	124 04.0	AB	72 03 11	0040	212	613	6.92	50.0	50	10
77.0	48.0	120 43.2	AX	72 02 17	1100	17	148	1.17	100.0	1338	1297
77.0	51.0	120 56.5	AB	72 03 12	0556	209	658	6.34	50.0	49	36
77.0	51.0	120 56.3	AX	72 02 17	0854	218	636	3.43	100.0	5817	33
77.0	55.0	121 13.0	AB	72 03 12	0215	206	703	5.86	50.0	61	52
77.0	55.0	121 12.5	AX	72 02 17	0547	222	536	4.15	100.0	465	193
77.0	60.0	121 33.6	AX	72 02 17	0250	225	685	3.28	100.0	144	144
77.0	60.0	121 34.0	AB	72 03 11	2223	205	637	6.44	50.0	74	432
77.0	65.0	121 53.8	AX	72 02 16	2319	209	659	3.17	100.0	1935	63
77.0	65.0	121 55.0	AB	72 03 11	1915	208	626	6.64	50.0	241	102
77.0	70.0	122 15.2	AX	72 02 16	1755	223	491	4.54	100.0	118	157
77.0	70.0	122 16.0	AB	72 03 11	1605	209	599	7.00	50.0	164	191
77.0	80.0	122 57.0	AB	72 03 11	1056	210	645	6.54	50.0	19	50
77.0	80.0	122 56.0	AX	72 02 16	1250	231	611	3.78	100.0	59	237
77.0	90.0	123 38.5	AB	72 03 11	0531	212	646	6.58	50.0	20	9
80.0	51.0	120 32.5	AX	72 02 13	0226	72	229	3.14	100.0	43	66
80.0	52.0	120 36.5	AX	72 02 13	0106	221	639	3.46	100.0	260	282
80.0	55.0	120 48.4	AX	72 02 12	2155	213	633	3.36	100.0	116	159
80.0	60.0	121 09.0	AX	72 02 12	0420	226	621	3.63	100.0	11	74
80.0	70.0	121 51.0	AX	72 02 11	2157	211	670	3.15	100.0	242	162
80.0	80.0	122 30.8	AX	72 02 11	0703	221	654	3.38	100.0	20	82
80.0	90.0	123 13.0	AX	72 02 11	0148	226	551	4.10	100.0	67	43
82.0	47.0	119 59.2	AX	72 02 13	0629	229	481	4.76	100.0	103	1998
83.0	40.0	119 21.8	AX	72 02 13	1147	15	89	1.69	100.0	35	48
83.0	43.0	119 33.6	AX	72 02 13	0951	215	655	3.28	100.0	368	290
83.0	51.0	120 07.5	AX	72 02 12	1628	105	231	4.56	100.0	194	119
83.0	55.0	120 24.8	AX	72 02 12	1342	213	654	3.26	100.0	1074	853
83.0	60.0	120 45.4	AX	72 02 12	1036	217	627	3.47	100.0	829	692
83.0	70.0	121 25.8	AX	72 02 11	1653	220	643	3.43	100.0	111	106

TABLE 1. (cont.)

CALCOFI Cruise 7202

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
83.0	80.0	32 53.0	AX	72 02 11	1157	225	617	3.64	100.0	74	118
83.0	90.0	32 36.5	AX	72 02 10	1931	208	658	3.15	100.0	143	34
87.0	33.0	33 54.2	AL	72 02 08	1425	36	194	1.86	100.0	105	1459
87.0	35.0	33 50.0	AL	72 02 08	1735	197	882	2.23	100.0	70	1107
87.0	40.0	33 40.0	AL	72 02 08	2125	206	649	3.17	100.0	78	1302
87.0	45.0	33 30.0	AL	72 02 09	0130	184	660	2.79	100.0	2	49
87.0	50.0	33 20.0	AL	72 02 09	0500	26	196	1.32	100.0	149	1270
87.0	55.0	33 09.2	AL	72 02 09	0835	211	656	3.21	100.0	1299	749
87.0	60.0	32 59.5	AL	72 02 09	1209	204	759	2.68	100.0	2400	5763
87.0	70.0	32 41.0	AL	72 02 09	1900	208	714	2.91	100.0	36	152
87.0	80.0	32 20.0	AL	72 02 10	0121	188	730	2.58	100.0	32	96
87.0	90.0	32 00.0	AL	72 02 10	0725	210	687	3.06	100.0	5	26
90.0	28.0	33 28.3	AX	72 02 08	1512	223	627	3.56	100.0	251	1584
90.0	32.0	33 20.7	AX	72 02 08	1714	232	636	3.65	100.0	325	3663
90.0	37.0	33 11.1	AX	72 02 08	2352	223	607	3.67	100.0	968	2228
90.0	45.0	32 54.8	AX	72 02 09	0522	221	637	3.48	100.0	596	1076
90.0	53.0	32 38.6	AX	72 02 09	1007	216	618	3.50	100.0	131	748
90.0	60.0	32 24.6	AX	72 02 09	1609	214	677	3.16	100.0	333	1261
90.0	70.0	32 06.0	AX	72 02 09	2145	218	635	3.43	100.0	205	73
90.0	80.0	31 43.5	AX	72 02 10	0425	226	498	4.55	100.0	11	29
90.0	90.0	31 21.0	AX	72 02 10	0907	216	651	3.32	100.0	6	22
93.0	27.0	32 56.0	AL	72 02 13	1712	120	263	4.56	100.0	157	109
93.0	28.0	32 54.7	AL	72 02 13	1607	212	677	3.13	100.0	301	659
93.0	30.0	32 50.5	AL	72 02 13	1300	212	698	3.03	100.0	74	256
93.0	35.0	32 40.5	AL	72 02 13	0925	207	683	3.03	100.0	347	1000
93.0	40.0	32 30.0	AL	72 02 13	0507	210	668	3.14	100.0	36	473
93.0	45.0	32 20.0	AL	72 02 13	0032	207	668	3.11	100.0	220	3218
93.0	50.0	32 10.0	AL	72 02 12	2045	210	495	4.25	100.0	16	239
93.0	55.0	32 00.0	AL	72 02 12	1650	211	654	3.23	100.0	147	5384
93.0	60.0	31 50.0	AL	72 02 12	1328	207	661	3.14	100.0	53	262
93.0	70.0	31 30.0	AL	72 02 12	0715	201	740	2.71	100.0	63	240
93.0	80.0	31 10.0	AL	72 02 12	0145	215	635	3.38	100.0	85	83
93.0	90.0	30 50.0	AL	72 02 11	1920	203	626	3.24	100.0	95	98
93.0	100.0	30 30.0	AL	72 02 11	1342	209	733	2.85	100.0	5	60
93.0	110.0	30 08.0	AL	72 02 11	0730	214	715	2.99	100.0	3	105
93.0	120.0	29 48.5	AL	72 02 11	0127	210	774	2.72	100.0	13	13
97.0	29.0	32 17.5	AL	72 02 15	0020	37	147	2.62	100.0	59	123
97.0	30.0	32 16.0	AL	72 02 15	0135	33	140	2.22	100.0	13	223
97.0	32.0	32 12.0	AL	72 02 15	0325	212	705	3.01	100.0	74	1085
97.0	35.0	32 05.0	AL	72 02 15	0603	209	715	2.92	100.0	332	536
97.0	40.0	31 55.5	AL	72 02 15	0945	212	541	3.92	100.0	501	2656
97.0	45.0	31 46.0	AL	72 02 15	1350	214	554	3.86	100.0	57	655
97.0	50.0	31 36.0	AL	72 02 15	1756	211	709	2.98	100.0	19	271
97.0	55.0	31 24.0	AL	72 02 15	2147	212	719	2.94	100.0	402	78
97.0	60.0	31 15.0	AL	72 02 16	0130	212	745	2.85	100.0	17	12

TABLE 1. (cont.)

CALCOFI Cruise 7202

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code yr.	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
97.0	30 54.0	119 50.0	AL	72 02 16	0800	198	731	2.71	100.0	240	49
97.0	30 35.0	120 30.0	AL	72 02 16	1315	214	717	2.99	100.0	643	116
97.0	30 15.0	121 09.5	AL	72 02 16	2025	206	759	2.71	100.0	41	12
100.0	31 42.2	116 43.4	JD	72 02 01	0227	85	296	2.88	100.0	2	10
100.0	31 40.5	116 46.4	JD	72 02 01	0419	212	666	3.19	100.0	57	28
100.0	31 30.5	117 07.0	JD	72 02 01	0659	214	671	3.19	100.0	18	268
100.0	31 21.0	117 27.0	JD	72 02 01	1053	216	629	3.44	100.0	176	264
100.0	31 01.5	118 06.0	JD	72 02 01	1555	213	692	3.07	100.0	10	6
100.0	30 40.5	118 47.5	JD	72 02 01	2155	218	654	3.34	100.0	29	7
100.0	30 20.0	119 27.0	JD	72 02 02	0532	211	716	2.95	100.0	8	15
100.0	30 00.0	120 07.0	JD	72 02 02	1113	218	641	3.41	100.0	6	20
100.0	29 40.5	120 48.0	JD	72 02 02	1616	209	663	3.15	100.0	5	17
103.0	31 07.0	116 21.0	AL	72 02 18	1909	13	82	1.57	100.0	110	45
103.0	31 06.0	116 24.5	AL	72 02 18	1820	39	195	1.98	100.0	525	76
103.0	30 56.0	116 45.0	AL	72 02 18	1535	207	655	3.17	100.0	153	247
103.0	30 47.0	117 06.0	AL	72 02 18	1140	201	676	2.97	100.0	78	639
103.0	30 35.0	117 24.0	AL	72 02 18	0725	206	704	2.93	100.0	19	86
103.0	30 26.0	117 44.0	AL	72 02 18	0349	215	706	3.05	100.0	363	75
103.0	30 14.0	118 05.0	AL	72 02 17	2357	215	776	2.77	100.0	31	6
103.0	30 06.0	118 25.0	AL	72 02 17	2020	212	735	2.88	100.0	8	60
103.0	29 46.5	119 04.0	AL	72 02 17	1434	211	785	2.69	100.0	15	68
103.0	29 21.0	119 40.0	AL	72 02 17	0745	217	729	2.97	100.0	5	63
107.0	30 25.8	116 07.0	AL	72 02 18	2350	24	134	1.79	100.0	209	142
107.0	30 21.5	116 11.5	AL	72 02 19	0205	213	665	3.20	100.0	92	5094
107.0	30 10.0	116 22.5	AL	72 02 19	0435	209	618	3.38	100.0	864	3305
107.0	29 50.5	117 42.0	AL	72 02 19	0821	201	761	2.64	100.0	509	157
107.0	29 30.0	117 22.0	AL	72 02 19	1415	206	693	2.98	100.0	5	12
107.0	29 11.0	118 01.0	AL	72 02 19	2010	202	749	2.70	100.0	19	18
107.0	28 51.0	118 41.0	AL	72 02 20	0155	213	746	2.86	100.0	17	63
110.0	29 51.1	115 49.4	JD	72 02 04	0745	210	714	2.95	100.0	61	123
110.0	29 46.0	116 00.0	JD	72 02 04	1405	35	147	2.35	100.0	17	35
110.0	29 36.5	116 19.5	JD	72 02 04	1203	214	649	3.31	100.0	200	38
110.0	29 26.9	116 39.2	JD	72 02 04	0826	210	650	3.24	100.0	1280	1971
110.0	29 17.3	116 58.8	JD	72 02 04	0349	216	668	3.23	100.0	294	996
110.0	29 06.0	117 19.0	JD	72 02 03	0115	214	650	3.30	100.0	123	37
110.0	28 56.7	117 38.5	JD	72 02 03	1607	213	651	3.27	100.0	3	4
110.0	28 36.5	118 18.0	JD	72 02 03	1023	210	651	3.25	100.0	5	18
110.0	28 16.0	118 56.3	JD	72 02 03	0525	210	688	3.06	100.0	11	5
113.0	29 24.2	115 13.2	AL	72 02 22	1043	11	58	3.13	100.0	21	14
113.0	29 10.0	115 18.0	AL	72 02 22	0953	43	154	1.84	100.0	24	3
113.0	29 02.0	115 42.0	AL	72 02 22	0615	210	727	2.89	100.0	69	34
113.0	28 49.0	116 17.0	AL	72 02 21	2148	207	726	2.94	100.0	65	2251
113.0	28 41.5	116 36.0	AL	72 02 21	1813	222	708	2.92	100.0	12	383
113.0	28 41.5	116 36.0	AL	72 02 21	1813	222	663	3.35	100.0	398	97

TABLE 1. (cont.)

CALCOFI Cruise 7202

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
113.0	60.0	28 18.0	AL	72 02 21	209	733	2.86	100.0	2180	1263
113.0	70.0	28 02.0	AL	72 02 21	208	702	2.96	100.0	70	1080
113.0	80.0	27 40.0	AL	72 02 21	214	768	2.78	100.0	27	16
117.0	25.0	28 58.0	AL	72 02 22	45	136	3.31	100.0	0	7
117.0	26.0	28 56.0	AL	72 02 22	54	202	2.68	100.0	8	37
117.0	30.0	28 48.0	AL	72 02 22	86	315	2.74	100.0	10	148
117.0	35.0	28 38.0	AL	72 02 22	162	584	2.78	100.0	118	87
117.0	40.0	28 28.0	AL	72 02 24	227	676	3.36	100.0	186	28
117.0	45.0	28 18.0	AL	72 02 24	206	748	2.76	100.0	22	270
117.0	50.0	28 08.0	AL	72 02 24	205	737	2.79	100.0	28	169
117.0	60.0	27 48.0	AL	72 02 25	209	681	3.07	100.0	4	6
117.0	70.0	27 24.5	AL	72 02 25	208	762	2.73	100.0	95	1117
117.0	80.0	27 08.0	AL	72 02 25	210	771	2.72	100.0	23	19
118.0	39.0	28 18.5	AL	72 02 24	213	583	3.66	100.0	41	64
119.0	33.0	28 19.0	JD	72 02 05	98	341	2.88	100.0	0	137
120.0	24.0	28 24.2	JD	72 02 05	36	143	2.55	100.0	11	92
120.0	25.0	28 22.5	JD	72 02 05	44	152	2.86	100.0	9	87
120.0	30.0	28 13.0	JD	72 02 05	84	288	2.91	100.0	6	25
120.0	35.0	28 03.0	JD	72 02 05	72	244	2.96	100.0	1	30
120.0	40.0	27 56.5	JD	72 02 05	35	133	2.64	100.0	19	5
120.0	45.0	27 43.1	JD	72 02 05	214	631	3.39	100.0	6	2
120.0	50.0	27 32.5	JD	72 02 05	209	684	3.06	100.0	3	5
120.0	60.0	27 13.0	JD	72 02 05	218	654	3.33	100.0	4	9
120.0	70.0	26 53.0	JD	72 02 06	216	684	3.16	100.0	11	43
120.0	80.0	26 32.5	JD	72 02 06	214	679	3.15	100.0	3	42
123.0	36.0	27 26.0	JD	72 02 07	50	177	2.83	100.0	201	450
123.0	37.0	27 14.0	JD	72 02 07	63	225	2.82	100.0	675	422
123.0	42.0	27 14.0	JD	72 02 07	213	644	3.31	100.0	343	2321
123.0	45.0	27 08.0	JD	72 02 07	216	652	3.31	100.0	92	994
123.0	50.0	26 58.0	JD	72 02 07	213	712	2.99	100.0	23	8
123.0	60.0	26 38.0	JD	72 02 06	218	671	3.25	100.0	3	3
127.0	33.0	26 57.5	JD	72 02 07	64	246	2.61	100.0	36	239
127.0	34.0	26 55.5	JD	72 02 07	43	138	3.15	100.0	138	112
127.0	40.0	26 43.5	JD	72 02 07	214	660	3.24	100.0	830	585
127.0	45.0	26 33.0	JD	72 02 07	201	655	3.07	100.0	111	10
127.0	50.0	26 23.0	JD	72 02 08	216	625	3.46	100.0	592	1105
127.0	60.0	26 04.0	JD	72 02 08	216	649	3.32	100.0	198	15
130.0	28.0	26 33.1	JD	72 02 09	51	170	2.99	100.0	39	351
130.0	30.0	26 29.0	JD	72 02 09	72	237	3.02	100.0	8	8
130.0	35.0	26 19.0	JD	72 02 08	214	629	3.41	100.0	133	372
130.0	40.0	26 09.0	JD	72 02 08	206	643	3.21	100.0	2486	3832
130.0	50.0	25 59.5	JD	72 02 08	216	654	3.30	100.0	473	154
130.0	60.0	25 29.0	JD	72 02 08	214	638	3.35	100.0	6	20
133.0	23.0	26 08.5	JD	72 02 09	70	235	2.99	100.0	5	60
133.0	25.0	26 05.0	JD	72 02 09	78	273	2.87	100.0	2	57

TABLE I. (cont.)

CalCOFI Cruise 7202

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
133.0	30.0	25 55.0	JD	72 02 09	1134	188	607	3.09	100.0	35	174
133.0	35.0	25 44.8	JD	72 02 09	1426	213	678	3.15	100.0	8	1054
133.0	40.0	25 32.5	JD	72 02 09	1753	212	672	3.16	100.0	106	189
133.0	50.0	25 14.0	JD	72 02 09	2221	210	642	3.28	100.0	168	55
133.0	60.0	24 53.5	JD	72 02 10	0536	210	673	3.12	100.0	15	110
137.0	22.0	25 36.0	JD	72 02 11	0543	50	194	2.58	100.0	1499	449
137.0	23.0	25 34.0	JD	72 02 11	0457	67	264	2.54	100.0	2704	441
137.0	30.0	25 19.9	JD	72 02 11	0139	217	658	3.29	100.0	43	5
137.0	35.0	25 11.0	JD	72 02 10	2255	211	682	3.10	100.0	118	35
137.0	40.0	25 00.0	JD	72 02 10	2048	212	649	3.27	100.0	68	110
137.0	50.0	24 39.5	JD	72 02 10	1533	216	638	3.39	100.0	2	49
137.0	60.0	24 20.0	JD	72 02 10	1056	213	636	3.35	100.0	15	16
140.0	30.0	24 45.5	JD	72 02 11	1226	98	306	3.21	100.0	1069	777
140.0	35.0	24 35.5	JD	72 02 11	1450	214	669	3.20	100.0	44	54
140.0	40.0	24 26.0	JD	72 02 11	1909	212	626	3.38	100.0	39	29
140.0	45.0	24 15.0	JD	72 02 11	2230	215	629	3.42	100.0	39	156
140.0	50.0	24 05.0	JD	72 02 12	0030	216	608	3.55	100.0	134	282
140.0	55.0	23 56.2	JD	72 02 12	0240	215	620	3.46	100.0	43	179
140.0	60.0	23 45.5	JD	72 02 12	0621	211	596	3.54	100.0	14	306
143.0	26.0	24 19.0	JD	72 02 13	0714	68	231	2.96	100.0	40	149
143.0	30.0	24 16.7	JD	72 02 13	0500	194	588	3.30	100.0	13	29
143.0	35.0	24 01.8	JD	72 02 13	0140	217	639	3.39	100.0	44	116
143.0	40.0	23 50.0	JD	72 02 12	2248	210	654	3.22	100.0	152	29
143.0	45.0	23 40.5	JD	72 02 12	1923	203	674	3.02	100.0	61	307
143.0	50.0	23 30.5	JD	72 02 12	1641	213	651	3.26	100.0	19	55
143.0	55.0	23 19.6	JD	72 02 12	1340	212	635	3.33	100.0	26	47
143.0	60.0	23 10.0	JD	72 02 12	1057	218	605	3.60	100.0	17	97
147.0	20.0	23 56.2	JD	72 02 13	1323	136	447	3.05	100.0	5	10
147.0	25.0	23 46.7	JD	72 02 13	1608	212	684	3.10	100.0	6	20
147.0	30.0	23 33.7	JD	72 02 13	1947	212	695	3.04	100.0	78	291
147.0	35.0	23 25.0	JD	72 02 13	2258	209	666	3.14	100.0	183	350
147.0	40.0	23 16.5	JD	72 02 14	0200	216	630	3.42	100.0	109	562
147.0	45.0	23 05.5	JD	72 02 14	0435	212	644	3.29	100.0	116	1585
147.0	50.0	22 56.5	JD	72 02 14	0744	205	665	3.08	100.0	27	112
147.0	55.0	22 46.0	JD	72 02 14	0950	210	659	3.19	100.0	64	402
147.0	60.0	22 35.5	JD	72 02 14	1331	213	655	3.25	100.0	44	452
150.0	19.0	23 24.0	JD	72 02 15	1938	195	579	3.38	100.0	13	434
150.0	25.0	23 11.8	JD	72 02 15	1613	217	608	3.57	100.0	8	106
150.0	30.0	23 02.0	JD	72 02 15	1250	214	638	3.36	100.0	53	223
150.0	35.0	22 52.0	JD	72 02 15	0925	206	603	3.43	100.0	85	888
150.0	40.0	22 42.5	JD	72 02 15	0654	212	623	3.41	100.0	133	92
150.0	45.0	22 31.8	JD	72 02 15	0254	215	645	3.34	100.0	387	367
150.0	50.0	22 24.0	JD	72 02 15	0100	212	660	3.22	100.0	304	708
150.0	55.0	22 12.0	JD	72 02 14	2145	213	616	3.45	100.0	460	108
150.0	60.0	22 01.0	JD	72 02 14	1811	211	651	3.23	100.0	163	1124

TABLE 1. (cont.)

CalCOFI Cruise 7202												
Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs	
153.0	16.0	22 55.0	JD	72 02 16	0010	220	591	3.72	100.0	13	935	
153.0	20.0	22 47.0	JD	72 02 16	0338	221	624	3.53	100.0	90	4995	
153.0	25.0	22 37.0	JD	72 02 16	0615	216	620	3.49	100.0	85	305	
153.0	30.0	22 27.0	JD	72 02 16	1035	214	618	3.47	100.0	132	346	
153.0	35.0	22 16.9	JD	72 02 16	1335	212	657	3.23	100.0	57	202	
153.0	40.0	22 07.0	JD	72 02 16	1630	220	660	3.33	100.0	56	171	
153.0	45.0	21 57.0	JD	72 02 16	1932	210	665	3.16	100.0	252	50	
153.0	50.0	21 46.0	JD	72 02 17	2305	208	690	3.01	100.0	88	165	
153.0	55.0	21 36.5	JD	72 02 17	0117	209	670	3.12	100.0	74	525	
153.0	60.0	21 26.8	JD	72 02 17	0430	204	687	2.98	100.0	94	71	
157.0	10.0	22 32.0	JD	72 02 18	1702	210	658	3.19	100.0	349	133	
157.0	15.0	22 22.5	JD	72 02 18	1349	208	655	3.18	100.0	158	247	
157.0	20.0	22 13.0	JD	72 02 18	1048	212	662	3.21	100.0	59	225	
157.0	25.0	22 02.5	JD	72 02 18	0654	206	644	3.20	100.0	132	116	
157.0	30.0	21 52.5	JD	72 02 18	0357	206	667	3.08	100.0	189	346	
157.0	35.0	21 42.5	JD	72 02 18	0100	212	666	3.19	100.0	262	34	
157.0	40.0	21 32.5	JD	72 02 17	2140	213	688	3.09	100.0	245	266	
157.0	45.0	21 22.5	JD	72 02 17	1825	209	665	3.15	100.0	440	176	
157.0	50.0	21 12.5	JD	72 02 17	1606	208	686	3.03	100.0	89	178	
157.0	55.0	21 02.2	JD	72 02 17	1250	208	693	3.00	100.0	149	244	
157.0	60.0	20 52.0	JD	72 02 17	1013	209	682	3.06	100.0	80	585	

TABLE 1. (cont.)

CALCOFI Cruise 7203

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	37 57.5	122 53.1	JD	72 03 03	1915	35	130	2.64	100.0	30	337
60.0	37 53.4	123 03.4	JD	72 03 03	2110	73	229	3.17	100.0	38	322
60.0	37 48.0	123 15.5	JD	72 03 03	2245	85	301	2.83	100.0	393	73
60.0	37 37.5	123 39.6	JD	72 03 04	0229	217	599	3.63	100.0	236	236
60.0	37 25.5	123 58.3	JD	72 03 04	0430	211	528	4.00	100.0	699	132
60.0	37 14.5	124 21.5	JD	72 03 04	0743	214	627	3.41	100.0	82	49
60.0	36 56.0	125 04.0	JD	72 03 04	1237	215	668	3.21	100.0	70	49
60.0	36 37.0	125 47.0	JD	72 03 04	1825	214	688	3.10	100.0	79	21
63.0	37 23.0	122 28.0	JD	72 03 05	2155	27	105	2.58	100.0	50	21
63.0	37 19.0	122 36.0	JD	72 03 05	2032	66	257	2.57	100.0	15	515
63.0	37 13.0	122 50.0	JD	72 03 05	1815	213	620	3.44	100.0	64	48
63.0	37 03.0	123 12.0	JD	72 03 05	1540	208	676	3.07	100.0	51	117
63.0	36 53.0	123 33.0	JD	72 03 05	1140	212	523	4.05	100.0	17	90
63.0	36 42.5	123 55.0	JD	72 03 05	0920	211	663	3.19	100.0	82	40
63.0	36 23.0	124 38.5	JD	72 03 05	0420	210	668	3.15	100.0	45	29
63.0	36 03.0	125 20.0	JD	72 03 04	2320	213	681	3.12	100.0	47	132
67.0	36 52.9	121 56.0	JD	72 03 06	0210	35	118	2.95	100.0	46	70
67.0	36 48.0	122 05.0	JD	72 03 06	0426	210	627	3.34	100.0	177	56
67.0	36 39.0	122 26.0	JD	72 03 06	0728	207	565	3.66	100.0	88	85
67.0	36 29.0	122 47.0	JD	72 03 06	1140	216	583	3.71	100.0	28	71
67.0	36 18.0	123 09.0	JD	72 03 06	1348	213	656	3.24	100.0	38	33
67.0	36 08.0	123 29.5	JD	72 03 06	1706	213	663	3.21	100.0	16	18
67.0	35 48.0	124 12.0	JD	72 03 06	2148	214	660	3.23	100.0	50	21
67.0	35 28.0	124 55.0	JD	72 03 07	0238	209	674	3.10	100.0	110	9
70.0	36 06.5	121 54.5	JD	72 03 08	0532	211	646	3.26	100.0	225	64
70.0	35 53.0	122 22.0	JD	72 03 08	0116	209	661	3.16	100.0	384	112
70.0	35 43.0	122 45.0	JD	72 03 07	2112	208	682	3.05	100.0	474	87
70.0	35 33.0	123 06.0	JD	72 03 07	1854	211	662	3.19	100.0	167	62
70.0	34 53.0	124 29.0	JD	72 03 07	0752	209	689	3.35	100.0	61	40
73.0	35 37.0	121 17.0	JD	72 03 08	1136	89	312	3.03	100.0	51	4
73.0	35 31.5	121 28.5	JD	72 03 08	1405	211	660	2.83	100.0	28	12
73.0	35 17.5	121 57.5	JD	72 03 08	1921	213	633	3.36	100.0	227	82
73.0	35 08.5	122 19.0	JD	72 03 08	2152	209	678	3.09	100.0	574	44
73.0	34 58.0	122 40.0	JD	72 03 09	0110	211	646	3.26	100.0	191	328
73.0	34 38.0	123 22.0	JD	72 03 09	0601	212	655	3.23	100.0	1089	282
73.0	34 18.0	124 04.0	JD	72 03 09	1056	210	690	3.03	100.0	169	94
77.0	35 06.2	120 47.7	JD	72 03 10	1418	57	184	3.11	100.0	152	1268
77.0	35 02.0	120 56.0	JD	72 03 10	1246	214	671	3.19	100.0	137	34
77.0	34 54.5	121 13.0	JD	72 03 10	1008	204	668	3.05	100.0	159	8672
77.0	34 43.3	121 34.3	JD	72 03 10	0739	210	603	3.48	100.0	770	849
77.0	34 34.0	121 55.0	JD	72 03 10	0350	208	643	3.23	100.0	968	1451
77.0	34 24.2	122 15.2	JD	72 03 10	0141	210	596	3.51	100.0	742	22
77.0	34 04.0	122 57.0	JD	72 03 09	2045	214	620	3.45	100.0	82	74
77.0	33 43.0	123 39.0	JD	72 03 09	1542	213	725	2.94	100.0	14	31

TABLE 1. (cont.)

CalCOFI Cruise 7203

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code yr.	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs	
80.0	51.0	34 26.0	120 32.0	JD	72 03 15	0945	96	370	2.58	100.0	156	54
80.0	52.0	34 24.3	120 36.5	JD	72 03 15	0840	198	598	3.31	100.0	84	103
80.0	34 19.0	120 48.0	120 48.0	JD	72 03 15	0604	207	678	3.05	100.0	171	875
80.0	34 09.0	121 09.0	121 09.0	JD	72 03 15	0317	211	663	3.16	100.0	531	2118
80.0	33 49.0	121 53.0	121 53.0	JD	72 03 13	0002	212	687	3.08	100.0	249	5890
80.0	33 28.7	121 32.0	121 32.0	JD	72 03 13	0540	214	661	3.23	100.0	175	52
80.0	33 14.0	123 13.0	123 13.0	JD	72 03 13	1245	210	686	3.06	100.0	114	91
82.0	34 17.0	119 59.0	119 59.0	JD	72 03 15	2135	213	673	3.16	100.0	647	682
83.0	34 13.8	119 21.8	119 21.8	JD	72 03 16	0102	21	87	2.41	100.0	252	3143
83.0	33 52.0	120 08.5	120 08.5	JD	72 03 16	0546	118	401	2.95	100.0	590	73
83.0	33 44.0	120 24.5	120 24.5	JD	72 03 16	0824	203	685	2.96	100.0	466	653
83.0	33 34.0	120 45.0	120 45.0	JD	72 03 16	1221	203	700	2.90	100.0	18	148
83.0	33 14.5	121 26.0	121 26.0	JD	72 03 14	0412	215	685	3.13	100.0	188	101
83.0	32 54.0	122 08.0	122 08.0	JD	72 03 13	2304	208	699	2.97	100.0	199	33
83.0	32 34.5	122 50.0	122 50.0	JD	72 03 13	1810	208	700	2.96	100.0	97	30
87.0	33 54.2	118 29.4	118 29.4	JD	72 03 18	0533	43	152	2.81	100.0	221	1185
87.0	33 49.7	118 37.7	118 37.7	JD	72 03 18	0407	204	675	3.01	100.0	420	621
87.0	33 30.0	119 19.0	119 19.0	JD	72 03 17	2228	207	616	3.18	100.0	847	1106
87.0	33 20.0	119 39.5	119 39.5	JD	72 03 17	1945	75	236	3.18	100.0	678	166
87.0	33 10.0	120 00.0	120 00.0	JD	72 03 17	1646	227	669	3.39	100.0	188	323
87.0	33 00.0	120 21.5	120 21.5	JD	72 03 17	1435	216	651	3.31	100.0	240	240
87.0	32 39.5	121 02.0	121 02.0	JD	72 03 17	0946	213	660	3.23	100.0	74	182
87.0	32 19.5	121 43.0	121 43.0	JD	72 03 17	0500	211	688	3.07	100.0	45	123
87.0	31 59.0	122 24.0	122 24.0	JD	72 03 17	0031	209	678	3.09	100.0	98	197
90.0	33 28.5	117 46.7	117 46.7	JD	72 03 18	1001	212	602	3.52	100.0	325	539
90.0	33 20.5	118 03.0	118 03.0	JD	72 03 18	1239	211	657	3.20	100.0	619	614
90.0	33 11.0	118 22.5	118 22.5	JD	72 03 18	1449	215	664	3.23	100.0	616	681
90.0	32 55.0	118 50.0	118 50.0	JD	72 03 19	0120	209	658	3.17	100.0	2885	1485
90.0	32 40.0	119 28.5	119 28.5	JD	72 03 19	0534	208	671	3.10	100.0	779	1249
90.0	32 23.0	119 58.0	119 58.0	JD	72 03 19	1038	206	710	2.90	100.0	102	534
90.0	32 04.5	120 38.5	120 38.5	JD	72 03 19	1510	215	666	3.22	100.0	34	35
90.0	31 44.5	121 19.5	121 19.5	JD	72 03 19	2107	209	693	3.01	100.0	876	94
93.0	31 24.0	122 01.0	122 01.0	JD	72 03 20	0155	212	673	3.15	100.0	124	123
93.0	32 55.5	117 18.8	117 18.8	JD	72 03 21	1650	133	457	2.90	100.0	3	6
93.0	32 54.8	117 22.0	117 22.0	JD	72 03 21	1548	209	671	3.12	100.0	247	179
93.0	32 50.5	117 31.0	117 31.0	JD	72 03 21	1400	211	676	3.12	100.0	116	310
93.0	32 41.0	117 51.0	117 51.0	JD	72 03 21	1114	210	664	3.17	100.0	68	126
93.0	32 30.0	118 12.0	118 12.0	JD	72 03 21	0905	212	672	3.15	100.0	106	94
93.0	32 20.0	118 32.0	118 32.0	JD	72 03 21	0555	208	674	3.08	100.0	106	277
93.0	32 10.0	118 52.4	118 52.4	JD	72 03 21	0337	210	666	3.21	100.0	91	162
93.0	32 01.0	119 12.0	119 12.0	JD	72 03 21	0041	216	650	3.33	100.0	559	86
93.0	31 51.0	119 33.0	119 33.0	JD	72 03 20	2232	217	673	3.11	100.0	52	77
93.0	31 30.0	120 14.0	120 14.0	JD	72 03 20	1637	212	714	2.97	100.0	72	46
93.0	31 10.0	120 54.5	120 54.5	JD	72 03 20	1145	208	688	3.02	100.0	159	75
93.0	30 50.0	121 34.5	121 34.5	JD	72 03 20	0643	215	640	3.36	100.0	251	55

TABLE 1. (cont.)

CALCOFI Cruise 7203

Line	Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
97.0	29.0	32 17.2	117 05.0	AX	72 03 06	2206	35	166	2.10	100.0	99	100
97.0	30.0	32 16.3	117 06.4	AX	72 03 06	2253	39	139	2.73	100.0	68	320
97.0	32.0	32 12.0	117 15.0	AX	72 03 06	2355	198	690	2.87	100.0	301	843
97.0	35.0	32 05.2	117 28.0	AX	72 03 07	0224	219	563	3.88	100.0	383	109
97.0	40.0	31 55.5	117 47.0	AX	72 03 07	0553	216	650	3.33	100.0	125	211
97.0	45.0	31 44.4	118 08.2	AX	72 03 07	0823	205	645	3.18	100.0	1104	650
97.0	50.0	31 33.4	118 28.5	AX	72 03 07	1220	215	638	3.37	100.0	1587	1451
97.0	55.0	31 25.5	118 49.0	AX	72 03 07	1455	216	628	3.44	100.0	134	368
97.0	60.0	31 15.7	119 09.5	AX	72 03 27	0000	202	716	2.81	100.0	42	7
97.0	70.0	30 58.7	119 52.9	AX	72 03 27	1115	204	627	3.26	100.0	25	6
97.0	80.0	30 31.0	120 30.9	AX	72 03 27	0530	204	739	2.76	100.0	66	19
97.0	90.0	30 14.3	121 08.9	AX	72 03 26	2208	217	653	3.31	100.0	205	99
100.0	29.0	31 41.9	116 43.9	AX	72 03 25	0252	213	668	3.19	100.0	394	163
100.0	30.0	31 40.5	116 46.5	AX	72 03 25	0439	223	655	3.40	100.0	551	554
100.0	35.0	31 30.8	117 06.8	AX	72 03 25	0750	216	630	3.42	100.0	294	327
100.0	40.0	31 21.9	117 26.5	AX	72 03 25	1141	217	661	3.28	100.0	77	221
100.0	50.0	31 01.2	118 05.9	AX	72 03 25	1717	209	691	3.02	100.0	110	122
100.0	60.0	30 37.4	117 47.4	AX	72 03 25	2259	213	681	3.13	100.0	95	125
100.0	70.0	30 20.8	119 27.0	AX	72 03 26	0411	219	685	3.19	100.0	163	40
100.0	80.0	30 01.0	120 06.1	AX	72 03 26	0957	206	680	3.03	100.0	103	264
100.0	90.0	29 41.0	120 46.0	AX	72 03 26	1607	208	710	2.93	100.0	117	176
103.0	29.0	31 06.8	116 22.2	AX	72 03 24	2200	28	99	2.76	100.0	239	46
103.0	30.0	31 06.1	116 24.3	AX	72 03 24	2116	42	196	2.15	100.0	664	59
103.0	35.0	30 56.0	116 45.5	AX	72 03 24	1820	230	625	3.68	100.0	100	48
103.0	40.0	30 47.3	117 05.0	AX	72 03 24	1417	222	649	3.42	100.0	97	66
103.0	45.0	30 35.0	117 24.0	AX	72 03 24	1034	209	669	3.12	100.0	373	653
103.0	50.0	30 26.1	117 45.3	AX	72 03 24	0755	218	683	3.19	100.0	63	15
103.0	60.0	30 07.8	118 24.4	AX	72 03 24	0228	207	699	2.96	100.0	176	83
103.0	70.0	29 46.0	119 05.5	AX	72 03 23	2053	216	672	3.21	100.0	110	95
107.0	31.0	30 28.9	116 08.2	AX	72 03 22	0021	34	685	3.22	100.0	64	215
107.0	32.0	30 26.2	116 10.8	AX	72 03 22	0104	221	119	2.85	100.0	111	132
107.0	35.0	30 21.8	116 22.6	AX	72 03 22	0335	228	637	3.43	100.0	93	256
107.0	40.0	30 11.3	116 43.2	AX	72 03 22	0715	226	645	3.58	100.0	308	174
107.0	50.0	29 50.5	117 21.5	AX	72 03 22	1236	219	653	3.51	100.0	333	140
107.0	60.0	29 31.0	118 02.1	AX	72 03 22	1805	223	690	3.23	100.0	55	183
107.0	70.0	29 11.5	118 41.5	AX	72 03 22	2321	223	673	3.31	100.0	32	78
107.0	80.0	28 52.0	119 20.5	AX	72 03 23	0814	221	724	3.05	100.0	15	513
110.0	29.0	29 52.1	115 47.8	AX	72 03 21	1937	20	85	2.33	100.0	203	27
110.0	35.0	29 46.3	116 00.0	AX	72 03 21	1729	224	677	3.31	100.0	60	139
110.0	40.0	29 36.7	116 20.5	AX	72 03 21	1345	221	645	3.43	100.0	150	22
110.0	45.0	29 26.1	116 39.7	AX	72 03 21	0948	214	666	3.21	100.0	254	42
110.0	50.0	29 16.1	116 59.0	AX	72 03 21	0707	229	737	3.10	100.0	243	345
110.0	55.0	29 06.0	117 19.5	AX	72 03 21	0343	223	625	3.56	100.0	727	676
110.0	60.0	28 56.0	117 39.5	AX	72 03 21	0113	221	655	3.37	100.0	165	169

TABLE 1. (cont.)

CALCOFI Cruise 7203

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
110.0	28 35.8	118 18.6	AX	72 03 20	1940	218	712	3.06	100.0	1604	60
110.0	28 15.5	118 56.7	AX	72 03 20	1421	218	673	3.24	100.0	55	280
113.0	29 23.7	115 14.5	AX	72 03 19	0408	35	140	2.47	100.0	4	3
113.0	29 21.8	115 18.0	AX	72 03 19	0458	52	184	2.80	100.0	17	0
113.0	29 11.8	115 38.1	AX	72 03 19	0728	230	691	3.32	100.0	212	47
113.0	29 02.2	115 57.0	AX	72 03 19	1038	215	679	3.17	100.0	364	146
113.0	28 49.5	116 17.2	AX	72 03 19	1325	220	667	3.29	100.0	174	44
113.0	28 41.3	116 37.0	AX	72 03 19	1627	216	664	3.25	100.0	152	19
113.0	28 21.3	117 16.8	AX	72 03 19	2143	219	688	3.17	100.0	110	53
113.0	28 01.5	117 56.0	AX	72 03 20	0307	223	774	3.88	100.0	749	389
113.0	27 39.0	118 34.8	AX	72 03 20	0820	221	692	3.19	100.0	51	135
117.0	28 57.5	114 42.5	AX	72 03 18	0020	56	211	2.66	100.0	12	1
117.0	28 56.0	114 42.5	AX	72 03 17	2322	67	224	2.98	100.0	44	1
117.0	28 47.5	114 56.2	AX	72 03 12	2114	95	311	3.06	100.0	159	173
117.0	28 38.1	115 15.9	AX	72 03 12	1829	193	617	3.12	100.0	140	85
117.0	28 28.0	115 35.5	AX	72 03 17	1110	203	730	2.77	100.0	350	158
117.0	28 17.8	115 55.8	AX	72 03 17	0820	216	689	3.13	100.0	522	207
117.0	28 11.3	116 11.2	AX	72 03 17	0531	222	708	3.10	100.0	367	237
117.0	27 47.7	116 53.3	AX	72 03 16	2105	222	691	3.21	100.0	446	40
117.0	27 27.2	117 32.6	AX	72 03 16	1510	228	667	3.41	100.0	10	26
117.0	27 05.0	118 17.0	AX	72 03 16	0909	214	696	3.07	100.0	624	240
118.0	28 18.6	115 23.9	AX	72 03 17	1540	211	697	3.02	100.0	239	142
119.0	28 18.5	114 52.3	AX	72 03 17	2100	103	345	2.97	100.0	104	478
120.0	28 24.5	114 11.4	AX	72 03 18	0443	25	106	2.32	100.0	14	10
120.0	28 22.4	114 15.0	AX	72 03 18	0538	42	161	2.58	100.0	2	93
120.0	28 13.0	114 34.0	AX	72 03 18	0745	79	270	2.94	100.0	869	313
120.0	28 02.8	114 53.5	AX	72 03 18	1007	62	234	2.65	100.0	19	592
120.0	27 56.7	115 15.8	AX	72 03 15	0325	34	158	2.14	100.0	15	67
120.0	27 42.8	115 33.0	AX	72 03 15	0728	34	158	3.27	100.0	51	467
120.0	27 31.3	115 52.5	AX	72 03 15	1042	223	691	3.23	100.0	69	139
120.0	27 13.2	116 29.8	AX	72 03 15	1638	215	721	2.98	100.0	335	81
120.0	26 52.5	117 11.0	AX	72 03 15	2127	209	742	2.82	100.0	195	7225
120.0	26 30.1	117 52.7	AX	72 03 16	0348	226	676	3.34	100.0	154	137
123.0	27 26.3	114 36.3	AX	72 03 14	1455	49	169	2.88	100.0	47	148
123.0	27 24.7	114 40.2	AX	72 03 14	1400	65	208	3.11	100.0	208	332
123.0	27 16.1	115 02.1	AX	72 03 14	1108	210	705	2.97	100.0	23	764
123.0	27 07.8	115 16.1	AX	72 03 14	0710	222	714	3.11	100.0	115	996
123.0	26 57.7	115 33.5	AX	72 03 14	0438	232	643	3.60	100.0	131	801
123.0	26 37.4	116 10.3	AX	72 03 13	2315	213	700	3.04	100.0	494	19
127.0	26 57.2	114 02.6	AX	72 03 12	2352	51	173	2.94	100.0	88	321
127.0	26 55.4	114 06.0	AX	72 03 13	0059	73	348	2.08	100.0	427	9458
127.0	26 42.5	114 29.4	AX	72 03 13	0545	221	662	3.33	100.0	940	2927
127.0	26 36.2	114 48.5	AX	72 03 13	0807	204	735	2.78	100.0	1448	1761
127.0	26 22.4	115 07.5	AX	72 03 13	1139	222	704	3.15	100.0	843	802
127.0	26 03.8	115 46.0	AX	72 03 13	1730	220	687	3.20	100.0	2435	41

TABLE 1. (cont.)

CALCOFI Cruise 7203												
Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow yr. mo. day	Tow Date	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
130.0	28.0	26 32.9	113 21.0	AX	72 03 12	1839	50	151	3.31	100.0	100	1270
130.0	30.0	26 28.0	113 28.2	AX	72 03 12	1712	69	234	2.95	100.0	345	135
130.0	35.0	26 20.4	113 48.0	AX	72 03 12	1412	221	678	3.26	100.0	709	1244
130.0	40.0	26 12.8	114 08.9	AX	72 03 12	1134	222	693	3.20	100.0	10	70
130.0	50.0	25 50.6	114 48.1	AX	72 03 12	0430	216	696	3.10	100.0	1899	263
130.0	60.0	25 30.0	115 24.9	AX	72 03 11	2000	206	701	2.94	100.0	19	22
133.0	23.0	26 08.5	112 40.5	AX	72 03 10	1444	64	215	2.98	100.0	205	686
133.0	25.0	26 04.7	112 48.0	AX	72 03 10	1612	72	243	2.96	100.0	245	820
133.0	30.0	25 55.0	113 07.3	AX	72 03 10	1910	215	709	3.03	100.0	150	376
133.0	35.0	25 44.2	113 26.8	AX	72 03 10	2148	220	688	3.19	100.0	150	250
133.0	40.0	25 34.0	113 45.8	AX	72 03 11	0106	212	665	3.18	100.0	32	54
133.0	50.0	25 12.5	114 25.0	AX	72 03 11	0622	218	665	3.28	100.0	220	52
133.0	60.0	24 52.2	115 02.7	AX	72 03 11	1255	219	669	3.28	100.0	25	232
137.0	22.0	25 36.1	112 15.1	AX	72 03 10	1023	39	155	2.49	100.0	471	12043
137.0	23.0	25 35.2	112 19.6	AX	72 03 10	0913	61	231	2.65	100.0	871	4779
137.0	30.0	25 22.0	112 48.3	AX	72 03 10	0542	217	667	3.25	100.0	3	4
137.0	35.0	25 12.0	113 07.0	AX	72 03 10	0240	213	673	3.17	100.0	21	61
137.0	40.0	25 01.2	113 25.2	AX	72 03 09	0000	219	650	3.20	100.0	24	13
137.0	50.0	24 39.3	114 01.5	AX	72 03 09	1820	216	675	3.01	100.0	25	108
137.0	60.0	24 21.5	114 37.6	AX	72 03 09	1318	215	714	3.37	100.0	36	261

TABLE 1. (cont.)

CALCOFI Cruise 7205											
Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
40.0	38.0	41 47.3	124 28.0	AX	72 05 06	0112	148	3.07	100.0	45	17
40.0	40.0	41 43.0	124 37.5	AX	72 05 06	0354	213	3.46	100.0	14	27
40.0	45.0	41 33.0	125 00.0	AX	72 05 06	0640	214	3.49	100.0	0	4
40.0	50.0	41 22.6	125 24.0	AX	72 05 06	1005	214	4.11	100.0	0	0
40.0	55.0	41 12.7	125 47.5	AX	72 05 06	1240	211	3.26	100.0	47	6426
40.0	60.0	41 02.7	126 08.5	AX	72 05 06	1604	212	3.57	100.0	95	215
40.0	65.0	40 52.1	126 31.2	AX	72 05 06	1845	222	3.66	100.0	15	56
40.0	70.0	40 42.5	126 56.5	AX	72 05 06	2310	219	4.61	100.0	3	3
40.0	80.0	40 22.8	127 40.0	AX	72 05 07	0440	211	3.48	100.0	77	155
40.0	90.0	40 02.7	128 25.0	AX	72 05 07	1105	219	4.06	100.0	23	31
50.0	47.0	39 46.0	123 54.0	AX	72 05 05	1210	72	2.98	100.0	5	15
50.0	50.0	39 40.0	124 07.6	AX	72 05 05	1015	214	3.25	100.0	0	6
50.0	55.0	39 30.0	124 30.3	AX	72 05 05	0556	614	3.53	100.0	10	60
50.0	60.0	39 20.2	124 48.8	AX	72 05 05	0309	202	2.92	100.0	14	14
50.0	65.0	39 10.4	125 14.0	AX	72 05 04	2325	216	3.78	100.0	0	7
50.0	70.0	39 00.0	125 36.0	AX	72 05 04	2025	205	2.88	100.0	0	0
50.0	80.0	38 40.5	126 19.2	AX	72 05 04	1423	209	2.97	100.0	6	5
50.0	90.0	38 20.0	127 04.0	AX	72 05 04	0610	447	5.77	100.0	0	11
50.0	100.0	38 00.0	127 51.1	AX	72 05 03	2315	222	3.45	100.0	7	29
50.0	120.0	37 20.0	129 17.8	AX	72 05 03	1225	209	3.18	100.0	17	25
60.0	50.0	37 57.5	122 53.1	AX	72 04 23	1937	40	3.31	100.0	54	9
60.0	52.0	37 54.0	123 01.6	AX	72 04 23	2100	72	2.56	100.0	2	125
60.0	55.0	37 47.1	123 14.7	AX	72 04 23	2305	108	3.68	100.0	0	14
60.0	60.0	37 36.7	123 36.8	AX	72 04 24	0325	220	3.88	100.0	3	6
60.0	65.0	37 06.8	123 58.8	AX	72 04 24	0608	213	4.14	100.0	3	6
60.0	70.0	37 17.2	124 20.8	AX	72 04 24	0958	218	3.16	100.0	2	43
60.0	80.0	36 56.5	125 03.5	AX	72 04 24	1520	194	2.57	100.0	19	24
60.0	90.0	36 36.0	125 48.0	AX	72 04 24	2200	223	3.39	100.0	14	5
60.0	100.0	36 16.3	126 31.0	AX	72 04 25	0304	212	2.93	100.0	27	64
60.0	120.0	35 37.0	127 53.3	AX	72 04 25	1309	212	3.82	100.0	4	26
70.0	51.0	36 11.5	121 44.0	AX	72 04 20	1501	233	4.17	100.0	16	13
70.0	53.0	36 06.6	121 53.9	AX	72 04 20	1131	209	3.08	100.0	10	0
70.0	60.0	35 49.1	122 28.3	AX	72 04 20	0710	222	3.23	100.0	3	3
70.0	65.0	35 43.0	123 45.0	AX	72 04 20	0315	220	2.90	100.0	5	8
70.0	70.0	35 34.7	123 06.9	AX	72 04 20	0021	216	2.58	100.0	18	8
70.0	80.0	35 14.1	123 47.8	AX	72 04 19	1841	225	3.88	100.0	36	118
70.0	90.0	34 53.5	124 29.7	AX	72 04 19	1330	192	2.80	100.0	4	27
80.0	51.0	34 26.1	120 32.6	AX	72 04 12	2255	281	3.53	100.0	47	87
80.0	52.0	34 24.7	120 36.5	AX	72 04 13	0000	666	3.09	100.0	120	175
80.0	55.0	34 19.0	120 47.6	AX	72 04 13	0140	644	3.31	100.0	122	26
80.0	60.0	34 08.0	121 05.0	AX	72 04 13	0609	647	3.62	100.0	38	113
80.0	70.0	33 48.5	121 50.2	AX	72 04 13	1810	684	3.62	100.0	22	14
80.0	80.0	33 25.5	122 37.0	AX	72 04 14	2130	549	4.23	100.0	26	21
80.0	90.0	33 09.0	123 13.0	AX	72 04 17	0223	642	3.33	100.0	82	72

TABLE 1. (cont.)

CALCOFI Cruise 7205

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
90.0	33 28.5	117 46.7	JD	72 04 17	2207	191	656	2.91	100.0	603	122
90.0	33 20.5	118 03.0	JD	72 04 18	0048	208	671	3.10	100.0	1732	997
90.0	33 11.0	118 22.5	JD	72 04 18	0503	210	657	3.19	100.0	416	169
90.0	32 54.5	118 55.5	JD	72 04 18	0934	192	735	2.61	100.0	907	661
90.0	32 39.0	119 28.5	JD	72 04 18	1432	214	661	3.24	100.0	165	289
90.0	32 25.0	119 57.5	JD	72 04 18	1940	206	690	2.98	100.0	63	63
90.0	32 04.5	120 28.5	JD	72 04 19	0109	211	696	3.03	100.0	379	139
90.0	31 45.0	121 19.0	JD	72 04 19	0620	210	697	3.02	100.0	230	79
90.0	31 24.0	122 01.0	JD	72 04 19	1202	214	621	3.44	100.0	211	603
90.0	31 05.0	122 39.0	JD	72 04 19	1729	207	658	3.14	100.0	61	903
90.0	30 25.0	124 00.0	JD	72 04 20	0254	210	650	3.24	100.0	215	192
90.0	29 45.0	125 20.0	JD	72 04 20	1105	209	652	3.20	100.0	81	468
100.0	31 42.0	116 44.4	JD	72 05 05	0148	141	433	3.25	100.0	1977	82
100.0	31 40.5	116 46.5	JD	72 05 05	0023	210	642	3.28	100.0	1338	119
100.0	31 27.5	117 07.0	JD	72 05 04	2055	207	660	3.13	100.0	742	955
100.0	31 22.4	117 26.5	JD	72 05 04	1730	209	633	3.29	100.0	747	88
100.0	31 01.0	118 06.0	JD	72 05 04	1151	212	580	3.65	100.0	170	108
100.0	30 40.5	118 47.5	JD	72 05 04	0649	206	681	3.03	100.0	162	138
100.0	30 20.5	119 27.0	JD	72 05 03	2311	208	688	3.02	100.0	42	105
100.0	30 00.0	120 07.0	JD	72 05 03	1835	207	623	3.33	100.0	40	269
100.0	29 40.5	120 47.0	JD	72 05 03	1216	211	661	3.20	100.0	129	259
100.0	29 20.0	121 26.5	JD	72 05 03	0703	212	697	3.04	100.0	45	31
100.0	28 40.5	122 46.0	JD	72 05 02	2210	210	682	3.08	100.0	76	133
100.0	28 00.0	124 04.0	JD	72 05 02	1404	207	699	2.96	100.0	71	68
110.0	29 51.2	115 50.2	JD	72 05 09	0438	40	165	2.45	100.0	17	77
110.0	29 46.0	116 00.0	JD	72 05 09	0638	207	689	3.00	100.0	221	206
110.0	29 37.0	116 20.0	JD	72 05 09	1034	189	744	2.54	100.0	114	58
110.0	29 27.8	116 38.9	JD	72 05 09	1319	217	646	3.36	100.0	95	48
110.0	29 16.5	116 59.0	JD	72 05 09	1652	212	664	3.20	100.0	46	78
110.0	29 06.5	117 18.5	JD	72 05 09	1925	208	662	3.14	100.0	46	23
110.0	28 56.5	117 39.0	JD	72 05 09	2304	217	651	3.33	100.0	81	25
110.0	28 36.3	118 18.0	JD	72 05 10	0355	208	704	2.96	100.0	10	7
110.0	28 16.5	118 57.5	JD	72 05 10	1010	207	660	3.13	100.0	36	167
120.0	28 25.0	114 10.7	JD	72 05 12	1520	29	115	2.50	100.0	5	33
120.0	28 22.5	114 15.0	JD	72 05 12	1424	42	156	2.70	100.0	32	101
120.0	28 10.5	114 37.5	JD	72 05 12	1150	74	290	2.57	100.0	412	1029
120.0	28 03.0	114 54.0	JD	72 05 12	0905	62	226	2.74	100.0	667	506
120.0	27 55.0	115 17.0	JD	72 05 12	0236	61	231	2.62	100.0	194	259
120.0	27 43.0	115 33.0	JD	72 05 11	2010	195	749	2.60	100.0	1482	622
120.0	27 33.0	115 52.5	JD	72 05 11	1555	201	720	2.79	100.0	119	5
120.0	27 13.0	116 30.5	JD	72 05 11	0926	208	676	3.08	100.0	425	16
120.0	26 53.0	117 10.0	JD	72 05 11	0409	206	706	2.92	100.0	1514	36
120.0	26 32.5	117 49.0	JD	72 05 10	2325	203	716	2.83	100.0	1514	78
130.0	26 33.5	113 21.0	JD	72 05 13	0655	48	201	2.36	100.0	2	2
130.0	26 29.0	113 29.0	JD	72 05 13	0828	70	256	2.73	100.0	6	16

TABLE 1. (cont.)

CALCOFI Cruise 7205

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
130.0	26 19.0	113 48.0	JD	72 05 13	1100	205	661	3.10	100.0	148	19
130.0	26 09.3	114 07.4	JD	72 05 13	1513	209	689	3.03	100.0	27	19
130.0	25 49.5	114 47.0	JD	72 05 13	2029	208	697	2.99	100.0	18	233
130.0	25 29.0	115 24.0	JD	72 05 14	0440	207	685	3.01	100.0	139	51
130.0	25 08.0	116 03.0	JD	72 05 14	1013	201	710	2.82	100.0	35	2563
130.0	24 50.1	116 35.7	JD	72 05 14	1514	207	699	2.96	100.0	80	410
130.0	24 26.0	117 17.0	JD	72 05 14	2102	203	694	2.93	100.0	383	167
140.0	24 45.2	112 24.2	JD	72 06 02	0418	80	316	2.54	100.0	5	6
140.0	24 35.4	112 42.5	JD	72 06 02	0129	206	722	2.86	100.0	0	2
140.0	24 26.0	113 02.0	JD	72 06 01	2256	212	657	3.22	100.0	27	312
140.0	24 16.0	113 22.0	JD	72 06 01	1901	199	695	2.86	100.0	101	987
140.0	24 06.0	113 40.2	JD	72 06 01	1632	210	665	3.15	100.0	49	364
140.0	23 55.5	113 58.5	JD	72 06 01	1333	210	665	3.15	100.0	30	942
140.0	23 45.0	114 16.0	JD	72 06 01	1112	206	659	3.13	100.0	16	278
140.0	23 25.0	114 55.0	JD	72 06 01	0511	201	719	2.79	100.0	20	109
140.0	23 05.0	115 33.0	JD	72 06 01	0011	207	680	3.05	100.0	103	341
140.0	22 42.0	116 11.5	JD	72 05 31	1902	199	711	2.80	100.0	139	487
140.0	22 24.8	116 46.0	JD	72 05 31	1409	211	687	3.08	100.0	41	555
140.0	21 44.5	118 01.0	JD	72 05 31	0031	206	697	2.96	100.0	616	23
150.0	23 23.8	110 39.2	JD	72 06 02	1533	209	592	3.53	100.0	5	9
150.0	23 11.5	111 01.5	JD	72 06 02	1923	208	599	3.47	100.0	698	178
150.0	23 02.0	111 20.0	JD	72 06 02	2220	208	616	3.37	100.0	621	1027
150.0	22 52.0	111 38.7	JD	72 06 03	0035	212	641	3.31	100.0	35	52
150.0	22 41.4	111 56.5	JD	72 06 03	0407	212	635	3.33	100.0	11	227
150.0	22 31.0	112 14.5	JD	72 06 03	0625	206	642	3.21	100.0	108	41
150.0	22 21.0	112 34.0	JD	72 06 03	0923	207	638	3.24	100.0	64	615
150.0	22 11.0	112 53.0	JD	72 06 03	1150	208	644	3.23	100.0	72	472
150.0	22 01.4	113 11.2	JD	72 06 03	1534	211	646	3.27	100.0	14	93
150.0	21 41.0	113 48.0	JD	72 06 03	2142	210	663	3.16	100.0	21	16
150.0	21 21.0	114 26.0	JD	72 06 04	0518	199	691	2.87	100.0	65	19
150.0	21 01.0	115 03.0	JD	72 06 04	0957	209	686	3.04	100.0	142	34
150.0	20 39.5	115 39.0	JD	72 06 04	1444	211	683	3.09	100.0	187	126
150.0	20 23.0	116 16.0	JD	72 06 04	2030	205	732	2.80	100.0	505	52
157.0	22 33.0	109 23.0	JD	72 06 06	2035	197	674	2.92	100.0	138	799
157.0	22 13.0	109 42.0	JD	72 06 06	1717	200	661	3.03	100.0	25	346
157.0	22 13.0	109 59.6	JD	72 06 06	1459	210	663	3.18	100.0	74	622
157.0	22 02.5	110 19.0	JD	72 06 06	1109	209	670	3.12	100.0	15	20
157.0	21 53.0	110 38.0	JD	72 06 06	0849	206	693	2.97	100.0	12	143
157.0	21 42.0	110 55.5	JD	72 06 06	0551	203	669	3.04	100.0	1	102
157.0	21 29.0	111 13.6	JD	72 06 06	0325	210	666	3.15	100.0	16	216
157.0	21 22.5	111 33.0	JD	72 06 06	0013	215	646	3.33	100.0	181	462
157.0	21 12.5	111 52.0	JD	72 06 05	2206	210	653	3.21	100.0	578	120
157.0	21 02.0	112 10.5	JD	72 06 05	1904	209	702	2.98	100.0	32	7
157.0	20 52.8	112 29.0	JD	72 06 05	1644	209	691	3.02	100.0	206	119

TABLE 1. (cont.)

CalCOFI Cruise 7207

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
43.0	41 04.0	124 21.8	AX	72 07 29	0205	169	564	2.99	25.0	0	0
43.0	40 59.0	124 35.5	AX	72 07 29	0005	209	634	3.30	25.0	5	2
43.0	40 45.7	124 57.0	AX	72 07 28	2100	216	699	3.09	25.0	8	6
43.0	40 37.2	125 18.0	AX	72 07 28	1728	211	707	2.98	25.0	6	1
43.0	40 28.0	125 40.8	AX	72 07 28	1446	211	666	3.17	25.0	12	0
43.0	40 17.5	126 05.0	AX	72 07 28	1100	218	686	3.18	25.0	11	7
43.0	40 05.0	126 26.4	AX	72 07 28	0740	222	673	3.29	100.0	14	10
47.0	40 13.6	124 33.3	AX	72 07 27	0423	216	611	3.53	25.0	8	3
47.0	40 03.6	124 55.3	AX	72 07 27	0642	224	671	3.33	25.0	14	4
47.0	39 54.0	125 18.0	AX	72 07 27	1045	212	704	3.02	25.0	6	1
47.0	39 45.0	125 38.5	AX	72 07 27	1330	212	706	3.00	25.0	7	0
47.0	39 35.0	126 03.2	AX	72 07 27	1730	215	720	2.98	25.0	5	2
47.0	39 13.5	126 47.0	AX	72 07 27	2308	220	684	3.21	100.0	39	5
50.0	39 46.0	123 54.5	AX	72 07 26	2250	109	354	3.08	25.0	2	0
50.0	39 40.0	124 07.7	AX	72 07 26	2045	220	608	3.62	25.0	8	1
50.0	39 29.8	124 28.0	AX	72 07 26	1650	209	736	2.83	25.0	4	4
50.0	39 19.7	124 51.4	AX	72 07 26	1355	217	780	2.78	25.0	9	0
50.0	39 10.7	125 15.2	AX	72 07 26	0855	219	617	3.54	25.0	7	2
50.0	38 59.0	125 37.7	AX	72 07 26	0555	213	705	3.02	25.0	3	27
50.0	38 40.0	126 20.5	AX	72 07 25	2357	224	719	3.12	100.0	32	5
50.0	38 20.0	127 04.8	AX	72 07 25	1605	221	723	3.06	100.0	17	12
53.0	39 02.1	123 52.1	AX	72 07 24	0930	101	361	2.80	25.0	1	2
53.0	38 56.1	124 04.7	AX	72 07 24	1105	217	639	3.39	25.0	7	2
53.0	38 46.1	124 26.9	AX	72 07 24	1546	218	668	3.27	25.0	5	3
53.0	38 37.3	124 49.9	AX	72 07 24	1828	225	537	4.19	25.0	7	5
53.0	38 26.0	125 10.4	AX	72 07 24	2158	222	625	3.55	25.0	4	5
53.0	38 06.0	125 55.0	AX	72 07 25	0355	211	733	2.88	25.0	13	0
53.0	37 45.8	126 39.5	AX	72 07 25	1050	219	716	3.06	100.0	9	18
57.0	38 22.8	123 39.5	AX	72 07 24	0305	216	605	3.58	25.0	1	3
57.0	38 12.8	124 02.0	AX	72 07 24	0008	224	621	3.62	25.0	25	2
57.0	38 02.0	124 23.9	AX	72 07 23	1936	220	654	3.36	25.0	2	0
57.0	37 52.1	124 46.1	AX	72 07 23	1705	220	677	3.25	25.0	17	5
57.0	37 32.0	125 29.5	AX	72 07 23	1121	223	722	3.08	25.0	16	3
57.0	37 10.6	126 13.0	AX	72 07 23	0555	212	727	2.91	100.0	36	12
60.0	37 57.4	122 53.2	AX	72 07 20	1306	28	73	3.71	100.0	1	26
60.0	37 52.9	123 03.3	AX	72 07 20	1136	106	257	4.12	25.0	9	95
60.0	37 46.9	123 15.3	AX	72 07 20	0955	145	452	3.21	25.0	9	3
60.0	37 36.2	123 36.8	AX	72 07 21	2050	225	720	3.12	25.0	11	8
60.0	37 26.4	123 58.2	AX	72 07 21	2312	222	681	3.26	25.0	26	6
60.0	37 17.0	124 20.1	AX	72 07 22	0618	220	687	3.18	25.0	10	4
60.0	36 57.9	125 04.0	AX	72 07 22	1505	219	689	3.19	25.0	4	2
60.0	36 37.3	125 46.0	AX	72 07 22	0030	219	742	2.95	100.0	451	38
63.0	37 23.4	122 27.8	AX	72 07 20	0520	31	118	2.66	25.0	5	688
63.0	37 19.0	122 35.8	AX	72 07 20	0345	59	201	2.94	25.0	32	229
63.0	37 13.1	122 48.0	AX	72 07 20	0150	218	617	3.52	25.0	17	3

TABLE 1. (cont.)

CALCOFI Cruise 7207

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
63.0	37 03.3	123 12.0	AX	72 07 19	2230	216	682	3.17	25.0	59	9
63.0	36 51.0	123 34.0	AX	72 07 19	1850	214	683	3.13	25.0	46	3
63.0	36 43.0	123 54.5	AX	72 07 19	1540	219	708	3.09	25.0	7	5
63.0	36 22.8	124 37.5	AX	72 07 19	1000	221	751	2.94	25.0	10	16
63.0	36 03.3	125 20.9	AX	72 07 19	0353	221	643	3.44	100.0	81	21
67.0	36 52.1	121 57.7	AX	72 07 17	2140	53	117	4.51	25.0	10	7
67.0	36 49.0	122 04.5	AX	72 07 17	2307	107	356	3.02	25.0	31	0
67.0	36 39.1	122 26.5	AX	72 07 18	0125	221	683	3.24	25.0	8	1
67.0	36 28.6	122 48.0	AX	72 07 18	0515	217	661	3.28	25.0	10	1
67.0	36 19.2	123 08.8	AX	72 07 18	0726	217	639	3.40	25.0	10	1
67.0	36 07.5	123 29.0	AX	72 07 18	1104	216	650	3.32	25.0	8	2
67.0	35 47.0	124 12.3	AX	72 07 18	1630	218	671	3.24	25.0	14	0
67.0	35 27.0	124 55.0	AX	72 07 18	2220	219	710	3.08	100.0	34	17
70.0	36 10.4	121 45.7	AX	72 07 17	1535	215	697	3.09	25.0	6	3
70.0	36 06.9	121 54.6	AX	72 07 17	1405	217	668	3.25	25.0	16	1
70.0	35 53.5	122 24.0	AX	72 07 17	0922	216	637	3.39	25.0	5	4
70.0	35 43.0	122 42.6	AX	72 07 17	0555	212	696	3.04	25.0	8	5
70.0	35 31.9	123 05.8	AX	72 07 17	0320	218	689	3.17	25.0	14	4
70.0	35 12.0	123 47.8	AX	72 07 16	2125	218	746	2.93	25.0	4	2
70.0	34 54.0	124 29.7	AX	72 07 16	1120	209	762	2.74	100.0	14	12
73.0	35 37.2	121 17.2	AL	72 07 06	1355	60	340	1.78	25.0	9	9
73.0	35 31.5	121 28.5	AL	72 07 06	1700	211	704	3.00	25.0	18	8
73.0	35 17.5	121 58.0	AL	72 07 06	2310	208	922	2.25	25.0	17	9
77.0	35 08.3	120 43.7	AL	72 07 07	2244	70	120	0.62	25.0	1	450
77.0	35 02.0	120 56.5	AL	72 07 08	0047	132	620	2.11	25.0	22	15
77.0	34 54.0	121 13.0	AL	72 07 08	0338	215	740	2.91	25.0	18	2
77.0	34 44.0	121 34.0	AL	72 07 08	0810	205	688	2.98	25.0	12	5
77.0	34 34.0	121 55.0	AL	72 07 08	1322	220	681	3.23	25.0	10	1
77.0	34 24.4	122 16.0	AL	72 07 08	1702	208	828	2.52	25.0	6	3
80.0	34 25.5	120 32.2	AX	72 07 12	1822	99	428	2.32	25.0	1	4
80.0	34 21.1	120 36.1	AX	72 07 12	2050	219	710	3.09	25.0	10	0
80.0	34 18.5	120 48.1	AX	72 07 12	2240	215	670	3.21	25.0	3	0
80.0	34 08.4	121 09.1	AX	72 07 13	0220	217	662	3.29	25.0	14	4
80.0	33 48.8	121 47.0	AX	72 07 13	1825	212	737	2.87	25.0	5	1
80.0	33 26.0	122 36.5	AX	72 07 15	1610	213	670	3.18	100.0	8	10
80.0	33 08.0	123 12.7	AX	72 07 15	2140	218	574	3.80	100.0	74	85
82.0	34 15.0	119 59.0	AL	72 07 10	1455	207	707	2.93	25.0	6	17
83.0	34 14.0	119 22.0	AL	72 07 10	1948	21	84	2.55	100.0	8	4
83.0	34 08.0	119 34.0	AL	72 07 10	1804	177	604	2.93	25.0	8	345
83.0	33 52.0	120 08.5	AL	72 07 10	1020	76	306	2.49	100.0	9	2
83.0	33 44.0	120 24.5	AL	72 07 10	0734	208	698	2.99	25.0	2	11
83.0	33 34.0	120 45.4	AL	72 07 10	0335	220	685	3.22	25.0	13	5
83.0	33 14.0	121 26.0	AL	72 07 09	2120	206	806	2.56	100.0	115	53
83.0	33 03.8	121 45.0	AX	72 07 14	1915	210	734	2.87	100.0	36	91
83.0	32 54.0	122 08.0	AL	72 07 09	1310	207	679	3.05	100.0	40	16

TABLE 1. (cont.)

CALCOFI Cruise 7207

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code yr.	Tow Date yr. mo. day	Time (PSF)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
83.0	32 35.0	122 50.0	AL	72 07 09	0652	211	741	2.86	100.0	37	96
87.0	33 54.2	118 29.4	AL	72 07 11	0205	33	183	1.79	25.0	181	473
87.0	33 50.0	118 37.5	AL	72 07 11	0415	207	766	2.70	25.0	13	6
87.0	33 40.0	118 58.0	AL	72 07 11	0755	216	688	3.15	25.0	6	6
87.0	33 30.0	119 19.0	AL	72 07 11	1155	218	641	3.40	25.0	15	47
87.0	33 10.0	120 00.0	AL	72 07 11	1950	208	697	2.98	25.0	0	3
87.0	33 00.0	120 21.0	AL	72 07 12	0025	206	728	2.82	25.0	16	2
87.0	32 39.0	121 02.0	AL	72 07 12	0817	206	699	2.95	100.0	31	16
87.0	32 19.0	121 43.0	AL	72 07 12	1410	210	768	2.74	100.0	41	41
87.0	31 59.0	122 24.0	AL	72 07 12	2105	211	721	2.93	100.0	55	13
87.0	33 28.5	117 46.7	JD	72 07 25	0510	88	328	2.68	25.0	6	54
90.0	33 20.8	118 02.9	JD	72 07 25	0217	208	735	2.83	25.0	181	14
90.0	33 11.0	118 22.0	JD	72 07 24	2315	205	732	2.81	25.0	52	20
90.0	32 54.5	118 55.5	JD	72 07 24	1824	213	721	2.95	25.0	2	2
90.0	32 38.3	119 28.8	JD	72 07 24	1417	208	704	2.96	25.0	37	9
90.0	32 25.0	119 58.0	JD	72 07 24	0950	209	544	3.84	100.0	19	13
90.0	32 04.5	120 38.5	JD	72 07 24	0414	208	587	3.54	100.0	61	122
90.0	31 44.0	121 20.0	JD	72 07 23	2319	207	717	2.88	100.0	67	96
90.0	31 25.0	122 00.0	JD	72 07 23	1733	212	656	3.24	100.0	13	137
93.0	32 56.0	117 19.0	AL	72 07 16	0357	96	391	2.44	25.0	265	207
93.0	32 54.5	117 21.8	AL	72 07 16	0258	203	692	2.93	25.0	125	79
93.0	32 50.5	117 31.0	AL	72 07 16	0040	201	684	2.94	25.0	148	238
93.0	32 40.5	117 51.5	AL	72 07 15	2100	205	681	3.01	25.0	83	10
93.0	32 30.0	118 11.5	AL	72 07 15	1730	206	746	2.77	25.0	26	105
93.0	32 20.0	118 32.0	AL	72 07 15	1322	219	705	3.12	25.0	47	165
93.0	32 10.0	118 52.5	AL	72 07 15	0910	204	742	2.74	25.0	7	9
93.0	31 59.5	119 13.0	AL	72 07 15	0505	210	662	3.18	25.0	152	7
93.0	31 50.0	119 34.0	AL	72 07 15	0127	204	734	2.78	100.0	198	43
93.0	31 30.0	120 14.0	AL	72 07 14	1912	219	767	2.85	100.0	32	96
93.0	31 10.0	120 54.0	AL	72 07 14	1345	216	505	4.28	100.0	30	198
93.0	30 50.5	121 34.0	AL	72 07 14	0540	217	641	3.39	100.0	18	105
93.0	30 30.0	122 14.0	AL	72 07 13	2353	204	713	2.87	100.0	75	137
93.0	29 48.0	123 34.0	AL	72 07 13	1341	213	740	2.88	100.0	31	355
97.0	32 12.0	117 15.2	AL	72 07 16	1045	208	710	2.93	25.0	149	34
97.0	32 05.5	117 27.5	AL	72 07 16	1340	205	747	2.74	25.0	26	38
97.0	31 56.0	117 48.0	AL	72 07 16	1800	207	790	2.62	25.0	87	53
97.0	31 46.0	118 08.0	AL	72 07 16	2235	203	758	2.68	25.0	28	5
97.0	31 36.0	118 30.0	AL	72 07 17	0315	207	706	2.94	25.0	15	8
97.0	31 25.5	118 48.5	AL	72 07 17	0720	205	769	2.67	25.0	10	9
97.0	31 15.5	119 10.0	AL	72 07 17	1038	209	684	3.06	25.0	4	9
97.0	30 55.0	119 50.0	AL	72 07 17	1839	211	702	3.02	100.0	10	38
97.0	30 35.0	120 30.0	AL	72 07 18	0050	205	777	2.64	100.0	55	153
97.0	30 15.0	121 10.0	AL	72 07 18	0657	206	759	2.71	100.0	41	493
100.0	31 42.2	116 43.4	JD	72 07 21	1837	89	348	2.56	25.0	3	107
100.0	31 40.5	116 46.5	JD	72 07 21	2023	207	741	2.79	25.0	4	18

TABLE 1. (cont.)

CALCOFI Cruise 7207

Line	Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
100.0	35.0	31 30.5	117 07.0	JD	72 07 21	2305	198	733	2.70	25.0	18	2
100.0	40.0	31 21.4	117 27.1	JD	72 07 22	0250	213	678	3.14	25.0	19	1
100.0	50.0	31 00.5	118 07.0	JD	72 07 22	0734	211	653	3.23	25.0	12	57
100.0	60.0	30 40.0	118 48.0	JD	72 07 22	1242	214	750	2.85	25.0	4	16
100.0	70.0	30 20.5	119 27.5	JD	72 07 22	1813	209	713	2.93	100.0	20	129
100.0	80.0	30 00.0	120 07.0	JD	72 07 22	2339	213	707	3.01	100.0	196	424
100.0	90.0	29 40.5	120 47.0	JD	72 07 23	0441	208	755	2.75	100.0	284	220
103.0	45.0	30 36.0	117 24.0	JD	72 07 20	2128	206	766	2.69	25.0	20	37
103.0	50.0	30 26.0	117 44.5	JD	72 07 20	1910	208	723	2.88	25.0	26	19
103.0	60.0	30 05.6	118 24.0	JD	72 07 20	1434	211	753	2.81	25.0	7	14
103.0	70.0	29 46.0	119 04.0	JD	72 07 20	0852	207	728	2.84	100.0	45	252
103.0	80.0	29 28.6	119 43.4	JD	72 07 20	0251	211	729	2.89	100.0	269	270
107.0	31.0	30 28.0	116 07.0	JD	72 07 18	2017	35	156	2.24	25.0	21	16
107.0	32.0	30 26.0	116 11.0	JD	72 07 18	2120	204	753	2.71	25.0	13	4
107.0	35.0	30 21.0	116 22.0	JD	72 07 18	2326	206	735	2.80	25.0	10	4
107.0	40.0	30 11.0	116 42.0	JD	72 07 19	0227	212	650	3.25	25.0	11	11
107.0	50.0	29 50.5	117 22.0	JD	72 07 19	0700	199	737	2.70	25.0	9	5
107.0	60.0	29 32.0	118 01.5	JD	72 07 19	1211	211	730	2.88	25.0	12	44
107.0	80.0	28 54.0	119 20.0	JD	72 07 19	1800	210	777	2.70	100.0	198	456
110.0	32.0	29 51.3	115 49.5	JD	72 07 18	1251	49	189	2.58	25.0	17	251
110.0	35.0	29 46.0	116 00.0	JD	72 07 18	1029	207	755	2.74	25.0	3	9
110.0	40.0	29 36.5	116 20.0	JD	72 07 18	0710	209	724	2.88	25.0	23	2
110.0	45.0	29 26.5	116 39.5	JD	72 07 18	0325	211	703	3.00	25.0	20	11
110.0	50.0	29 17.0	116 58.3	JD	72 07 18	0115	210	694	3.02	25.0	22	21
110.0	55.0	29 06.5	117 19.0	JD	72 07 17	2220	206	712	2.90	25.0	19	7
110.0	60.0	28 57.0	117 39.0	JD	72 07 17	2001	207	735	2.81	100.0	40	115
110.0	70.0	28 35.5	118 17.2	JD	72 07 17	1448	209	730	2.86	100.0	97	167
110.0	80.0	28 16.0	118 58.0	JD	72 07 17	0955	208	733	2.84	100.0	80	224
113.0	29.0	29 24.0	115 13.0	JD	72 07 15	2119	21	108	1.90	25.0	5	203
113.0	30.0	29 22.0	115 18.0	JD	72 07 15	2219	49	197	2.46	25.0	2	92
113.0	35.0	29 11.5	115 38.5	JD	72 07 16	0055	209	725	2.88	25.0	5	4
113.0	40.0	29 01.8	115 56.7	JD	72 07 16	0346	206	768	2.68	25.0	50	11
113.0	45.0	28 52.0	116 18.0	JD	72 07 16	1004	204	773	2.64	100.0	68	64
113.0	50.0	28 41.5	116 36.2	JD	72 07 16	1329	208	757	2.74	25.0	15	12
113.0	60.0	28 22.0	117 16.0	JD	72 07 16	1837	200	784	2.55	100.0	119	122
113.0	70.0	28 02.0	117 55.0	JD	72 07 16	2310	209	704	2.96	100.0	244	183
113.0	80.0	27 42.0	118 33.5	JD	72 07 17	0354	203	751	2.70	100.0	121	249
117.0	25.0	28 58.5	114 36.9	JD	72 07 15	1246	27	120	2.29	25.0	10	31
117.0	26.0	28 55.0	114 43.5	JD	72 07 15	1141	63	233	2.69	25.0	7	18
117.0	30.0	28 48.0	114 56.0	JD	72 07 15	0919	95	336	2.84	25.0	31	79
117.0	35.0	28 38.0	115 16.0	JD	72 07 15	0619	171	537	3.18	25.0	14	20
117.0	40.0	28 28.0	115 35.5	JD	72 07 15	0118	208	684	3.04	25.0	106	19
117.0	45.0	28 18.0	115 56.0	JD	72 07 14	2208	208	737	2.82	25.0	143	10
117.0	50.0	28 08.0	116 15.0	JD	72 07 14	2000	208	692	3.00	25.0	51	28

TABLE 1. (cont.)

CalCOFI Cruise 7207											
Line Station	Lat.-(N) deg. min.	Long.-(W) deg. min.	Ship Code yr.	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
117.0	27 48.0	116 53.0	JD	72 07 14	1537	206	704	2.93	25.0	37	6
117.0	27 27.5	117 32.5	JD	72 07 14	0918	208	755	2.76	100.0	146	122
117.0	27 08.0	118 10.5	JD	72 07 14	0422	211	695	3.03	100.0	216	683
118.0	28 18.7	115 23.7	JD	72 07 15	0334	209	667	3.14	25.0	17	32
119.0	28 19.0	114 53.0	JD	72 07 12	2012	102	343	2.96	25.0	16	37
120.0	28 24.8	114 10.8	JD	72 07 12	1421	28	119	2.34	25.0	90	64
120.0	28 22.5	114 15.0	JD	72 07 12	1507	48	179	2.70	25.0	26	244
120.0	28 12.3	114 33.4	JD	72 07 12	1724	78	336	2.31	25.0	38	108
120.0	28 03.0	114 54.0	JD	72 07 12	2204	73	303	2.42	25.0	24	59
120.0	27 56.5	115 14.0	JD	72 07 12	2355	26	114	2.28	100.0	307	615
120.0	27 43.0	115 33.0	JD	72 07 13	0324	212	703	3.01	25.0	21	38
120.0	27 33.0	115 53.0	JD	72 07 13	0630	210	700	3.00	25.0	10	16
120.0	27 13.0	116 30.5	JD	72 07 13	1155	209	715	2.93	100.0	34	152
120.0	26 52.0	117 09.3	JD	72 07 13	1639	210	734	2.86	100.0	92	264
120.0	26 33.0	117 49.0	JD	72 07 13	2341	210	718	2.93	100.0	140	99
123.0	27 26.2	114 36.0	JD	72 07 12	0513	40	179	2.23	100.0	2	243
123.0	27 24.3	114 40.0	JD	72 07 12	0430	61	268	2.27	100.0	7	247
123.0	27 14.0	114 59.0	JD	72 07 12	0138	209	723	2.89	25.0	6	17
123.0	27 08.0	115 11.5	JD	72 07 11	2317	209	736	2.85	25.0	6	51
123.0	26 58.0	115 31.0	JD	72 07 11	2048	211	705	3.00	25.0	16	56
123.0	26 38.5	116 09.0	JD	72 07 11	1607	211	749	2.81	100.0	89	153
127.0	26 57.5	114 02.2	JD	72 07 10	2025	54	233	2.31	100.0	0	0
127.0	26 55.0	114 06.5	JD	72 07 10	2140	70	273	2.58	100.0	0	18
127.0	26 43.5	114 29.0	JD	72 07 11	0110	215	729	2.96	100.0	13	54
127.0	26 33.0	114 48.5	JD	72 07 11	0321	202	717	2.82	25.0	0	40
127.0	26 23.0	115 07.0	JD	72 07 11	0633	212	733	2.89	100.0	29	3987
127.0	26 04.0	115 46.0	JD	72 07 11	1135	213	750	2.84	100.0	13	179
130.0	26 32.5	113 21.0	JD	72 07 10	1534	45	185	2.43	25.0	3	20
130.0	26 29.1	113 29.0	JD	72 07 10	1353	70	280	2.51	25.0	0	1
130.0	26 19.0	113 48.0	JD	72 07 10	1030	211	758	2.78	25.0	0	1
130.0	26 09.0	114 07.0	JD	72 07 10	0810	206	768	2.68	100.0	6	1295
130.0	25 49.0	114 46.0	JD	72 07 10	0218	215	706	3.04	25.0	5	64
130.0	25 29.0	115 24.0	JD	72 07 09	2102	205	776	2.64	100.0	11	136
133.0	26 08.5	112 40.2	JD	72 07 08	1947	72	248	2.88	100.0	47	4
133.0	25 54.0	113 07.0	JD	72 07 08	2347	189	770	2.46	25.0	0	0
133.0	25 44.5	113 26.5	JD	72 07 09	0217	212	732	2.90	100.0	1	110
133.0	25 34.5	113 45.5	JD	72 07 09	0530	220	690	3.18	25.0	0	1
133.0	25 14.5	114 24.0	JD	72 07 09	1006	208	707	2.94	100.0	16	100
133.0	24 54.7	115 02.1	JD	72 07 09	1508	215	686	3.14	100.0	5	53
137.0	25 35.5	112 14.8	JD	72 07 08	1455	36	141	2.55	100.0	59	349
137.0	25 33.7	112 18.8	JD	72 07 08	1602	63	214	2.96	100.0	33	97
137.0	25 20.0	112 46.0	JD	72 07 08	1112	206	692	2.98	25.0	0	0
137.0	25 10.0	113 04.5	JD	72 07 08	0753	198	735	2.70	25.0	0	3
137.0	25 00.0	113 23.5	JD	72 07 08	0529	213	681	3.12	25.0	2	4
137.0	24 40.0	114 02.0	JD	72 07 07	2332	206	675	3.06	25.0	2	6

TABLE 1. (cont.)

CALCOFI Cruise 7210

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
40.0	41 47.2	124 28.1	AX	72 10 30	0302	190	505	3.76	100.0	2	1
40.0	41 43.1	124 38.0	AX	72 10 30	0530	211	639	3.29	100.0	12	10
40.0	41 35.0	124 58.9	AX	72 10 30	0803	212	627	3.38	100.0	6	8
40.0	41 23.5	125 25.0	AX	72 10 30	1140	204	647	3.14	100.0	6	14
40.0	41 13.1	125 47.9	AX	72 10 30	1413	169	704	2.39	100.0	15	21
40.0	41 03.0	126 08.7	AX	72 10 30	1837	208	718	2.90	100.0	11	11
40.0	40 51.8	126 32.4	AX	72 10 30	2059	220	614	3.58	100.0	23	23
40.0	40 43.3	126 54.8	AX	72 10 31	0110	210	714	2.94	100.0	38	14
40.0	40 25.2	127 42.7	AX	72 10 31	0720	202	669	3.02	100.0	25	49
40.0	40 03.5	128 23.9	AX	72 10 31	1403	217	688	3.16	100.0	4	21
40.0	39 42.3	129 09.5	AX	72 10 31	1930	221	658	3.35	100.0	7	18
40.0	39 03.0	130 39.0	AX	72 11 01	0634	221	655	3.38	100.0	9	19
40.0	37 00.5	134 46.0	AX	72 11 02	0617	211	718	2.93	100.0	23	6
50.0	39 43.1	123 54.8	AX	72 11 08	0446	92	313	2.93	100.0	37	24
50.0	39 39.8	124 07.6	AX	72 11 08	0312	203	690	2.95	100.0	26	6
50.0	39 30.1	124 30.0	AX	72 11 07	2258	198	735	2.70	100.0	59	42
50.0	39 20.0	124 51.5	AX	72 11 07	2031	214	673	3.18	100.0	36	34
50.0	39 11.0	125 13.9	AX	72 11 07	1730	221	698	3.16	100.0	18	32
50.0	39 00.8	125 37.0	AX	72 11 07	1503	224	693	3.23	100.0	20	36
50.0	38 39.0	126 22.0	AX	72 11 07	0953	211	734	2.88	100.0	2	21
50.0	38 19.8	127 04.5	AX	72 11 07	0402	213	715	2.98	100.0	20	12
50.0	38 01.3	127 49.0	AX	72 11 06	2225	219	713	3.07	100.0	29	23
50.0	37 20.7	129 15.5	AX	72 11 06	1045	217	721	3.01	100.0	6	8
60.0	37 57.5	122 53.2	AX	72 11 10	1116	26	166	1.56	100.0	0	18
60.0	37 53.7	123 01.8	AX	72 11 10	1226	77	241	3.19	100.0	13	20
60.0	37 47.1	123 15.1	AX	72 11 10	1427	97	395	2.46	100.0	18	11
60.0	37 37.0	123 37.2	AX	72 11 10	1845	219	683	3.20	100.0	33	22
60.0	37 27.0	123 58.0	AX	72 11 10	2128	210	709	2.96	100.0	16	19
60.0	37 14.0	124 17.9	AX	72 11 11	0045	229	691	3.32	100.0	10	15
60.0	36 55.7	125 02.8	AX	72 11 11	0544	210	760	2.76	100.0	6	20
60.0	36 39.2	125 45.5	AX	72 11 11	1025	206	740	2.78	100.0	7	7
60.0	36 17.2	126 29.1	AX	72 11 11	1524	219	678	3.23	100.0	6	2
60.0	35 36.9	127 53.0	AX	72 10 12	0120	215	704	3.06	100.0	9	18
70.0	36 10.9	121 44.0	AX	72 11 14	0654	202	751	2.69	100.0	10	8
70.0	36 06.5	121 53.8	AX	72 11 14	0507	197	730	2.70	100.0	63	23
70.0	35 53.0	122 23.5	AX	72 11 14	0102	209	726	2.88	100.0	59	49
70.0	35 43.2	122 44.5	AX	72 11 13	2011	204	748	2.73	100.0	70	69
70.0	35 33.0	123 06.0	AX	72 11 13	1737	199	770	2.59	100.0	41	9
70.0	35 12.6	123 48.7	AX	72 11 13	1257	210	736	2.85	100.0	4	6
70.0	34 53.0	124 30.0	AX	72 11 13	0807	207	750	2.76	100.0	3	22
80.0	34 26.0	120 32.5	AX	72 10 14	2117	78	364	2.16	100.0	21	14
80.0	34 24.3	120 36.5	AX	72 10 14	2208	180	781	2.31	100.0	13	26
80.0	34 19.0	120 47.7	AX	72 11 14	2345	205	727	2.82	100.0	50	29
80.0	34 09.0	121 08.9	AX	72 11 15	0419	221	707	3.13	100.0	41	31
80.0	33 48.3	121 51.4	AX	72 11 15	1255	215	728	2.95	100.0	14	23

TABLE 1. (cont.)

CALCOFI Cruise 7210

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
80.0	33 29.0	122 32.1	AX	72 11 16	0752	210	723	2.90	100.0	2	16
80.0	33 09.8	123 13.6	AX	72 11 16	0002	214	693	3.09	100.0	32	28
90.0	33 28.4	117 47.0	JD	72 09 25	1839	212	622	3.41	100.0	185	133
90.0	33 20.5	118 03.0	JD	72 09 25	2130	208	641	3.25	100.0	765	77
90.0	33 11.0	118 22.5	JD	72 09 26	0129	203	693	2.92	100.0	284	12
90.0	32 54.3	118 55.5	JD	72 09 26	0922	208	668	3.11	100.0	100	27
90.0	32 40.0	119 29.0	JD	72 09 26	1346	210	677	3.10	100.0	34	0
90.0	32 04.5	120 38.5	JD	72 09 26	2348	209	705	2.96	100.0	13	18
90.0	31 44.5	121 19.5	JD	72 09 27	0505	214	637	3.35	100.0	47	12
90.0	31 24.0	122 01.0	JD	72 09 27	1006	211	663	3.18	100.0	79	73
90.0	31 05.0	122 39.0	JD	72 09 27	1537	202	694	2.92	100.0	37	28
90.0	30 25.0	124 00.0	JD	72 09 28	0105	212	661	3.21	100.0	88	318
90.0	29 45.0	125 20.0	JD	72 09 28	0935	209	648	3.22	100.0	31	31
100.0	31 42.7	116 43.4	JD	72 10 13	1222	209	360	3.02	100.0	27	30
100.0	31 40.5	116 46.5	JD	72 10 13	1106	212	746	2.84	100.0	60	7
100.0	31 30.0	117 07.0	JD	72 10 13	0802	213	712	2.99	100.0	16	9
100.0	31 21.0	117 27.0	JD	72 10 13	0508	213	632	3.37	100.0	20	12
100.0	30 55.0	118 07.0	JD	72 10 12	2047	216	589	3.67	100.0	36	15
100.0	30 40.5	118 47.5	JD	72 10 12	1634	214	714	2.99	100.0	1	48
100.0	30 20.5	119 27.5	JD	72 10 12	1122	211	707	2.98	100.0	17	63
100.0	30 00.0	120 07.0	JD	72 10 12	0620	212	688	3.08	100.0	16	21
100.0	29 40.5	120 47.0	JD	72 10 12	0040	210	690	3.05	100.0	109	182
100.0	29 19.5	121 25.0	JD	72 10 11	1958	210	735	2.86	100.0	253	184
100.0	28 40.5	122 46.0	JD	72 10 11	1150	217	723	3.00	100.0	54	34
100.0	28 00.0	124 04.0	JD	72 10 11	0000	211	736	2.87	100.0	85	13
110.0	29 51.0	115 49.8	JD	72 10 17	0920	35	139	2.54	100.0	10	55
110.0	29 46.0	116 00.0	JD	72 10 17	1130	212	710	2.99	100.0	11	2
110.0	29 36.5	116 19.5	JD	72 10 17	1536	212	666	3.18	100.0	14	3
110.0	29 26.5	116 39.0	JD	72 10 17	1751	213	667	3.19	100.0	98	18
110.0	29 16.5	116 59.0	JD	72 10 17	2105	211	638	3.31	100.0	127	4
110.0	29 06.5	117 19.0	JD	72 10 17	2330	209	655	3.19	100.0	176	30
110.0	28 56.5	117 39.0	JD	72 10 18	0549	205	669	3.06	100.0	33	33
110.0	28 36.5	118 18.0	JD	72 10 18	1033	205	692	2.96	100.0	24	64
110.0	28 16.5	118 57.5	JD	72 10 18	1630	213	677	3.15	100.0	33	53
120.0	28 24.0	114 10.7	JD	72 10 20	1402	28	116	2.43	100.0	145	68
120.0	28 22.4	114 15.3	JD	72 10 20	1305	56	214	2.64	100.0	131	421
120.0	28 13.0	114 34.0	JD	72 10 20	1010	82	329	2.50	100.0	72	161
120.0	28 03.0	114 54.0	JD	72 10 20	0743	76	280	2.70	100.0	111	265
120.0	27 56.5	115 14.0	JD	72 10 20	0534	35	142	2.43	100.0	54	112
120.0	27 43.1	115 30.0	JD	72 10 20	0300	213	711	2.99	100.0	105	113
120.0	27 33.0	115 52.5	JD	72 10 19	2100	212	697	3.04	100.0	140	10
120.0	27 13.0	116 30.0	JD	72 10 19	1544	211	690	3.06	100.0	32	31
120.0	26 53.0	117 10.0	JD	72 10 19	0958	207	697	2.97	100.0	51	20
120.0	26 32.5	117 49.0	JD	72 10 19	0450	210	695	3.03	100.0	147	75
130.0	26 33.5	113 21.0	JD	72 10 21	0640	48	187	2.55	100.0	24	73

TABLE 1. (cont.)

CALCOFI Cruise 7210

Line Station	Lat. (N) deg. min.	Long. (W) deg. min.	Ship Code	Tow Date yr. mo. day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand- ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
130.0	26 29.0	113 29.0	JD	72 10 21	0757	65	278	2.34	100.0	72	256
130.0	26 19.0	113 48.0	JD	72 10 21	1004	210	686	3.06	100.0	18	2
130.0	26 09.0	114 07.9	JD	72 10 21	1416	211	720	2.92	100.0	18	439
130.0	25 49.0	114 45.0	JD	72 10 21	1920	211	736	2.87	100.0	37	494
130.0	25 29.0	115 25.0	JD	72 10 22	0749	206	719	2.87	100.0	26	413
130.0	25 09.0	116 02.0	JD	72 10 22	1336	213	739	2.88	100.0	61	94
130.0	24 49.0	116 40.5	JD	72 10 22	1830	213	715	2.98	100.0	122	129
130.0	24 29.0	117 17.5	JD	72 10 22	2320	205	770	2.65	100.0	49	64
140.0	24 45.5	112 24.0	JD	72 11 10	0150	206	361	2.92	100.0	21	28
140.0	24 35.5	112 42.5	JD	72 11 09	2300	106	690	2.98	100.0	164	573
140.0	24 25.5	113 02.0	JD	72 11 09	2043	211	722	2.92	100.0	42	3
140.0	24 13.0	113 20.0	JD	72 11 09	1703	211	714	2.95	100.0	49	74
140.0	24 05.5	113 39.5	JD	72 11 09	1439	212	724	2.93	100.0	30	197
140.0	23 55.0	114 03.0	JD	72 11 09	1107	211	736	2.87	100.0	15	15
140.0	23 46.0	114 17.5	JD	72 11 09	0837	211	747	2.87	100.0	47	96
140.0	23 26.5	114 55.5	JD	72 11 09	0300	205	701	2.93	100.0	240	44
140.0	23 05.0	115 33.0	JD	72 11 08	2143	207	707	2.92	100.0	96	28
140.0	22 45.0	116 10.5	JD	72 11 08	1633	214	703	3.04	100.0	5	7
140.0	22 25.0	116 47.0	JD	72 11 08	1152	213	705	3.02	100.0	18	29
140.0	21 45.0	118 00.0	JD	72 11 07	2256	205	721	2.85	100.0	204	52
150.0	23 23.5	110 39.0	JD	72 11 10	1343	212	721	2.94	100.0	85	352
150.0	23 09.5	111 00.0	JD	72 11 10	1723	212	685	3.09	100.0	250	650
150.0	23 02.0	111 20.0	JD	72 11 10	2015	210	698	3.01	100.0	355	215
150.0	22 52.0	111 38.0	JD	72 11 10	2233	211	697	3.03	100.0	298	19
150.0	22 42.0	111 57.0	JD	72 11 11	0147	208	688	3.07	100.0	322	73
150.0	22 31.5	112 16.0	JD	72 11 11	0408	211	688	3.07	100.0	259	77
150.0	22 22.0	112 35.0	JD	72 11 11	0703	210	683	3.08	100.0	36	153
150.0	22 12.0	112 53.0	JD	72 11 11	0934	208	720	2.88	100.0	43	160
150.0	22 01.5	113 12.0	JD	72 11 11	1337	213	693	3.07	100.0	20	64
150.0	21 41.0	113 47.5	JD	72 11 11	1821	210	735	2.86	100.0	36	325
150.0	21 20.2	114 26.0	JD	72 11 12	0136	213	695	3.07	100.0	57	30
150.0	21 04.0	115 03.5	JD	72 11 12	0624	213	681	3.13	100.0	35	31
150.0	20 41.0	115 40.0	JD	72 11 12	1133	206	707	2.91	100.0	244	33
150.0	20 21.0	116 16.0	JD	72 11 12	1645	213	679	3.14	100.0	68	10
157.0	20 33.0	109 23.0	JD	72 11 14	1750	207	691	2.99	100.0	243	280
157.0	22 23.6	109 42.4	JD	72 11 14	1501	212	697	3.05	100.0	95	32
157.0	22 11.0	110 03.0	JD	72 11 14	1215	214	694	3.09	100.0	167	125
157.0	22 02.5	110 19.0	JD	72 11 14	0811	208	704	2.96	100.0	124	272
157.0	21 52.0	110 37.0	JD	72 11 14	0600	211	669	3.15	100.0	191	312
157.0	21 42.2	110 56.0	JD	72 11 14	0300	213	654	3.25	100.0	210	174
157.0	21 32.5	111 14.5	JD	72 11 14	0030	211	677	3.12	100.0	72	65
157.0	21 23.0	111 33.0	JD	72 11 13	2050	206	715	2.88	100.0	196	17
157.0	21 12.5	111 52.0	JD	72 11 13	1825	211	687	3.08	100.0	142	17
157.0	21 02.2	112 10.7	JD	72 11 13	1528	211	702	3.01	100.0	54	16
157.0	20 52.0	112 29.0	JD	72 11 13	1304	213	698	3.05	100.0	21	58

TABLE 2. Pooled occurrences of fish larvae taken during CalCOFI cruises in 1972.

Rank	Taxon	Occurrences
1	<i>Engraulis mordax</i>	548
2	<i>Sebastes</i> spp.	509
3	<i>Protomyctophum crockeri</i>	388
4	<i>Leuroglossus stilbius</i>	387
5	<i>Tarletonbeania crenularis</i>	377
6	<i>Stenobranchius leucopsarus</i>	356
7	<i>Bathylagus ochotensis</i>	345
8	<i>Merluccius productus</i>	305
9	<i>Lampanyctus</i> spp.	281
10	<i>Vinciguerria lucetia</i>	271
11	Disintegrated fish larva	258
12	<i>Citharichthys</i> spp.	227
13	Unidentified fish larva	222
14	<i>Melamphaes</i> spp.	219
15	<i>Triphoturus mexicanus</i>	218
16	Sternoptychidae	217
17	<i>Diogenichthys laternatus</i>	201
18	<i>Lampanyctus ritteri</i>	187
19	<i>Bathylagus wesethi</i>	164
20	<i>Icichthys lockingtoni</i>	140
20	<i>Sebastes paucispinis</i>	140
22	<i>Cyclothone</i> spp.	130
23	<i>Chauliodus macouni</i>	123
23	Myctophidae	123
25	<i>Bathylagus</i> spp.	121
26	<i>Hygophum atratum</i>	120
27	<i>Stomias atriventer</i>	117
28	<i>Trachurus symmetricus</i>	116
29	<i>Diaphus</i> spp.	107
30	<i>Symbolophorus californiensis</i>	100
31	<i>Bathylagus pacificus</i>	99
32	<i>Citharichthys stigmaeus</i>	92
33	<i>Sebastes jordani</i>	90
34	Gobiidae	88
35	<i>Lestidiops ringens</i>	82
36	<i>Diogenichthys atlanticus</i>	68
36	<i>Ceratoscopelus townsendi</i>	68
38	<i>Sebastolobus</i> spp.	65
39	Sciaenidae	63
40	Trachipteridae	56
41	<i>Lyopsetta exilis</i>	54
41	<i>Argentina sialis</i>	54
43	<i>Parophrys vetulus</i>	53
44	<i>Danaphos oculatus</i>	51
45	<i>Gonichthys tenuiculus</i>	49
46	<i>Diplophos taenia</i>	47
47	<i>Nansenia candida</i>	44
48	<i>Nansenia crassa</i>	39

TABLE 2. (cont.)

Rank	Taxon	Occurrences
49	<i>Paralichthys californicus</i>	37
49	<i>Bregmaceros</i> spp.	37
51	<i>Microstoma microstoma</i>	33
52	Paralepididae	32
53	<i>Cololabis saira</i>	31
54	Clinidae	30
55	Cottidae	28
56	<i>Sardinops sagax</i>	27
57	Anguilliformes	26
58	<i>Idiacanthus antrostomus</i>	25
58	<i>Lampanyctus regalis</i>	25
60	<i>Scopelarchus</i> spp.	24
61	<i>Scopelogadus bispinosus</i>	21
61	<i>Myctophum aurolaternatum</i>	21
61	<i>Pleuronichthys verticalis</i>	21
61	<i>Oxyjulis californica</i>	21
61	Serranidae	21
66	<i>Symphurus</i> spp.	20
67	Macrouridae	18
67	<i>Sebastes aurora</i>	18
69	Agonidae	17
69	<i>Microstomus pacificus</i>	17
69	<i>Hippoglossina stomata</i>	17
72	<i>Hypsoblennius</i> spp.	16
72	Hexagrammidae	16
72	<i>Scopelarchoides nicholsi</i>	16
75	Chiasmodontidae	15
75	Gempylidae	15
75	<i>Poromitra</i> spp.	15
75	<i>Glyptocephalus zachirus</i>	15
75	<i>Electrona risoi</i>	15
75	<i>Rosenblattichthys volucris</i>	15
75	<i>Sebastes macdonaldi</i>	15
82	Moridae	14
82	Cyclopteridae	14
82	<i>Protomyctophum thompsoni</i>	14
82	<i>Lampadena urophaos</i>	14
86	<i>Bathylagus milleri</i>	13
86	<i>Myctophum nitidulum</i>	13
86	<i>Tetragonurus cuvieri</i>	13
86	<i>Scorpaenichthys marmoratus</i>	13
86	<i>Sebastes levis</i>	13
91	<i>Icosteus aenigmaticus</i>	12
91	<i>Cubiceps pauciradiatus</i>	12
91	<i>Hygophum reinhardtii</i>	12
94	<i>Scopelosaurus</i> spp.	11
94	<i>Synodus</i> spp.	11
94	<i>Peprilus simillimus</i>	11
94	<i>Bolinichthys</i> spp.	11
94	<i>Bathophilus</i> spp.	11

TABLE 2. (cont.)

Rank	Taxon	Occurrences
99	<i>Notolepis risso</i>	10
99	Labridae	10
101	Ophidiiformes	9
101	<i>Halichoeres</i> spp.	9
101	<i>Notoscopelus resplendens</i>	9
101	Blennioidei	9
105	Pleuronectiformes	8
105	<i>Pleuronichthys decurrens</i>	8
105	<i>Psettichthys melanostictus</i>	8
105	Stomiiformes	8
105	<i>Pleuronichthys ritteri</i>	8
105	<i>Bothus</i> spp.	8
105	<i>Valenciennellus stellatus</i>	8
112	<i>Ichthyococcus</i> spp.	7
112	<i>Brosmophycis marginata</i>	7
112	<i>Brama</i> spp.	7
112	<i>Ophidion scrippsae</i>	7
112	<i>Notolychnus valdiviae</i>	7
112	Gonostomatidae	7
112	<i>Lepidopus xantusi</i>	7
119	<i>Prionotus</i> spp.	6
119	Ceratioidei	6
119	<i>Aulopus</i> spp.	6
119	<i>Coryphaena hippurus</i>	6
119	<i>Benthoosema pterota</i>	6
119	<i>Platichthys stellatus</i>	6
119	<i>Benthalbella dentata</i>	6
119	<i>Zaniolepis</i> spp.	6
127	Osmeridae	5
127	<i>Xystreurus liolepis</i>	5
127	<i>Psenes pellucidus</i>	5
127	<i>Syacium ovale</i>	5
127	<i>Psenes sio</i>	5
127	<i>Tactostoma macropus</i>	5
127	<i>Aristostomias scintillans</i>	5
134	<i>Etrumeus acuminatus</i>	4
134	<i>Auxis</i> spp.	4
134	<i>Microgadus proximus</i>	4
134	Carangidae	4
134	<i>Sarda chiliensis</i>	4
139	<i>Chilara taylori</i>	3
139	<i>Scomber japonicus</i>	3
139	<i>Lepidopsetta bilineata</i>	3
139	<i>Scorpaena</i> spp.	3
139	<i>Pleuronichthys coenosus</i>	3
139	Atherinidae	3
139	<i>Isopsetta isolepis</i>	3
139	<i>Oxylebius pictus</i>	3
147	Gobiesocidae	2
147	Pomacentridae	2

TABLE 2. (cont.)

Rank	Taxon	Occurrences
147	<i>Syngnathus</i> spp.	2
147	<i>Stemonosudis macrura</i>	2
147	<i>Howella brodiei</i>	2
147	<i>Hygophum</i> spp.	2
147	Eutaeniophoridae	2
147	Scorpaenidae	2
147	<i>Chromis punctipinnis</i>	2
147	<i>Thunnus albacares</i>	2
147	Carapidae	2
147	<i>Medialuna californiensis</i>	2
147	<i>Mugil</i> spp.	2
147	Myctophiformes	2
147	<i>Loweina rara</i>	2
162	<i>Macroramphosus gracilis</i>	1
162	<i>Albula vulpes</i>	1
162	Lophiidae	1
162	Uranoscopidae	1
162	Antennariidae	1
162	Gadidae	1
162	<i>Anoplopoma fimbria</i>	1
162	<i>Eustomias</i> spp.	1
162	<i>Oxyporhamphus micropterus</i>	1
162	Evermannellidae	1
162	<i>Bathylagus longirostris</i>	1
162	Gerreidae	1
162	<i>Hypsopsetta guttulata</i>	1
162	Haemulidae	1
162	<i>Caulolatilus princeps</i>	1
162	<i>Physiculus</i> spp.	1
162	Microdesmidae	1
162	Bathymasteridae	1
162	<i>Dolichopteryx longipes</i>	1
162	<i>Seriola lalandi</i>	1
162	Bothidae	1
162	<i>Cyclopsetta</i> spp.	1
162	<i>Vinciguerrria poweriae</i>	1
162	<i>Bathylchnops exilis</i>	1

TABLE 3. Pooled numbers of fish larvae taken during CalCOFI cruises in 1972. Counts are adjusted for percent of sample sorted and standard haul factor (see text).

Rank	Taxon	Count
1	<i>Engraulis mordax</i>	272352
2	<i>Merluccius productus</i>	81087
3	<i>Sebastes</i> spp.	50567
4	<i>Vinciguerria lucetia</i>	36959
5	<i>Leuroglossus stilbius</i>	29313
6	<i>Stenobranchius leucopsarus</i>	28905
7	<i>Bathylagus ochotensis</i>	19039
8	<i>Triphoturus mexicanus</i>	12396
9	<i>Tarletonbeania crenularis</i>	11705
10	<i>Diogenichthys laternatus</i>	9477
11	<i>Bathylagus wesethi</i>	4228
12	<i>Trachurus symmetricus</i>	4211
13	<i>Protomyctophum crockeri</i>	3915
14	<i>Sebastes jordani</i>	3541
15	<i>Sebastes paucispinis</i>	3375
16	<i>Citharichthys</i> spp.	3362
17	<i>Lampanyctus</i> spp.	3078
18	<i>Diaphus</i> spp.	2643
19	<i>Lampanyctus ritteri</i>	2394
20	Unidentified fish larva	2385
21	Disintegrated fish larva	2169
22	<i>Hygophum atratum</i>	2116
23	<i>Bathylagus</i> spp.	2052
24	<i>Cyclothone</i> spp.	1638
25	<i>Icichthys lockingtoni</i>	1376
26	Sternoptychidae	1375
27	<i>Melamphaes</i> spp.	1310
28	<i>Symbolophorus californiensis</i>	1294
29	<i>Bathylagus pacificus</i>	1109
30	<i>Sardinops sagax</i>	1100
31	<i>Parophrys vetulus</i>	1020
32	<i>Chauliodus macouni</i>	972
33	Sciaenidae	961
34	Myctophidae	957
35	<i>Ceratospopelus townsendi</i>	927
36	<i>Nansenia candida</i>	841
37	<i>Sebastolobus</i> spp.	822
38	<i>Stomias atriventer</i>	699
39	<i>Diogenichthys atlanticus</i>	680
40	<i>Citharichthys stigmaeus</i>	641
41	Gobiidae	612
42	<i>Argentina sialis</i>	565
43	<i>Diplophos taenia</i>	523
44	<i>Bregmaceros</i> spp.	500
45	<i>Lyopsetta exilis</i>	470
46	<i>Synodus</i> spp.	454
47	Serranidae	429

TABLE 3. (cont.)

Rank	Taxon	Count
48	<i>Lestidiops ringens</i>	412
49	<i>Gonichthys tenuiculus</i>	389
50	Cottidae	374
51	Clinidae	356
52	<i>Paralichthys californicus</i>	320
53	<i>Symphurus</i> spp.	312
53	<i>Lampanyctus regalis</i>	312
55	<i>Danaphos oculatus</i>	275
56	Trachipteridae	261
57	Paralepididae	240
58	<i>Myctophum aurolaternatum</i>	226
59	<i>Lepidopus xantusi</i>	208
60	<i>Sebastes macdonaldi</i>	197
61	<i>Oxyjulis californica</i>	185
62	<i>Protomyctophum thompsoni</i>	173
63	<i>Nansenia crassa</i>	166
64	<i>Idiacanthus antrostomus</i>	159
65	<i>Cololabis saira</i>	155
65	<i>Hypsoblennius</i> spp.	155
67	<i>Auxis</i> spp.	152
68	<i>Halichoeres</i> spp.	150
69	Anguilliformes	149
69	<i>Microstoma microstoma</i>	149
71	<i>Peprilus simillimus</i>	137
72	<i>Glyptocephalus zachirus</i>	132
73	<i>Benthoosema pterota</i>	127
74	Ophidiiformes	120
75	<i>Microstomus pacificus</i>	119
76	<i>Sebastes levis</i>	114
77	Agonidae	110
78	<i>Pleuronichthys verticalis</i>	109
79	<i>Sarda chiliensis</i>	99
79	<i>Scopelarchus</i> spp.	99
81	<i>Lampadena urophaos</i>	97
82	<i>Scopelogadus bispinosus</i>	95
83	Macrouridae	93
84	<i>Psettichthys melanostictus</i>	92
84	<i>Scopelarchoides nicholsi</i>	92
86	Moridae	86
87	<i>Bathylagus milleri</i>	84
87	Cyclopteridae	84
89	<i>Sebastes aurora</i>	83
90	Hexagrammidae	82
90	<i>Platichthys stellatus</i>	82
92	Blennioidei	81
93	<i>Hippoglossina stomata</i>	80
94	<i>Notoscopelus resplendens</i>	77
95	<i>Cubiceps pauciradiatus</i>	76
96	<i>Microgadus proximus</i>	75

TABLE 3. (cont.)

Rank	Taxon	Count
97	Gempylidae	74
97	<i>Icosteus aenigmaticus</i>	74
99	Chiasmodontidae	69
100	<i>Bathophilus</i> spp.	68
101	<i>Poromitra</i> spp.	67
102	<i>Brosmophycis marginata</i>	64
103	<i>Tetragonurus cuvieri</i>	63
103	<i>Hygophum reinhardtii</i>	63
103	<i>Pleuronichthys ritteri</i>	63
106	<i>Electrona rissoi</i>	61
106	<i>Scorpaenichthys marmoratus</i>	61
108	<i>Isopsetta isolepis</i>	59
108	<i>Rosenblattichthys volucris</i>	59
110	<i>Myctophum nitidulum</i>	57
111	<i>Bolinichthys</i> spp.	55
112	Osmeridae	52
112	<i>Notolepis risso</i>	52
112	Labridae	52
115	Pleuronectiformes	48
115	<i>Scopelosaurus</i> spp.	48
117	<i>Ophidion scrippsae</i>	45
118	<i>Scorpaena</i> spp.	44
119	Carangidae	40
120	<i>Notolychnus valdiviae</i>	39
121	<i>Pleuronichthys decurrens</i>	38
121	<i>Psenes pellucidus</i>	38
121	Stomiiformes	38
124	<i>Scomber japonicus</i>	35
125	<i>Etrumeus acuminatus</i>	32
126	<i>Chromis punctipinnis</i>	31
126	<i>Tactostoma macropus</i>	31
128	<i>Xystreureys liolepis</i>	30
129	<i>Benthalbella dentata</i>	29
129	<i>Aulopus</i> spp.	29
131	Gonostomatidae	28
132	<i>Prionotus</i> spp.	27
133	<i>Valenciennellus stellatus</i>	25
133	<i>Bothus</i> spp.	25
135	<i>Psenes sio</i>	24
136	<i>Zaniolepis</i> spp.	22
136	Ceratioidei	22
136	<i>Coryphaena hippurus</i>	22
136	<i>Brama</i> spp.	22
140	<i>Seriola lalandi</i>	21
140	<i>Ichthyococcus</i> spp.	21
140	<i>Syacium ovale</i>	21
140	<i>Chilara taylori</i>	21
144	<i>Oxylebius pictus</i>	19
144	<i>Aristostomias scintillans</i>	19

TABLE 3. (cont.)

Rank	Taxon	Count
144	Atherinidae	19
147	<i>Pleuronichthys coenosus</i>	18
148	Scorpaenidae	17
149	<i>Syngnathus</i> spp.	15
149	<i>Hygophum</i> spp.	15
151	Bathymasteridae	13
151	Pomacentridae	13
151	Carapidae	13
154	Gobiesocidae	11
155	Microdesmidae	10
155	<i>Lepidopsetta bilineata</i>	10
157	<i>Stemonosudis macrura</i>	9
158	<i>Hypsopsetta guttulata</i>	7
159	<i>Howella brodiei</i>	6
159	<i>Medialuna californiensis</i>	6
159	Eutaeniophoridae	6
159	<i>Oxyporhamphus micropterus</i>	6
159	<i>Thunnus albacares</i>	6
159	Gadidae	6
159	<i>Mugil</i> spp.	6
159	<i>Loweina rara</i>	6
159	Myctophiformes	6
168	Lophiidae	3
168	<i>Macroramphosus gracilis</i>	3
168	<i>Physiculus</i> spp.	3
168	<i>Albula vulpes</i>	3
168	<i>Cyclopsetta</i> spp.	3
168	Antennariidae	3
168	<i>Vinciguerria poweriae</i>	3
168	Uranoscopidae	3
168	<i>Anoplopoma fimbria</i>	3
168	<i>Eustomias</i> spp.	3
168	<i>Bathylagus longirostris</i>	3
168	Bothidae	3
168	Evermannellidae	3
168	<i>Dolichopteryx longipes</i>	3
168	Gerreidae	3
168	<i>Bathylchnops exilis</i>	3
168	<i>Caulolatilus princeps</i>	3
185	Haemulidae	2
	Total	622868

TABLE 4. Numbers of fish larvae taken on stations occupied during CalCOFI cruises in 1972. Counts are adjusted for percent of sample sorted and standard haul factor (see text). Average number is given for stations occupied twice during a single month. Unoccupied stations are indicated by a dash.

<i>Albula vulpes</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	30.0	0.0	-	-	-	3.4	-	-	-	-	0.0	-
<i>Anguilliformes</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	0.0	4.1	-	-	0.0	-	-	-	0.0	-
83.0	55.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	45.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
127.0	45.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0	40.0	6.5	0.0	-	-	-	0.0	-	-	-	-	-
147.0	25.0	3.1	-	-	-	-	-	-	-	-	-	-
147.0	35.0	3.1	-	-	-	-	-	-	-	-	-	-
150.0	25.0	0.0	-	-	3.5	-	-	-	-	-	3.1	-
150.0	30.0	0.0	-	-	0.0	-	-	-	-	-	3.0	-
150.0	35.0	3.4	-	-	0.0	-	-	-	-	-	0.0	-
150.0	50.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-
153.0	16.0	3.7	-	-	-	-	-	-	-	-	-	-
153.0	20.0	7.1	-	-	-	-	-	-	-	-	-	-
157.0	10.0	0.0	-	-	2.9	-	-	-	-	-	14.9	-
157.0	15.0	6.4	-	-	0.0	-	-	-	-	-	9.1	-
157.0	25.0	0.0	-	-	0.0	-	-	-	-	-	5.9	-
157.0	35.0	9.6	-	-	0.0	-	-	-	-	-	3.3	-
157.0	40.0	12.4	-	-	3.2	-	-	-	-	-	21.8	-
157.0	60.0	0.0	-	-	0.0	-	-	-	-	-	3.0	-
<i>Etrumeus acuminatus</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
120.0	25.0	0.0	0.0	-	0.0	-	0.0	-	-	10.6	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	14.6	-	-
157.0	15.0	0.0	-	-	-	3.0	-	-	-	-	0.0	-
<i>Sardinops sagax</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	32.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
100.0	29.0	0.0	3.2	-	0.0	-	0.0	-	-	6.0	-	-
107.0	31.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sardinops sagax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	35.0	0.0	0.0	-	6.0	-	0.0	-	-	0.0	-	-
120.0	24.0	0.0	0.0	-	0.0	-	280.8	-	-	0.0	-	-
120.0	25.0	0.0	0.0	-	0.0	-	10.8	-	-	169.0	-	-
120.0	40.0	9.6	0.0	-	10.5	-	462.8	-	-	14.6	-	-
120.0	45.0	5.3	0.0	-	0.0	-	48.2	-	-	3.0	-	-
123.0	36.0	5.3	0.0	-	-	-	0.0	-	-	-	-	-
123.0	42.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
130.0	28.0	12.1	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	35.0	3.1	0.0	-	0.0	-	0.0	-	-	3.1	-	-
137.0	22.0	0.0	0.0	-	-	-	7.7	-	-	-	-	-
143.0	26.0	11.8	-	-	-	-	-	-	-	-	-	-
150.0	25.0	0.0	-	-	-	3.5	-	-	-	-	0.0	-
157.0	15.0	3.2	-	-	-	0.0	-	-	-	-	0.0	-
157.0	30.0	3.1	-	-	-	0.0	-	-	-	-	0.0	-

Engraulis mordax

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	47.0	0.0	-	-	0.0	-	0.0	-	-	-	29.3	-
50.0	50.0	0.0	-	-	0.0	-	0.0	-	-	-	17.7	-
50.0	55.0	0.0	-	-	0.0	-	0.0	-	-	-	2.7	-
57.0	60.0	-	0.0	-	-	-	130.3	-	-	-	-	-
57.0	70.0	-	0.0	-	-	-	169.0	-	-	-	-	-
57.0	80.0	-	0.0	-	-	-	135.5	-	-	-	-	-
57.0	90.0	-	0.0	-	-	-	43.7	-	-	-	-	-
60.0	52.0	0.0	5.0	0.0	-	-	16.5	-	-	-	6.4	-
60.0	55.0	0.0	0.0	0.0	-	-	25.7	-	-	-	0.0	-
60.0	60.0	0.0	0.0	0.0	-	-	49.9	-	-	-	0.0	-
60.0	90.0	-	0.0	0.0	-	-	1165.3	-	-	-	0.0	-
63.0	50.0	13.7	0.0	-	-	-	42.6	-	-	-	-	-
63.0	52.0	0.0	0.0	-	-	-	105.8	-	-	-	-	-
63.0	55.0	3.4	0.0	-	-	-	70.4	-	-	-	-	-
63.0	60.0	0.0	0.0	-	-	-	507.2	-	-	-	-	-
63.0	65.0	3.3	0.0	-	-	-	200.3	-	-	-	-	-
67.0	50.0	0.0	0.0	-	-	-	24.2	-	-	-	-	-
67.0	55.0	0.0	24.1	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	0.0	-	-	-	26.2	-	-	-	-	-
67.0	70.0	0.0	0.0	-	-	-	39.8	-	-	-	-	-
67.0	80.0	-	0.0	-	-	-	13.0	-	-	-	-	-
70.0	51.0	0.0	-	0.0	-	-	0.0	-	-	-	5.4	-
70.0	53.0	30.4	0.0	0.0	-	-	26.0	-	-	-	21.6	-
70.0	60.0	0.0	47.6	6.7	-	-	0.0	-	-	-	95.0	-
70.0	65.0	-	0.0	1.5	-	-	0.0	-	-	-	84.6	-
70.0	70.0	0.0	0.0	0.0	-	-	63.4	-	-	-	72.5	-
73.0	53.0	7.4	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	60.0	0.0	0.0	0.0	0.0	0.0	36.0	-	-	-	-	-
73.0	65.0	0.0	37.1	0.0	0.0	-	-	-	-	-	-	-
73.0	70.0	0.0	26.1	0.0	0.0	-	-	-	-	-	-	-
73.0	80.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-
77.0	51.0	10.3	0.0	0.0	0.0	59.1	-	-	-	-	-	-
77.0	55.0	8.3	41.0	0.0	0.0	69.8	-	-	-	-	-	-
77.0	60.0	0.0	12.9	0.0	0.0	119.2	-	-	-	-	-	-
77.0	65.0	0.0	21.5	0.0	0.0	25.8	-	-	-	-	-	-
77.0	70.0	4.5	31.6	0.0	0.0	20.2	-	-	-	-	-	-
77.0	80.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-	-
80.0	51.0	0.0	54.2	0.0	0.0	9.3	-	-	-	34.6	-	-
80.0	52.0	6.9	6.6	64.9	0.0	37.1	-	-	-	16.2	-	-
80.0	55.0	53.8	51.8	43.0	0.0	38.5	-	-	-	-	28.2	-
80.0	60.0	0.0	44.2	10.9	0.0	13.2	-	-	-	-	78.3	-
80.0	70.0	3.2	6.2	0.0	0.0	0.0	-	-	-	-	0.0	-
80.0	80.0	0.0	3.1	0.0	0.0	0.0	-	-	-	-	0.0	-
82.0	47.0	128.5	1352.5	0.0	0.0	23.4	-	-	-	-	-	-
83.0	40.0	5.1	571.2	0.0	0.0	15.3	-	-	-	-	-	-
83.0	43.0	16.4	0.0	0.0	0.0	58.6	-	-	-	-	-	-
83.0	51.0	173.3	740.5	0.0	0.0	17.4	-	-	-	-	-	-
83.0	55.0	564.0	278.2	0.0	0.0	12.0	-	-	-	-	-	-
83.0	60.0	17.4	0.0	0.0	0.0	12.9	-	-	-	-	-	-
83.0	70.0	4.5	15.7	0.0	0.0	0.0	-	-	-	-	-	-
83.0	80.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-	-
87.0	33.0	55.8	483.3	0.0	0.0	1131.3	-	-	-	-	-	-
87.0	35.0	29.0	680.3	0.0	0.0	118.8	-	-	-	-	-	-
87.0	40.0	88.8	0.0	0.0	0.0	50.4	-	-	-	-	-	-
87.0	45.0	103.7	1881.6	0.0	0.0	176.8	-	-	-	-	-	-
87.0	50.0	29.7	658.3	0.0	0.0	0.0	-	-	-	-	-	-
87.0	55.0	38.5	13.6	0.0	0.0	0.0	-	-	-	-	-	-
87.0	60.0	0.0	3.3	0.0	0.0	157.9	-	-	-	-	-	-
87.0	70.0	0.0	0.0	0.0	0.0	3.0	-	-	-	-	-	-
87.0	80.0	0.0	0.0	0.0	0.0	2.7	-	-	-	-	-	-
90.0	28.0	487.7	996.2	0.0	0.0	64.3	-	-	576.3	-	-	-
90.0	32.0	901.6	1734.4	5279.3	0.0	1992.3	-	-	2470.0	-	-	-
90.0	37.0	2528.6	833.3	1282.4	0.0	562.0	-	-	768.0	-	-	-
90.0	45.0	87.0	8061.3	2294.2	0.0	153.4	-	-	307.9	-	-	-
90.0	53.0	133.0	1776.3	330.5	0.0	438.1	-	-	71.3	-	-	-
90.0	60.0	31.6	203.0	959.6	0.0	0.0	-	-	0.0	-	-	-
90.0	70.0	6.9	0.0	536.3	0.0	0.0	-	-	0.0	-	-	-
90.0	80.0	0.0	162.5	42.3	0.0	0.0	-	-	0.0	-	-	-
90.0	90.0	0.0	0.0	485.0	0.0	0.0	-	-	0.0	-	-	-
90.0	100.0	0.0	0.0	3.1	0.0	0.0	-	-	0.0	-	-	-
93.0	27.0	492.5	5.8	0.0	0.0	2488.8	-	-	-	-	-	-
93.0	28.0	663.6	627.1	0.0	0.0	1347.8	-	-	-	-	-	-
93.0	30.0	84.8	302.6	0.0	0.0	1622.9	-	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	35.0	824.2	130.0	-	-	-	963.2	-	-	-	-	-
93.0	40.0	47.1	239.4	-	-	-	254.8	-	-	-	-	-
93.0	45.0	494.5	95.5	-	-	-	549.1	-	-	-	-	-
93.0	50.0	0.0	227.9	-	-	-	11.0	-	-	-	-	-
93.0	55.0	0.0	1788.2	-	-	-	1857.1	-	-	-	-	-
93.0	60.0	0.0	31.1	-	-	-	355.8	-	-	-	-	-
93.0	70.0	0.0	17.8	-	-	-	11.4	-	-	-	-	-
93.0	80.0	0.0	172.1	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	20.2	-	-	-	3.4	-	-	-	-	-
93.0	100.0	0.0	-	-	-	-	2.9	-	-	-	-	-
97.0	29.0	15.7	170.1	-	-	-	-	-	-	-	-	-
97.0	30.0	11.1	117.4	-	-	-	-	-	-	-	-	-
97.0	32.0	48.2	803.6	-	-	-	1664.2	-	-	-	-	-
97.0	35.0	622.0	1214.4	-	-	-	274.0	-	-	-	-	-
97.0	40.0	1713.0	323.0	-	-	-	807.0	-	-	-	-	-
97.0	45.0	131.2	3466.2	-	-	-	107.2	-	-	-	-	-
97.0	50.0	0.0	5263.9	-	-	-	35.3	-	-	-	-	-
97.0	55.0	2.9	316.5	-	-	-	10.7	-	-	-	-	-
97.0	60.0	0.0	19.7	-	-	-	36.7	-	-	-	-	-
97.0	70.0	0.0	6.5	-	-	-	6.0	-	-	-	-	-
97.0	80.0	0.0	24.8	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	16.5	-	-	-	0.0	-	-	-	-	-
100.0	29.0	2.9	1043.1	-	6240.0	-	22.3	-	-	6.0	-	-
100.0	30.0	14.9	1601.4	-	4221.4	-	0.0	-	-	5.7	-	-
100.0	35.0	0.0	861.8	-	2197.3	-	0.0	-	-	14.9	-	-
100.0	40.0	282.1	236.2	-	2233.9	-	0.0	-	-	6.7	-	-
100.0	50.0	3.1	305.0	-	259.1	-	0.0	-	-	7.3	-	-
100.0	60.0	0.0	12.5	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	51.0	-	18.1	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	154.5	-	0.0	-	0.0	-	-	0.0	-	-
100.0	90.0	3.2	8.8	-	0.0	-	0.0	-	-	0.0	-	-
103.0	29.0	128.7	560.3	-	-	-	-	-	-	-	-	-
103.0	30.0	790.0	1165.3	-	-	-	-	-	-	-	-	-
103.0	35.0	323.3	246.6	-	-	-	-	-	-	-	-	-
103.0	40.0	204.9	294.1	-	-	-	-	-	-	-	-	-
103.0	45.0	11.7	1095.1	-	-	-	0.0	-	-	-	-	-
103.0	50.0	1067.5	201.0	-	-	-	0.0	-	-	-	-	-
103.0	60.0	0.0	361.1	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	38.5	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	12.9	-	-	-	0.0	-	-	-	-	-
107.0	31.0	318.6	285.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	249.6	291.6	-	-	-	32.5	-	-	-	-	-
107.0	35.0	1967.2	1002.4	-	-	-	0.0	-	-	-	-	-
107.0	40.0	799.9	1102.1	-	-	-	143.0	-	-	-	-	-
107.0	50.0	0.0	107.2	-	-	-	10.8	-	-	-	-	-
107.0	60.0	2.7	22.6	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	32.0	10.5	16.4	398.4	4.9	-	0.0	-	-	0.0	-	-
110.0	35.0	609.0	155.6	-	489.0	-	0.0	-	-	0.0	-	-
110.0	36.0	3.3	-	-	-	-	-	-	-	-	-	-
110.0	40.0	6.5	4017.6	490.5	25.4	-	46.1	-	-	3.2	-	-
110.0	45.0	3.0	917.3	735.1	100.8	-	12.0	-	-	0.0	-	-
110.0	50.0	0.0	369.6	496.0	73.6	-	36.2	-	-	0.0	-	-
110.0	55.0	3.3	0.0	2474.2	87.9	-	92.8	-	-	0.0	-	-
110.0	60.0	0.0	0.0	535.8	173.2	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	6.1	4773.6	8.9	-	0.0	-	-	0.0	-	-
110.0	80.0	0.0	0.0	0.0	31.3	-	0.0	-	-	0.0	-	-
113.0	29.0	0.0	9.2	4.9	-	-	7.6	-	-	-	-	-
113.0	30.0	5.3	184.8	22.4	-	-	0.0	-	-	-	-	-
113.0	35.0	264.4	182.1	604.2	-	-	23.0	-	-	-	-	-
113.0	40.0	1093.4	220.5	1100.0	-	-	300.2	-	-	-	-	-
113.0	45.0	19.7	2.9	503.4	-	-	0.0	-	-	-	-	-
113.0	50.0	9.8	1309.8	448.5	-	-	0.0	-	-	-	-	-
113.0	60.0	0.0	6231.9	326.5	-	-	0.0	-	-	-	-	-
113.0	70.0	0.0	207.2	2079.4	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	0.0	70.2	-	-	0.0	-	-	-	-	-
117.0	25.0	0.0	0.0	16.0	-	-	45.8	-	-	-	-	-
117.0	26.0	0.0	10.7	119.2	-	-	32.3	-	-	-	-	-
117.0	30.0	5.7	13.7	413.1	-	-	45.4	-	-	-	-	-
117.0	35.0	8.8	311.4	330.7	-	-	63.6	-	-	-	-	-
117.0	40.0	1693.4	504.0	889.2	-	-	206.7	-	-	-	-	-
117.0	45.0	0.0	55.2	1530.6	-	-	394.8	-	-	-	-	-
117.0	50.0	88.8	75.3	1097.4	-	-	132.0	-	-	-	-	-
117.0	60.0	3.4	12.3	1406.0	-	-	164.1	-	-	-	-	-
117.0	70.0	0.0	256.6	6.8	-	-	0.0	-	-	-	-	-
117.0	80.0	0.0	38.1	1808.2	-	-	0.0	-	-	-	-	-
118.0	39.0	-	98.8	619.1	-	-	25.1	-	-	-	-	-
119.0	33.0	0.0	0.0	243.5	-	-	130.2	-	-	267.3	-	-
120.0	24.0	0.0	5.1	32.5	12.5	-	337.0	-	-	15.8	-	-
120.0	25.0	2.8	8.6	0.0	67.5	-	205.2	-	-	2.5	-	-
120.0	30.0	0.0	8.7	2516.6	1051.1	-	73.9	-	-	0.0	-	-
120.0	35.0	0.0	0.0	34.5	1622.1	-	154.9	-	-	0.0	-	-
120.0	40.0	14.3	23.8	27.8	421.8	-	38.8	-	-	0.0	-	-
120.0	45.0	0.0	0.0	121.0	3538.6	-	72.2	-	-	0.0	-	-
120.0	50.0	0.0	0.0	219.6	323.6	-	24.0	-	-	0.0	-	-
120.0	60.0	3.1	3.3	989.4	1222.8	-	2.9	-	-	0.0	-	-
120.0	70.0	0.0	3.2	485.0	4321.6	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	0.0	477.6	2.8	-	0.0	-	-	0.0	-	-
123.0	36.0	2.7	498.1	57.6	-	-	0.0	-	-	-	-	-
123.0	37.0	51.7	1799.2	105.7	-	-	0.0	-	-	-	-	-
123.0	42.0	315.0	1098.9	59.4	-	-	46.2	-	-	-	-	-
123.0	45.0	63.2	261.5	342.1	-	-	57.0	-	-	-	-	-
123.0	50.0	0.0	65.8	324.0	-	-	36.0	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	60.0	0.0	1480.5	-	-	-	0.0	-	-	-	-	-
127.0	33.0	80.9	238.1	-	-	-	0.0	-	-	-	-	-
127.0	34.0	422.1	879.8	-	-	-	0.0	-	-	-	-	-
127.0	40.0	2647.1	3130.2	-	-	-	0.0	-	-	-	-	-
127.0	45.0	328.5	4008.8	-	-	-	0.0	-	-	-	-	-
127.0	50.0	1999.9	2649.2	-	-	-	0.0	-	-	-	-	-
127.0	60.0	627.5	7788.8	-	-	-	0.0	-	-	7.7	-	-
130.0	28.0	98.7	321.1	-	4.7	-	0.0	-	-	4.7	-	-
130.0	30.0	21.1	1003.0	-	13.7	-	0.0	-	-	0.0	-	-
130.0	35.0	221.7	2073.4	-	430.9	-	0.0	-	-	0.0	-	-
130.0	40.0	7572.4	25.6	-	45.5	-	0.0	-	-	0.0	-	-
130.0	50.0	1428.9	5865.2	-	32.9	-	0.0	-	-	0.0	-	-
130.0	60.0	6.7	14.7	-	286.0	-	0.0	-	-	0.0	-	-
130.0	70.0	-	-	-	14.1	-	-	-	-	0.0	-	-
130.0	80.0	-	-	-	3.0	-	74.9	-	-	0.0	-	-
133.0	23.0	14.9	610.9	-	-	-	0.0	-	-	-	-	-
133.0	25.0	5.7	686.7	-	-	-	0.0	-	-	-	-	-
133.0	30.0	80.3	39.4	-	-	-	0.0	-	-	-	-	-
133.0	35.0	2981.5	6.4	-	-	-	0.0	-	-	-	-	-
133.0	40.0	5790.1	28.6	-	-	-	0.0	-	-	-	-	-
133.0	50.0	3.2	400.2	-	-	-	0.0	-	-	-	-	-
133.0	60.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
137.0	22.0	2430.6	3836.5	-	-	-	124.9	-	-	-	-	-
137.0	23.0	656.0	6842.8	-	-	-	79.9	-	-	-	-	-
137.0	30.0	1583.2	9.8	-	-	-	0.0	-	-	-	-	-
137.0	35.0	3.5	251.1	-	-	-	0.0	-	-	-	-	-
137.0	40.0	9.5	16.4	-	-	-	0.0	-	-	-	-	-
137.0	50.0	0.0	6.8	-	-	-	0.0	-	-	-	-	-
140.0	30.0	-	3200.4	-	-	7.6	-	-	-	-	0.0	-
140.0	35.0	-	60.8	-	-	0.0	-	-	-	-	0.0	-
140.0	40.0	-	74.4	-	-	0.0	-	-	-	-	0.0	-
143.0	26.0	-	94.7	-	-	-	-	-	-	-	-	-
143.0	35.0	-	20.3	-	-	-	-	-	-	-	-	-
143.0	40.0	-	6.4	-	-	-	-	-	-	-	-	-
147.0	25.0	-	12.4	-	-	-	-	-	-	-	-	-

Argentina sialis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	1.6	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	2.5	0.0	-	-	-	0.0	-	-	-	-	-
80.0	51.0	3.1	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	0.0	3.0	0.0	-	-	0.0	-	-	-	2.8	-
83.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Argentina sialis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	5.1	0.0	-	-	-	0.0	-	-	-	-	-
83.0	55.0	10.3	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	60.0	0.0	3.5	0.0	-	-	0.0	-	-	-	-	-
87.0	70.0	0.0	3.2	0.0	-	-	0.0	-	-	-	-	-
90.0	28.0	4.4	21.1	0.0	-	-	0.0	-	0.0	-	-	-
90.0	32.0	3.4	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	37.0	0.0	11.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	27.0	4.2	12.5	-	-	-	0.0	-	-	-	-	-
93.0	28.0	5.2	0.0	-	-	-	0.0	-	-	-	-	-
93.0	35.0	8.8	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	0.0	2.6	0.0	-	-	-	-	-	-	-	-
100.0	29.0	5.6	6.4	9.8	-	-	10.2	-	-	3.0	-	-
100.0	30.0	8.9	17.0	0.0	-	-	0.0	-	-	2.8	-	-
107.0	32.0	12.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	16.8	3.4	-	-	-	0.0	-	-	-	-	-
107.0	40.0	0.0	2.6	-	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	0.0	-	-	-	11.5	-	-	0.0	-	-
110.0	35.0	3.3	0.0	-	-	-	32.9	-	-	0.0	-	-
110.0	36.0	3.3	-	-	-	-	-	-	-	-	-	-
110.0	40.0	3.3	0.0	0.0	-	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	0.0	-	-	-	22.7	-	-	-	-	-
117.0	35.0	8.8	5.6	-	-	-	0.0	-	-	-	-	-
117.0	40.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
118.0	39.0	-	18.3	-	-	-	0.0	-	-	-	-	-
119.0	33.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
120.0	45.0	0.0	0.0	57.2	-	-	0.0	-	-	0.0	-	-
130.0	35.0	0.0	23.9	0.0	-	-	0.0	-	-	0.0	-	-
133.0	30.0	0.0	9.1	-	-	-	0.0	-	-	-	-	-

Microstoma microstoma

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	100.0	-	-	-	0.0	-	-	-	-	-	3.1	-
63.0	70.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	6.3	-	-	-	0.0	-	-	-	-	-
70.0	80.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	65.0	0.0	0.0	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	0.0	-	-	-	8.4	-	-	-	-	-
77.0	55.0	3.4	5.9	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	1.8	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	0.0	-	-	-	-	-	-	-	-	-
80.0	60.0	0.0	3.8	-	-	-	13.2	-	-	-	0.0	-
80.0	90.0	0.0	0.0	0.0	-	-	3.8	-	-	-	3.1	-
83.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
		0.0	3.3	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Microstoma microstoma (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	0.0	0.0	-	-	3.8	-	-	-	-	-
90.0	70.0	0.0	0.0	3.0	-	-	3.5	0.0	-	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	0.0	0.0	-	-	-	-
90.0	90.0	0.0	0.0	3.4	-	-	0.0	0.0	-	-	-	-
93.0	50.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-
93.0	60.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	3.0	-	-	-	2.8	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
100.0	50.0	2.7	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-
100.0	60.0	3.4	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	0.0	0.0	-	0.0	-	-	3.0	-	-
100.0	80.0	0.0	3.0	0.0	0.0	-	0.0	-	-	0.0	-	-
103.0	50.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	2.3	-	0.0	-	0.0	-	-	0.0	-	-

Nansenia candida

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	14.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	60.0	17.8	-	-	0.0	-	-	-	-	0.0	-	-
43.0	50.0	12.7	-	-	-	0.0	0.0	-	-	-	-	-
43.0	60.0	36.7	-	-	-	0.0	0.0	-	-	-	-	-
47.0	65.0	11.0	-	-	-	0.0	0.0	-	-	-	-	-
47.0	70.0	169.0	-	-	-	0.0	0.0	-	-	-	-	-
47.0	80.0	150.4	-	-	-	0.0	0.0	-	-	-	-	-
50.0	60.0	13.1	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	65.0	24.5	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	70.0	24.4	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	90.0	27.0	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	120.0	-	-	-	3.2	-	-	-	-	-	0.0	-
57.0	80.0	-	12.7	-	-	-	0.0	-	-	-	-	-
60.0	70.0	0.0	8.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	28.8	0.0	-	-	0.0	-	-	-	0.0	-
63.0	60.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	15.2	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	9.4	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	11.8	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	1.5	-	-	-	0.0	-	-	-	-	-
70.0	60.0	6.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	3.4	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	6.4	3.1	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
73.0	60.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Nansenia candida (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	70.0	17.1	4.1	7.0	-	-	-	-	-	-	-	-
73.0	80.0	27.2	0.0	3.2	-	-	-	-	-	-	-	-
77.0	51.0	0.0	0.0	6.3	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	3.8	0.0	-	-	-	-	-	-	-	-
83.0	60.0	0.0	0.0	0.0	-	-	12.9	-	-	-	-	-
87.0	70.0	-	0.0	6.5	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	0.0	18.4	-	-	0.0	-	-	-	-	-
87.0	90.0	-	0.0	9.3	-	-	0.0	-	-	-	-	-
90.0	100.0	-	-	-	6.3	-	-	-	0.0	-	-	-
100.0	60.0	0.0	0.0	0.0	3.0	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	0.0	3.3	-	0.0	-	-	0.0	-	-

Nansenia crassa

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	3.7	-	-
107.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	80.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
110.0	36.0	-	-	-	-	-	-	-	-	-	-	-
110.0	50.0	0.0	0.0	-	0.0	-	12.1	-	-	0.0	-	-
110.0	55.0	0.0	0.0	-	0.0	-	0.0	-	-	6.4	-	-
110.0	70.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
113.0	60.0	0.0	0.0	-	-	-	2.5	-	-	-	-	-
117.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	70.0	3.4	0.0	-	-	-	2.8	-	-	-	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
127.0	60.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
130.0	35.0	3.1	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	50.0	3.0	0.0	-	3.0	-	0.0	-	-	0.0	-	-
130.0	60.0	3.3	0.0	-	6.0	-	0.0	-	-	0.0	-	-
130.0	70.0	-	-	-	2.8	-	-	-	-	2.9	-	-
133.0	30.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	40.0	6.8	0.0	-	-	-	0.0	-	-	-	-	-
133.0	50.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
133.0	60.0	0.0	3.1	-	-	-	3.1	-	-	-	-	-
137.0	35.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
137.0	50.0	0.0	0.0	-	-	-	24.5	-	-	-	-	-
140.0	40.0	-	3.4	-	-	0.0	-	-	-	-	0.0	-
140.0	45.0	-	0.0	-	-	2.9	-	-	-	-	3.0	-
140.0	60.0	-	0.0	-	-	3.1	-	-	-	-	0.0	-
140.0	80.0	-	0.0	-	-	6.1	-	-	-	-	2.9	-
140.0	100.0	-	-	-	0.0	0.0	-	-	-	-	3.0	-
150.0	25.0	-	0.0	-	-	0.0	-	-	-	-	3.1	-
150.0	100.0	-	-	-	-	-	-	-	-	-	2.9	-
153.0	60.0	-	3.0	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	55.0	81.4	-	-	0.0	-	-	-	-	0.0	-	-
40.0	65.0	9.0	-	-	0.0	-	-	-	-	0.0	-	-
43.0	50.0	25.4	-	-	-	0.0	0.0	-	-	-	-	-
43.0	55.0	13.4	-	-	-	0.0	0.0	-	-	-	-	-
47.0	50.0	10.8	-	-	-	0.0	0.0	-	-	-	-	-
47.0	70.0	42.2	-	-	-	0.0	0.0	-	-	-	-	-
50.0	55.0	40.4	-	-	0.0	-	-	-	-	-	2.7	-
50.0	120.0	-	-	-	6.4	-	-	-	-	-	0.0	-
60.0	60.0	0.0	1.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	0.0	0.0	0.0	-	-	26.1	-	-	-	0.0	-
60.0	70.0	0.0	5.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	4.7	0.0	-	-	0.0	-	-	-	0.0	-
63.0	52.0	3.7	0.0	-	-	-	0.0	-	-	-	0.0	-
63.0	60.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
63.0	65.0	10.0	0.0	-	-	-	0.0	-	-	-	-	-
63.0	70.0	0.0	20.7	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	6.0	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	18.8	-	-	-	6.9	-	-	-	-	-
67.0	60.0	0.0	1.9	-	-	-	0.0	-	-	-	-	-
67.0	65.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
67.0	70.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	3.2	-	-	-	0.0	-	-	-	0.0	-
70.0	53.0	5.8	14.7	0.0	-	-	0.0	-	-	-	-	-
70.0	55.0	-	12.6	-	-	-	0.0	-	-	-	0.0	-
70.0	60.0	-	41.5	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	37.5	15.3	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	3.9	1.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	10.5	1.7	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	16.0	0.0	0.0	-	-	2.7	-	-	-	0.0	-
73.0	53.0	15.5	8.0	-	-	-	0.0	-	-	-	-	-
73.0	60.0	66.9	0.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	10.6	4.6	-	-	-	-	-	-	-	-	-
73.0	70.0	68.2	11.4	-	-	-	-	-	-	-	-	-
73.0	80.0	77.6	8.1	-	-	-	-	-	-	-	-	-
73.0	90.0	7.4	0.0	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
77.0	51.0	27.9	3.2	-	-	-	0.0	-	-	-	-	-
77.0	55.0	47.5	27.4	-	-	-	0.0	-	-	-	-	-
77.0	60.0	16.4	68.0	-	-	-	0.0	-	-	-	-	-
77.0	65.0	22.2	0.0	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	7.0	-	-	-	0.0	-	-	-	-	-
77.0	80.0	11.1	0.0	-	-	-	-	-	-	-	-	-
77.0	90.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
80.0	52.0	0.0	3.3	0.0	-	-	0.0	-	-	0.0	0.0	-
80.0	60.0	3.8	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	9.9	0.0	0.0	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Bathylagus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	16.4	9.2	0.0	-	0.0	-	-	-	0.0	-
83.0	40.0	0.0	10.1	0.0	-	-	0.0	-	-	-	-	-
83.0	43.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
83.0	55.0	0.0	16.3	0.0	-	-	0.0	-	-	-	-	-
83.0	60.0	14.0	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	70.0	13.6	0.0	6.3	-	-	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	5.9	-	-	0.0	-	-	-	-	-
83.0	90.0	0.0	0.0	3.0	-	-	0.0	-	-	-	-	-
87.0	40.0	7.1	0.0	-	-	-	0.0	-	-	-	-	-
87.0	55.0	8.2	44.9	3.4	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	2.7	33.1	-	-	0.0	-	-	-	-	-
87.0	90.0	-	0.0	6.2	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	24.9	0.0	0.0	-	0.0	-	0.0	-	-	-
90.0	32.0	0.0	0.0	9.6	0.0	-	0.0	-	0.0	-	-	-
90.0	45.0	0.0	38.3	0.0	0.0	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	0.0	3.1	0.0	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	9.5	2.9	-	-	0.0	-	0.0	-	-	-
93.0	28.0	0.0	9.4	12.5	-	-	0.0	-	-	-	-	-
93.0	30.0	2.7	0.0	0.0	-	-	0.0	-	-	-	-	-
93.0	45.0	3.7	0.0	0.0	-	-	0.0	-	-	-	-	-
93.0	50.0	-	0.0	3.2	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	9.3	-	-	0.0	-	-	-	-	-
97.0	50.0	6.3	0.0	0.0	-	-	0.0	-	-	-	-	-
97.0	55.0	20.0	0.0	0.0	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	0.0	8.4	-	-	0.0	-	-	-	-	-
97.0	30.0	3.0	0.0	3.3	-	-	0.0	-	-	-	-	-
100.0	30.0	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	-
100.0	40.0	0.0	34.4	0.0	0.0	-	0.0	-	0.0	-	-	-
100.0	70.0	0.0	0.0	3.2	0.0	-	0.0	-	0.0	-	-	-
100.0	90.0	0.0	0.0	2.9	0.0	-	0.0	-	0.0	-	-	-
103.0	35.0	24.0	0.0	0.0	-	-	0.0	-	-	-	-	-
103.0	40.0	16.0	0.0	0.0	-	-	0.0	-	-	-	-	-
103.0	45.0	3.1	0.0	0.0	0.0	-	0.0	-	-	-	-	-
107.0	31.0	5.2	0.0	8.6	-	-	0.0	-	-	-	-	-
107.0	32.0	9.0	0.0	0.0	-	-	0.0	-	-	-	-	-
107.0	35.0	6.7	0.0	0.0	-	-	0.0	-	-	-	-	-
107.0	40.0	0.0	5.3	0.0	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	0.0	3.2	-	-	0.0	-	-	-	-	-
127.0	45.0	6.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
130.0	40.0	0.0	3.2	0.0	0.0	-	0.0	-	-	0.0	-	-
133.0	30.0	0.0	0.0	9.1	-	-	0.0	-	-	-	-	-
150.0	19.0	-	3.4	-	-	0.0	-	-	-	-	0.0	-

TABLE 4. (cont.)

Bathylagus longirostris

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	180.0	-	-	-	-	-	-	-	-	-	2.9	-

Bathylagus milleri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	0.0	-	-	0.0	-	-	-	-	3.3	-	-
40.0	45.0	18.1	-	-	0.0	-	-	-	-	0.0	-	-
57.0	70.0	-	0.0	-	-	13.0	-	-	-	-	-	-
63.0	60.0	0.0	7.1	-	-	0.0	-	-	-	-	-	-
67.0	50.0	0.0	3.3	-	-	0.0	-	-	-	-	-	-
70.0	65.0	0.0	0.0	-	-	0.0	-	-	-	-	2.7	-
70.0	70.0	0.0	0.0	-	-	0.0	-	-	-	-	0.0	-
70.0	90.0	3.2	0.0	-	-	0.0	-	-	-	-	0.0	-
77.0	55.0	4.2	0.0	-	-	0.0	-	-	-	-	-	-
77.0	65.0	0.0	1.6	-	-	0.0	-	-	-	-	-	-
80.0	80.0	0.0	0.0	-	-	0.0	-	-	-	-	0.0	-
83.0	90.0	0.0	0.0	4.2	-	0.0	-	-	-	-	-	-
93.0	80.0	3.4	0.0	-	-	0.0	-	-	-	-	-	-

Bathylagus ochotensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	0.0	-	-	3.5	-	-	-	-	0.0	-	-
40.0	45.0	181.2	-	-	0.0	-	-	-	-	0.0	-	-
40.0	50.0	248.2	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	284.8	-	-	13.0	-	-	-	-	0.0	-	-
40.0	60.0	62.2	-	-	7.1	-	-	-	-	0.0	-	-
40.0	65.0	54.0	-	-	7.3	-	-	-	-	0.0	-	-
40.0	70.0	-	-	-	0.0	-	-	-	-	11.8	-	-
40.0	80.0	-	-	-	20.9	-	-	-	-	0.0	-	-
43.0	42.0	12.1	-	-	-	0.0	-	-	-	-	-	-
43.0	50.0	76.1	-	-	-	0.0	-	-	-	-	-	-
43.0	55.0	40.3	-	-	-	0.0	-	-	-	-	-	-
43.0	60.0	146.9	-	-	-	0.0	-	-	-	-	-	-
43.0	65.0	327.0	-	-	-	0.0	-	-	-	-	-	-
43.0	70.0	159.4	-	-	-	0.0	-	-	-	-	-	-
47.0	50.0	290.5	-	-	-	0.0	-	-	-	-	-	-
47.0	55.0	94.4	-	-	-	0.0	-	-	-	-	-	-
47.0	65.0	187.7	-	-	-	0.0	-	-	-	-	-	-
47.0	70.0	323.8	-	-	-	0.0	-	-	-	-	-	-
50.0	47.0	195.5	-	-	-	0.0	-	-	-	-	-	-
50.0	50.0	0.0	-	-	3.0	0.0	-	-	-	-	2.9	-
50.0	50.0	15.5	-	-	0.0	0.0	-	-	-	-	0.0	-
50.0	55.0	40.4	-	-	0.0	0.0	-	-	-	-	0.0	-

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	60.0	39.2	-	-	8.8	-	0.0	-	-	-	3.2	-
50.0	65.0	85.7	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	70.0	195.2	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	80.0	62.0	-	-	5.9	-	0.0	-	-	-	0.0	-
50.0	90.0	67.6	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	120.0	-	-	-	3.2	-	-	-	-	-	0.0	-
53.0	60.0	-	59.4	-	-	-	0.0	-	-	-	-	-
53.0	65.0	-	60.8	-	-	-	0.0	-	-	-	-	-
53.0	70.0	-	116.8	-	-	-	0.0	-	-	-	-	-
53.0	80.0	-	265.9	-	-	11.5	11.5	-	-	-	-	-
57.0	55.0	-	157.6	-	-	0.0	0.0	-	-	-	-	-
57.0	60.0	-	15.7	-	-	0.0	0.0	-	-	-	-	-
57.0	70.0	-	117.8	-	-	0.0	0.0	-	-	-	-	-
57.0	80.0	-	76.1	-	-	12.3	12.3	-	-	-	-	-
60.0	55.0	-	0.0	-	-	0.0	0.0	-	-	-	-	-
60.0	60.0	101.1	85.9	0.0	-	0.0	0.0	-	-	-	4.9	-
60.0	65.0	23.3	91.4	3.9	-	0.0	0.0	-	-	-	6.4	-
60.0	70.0	46.6	169.1	4.1	-	13.0	13.0	-	-	-	0.0	-
60.0	80.0	-	255.4	3.2	-	12.7	12.7	-	-	-	0.0	-
60.0	90.0	-	99.3	23.1	-	0.0	0.0	-	-	-	0.0	-
63.0	52.0	3.7	0.0	13.6	-	0.0	0.0	-	-	-	2.8	-
63.0	55.0	31.0	6.6	-	-	0.0	0.0	-	-	-	-	-
63.0	60.0	16.3	96.7	-	-	0.0	0.0	-	-	-	-	-
63.0	65.0	129.9	17.1	-	-	0.0	0.0	-	-	-	-	-
63.0	70.0	9.5	76.2	-	-	0.0	0.0	-	-	-	-	-
63.0	80.0	-	41.5	-	-	0.0	0.0	-	-	-	-	-
63.0	90.0	-	18.7	-	-	0.0	0.0	-	-	-	-	-
67.0	48.0	18.5	0.0	-	-	0.0	0.0	-	-	-	-	-
67.0	50.0	134.5	13.5	-	-	0.0	0.0	-	-	-	-	-
67.0	55.0	22.9	160.8	-	-	0.0	0.0	-	-	-	-	-
67.0	60.0	122.2	201.3	-	-	0.0	0.0	-	-	-	-	-
67.0	65.0	36.7	78.4	-	-	0.0	0.0	-	-	-	-	-
67.0	70.0	55.6	60.8	-	-	0.0	0.0	-	-	-	-	-
67.0	80.0	-	44.7	-	-	0.0	0.0	-	-	-	-	-
67.0	90.0	-	118.2	-	-	0.0	0.0	-	-	-	-	-
70.0	51.0	14.9	-	12.5	-	0.0	0.0	-	-	-	0.0	-
70.0	53.0	23.7	61.3	9.2	-	0.0	0.0	-	-	-	8.1	-
70.0	55.0	-	-	-	-	0.0	0.0	-	-	-	-	-
70.0	60.0	94.5	84.2	3.2	-	0.0	0.0	-	-	-	11.5	-
70.0	65.0	-	235.3	72.8	-	0.0	0.0	-	-	-	13.7	-
70.0	70.0	101.0	121.5	390.1	-	0.0	0.0	-	-	-	0.0	-
70.0	80.0	56.2	41.6	58.2	-	0.0	0.0	-	-	-	2.8	-
70.0	90.0	47.9	46.5	77.9	-	2.7	2.7	-	-	-	0.0	-
73.0	50.0	-	17.3	36.6	-	0.0	0.0	-	-	-	-	-
73.0	53.0	34.2	29.7	84.2	-	0.0	0.0	-	-	-	-	-
73.0	60.0	161.9	104.4	391.1	-	27.0	27.0	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus ochotensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	65.0	73.1	33.6	-	-	-	-	-	-	-	-	-
73.0	70.0	91.1	84.9	-	-	-	-	-	-	-	-	-
73.0	80.0	6.0	143.9	-	-	-	-	-	-	-	-	-
73.0	90.0	64.6	101.9	-	-	-	-	-	-	-	-	-
77.0	48.0	3.5	12.4	-	-	-	0.0	-	-	-	-	-
77.0	51.0	27.4	41.3	-	-	-	0.0	-	-	-	-	-
77.0	55.0	103.8	45.8	-	-	-	11.6	-	-	-	-	-
77.0	60.0	49.2	88.2	-	-	-	0.0	-	-	-	-	-
77.0	65.0	85.6	120.6	-	-	-	0.0	-	-	-	-	-
77.0	70.0	63.6	211.9	-	-	-	0.0	-	-	-	-	-
77.0	80.0	71.8	64.1	-	-	-	-	-	-	-	-	-
77.0	90.0	-	50.5	-	-	-	-	-	-	-	-	-
80.0	51.0	15.7	0.0	3.5	-	-	0.0	-	-	0.0	-	-
80.0	52.0	103.8	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	6.7	0.0	3.3	-	-	0.0	-	-	-	0.0	-
80.0	60.0	0.0	19.0	0.0	-	-	0.0	-	-	-	3.1	-
80.0	70.0	346.5	64.7	39.8	-	-	0.0	-	-	-	0.0	-
80.0	80.0	37.2	158.3	12.7	-	-	0.0	-	-	-	0.0	-
80.0	90.0	21.2	33.7	56.6	-	-	0.0	-	-	-	0.0	-
82.0	47.0	4.8	0.0	-	-	-	0.0	-	-	-	-	-
83.0	40.0	1.7	0.0	-	-	-	0.0	-	-	-	-	-
83.0	51.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
83.0	55.0	10.3	78.2	-	-	-	0.0	-	-	-	-	-
83.0	60.0	0.0	10.4	11.6	-	-	0.0	-	-	-	-	-
83.0	70.0	22.7	6.9	81.4	-	-	0.0	-	-	-	-	-
83.0	80.0	3.7	21.8	77.2	-	-	0.0	-	-	-	-	-
83.0	90.0	17.1	18.9	121.4	-	-	0.0	-	-	-	-	-
87.0	35.0	0.0	6.0	-	-	-	0.0	-	-	-	-	-
87.0	40.0	7.1	0.0	-	-	-	0.0	-	-	-	-	-
87.0	45.0	36.6	0.0	0.0	-	-	0.0	-	-	-	-	-
87.0	50.0	16.2	4.0	3.2	-	-	-	-	-	-	-	-
87.0	55.0	16.5	48.2	0.0	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	5.4	13.2	-	-	0.0	-	-	-	-	-
87.0	70.0	-	0.0	6.5	-	-	0.0	-	-	-	-	-
87.0	80.0	3.5	10.3	3.1	-	-	0.0	-	-	-	-	-
87.0	90.0	-	3.1	6.2	-	-	0.0	-	-	-	-	-
90.0	28.0	17.8	42.7	0.0	-	-	0.0	-	0.0	-	-	-
90.0	32.0	0.0	36.5	3.2	-	-	0.0	-	0.0	-	-	-
90.0	37.0	3.5	25.7	3.2	-	-	0.0	-	0.0	-	-	-
90.0	45.0	22.3	38.3	3.2	-	-	0.0	-	0.0	-	-	-
90.0	53.0	9.9	3.5	6.2	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	12.6	5.8	-	-	0.0	-	0.0	-	-	-
90.0	70.0	6.5	17.1	9.7	-	-	3.5	-	0.0	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	90.0	0.0	0.0	9.5	-	-	0.0	-	0.0	-	-	-
93.0	27.0	4.6	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

		<i>Bathylagus ochotensis</i> (cont.)											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	
93.0	28.0	7.8	34.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	30.0	16.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	35.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	40.0	8.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	45.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	50.0	-	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	55.0	-	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	60.0	21.0	34.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	70.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	80.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
93.0	90.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	29.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	32.0	4.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	40.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	50.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	55.0	13.3	8.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	60.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	70.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	80.0	0.0	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
97.0	90.0	0.0	2.7	38.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100.0	30.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100.0	35.0	13.7	3.2	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100.0	40.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100.0	50.0	2.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100.0	60.0	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100.0	70.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100.0	80.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
100.0	90.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
103.0	30.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
103.0	35.0	13.7	3.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
103.0	40.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
103.0	50.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
103.0	60.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
103.0	70.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
107.0	32.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
107.0	35.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
107.0	40.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
107.0	50.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
107.0	70.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
110.0	35.0	-	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
110.0	36.0	3.3	-	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
110.0	40.0	3.3	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
110.0	45.0	0.0	3.2	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
110.0	50.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
117.0	35.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
117.0	40.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

TABLE 4. (cont.)

<i>Bathylagus ochotensis</i> (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	60.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
<i>Bathylagus pacificus</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	10.2	-	-	3.5	-	-	-	-	0.0	-	-
40.0	50.0	14.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	13.6	-	-	3.3	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	7.0	-	-	-	-	0.0	-	-
43.0	65.0	11.7	-	-	-	0.0	0.0	-	-	-	-	-
47.0	50.0	53.8	-	-	-	0.0	0.0	-	-	-	-	-
47.0	60.0	126.3	-	-	-	0.0	0.0	-	-	-	-	-
50.0	55.0	13.5	-	-	0.0	0.0	0.0	-	-	-	0.0	-
50.0	60.0	26.2	-	-	0.0	0.0	0.0	-	-	-	0.0	-
53.0	55.0	-	13.3	-	-	-	0.0	-	-	-	-	-
53.0	70.0	-	14.6	-	-	-	0.0	-	-	-	-	-
57.0	55.0	-	48.5	-	-	-	0.0	-	-	-	-	-
60.0	55.0	0.0	6.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	60.0	3.4	9.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	18.6	15.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	3.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	3.1	0.0	-	-	0.0	-	-	-	0.0	-
63.0	55.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	3.3	1.5	-	-	-	0.0	-	-	-	-	-
63.0	65.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	6.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	0.0	6.7	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	5.5	-	-	-	0.0	-	-	-	-	-
67.0	60.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
67.0	65.0	0.0	8.7	-	-	-	0.0	-	-	-	-	-
67.0	70.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	1.6	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	1.5	-	-	-	0.0	-	-	-	-	-
70.0	51.0	3.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	2.9	9.8	3.1	-	-	0.0	-	-	-	0.0	-
70.0	60.0	3.7	11.1	3.2	-	-	0.0	-	-	-	0.0	-
70.0	65.0	6.8	27.7	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	7.8	27.2	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	0.0	6.6	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	10.9	-	-	-	0.0	-	-	-	-	-
73.0	60.0	0.0	18.4	-	-	-	0.0	-	-	-	-	-
73.0	65.0	7.0	8.4	-	-	-	0.0	-	-	-	-	-
73.0	70.0	0.0	20.0	-	-	-	0.0	-	-	-	-	-
73.0	70.0	0.0	12.4	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	1.6	-	-	-	-	-	-	-	-	-
77.0	55.0	3.4	1.5	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

<i>Bathylagus pacificus</i> (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	60.0	6.8	0.0	3.5	-	-	0.0	-	-	-	-	-
77.0	65.0	6.3	1.6	1.6	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	1.7	0.0	-	-	-	-	-	-	-	-
77.0	90.0	3.5	0.0	0.0	-	-	-	-	-	-	-	-
80.0	60.0	3.8	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	70.0	15.1	9.5	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	6.6	6.8	4.2	-	-	0.0	-	-	-	0.0	-
80.0	90.0	3.5	6.1	0.0	-	-	0.0	-	-	-	0.0	-
82.0	47.0	14.3	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	40.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	43.0	5.1	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	51.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	70.0	9.1	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	80.0	0.0	7.3	5.9	-	-	0.0	-	-	-	-	-
83.0	90.0	0.0	0.0	11.8	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	0.0	6.1	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
90.0	45.0	0.0	6.3	0.0	-	-	0.0	-	-	-	0.0	-
90.0	90.0	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
93.0	35.0	0.0	3.0	0.0	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	0.0	3.9	-	-	0.0	-	-	-	-	-

<i>Bathylagus wesethi</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	120.0	-	-	-	0.0	-	-	-	-	-	3.0	-
60.0	90.0	-	0.0	0.0	-	-	0.0	-	-	-	2.8	-
63.0	90.0	-	0.0	0.0	-	-	13.8	-	-	-	-	-
70.0	60.0	3.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	3.7	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	70.0	3.4	0.0	0.0	-	-	-	-	-	-	-	-
77.0	65.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
77.0	80.0	5.5	0.0	0.0	-	-	-	-	-	-	-	-
80.0	90.0	0.0	0.0	0.0	-	-	30.4	-	-	-	6.2	-
83.0	60.0	0.0	0.0	0.0	-	-	12.9	-	-	-	-	-
83.0	70.0	0.0	0.0	0.0	-	-	28.2	-	-	-	-	-
83.0	75.0	0.0	0.0	0.0	-	-	8.6	-	-	-	-	-
83.0	80.0	-	0.0	0.0	-	-	12.2	-	-	-	-	-
83.0	90.0	0.0	0.0	0.0	-	-	20.0	-	-	-	-	-
87.0	60.0	0.0	13.2	0.0	-	-	0.0	-	-	-	-	-
87.0	70.0	-	90.4	0.0	-	-	17.7	-	-	-	-	-
87.0	80.0	0.0	21.5	0.0	-	-	16.4	-	-	-	-	-
87.0	90.0	-	18.5	0.0	-	-	8.8	-	-	-	-	-
90.0	28.0	0.0	3.5	0.0	-	-	0.0	-	-	-	0.0	-
90.0	53.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.1	-

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	60.0	0.0	0.0	0.0	-	-	7.7	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	123.9	-	0.0	-	-	-
90.0	80.0	0.0	0.0	3.0	-	-	129.6	-	16.8	-	-	-
90.0	90.0	0.0	47.3	0.0	-	-	6.5	-	22.3	-	-	-
90.0	100.0	-	-	0.0	-	-	-	-	23.4	-	-	-
90.0	120.0	-	-	84.2	-	-	-	-	22.5	-	-	-
90.0	140.0	-	-	57.6	-	-	-	-	12.9	-	-	-
93.0	60.0	0.0	6.2	-	-	-	13.9	-	-	-	-	-
93.0	70.0	0.0	8.9	-	-	-	57.0	-	-	-	-	-
93.0	80.0	0.0	42.3	-	-	-	64.2	-	-	-	-	-
93.0	90.0	0.0	40.3	-	-	-	13.6	-	-	-	-	-
93.0	100.0	0.0	-	-	-	-	14.3	-	-	-	-	-
93.0	120.0	0.0	-	-	-	-	31.7	-	-	-	-	-
97.0	50.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
97.0	55.0	0.0	0.0	-	-	-	53.4	-	-	-	-	-
97.0	60.0	0.0	28.1	-	-	-	12.2	-	-	-	-	-
97.0	70.0	0.0	0.0	-	-	-	6.0	-	-	-	-	-
97.0	80.0	0.0	5.5	-	-	-	29.0	-	-	-	-	-
97.0	90.0	0.0	208.5	-	-	-	21.7	-	-	-	-	-
100.0	35.0	0.0	0.0	0.0	0.0	-	21.6	-	0.0	0.0	-	-
100.0	50.0	0.0	0.0	18.3	-	-	0.0	-	0.0	0.0	-	-
100.0	60.0	0.0	72.0	136.4	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	12.8	0.0	-	-	69.2	-	17.9	6.2	-	-
100.0	80.0	0.0	6.1	26.6	-	-	96.3	-	39.6	20.0	-	-
100.0	90.0	0.0	87.9	44.8	-	-	-	-	3.0	5.7	-	-
100.0	100.0	0.0	-	30.4	-	-	-	-	-	-	-	-
100.0	120.0	-	-	6.2	-	-	-	-	-	-	-	-
100.0	140.0	-	-	5.9	-	-	-	-	-	-	-	-
103.0	45.0	0.0	0.0	-	-	-	21.5	-	-	-	-	-
103.0	50.0	0.0	0.0	-	-	-	23.0	-	-	-	-	-
103.0	60.0	0.0	11.8	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	48.2	-	-	-	68.2	-	-	-	-	-
103.0	80.0	0.0	41.9	-	-	-	265.9	-	-	-	-	-
107.0	32.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	13.4	-	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	16.1	-	-	-	34.6	-	-	-	-	-
107.0	70.0	0.0	13.2	-	-	-	132.3	-	-	-	-	-
107.0	80.0	0.0	6.1	-	-	-	66.2	-	-	-	-	-
110.0	35.0	0.0	0.0	0.0	0.0	-	0.0	-	3.0	0.0	-	-
110.0	40.0	0.0	0.0	116.8	-	-	0.0	-	0.0	0.0	-	-
110.0	45.0	0.0	3.2	16.8	-	-	0.0	-	0.0	0.0	-	-
110.0	50.0	0.0	6.2	0.0	-	-	0.0	-	0.0	0.0	-	-
110.0	55.0	0.0	0.0	0.0	-	-	5.6	-	19.1	27.5	-	-
110.0	60.0	0.0	0.0	6.7	-	-	45.8	-	5.9	25.2	-	-
110.0	70.0	0.0	15.3	0.0	-	-	-	-	-	-	-	-
110.0	80.0	0.0	6.5	25.0	-	-	25.6	-	-	-	-	-

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	45.0	0.0	0.0	-	-	-	21.1	-	-	-	-	-
113.0	50.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-
113.0	60.0	0.0	0.0	-	-	-	33.1	-	-	-	-	-
113.0	70.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
113.0	80.0	0.0	9.6	-	-	-	48.6	-	-	-	-	-
117.0	60.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
117.0	70.0	0.0	0.0	-	-	-	13.8	-	-	-	-	-
117.0	80.0	0.0	0.0	-	-	-	84.8	-	-	-	-	-
120.0	45.0	0.0	0.0	0.0	0.0	-	0.0	6.0	-	-	-	-
120.0	60.0	0.0	0.0	0.0	0.0	-	0.0	6.1	-	-	-	-
120.0	70.0	0.0	2.8	2.9	5.7	-	8.6	3.0	-	-	-	-
120.0	80.0	0.0	0.0	0.0	0.0	-	14.7	48.5	-	-	-	-
123.0	60.0	0.0	0.0	-	-	-	11.2	-	-	-	-	-
127.0	50.0	0.0	0.0	-	0.0	-	5.8	2.7	-	-	-	-
130.0	90.0	-	-	-	-	-	-	-	-	-	-	-
147.0	35.0	3.1	-	-	-	-	-	-	-	-	-	-
147.0	40.0	3.4	-	-	-	-	-	-	-	-	-	-
147.0	45.0	3.3	-	-	-	-	-	-	-	-	-	-
147.0	50.0	3.1	-	-	-	-	-	-	-	-	-	-
150.0	19.0	0.0	-	-	-	3.5	-	-	-	0.0	-	-
150.0	25.0	0.0	-	-	-	10.4	-	-	-	0.0	-	-
150.0	30.0	3.4	-	-	-	3.4	-	-	-	0.0	-	-
150.0	40.0	13.6	-	-	-	0.0	-	-	-	0.0	-	-
150.0	45.0	43.4	-	-	-	0.0	-	-	-	0.0	-	-
150.0	50.0	19.3	-	-	-	0.0	-	-	-	0.0	-	-
150.0	55.0	6.9	-	-	-	0.0	-	-	-	0.0	-	-
150.0	60.0	3.2	-	-	-	0.0	-	-	-	0.0	-	-
153.0	25.0	10.5	-	-	-	-	-	-	-	-	-	-
153.0	30.0	10.4	-	-	-	-	-	-	-	-	-	-
153.0	45.0	19.0	-	-	-	-	-	-	-	-	-	-
157.0	10.0	35.1	-	-	-	0.0	-	-	-	12.0	-	-
157.0	15.0	28.6	-	-	-	3.0	-	-	-	12.2	-	-
157.0	20.0	3.2	-	-	-	6.4	-	-	-	18.5	-	-
157.0	30.0	6.2	-	-	-	0.0	-	-	-	3.2	-	-
157.0	35.0	6.4	-	-	-	0.0	-	-	-	0.0	-	-
157.0	45.0	3.2	-	-	-	26.6	-	-	-	0.0	-	-
157.0	50.0	15.1	-	-	-	12.8	-	-	-	0.0	-	-
157.0	55.0	6.0	-	-	-	0.0	-	-	-	3.0	-	-
157.0	60.0	0.0	-	-	-	12.1	-	-	-	0.0	-	-

Leuroglossus stilbius

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	60.0	-	14.8	-	-	-	0.0	-	-	-	-	-
53.0	65.0	-	30.4	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	70.0	-	14.6	-	-	-	0.0	-	-	-	-	-
57.0	55.0	-	24.2	-	-	-	0.0	-	-	-	-	-
57.0	70.0	-	44.2	-	-	-	0.0	-	-	-	-	-
60.0	60.0	47.2	12.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	9.3	13.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	3.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
63.0	52.0	3.7	0.0	-	-	-	0.0	-	-	-	-	-
63.0	55.0	13.8	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	19.8	41.7	-	-	-	0.0	-	-	-	-	-
63.0	65.0	20.0	0.0	-	-	-	0.0	-	-	-	-	-
67.0	48.0	2.1	0.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	36.1	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	2.9	12.9	-	-	-	0.0	-	-	-	-	-
67.0	60.0	8.7	52.4	-	-	-	0.0	-	-	-	-	-
67.0	65.0	12.2	18.9	-	-	-	0.0	-	-	-	-	-
67.0	70.0	0.0	10.2	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	3.1	-	-	-	0.0	-	-	-	-	-
70.0	51.0	0.0	-	4.2	-	-	0.0	-	-	-	0.0	-
70.0	53.0	23.4	29.6	3.1	-	-	0.0	-	-	-	5.4	-
70.0	60.0	234.2	121.0	0.0	-	-	0.0	-	-	-	8.6	-
70.0	65.0	238.7	152.8	2.9	-	-	12.2	-	-	-	5.5	-
70.0	70.0	7.8	23.9	5.2	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	8.4	7.8	-	-	0.0	-	-	-	0.0	-
70.0	90.0	3.5	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	3.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	2.5	0.0	-	-	-	0.0	-	-	-	-	-
73.0	53.0	63.1	108.1	-	-	-	0.0	-	-	-	-	-
73.0	60.0	107.4	99.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	73.1	55.0	-	-	-	0.0	-	-	-	-	-
73.0	70.0	4.1	137.4	-	-	-	-	-	-	-	-	-
73.0	80.0	3.0	19.7	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	1.5	-	-	-	-	-	-	-	-	-
77.0	48.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
77.0	51.0	68.6	101.6	-	-	-	0.0	-	-	-	-	-
77.0	55.0	74.7	51.5	-	-	-	0.0	-	-	-	-	-
77.0	60.0	39.4	95.7	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	93.3	-	-	-	0.0	-	-	-	-	-
77.0	70.0	68.1	280.5	-	-	-	0.0	-	-	-	-	-
77.0	80.0	3.8	8.6	-	-	-	-	-	-	-	-	-
77.0	90.0	-	0.0	-	-	-	-	-	-	0.0	-	-
80.0	51.0	3.1	5.2	3.5	-	-	0.0	-	-	0.0	-	-
80.0	52.0	346.0	3.3	24.7	-	-	0.0	-	-	0.0	-	-
80.0	55.0	23.5	91.5	29.8	-	-	0.0	-	-	-	5.6	-
80.0	60.0	7.3	173.8	7.2	-	-	0.0	-	-	-	0.0	-
80.0	70.0	47.3	191.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	3.4	71.1	0.0	-	-	0.0	-	-	-	0.0	-
80.0	90.0	20.5	27.5	3.3	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	98.2	85.7	186.4	-	-	0.0	-	-	-	-	-
83.0	40.0	783.9	5.1	4.8	-	-	0.0	-	-	-	-	-
83.0	43.0	783.9	108.2	-	-	-	0.0	-	-	-	-	-
83.0	51.0	54.1	141.4	318.6	-	-	0.0	-	-	-	-	-
83.0	55.0	1745.8	339.0	216.1	-	-	0.0	-	-	-	-	-
83.0	60.0	17.5	201.3	5.8	-	-	0.0	-	-	-	-	-
83.0	70.0	511.9	3.4	31.3	-	-	0.0	-	-	-	-	-
83.0	80.0	11.1	32.8	29.7	-	-	0.0	-	-	-	-	-
83.0	90.0	20.5	18.9	20.7	-	-	0.0	-	-	-	-	-
87.0	33.0	0.0	0.0	36.5	-	-	0.0	-	-	-	-	-
87.0	35.0	-	29.0	282.9	-	-	10.8	-	-	-	-	-
87.0	40.0	162.8	22.2	-	-	-	0.0	-	-	-	-	-
87.0	45.0	1451.8	2.8	473.8	-	-	0.0	-	-	-	-	-
87.0	50.0	199.8	29.0	38.2	-	-	0.0	-	-	-	-	-
87.0	55.0	94.8	231.1	105.1	-	-	0.0	-	-	-	-	-
87.0	60.0	23.0	13.4	0.0	-	-	0.0	-	-	-	-	-
87.0	70.0	-	0.0	3.2	-	-	0.0	-	-	-	-	-
90.0	28.0	71.0	202.9	35.2	-	-	0.0	-	-	-	-	-
90.0	32.0	41.3	175.2	105.6	-	-	0.0	-	-	-	-	-
90.0	37.0	94.0	466.1	607.2	-	-	0.0	-	-	-	-	-
90.0	45.0	985.7	1085.8	358.2	-	-	0.0	-	-	-	-	-
90.0	53.0	188.5	91.0	375.1	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	88.5	23.2	-	-	3.8	-	-	-	-	-
90.0	70.0	0.0	13.7	3.2	-	-	0.0	-	-	-	-	-
90.0	80.0	0.0	4.6	18.1	-	-	0.0	-	-	-	-	-
90.0	100.0	-	-	-	-	-	0.0	-	-	-	-	-
93.0	27.0	0.0	13.7	0.0	-	-	0.0	-	-	-	-	-
93.0	28.0	13.0	159.6	21.8	-	-	11.7	-	-	-	-	-
93.0	30.0	37.4	106.0	25.0	-	-	0.0	-	-	-	-	-
93.0	35.0	281.3	181.8	63.4	-	-	0.0	-	-	-	-	-
93.0	40.0	33.8	37.7	44.1	-	-	0.0	-	-	-	-	-
93.0	45.0	216.3	108.8	46.2	-	-	0.0	-	-	-	-	-
93.0	50.0	-	0.0	9.6	-	-	0.0	-	-	-	-	-
93.0	55.0	-	35.5	13.3	-	-	0.0	-	-	-	-	-
93.0	60.0	50.0	34.5	15.5	-	-	2.8	-	-	-	-	-
93.0	70.0	0.0	21.7	41.6	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	13.5	84.6	-	-	0.0	-	-	-	-	-
97.0	32.0	73.8	108.4	0.0	-	-	0.0	-	-	-	-	-
97.0	35.0	2.3	108.0	15.5	-	-	0.0	-	-	-	-	-
97.0	40.0	12.1	23.5	33.3	-	-	0.0	-	-	-	-	-
97.0	45.0	3.1	50.2	31.8	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	0.0	20.2	-	-	0.0	-	-	-	-	-
97.0	55.0	16.6	32.3	0.0	-	-	0.0	-	-	-	-	-
97.0	60.0	3.9	0.0	5.6	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	10.8	16.3	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	80.7	35.9	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	90.0	24.4	9.9	-	-	-	0.0	-	-	-	-	-
100.0	29.0	0.0	25.5	-	29.3	-	0.0	-	-	0.0	-	-
100.0	30.0	66.8	95.2	-	49.2	-	0.0	-	-	0.0	-	-
100.0	35.0	17.1	88.9	-	12.5	-	0.0	-	-	0.0	-	-
100.0	40.0	11.4	264.9	-	108.6	-	13.1	-	-	0.0	-	-
100.0	50.0	0.0	9.2	-	0.0	-	0.0	-	-	0.0	-	-
100.0	60.0	3.4	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	3.0	-	3.0	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
103.0	29.0	0.0	1.6	-	0.0	-	-	-	-	-	-	-
103.0	30.0	0.0	4.0	-	-	-	-	-	-	-	-	-
103.0	35.0	114.1	40.5	-	-	-	-	-	-	-	-	-
103.0	40.0	82.9	20.5	-	-	-	0.0	-	-	-	-	-
103.0	45.0	22.0	46.8	-	-	-	0.0	-	-	-	-	-
103.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	55.0	12.2	0.0	-	-	-	-	-	-	-	-	-
103.0	60.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
107.0	31.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	13.1	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	111.4	19.2	-	-	-	0.0	-	-	-	-	-
107.0	40.0	104.2	125.1	-	-	-	0.0	-	-	-	-	-
110.0	32.0	71.1	163.7	-	-	-	0.0	-	-	0.0	-	-
110.0	35.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	36.0	19.9	26.5	-	75.0	-	0.0	-	-	0.0	-	-
110.0	40.0	13.1	0.0	-	-	-	0.0	-	-	0.0	-	-
110.0	45.0	84.2	0.0	-	30.5	-	0.0	-	-	0.0	-	-
110.0	50.0	16.1	3.2	-	10.1	-	12.0	-	-	0.0	-	-
110.0	55.0	9.9	3.1	-	0.0	-	12.1	-	-	0.0	-	-
110.0	70.0	0.0	3.6	-	0.0	-	0.0	-	-	0.0	-	-
113.0	30.0	0.0	3.1	-	0.0	-	0.0	-	-	0.0	-	-
113.0	35.0	2.8	0.0	-	0.0	-	0.0	-	-	-	-	-
113.0	40.0	2.9	29.9	-	-	-	0.0	-	-	-	-	-
113.0	45.0	0.0	15.9	-	-	-	0.0	-	-	-	-	-
113.0	50.0	0.0	36.2	-	-	-	0.0	-	-	-	-	-
113.0	60.0	3.3	16.3	-	-	-	0.0	-	-	-	-	-
113.0	70.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
117.0	35.0	0.0	8.6	-	-	-	0.0	-	-	-	-	-
117.0	40.0	80.6	28.1	-	-	-	0.0	-	-	-	-	-
117.0	45.0	0.0	16.6	-	-	-	0.0	-	-	-	-	-
117.0	50.0	20.2	12.5	-	-	-	11.3	-	-	-	-	-
117.0	60.0	0.0	9.3	-	-	-	12.0	-	-	-	-	-
117.0	70.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
118.0	39.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
119.0	33.0	22.0	12.1	-	-	-	12.6	-	-	-	-	-
120.0	24.0	0.0	3.0	-	0.0	-	0.0	-	-	0.0	-	-
120.0	24.0	2.5	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	40.0	0.0	0.0	-	5.2	-	0.0	-	-	0.0	-	-
120.0	45.0	0.0	13.1	-	2.6	-	36.1	-	-	0.0	-	-
120.0	50.0	0.0	3.2	-	0.0	-	0.0	-	-	0.0	-	-
120.0	60.0	0.0	0.0	-	3.1	-	0.0	-	-	0.0	-	-
123.0	36.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
123.0	42.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
123.0	45.0	0.0	15.5	-	-	-	0.0	-	-	-	-	-
123.0	50.0	0.0	115.2	-	-	-	0.0	-	-	-	-	-
127.0	34.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
127.0	40.0	13.6	0.0	-	-	-	0.0	-	-	-	-	-
127.0	45.0	24.0	16.7	-	-	-	0.0	-	-	-	-	-
127.0	50.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
127.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
130.0	30.0	0.0	0.0	-	2.7	-	0.0	-	-	0.0	-	-
130.0	35.0	12.2	42.4	-	18.6	-	0.0	-	-	0.0	-	-
130.0	40.0	6.2	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	12.4	-	0.0	-	0.0	-	-	0.0	-	-
133.0	30.0	3.2	42.4	-	0.0	-	0.0	-	-	-	-	-
133.0	35.0	6.7	44.7	-	-	-	0.0	-	-	-	-	-
133.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-

Bathylchnops exilis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	90.0	-	1.5	-	-	-	0.0	-	-	-	-	-

Dolichopteryx longipes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	90.0	0.0	0.0	3.3	-	-	0.0	-	-	-	-	-

Osmeridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	-	-	-	3.1	-	-	-	-	0.0	-	-
60.0	50.0	-	0.0	26.5	-	-	0.0	-	-	-	0.0	-
60.0	52.0	-	0.0	0.0	-	-	0.0	-	-	-	0.0	-
67.0	48.0	-	0.0	3.0	-	-	0.0	-	-	-	-	-
67.0	50.0	0.0	0.0	1.7	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Stomiiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	90.0	-	-	-	-	-	2.9	-	-	-	-	-
90.0	120.0	-	-	6.5	-	-	-	-	0.0	-	-	-
100.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	3.7	-	-
100.0	90.0	0.0	0.0	-	6.4	-	0.0	-	-	0.0	-	-
140.0	80.0	-	-	-	-	3.0	-	-	-	-	0.0	-
150.0	50.0	3.2	-	-	-	0.0	-	-	-	-	0.0	-
150.0	100.0	-	-	-	-	6.2	-	-	-	-	0.0	-
153.0	35.0	6.5	-	-	-	-	-	-	-	-	-	-

Gonostomatidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	100.0	-	-	0.0	-	-	-	-	-	-	3.2	-
90.0	90.0	0.0	0.0	6.9	-	-	0.0	-	0.0	-	-	-
97.0	90.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
100.0	80.0	3.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
107.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
130.0	70.0	-	-	-	5.6	-	-	-	-	0.0	-	-
153.0	20.0	3.5	-	-	-	-	-	-	-	-	-	-

Cyclothone spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	65.0	0.0	-	-	0.0	-	-	-	-	7.2	-	-
40.0	120.0	-	-	-	-	-	-	-	-	-	3.4	-
40.0	180.0	-	-	-	-	-	-	-	-	-	8.8	-
47.0	55.0	0.0	-	-	-	-	13.3	-	-	-	-	-
50.0	80.0	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
50.0	100.0	-	-	-	0.0	-	-	-	-	-	3.1	-
60.0	100.0	-	-	11.7	-	-	-	-	-	-	0.0	-
63.0	80.0	-	6.0	-	-	-	23.5	-	-	-	-	-
63.0	90.0	-	1.6	-	-	-	20.6	-	-	-	-	-
70.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.6	-
70.0	80.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	90.0	0.0	6.9	-	-	-	-	-	-	-	-	-
77.0	60.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
80.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.0	-
80.0	90.0	3.5	0.0	3.3	-	-	0.0	-	-	-	-	-
83.0	60.0	0.0	0.0	-	-	-	11.4	-	-	-	-	-
83.0	70.0	0.0	0.0	-	-	-	12.9	-	-	-	-	-
83.0	70.0	0.0	6.3	-	-	-	15.4	-	-	-	-	-
83.0	75.0	-	-	-	-	-	5.7	-	-	-	-	-
83.0	80.0	0.0	0.0	-	-	-	12.2	-	-	-	-	-
83.0	90.0	0.0	0.0	-	-	-	5.7	-	-	-	-	-
87.0	55.0	4.1	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	0.0	6.5	-	-	-	0.0	-	-	-	-	-
87.0	80.0	2.6	6.1	-	-	-	0.0	-	-	-	-	-
87.0	90.0	0.0	6.2	-	-	-	32.2	-	-	-	-	-
90.0	70.0	0.0	3.2	0.0	-	-	0.0	0.0	0.0	-	-	-
90.0	80.0	2.9	3.0	0.0	-	-	0.0	23.4	0.0	-	-	-
90.0	90.0	2.5	18.9	0.0	-	-	0.0	15.9	0.0	-	-	-
90.0	100.0	-	-	0.0	-	-	-	8.8	0.0	-	-	-
90.0	120.0	-	-	71.3	-	-	-	44.9	0.0	-	-	-
90.0	140.0	-	-	0.0	-	-	-	16.1	0.0	-	-	-
93.0	60.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
93.0	100.0	0.0	-	-	-	-	14.3	-	-	-	-	-
93.0	120.0	0.0	-	-	-	-	2.9	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	5.3	-	-	-	-	-
97.0	90.0	0.0	23.2	-	-	-	0.0	-	-	-	-	-
100.0	60.0	13.4	9.4	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	3.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	3.0	-	0.0	-	93.3	-	-	0.0	-	-
100.0	90.0	6.4	8.8	-	9.6	-	77.0	-	-	33.5	-	-
100.0	100.0	-	-	-	0.0	-	-	-	-	51.5	-	-
100.0	120.0	-	-	-	61.6	-	-	-	-	27.0	-	-
100.0	140.0	-	-	-	11.8	-	-	-	-	25.8	-	-
103.0	60.0	0.0	8.9	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	32.1	-	-	-	0.0	-	-	-	-	-
103.0	80.0	3.0	3.2	-	-	-	46.2	-	-	-	-	-
107.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	70.0	5.7	9.9	-	-	-	24.3	-	-	-	-	-
107.0	80.0	8.9	3.0	-	-	-	14.4	-	-	-	-	-
110.0	40.0	0.0	0.0	-	2.5	-	0.0	-	-	3.2	-	-
110.0	45.0	0.0	3.2	-	0.0	-	0.0	-	-	6.4	-	-
110.0	50.0	0.0	3.1	-	0.0	-	0.0	-	-	9.9	-	-
110.0	55.0	0.0	0.0	-	0.0	-	0.0	-	-	16.0	-	-
110.0	60.0	0.0	0.0	-	0.0	-	5.6	-	-	12.2	-	-
110.0	70.0	9.2	3.1	-	0.0	-	11.4	-	-	11.8	-	-
110.0	80.0	3.1	3.2	-	0.0	-	0.0	-	-	0.0	-	-
113.0	45.0	5.8	0.0	-	-	-	7.9	-	-	-	-	-
113.0	60.0	0.0	0.0	-	-	-	28.0	-	-	-	-	-
113.0	70.0	0.0	0.0	-	-	-	32.6	-	-	-	-	-
113.0	80.0	13.9	3.2	-	-	-	13.5	-	-	-	-	-
117.0	40.0	0.0	0.0	-	-	-	12.2	-	-	-	-	-
117.0	45.0	0.0	0.0	-	-	-	11.3	-	-	-	-	-
117.0	70.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-
117.0	80.0	9.4	0.0	-	-	-	18.2	-	-	-	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	6.0	-	-
120.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	15.2	-	-

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	60.0	0.0	0.0	-	0.0	-	0.0	-	-	9.2	-	-
120.0	70.0	0.0	0.0	-	0.0	-	2.9	-	-	5.9	-	-
120.0	80.0	0.0	0.0	-	5.7	-	17.6	-	-	30.3	-	-
123.0	42.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
123.0	60.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
130.0	80.0	-	-	-	0.0	-	-	-	-	3.0	-	-
130.0	90.0	-	-	-	5.9	-	-	-	-	18.6	-	-
140.0	100.0	-	-	-	3.1	-	-	-	-	-	-	-
140.0	120.0	-	-	-	17.8	-	-	-	-	-	-	-
150.0	30.0	-	-	-	-	0.0	-	-	-	-	6.0	-
150.0	45.0	0.0	-	-	-	0.0	-	-	-	-	22.8	-
150.0	70.0	0.0	-	-	-	0.0	-	-	-	-	6.0	-
150.0	80.0	-	-	-	-	2.9	-	-	-	-	3.1	-
150.0	90.0	-	-	-	-	6.1	-	-	-	-	3.1	-
150.0	110.0	-	-	-	-	11.2	-	-	-	-	0.0	-

Danaphos oculatus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	0.0	-	-	3.5	-	-	-	-	0.0	-	-
40.0	120.0	-	-	-	-	-	-	-	-	-	10.1	-
40.0	180.0	-	-	-	-	-	-	-	-	-	8.8	-
50.0	60.0	0.0	-	-	0.0	-	0.0	-	-	-	3.2	-
50.0	65.0	0.0	-	-	0.0	-	0.0	-	-	-	6.3	-
50.0	100.0	-	-	-	0.0	-	-	-	-	-	12.3	-
50.0	120.0	-	-	-	0.0	-	-	-	-	-	3.0	-
60.0	70.0	0.0	13.0	0.0	-	-	0.0	-	-	-	3.3	-
63.0	70.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	3.1	-	-	-	0.0	-	-	-	-	-
67.0	50.0	0.0	1.7	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	1.5	-	-	-	6.2	-	-	-	-	-
70.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	3.3	0.0	-	-	0.0	-	-	-	0.0	-
77.0	65.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
80.0	60.0	0.0	0.0	3.6	-	-	0.0	-	-	-	0.0	-
80.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
83.0	60.0	0.0	2.9	-	-	-	0.0	-	-	-	0.0	-
83.0	75.0	-	-	-	-	-	2.9	-	-	-	-	-
83.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
90.0	70.0	3.4	0.0	9.1	-	-	0.0	-	0.0	-	-	-
90.0	90.0	0.0	6.3	0.0	-	-	0.0	-	0.0	-	-	-
93.0	140.0	-	-	3.2	-	-	-	-	3.2	-	-	-
93.0	35.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	45.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Danaphos oculatus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	60.0	0.0	3.1	-	-	-	5.6	-	-	-	-	-
93.0	120.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-
97.0	35.0	5.8	0.0	-	-	-	0.0	-	-	-	-	-
97.0	45.0	3.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	90.0	5.4	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	60.0	3.3	3.1	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	6.4	-	10.0	-	0.0	-	-	3.1	-	-
100.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	50.0	0.0	0.0	-	-	-	11.5	-	-	-	-	-
107.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	60.0	5.4	0.0	-	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
107.0	80.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
113.0	70.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	80.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-

Diplophos taenia

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	80.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
140.0	35.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
140.0	45.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
140.0	50.0	3.5	-	-	-	0.0	-	-	-	-	34.4	-
140.0	55.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0	70.0	-	-	-	3.0	-	-	-	-	-	0.0	-
143.0	60.0	7.2	-	-	-	-	-	-	-	-	-	-
147.0	55.0	3.3	-	-	-	-	-	-	-	-	-	-
147.0	60.0	0.0	-	-	-	0.0	-	-	-	-	9.3	-
150.0	25.0	0.0	-	-	-	0.0	-	-	-	-	12.0	-
150.0	30.0	0.0	-	-	-	0.0	-	-	-	-	12.1	-
150.0	35.0	0.0	-	-	-	0.0	-	-	-	-	9.1	-
150.0	40.0	0.0	-	-	-	0.0	-	-	-	-	12.3	-
150.0	45.0	10.0	-	-	-	0.0	-	-	-	-	12.3	-
150.0	50.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
150.0	60.0	0.0	-	-	-	0.0	-	-	-	-	17.5	-
150.0	100.0	-	-	-	-	0.0	-	-	-	-	3.1	-
150.0	110.0	-	-	-	-	0.0	-	-	-	-	-	-
153.0	30.0	3.5	-	-	-	-	-	-	-	-	-	-
153.0	35.0	25.8	-	-	-	-	-	-	-	-	-	-
153.0	40.0	6.7	-	-	-	-	-	-	-	-	-	-
153.0	45.0	12.6	-	-	-	-	-	-	-	-	-	-
153.0	55.0	3.1	-	-	-	-	-	-	-	-	-	-
157.0	10.0	3.2	-	-	-	0.0	-	-	-	-	14.9	-

TABLE 4. (cont.)

Diplophos taenia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	15.0	3.2	-	-	-	0.0	-	-	-	-	6.1	-
157.0	20.0	0.0	-	-	0.0	-	-	-	-	-	3.1	-
157.0	25.0	3.2	-	-	0.0	-	-	-	-	-	20.7	-
157.0	30.0	6.2	-	-	0.0	-	-	-	-	-	50.4	-
157.0	35.0	19.1	-	-	0.0	-	-	-	-	-	22.8	-
157.0	40.0	6.2	-	-	0.0	-	-	-	-	-	12.5	-
157.0	45.0	9.5	-	-	0.0	-	-	-	-	-	23.0	-
157.0	50.0	30.3	-	-	0.0	-	-	-	-	-	37.0	-
157.0	55.0	18.0	-	-	0.0	-	-	-	-	-	6.0	-
157.0	60.0	3.1	-	-	0.0	-	-	-	-	-	3.0	-

Ichthyococcus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	35.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
107.0	80.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	55.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
110.0	80.0	0.0	3.2	-	0.0	-	0.0	-	-	0.0	-	-
113.0	80.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
120.0	70.0	0.0	0.0	-	2.9	-	0.0	-	-	0.0	-	-
120.0	80.0	0.0	0.0	-	2.8	-	0.0	-	-	0.0	-	-

Valenciennellus stellatus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	70.0	0.0	1.6	-	-	-	-	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	3.5	-	3.0	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	0.0	-	3.3	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	0.0	-	3.2	-	-	-
97.0	90.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	90.0	0.0	0.0	-	3.2	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-

Vinciguerria lucetia

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	14.8	-
80.0	80.0	0.0	0.0	0.0	-	-	0.0	-	-	-	5.8	-
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	30.9	-
83.0	70.0	0.0	0.0	-	-	-	20.5	-	-	-	-	-
87.0	70.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
87.0	90.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	0.0	-	133.6	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	100.0	-	-	0.0	-	-	-	-	35.0	-	-	-
90.0	120.0	-	-	3.2	-	-	-	-	93.1	-	-	-
93.0	27.0	4.2	0.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
93.0	120.0	0.0	0.0	-	-	-	8.6	-	-	-	-	-
97.0	60.0	7.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
97.0	90.0	0.0	9.9	-	-	-	2.7	-	-	-	-	-
100.0	60.0	0.0	6.3	-	0.0	-	0.0	-	0.0	0.0	-	-
100.0	80.0	3.0	0.0	-	0.0	-	57.2	-	6.2	6.2	-	-
100.0	90.0	12.7	0.0	-	0.0	-	321.8	-	118.9	118.9	-	-
100.0	100.0	-	-	-	0.0	-	-	-	540.5	540.5	-	-
100.0	120.0	-	-	-	33.9	-	-	-	24.0	24.0	-	-
100.0	140.0	-	-	-	0.0	-	-	-	80.4	80.4	-	-
103.0	45.0	0.0	0.0	-	-	-	21.5	-	-	-	-	-
103.0	50.0	0.0	0.0	-	-	-	23.0	-	-	-	-	-
103.0	55.0	2.8	0.0	-	-	-	-	-	-	-	-	-
103.0	60.0	0.0	8.9	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	3.2	-	-	-	25.6	-	-	-	-	-
103.0	80.0	0.0	5.4	-	-	-	167.6	-	-	-	-	-
107.0	60.0	0.0	5.9	-	-	-	11.5	-	-	-	-	-
107.0	70.0	2.9	0.0	-	-	-	124.2	-	-	-	-	-
107.0	80.0	2.8	5.7	-	-	-	115.2	-	-	-	-	-
110.0	40.0	0.0	0.0	-	5.1	-	0.0	-	0.0	0.0	-	-
110.0	45.0	0.0	0.0	-	6.7	-	0.0	-	19.1	19.1	-	-
110.0	50.0	0.0	0.0	-	0.0	-	0.0	-	49.6	49.6	-	-
110.0	55.0	0.0	0.0	-	0.0	-	0.0	-	149.9	149.9	-	-
110.0	60.0	6.2	3.3	-	0.0	-	0.0	-	15.3	15.3	-	-
110.0	70.0	0.0	0.0	-	3.0	-	14.1	-	11.8	11.8	-	-
110.0	80.0	0.0	18.8	-	9.4	-	74.4	-	25.2	25.2	-	-
113.0	40.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
113.0	45.0	0.0	0.0	-	-	-	10.6	-	-	-	-	-
113.0	50.0	0.0	5.8	-	-	-	11.0	-	-	-	-	-
113.0	60.0	0.0	0.0	-	-	-	28.0	-	-	-	-	-
113.0	70.0	6.3	0.0	-	-	-	50.3	-	-	-	-	-
113.0	80.0	3.0	41.7	-	-	-	54.0	-	-	-	-	-
117.0	70.0	3.3	0.0	-	-	-	16.6	-	-	-	-	-
117.0	80.0	47.0	2.7	-	-	-	115.1	-	-	-	-	-
120.0	35.0	0.0	0.0	-	0.0	-	0.0	-	2.7	2.7	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	9.7	9.7	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	77.7	77.7	-	-
120.0	50.0	0.0	0.0	-	0.0	-	0.0	-	88.2	88.2	-	-
120.0	60.0	9.4	0.0	-	0.0	-	0.0	-	0.0	0.0	-	-
120.0	70.0	9.3	9.5	-	11.7	-	11.4	-	8.9	8.9	-	-
120.0	80.0	0.0	0.0	-	8.5	-	252.0	-	260.6	260.6	-	-
123.0	60.0	3.3	0.0	-	-	-	84.3	-	-	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	45.0	3.0	3.1	0.0	-	-	0.0	-	-	-	-	-
127.0	50.0	12.7	3.5	0.0	-	-	2.9	-	-	-	-	-
127.0	60.0	0.0	3.3	0.0	-	-	0.0	-	-	-	-	-
130.0	35.0	0.0	0.0	3.3	0.0	-	0.0	-	-	0.0	-	-
130.0	40.0	0.0	0.0	0.0	0.0	-	0.0	-	-	23.4	-	-
130.0	50.0	3.0	0.0	0.0	3.0	-	12.2	-	-	45.9	-	-
130.0	60.0	22.8	3.3	14.7	3.0	-	0.0	-	-	51.7	-	-
130.0	70.0	-	-	-	25.4	-	-	-	-	100.8	-	-
130.0	80.0	-	-	-	153.9	-	-	-	-	143.0	-	-
130.0	90.0	-	-	-	550.8	-	-	-	-	50.4	-	-
133.0	30.0	16.1	6.2	9.1	-	-	0.0	-	-	-	-	-
133.0	35.0	103.8	3.2	181.8	-	-	0.0	-	-	-	-	-
133.0	40.0	33.9	246.5	9.5	-	-	0.0	-	-	-	-	-
133.0	50.0	6.5	91.8	0.0	-	-	8.8	-	-	-	-	-
133.0	60.0	3.2	6.2	39.4	-	-	0.0	-	-	-	-	-
137.0	30.0	0.0	9.9	0.0	-	-	0.0	-	-	-	-	-
137.0	35.0	88.8	31.0	0.0	-	-	0.0	-	-	-	-	-
137.0	40.0	130.4	78.5	25.6	-	-	0.0	-	-	-	-	-
137.0	50.0	208.5	0.0	27.1	-	-	0.0	-	-	-	-	-
137.0	60.0	103.0	20.1	101.1	-	-	0.0	-	-	-	-	-
140.0	30.0	-	3.2	-	-	-	2.5	-	-	-	26.3	-
140.0	35.0	-	32.0	-	-	-	0.0	-	-	-	217.5	-
140.0	40.0	-	10.1	-	-	-	64.4	-	-	-	102.2	-
140.0	45.0	-	109.4	-	-	-	268.8	-	-	-	56.0	-
140.0	50.0	-	376.3	-	-	-	113.4	-	-	-	41.0	-
140.0	55.0	-	128.0	-	-	-	59.9	-	-	-	48.8	-
140.0	60.0	-	24.8	-	-	-	12.5	-	-	-	115.6	-
140.0	70.0	-	-	-	-	-	16.7	-	-	-	233.6	-
140.0	80.0	-	-	-	238.0	-	143.3	-	-	-	0.0	-
140.0	90.0	-	-	-	83.2	-	-	-	-	-	15.1	-
140.0	100.0	-	-	-	1426.7	-	-	-	-	-	470.2	-
140.0	120.0	-	-	-	-	-	-	-	-	-	-	-
143.0	30.0	-	29.7	-	-	-	-	-	-	-	-	-
143.0	35.0	-	84.8	-	-	-	-	-	-	-	-	-
143.0	40.0	-	289.8	-	-	-	-	-	-	-	-	-
143.0	45.0	-	145.0	-	-	-	-	-	-	-	-	-
143.0	50.0	-	48.9	-	-	-	-	-	-	-	-	-
143.0	55.0	-	46.6	-	-	-	-	-	-	-	-	-
143.0	60.0	-	25.2	-	-	-	-	-	-	-	-	-
147.0	20.0	-	9.1	-	-	-	-	-	-	-	-	-
147.0	25.0	-	3.1	-	-	-	-	-	-	-	-	-
147.0	30.0	-	197.6	-	-	-	-	-	-	-	-	-
147.0	35.0	-	511.8	-	-	-	-	-	-	-	-	-
147.0	40.0	-	307.8	-	-	-	-	-	-	-	-	-
147.0	45.0	-	227.0	-	-	-	-	-	-	-	-	-
147.0	50.0	-	40.0	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

<i>Vinciguerria lucetia</i> (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	55.0	130.8	-	-	-	-	-	-	-	-	-	-
147.0	60.0	68.3	-	-	-	-	-	-	-	-	-	-
150.0	19.0	23.7	-	-	-	0.0	-	-	-	-	188.2	-
150.0	25.0	0.0	-	-	-	1287.4	-	-	-	-	497.5	-
150.0	30.0	117.6	-	-	-	1145.8	-	-	-	-	927.1	-
150.0	35.0	140.6	-	-	-	89.4	-	-	-	-	766.6	-
150.0	40.0	283.0	-	-	-	30.0	-	-	-	-	845.6	-
150.0	45.0	360.7	-	-	-	298.5	-	-	-	-	635.5	-
150.0	50.0	724.5	-	-	-	145.8	-	-	-	-	61.6	-
150.0	55.0	703.8	-	-	-	174.4	-	-	-	-	77.8	-
150.0	60.0	319.8	-	-	-	16.4	-	-	-	-	55.3	-
150.0	70.0	-	-	-	-	41.1	-	-	-	-	74.4	-
150.0	80.0	-	-	-	-	111.9	-	-	-	-	153.5	-
150.0	90.0	-	-	-	-	346.6	-	-	-	-	68.9	-
150.0	100.0	-	-	-	-	509.8	-	-	-	-	552.9	-
150.0	110.0	-	-	-	-	1190.0	-	-	-	-	150.7	-
153.0	16.0	11.2	-	-	-	-	-	-	-	-	-	-
153.0	20.0	98.8	-	-	-	-	-	-	-	-	-	-
153.0	25.0	83.8	-	-	-	-	-	-	-	-	-	-
153.0	30.0	194.3	-	-	-	-	-	-	-	-	-	-
153.0	35.0	113.1	-	-	-	-	-	-	-	-	-	-
153.0	40.0	93.2	-	-	-	-	-	-	-	-	-	-
153.0	45.0	549.8	-	-	-	-	-	-	-	-	-	-
153.0	50.0	204.7	-	-	-	-	-	-	-	-	-	-
153.0	55.0	184.1	-	-	-	-	-	-	-	-	-	-
153.0	60.0	226.5	-	-	-	-	-	-	-	-	-	-
157.0	10.0	657.1	-	-	-	143.1	-	-	-	-	188.4	-
157.0	15.0	130.4	-	-	-	12.1	-	-	-	-	100.7	-
157.0	20.0	64.2	-	-	-	130.4	-	-	-	-	117.4	-
157.0	25.0	204.8	-	-	-	40.6	-	-	-	-	103.6	-
157.0	30.0	480.5	-	-	-	20.8	-	-	-	-	179.6	-
157.0	35.0	564.6	-	-	-	0.0	-	-	-	-	276.3	-
157.0	40.0	543.8	-	-	-	41.0	-	-	-	-	62.4	-
157.0	45.0	1127.7	-	-	-	476.2	-	-	-	-	213.1	-
157.0	50.0	139.4	-	-	-	1287.2	-	-	-	-	107.8	-
157.0	55.0	132.0	-	-	-	86.4	-	-	-	-	81.3	-
157.0	60.0	97.9	-	-	-	280.9	-	-	-	-	33.5	-
<i>Vinciguerria poweriae</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	140.0	-	-	0.0	-	-	-	-	3.2	-	-	-

TABLE 4. (cont.)

Sternoptychidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	65.0	18.0	-	-	0.0	-	-	-	-	0.0	-	-
43.0	65.0	23.4	-	-	-	-	0.0	-	-	-	-	-
47.0	50.0	10.8	-	-	-	-	0.0	-	-	-	-	-
47.0	80.0	15.0	-	-	-	-	0.0	-	-	-	9.5	-
50.0	65.0	0.0	-	-	0.0	-	0.0	-	-	-	3.2	-
50.0	70.0	0.0	-	-	0.0	-	0.0	-	-	-	9.2	-
50.0	100.0	-	-	-	0.0	-	-	-	-	-	-	-
53.0	90.0	-	-	-	-	-	3.1	-	-	-	0.0	-
60.0	70.0	0.0	8.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	20.4	0.0	-	-	0.0	-	-	-	0.0	-
63.0	55.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	7.1	-	-	-	0.0	-	-	-	-	-
63.0	70.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	7.2	-	-	-	0.0	-	-	-	-	-
70.0	53.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	19.2	0.0	-	-	0.0	-	-	-	2.6	-
70.0	80.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	60.0	3.5	0.0	-	-	-	0.0	-	-	-	0.0	-
73.0	65.0	6.1	0.0	-	-	-	0.0	-	-	-	-	-
73.0	70.0	6.4	0.0	-	-	-	0.0	-	-	-	-	-
73.0	80.0	0.0	1.6	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
77.0	55.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
77.0	65.0	4.2	0.0	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	3.5	-	-	-	0.0	-	-	-	-	-
77.0	80.0	3.8	6.5	-	-	-	0.0	-	-	-	-	-
80.0	52.0	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	7.4	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	60.0	5.3	0.0	0.0	-	-	26.3	-	-	-	0.0	-
80.0	70.0	0.0	3.2	0.0	-	-	0.0	-	-	-	3.1	-
80.0	80.0	6.6	0.0	0.0	-	-	0.0	-	-	-	5.9	-
80.0	90.0	3.5	0.0	0.0	-	-	0.0	-	-	-	0.0	-
83.0	60.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
83.0	70.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
83.0	90.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
87.0	40.0	3.5	-	-	-	-	0.0	-	-	-	-	-
87.0	60.0	3.8	3.3	-	-	-	0.0	-	-	-	-	-
87.0	70.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
87.0	90.0	-	6.2	-	-	-	0.0	-	-	-	-	-
90.0	32.0	0.0	3.2	0.0	-	-	0.0	-	0.0	-	-	-
90.0	37.0	7.3	3.2	3.2	-	-	0.0	-	0.0	-	-	-
90.0	45.0	3.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	0.0	0.0	-	-	0.0	-	3.1	-	-	-
90.0	70.0	0.0	6.9	0.0	-	-	0.0	-	0.0	-	-	-
90.0	80.0	9.1	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	90.0	2.5	0.0	3.4	-	-	0.0	-	3.3	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-

TABLE 4. (cont.)

STATION	Sternoptychidae (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	100.0	-	-	-	-	-	-	-	-	-	-	-
90.0	120.0	-	-	-	-	-	-	-	0.0	-	-	-
90.0	140.0	-	6.3	-	-	-	-	16.1	-	-	-	-
93.0	28.0	3.1	9.7	-	-	-	0.0	3.2	-	-	-	-
93.0	30.0	3.0	0.0	-	-	-	11.8	-	-	-	-	-
93.0	35.0	0.0	-	-	-	-	0.0	-	-	-	-	-
93.0	40.0	3.1	-	-	-	-	0.0	-	-	-	-	-
93.0	45.0	3.1	-	-	-	-	0.0	-	-	-	-	-
93.0	55.0	3.2	-	-	-	-	0.0	-	-	-	-	-
93.0	60.0	3.1	-	-	-	-	0.0	-	-	-	-	-
93.0	70.0	2.7	-	-	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	-	-	-	-	0.0	-	-	-	-	-
93.0	120.0	6.6	-	-	-	-	0.0	-	-	-	-	-
97.0	32.0	5.4	-	-	-	-	0.0	-	-	-	-	-
97.0	45.0	0.0	-	-	-	-	0.0	-	-	-	-	-
97.0	55.0	3.9	-	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	-	-	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	-	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	-	-	-	-	3.0	-	-	-	-	-
97.0	90.0	0.0	-	-	-	-	0.0	-	-	-	-	-
97.0	100.0	2.7	-	-	-	-	0.0	-	-	-	-	-
100.0	29.0	0.0	-	-	-	-	0.0	-	-	-	-	-
100.0	30.0	2.8	-	-	-	-	0.0	-	3.0	-	-	-
100.0	35.0	3.0	-	-	-	-	0.0	-	8.5	-	-	-
100.0	40.0	10.3	-	-	-	-	0.0	-	3.0	-	-	-
100.0	50.0	0.0	-	-	-	-	0.0	-	6.7	-	-	-
100.0	60.0	3.1	-	-	-	-	0.0	-	0.0	-	-	-
100.0	70.0	0.0	-	-	-	-	0.0	-	0.0	-	-	-
100.0	80.0	0.0	-	-	-	-	0.0	-	17.9	-	-	-
100.0	90.0	3.2	-	-	-	-	0.0	-	3.1	-	-	-
100.0	100.0	0.0	-	-	-	-	9.6	-	3.0	-	-	-
100.0	120.0	-	-	-	-	-	0.0	-	5.7	-	-	-
100.0	140.0	-	-	-	-	-	9.1	-	2.0	-	-	-
103.0	35.0	-	-	-	-	-	0.0	-	3.0	-	-	-
103.0	40.0	3.2	-	-	-	-	0.0	-	2.9	-	-	-
103.0	50.0	0.0	-	-	-	-	0.0	-	-	-	-	-
103.0	55.0	0.0	-	-	-	-	0.0	-	-	-	-	-
103.0	60.0	5.5	-	-	-	-	0.0	-	-	-	-	-
103.0	70.0	2.9	-	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	-	-	-	-	0.0	-	-	-	-	-
107.0	40.0	0.0	-	-	-	-	0.0	-	-	-	-	-
107.0	70.0	10.6	-	-	-	-	0.0	-	-	-	-	-
107.0	80.0	0.0	-	-	-	-	6.6	-	-	-	-	-
110.0	35.0	0.0	-	-	-	-	3.0	-	0.0	-	-	-
110.0	36.0	9.9	-	-	-	-	0.0	-	0.0	-	-	-
110.0	40.0	-	-	-	-	-	0.0	-	0.0	-	-	-
110.0	45.0	3.3	-	-	-	-	0.0	-	0.0	-	-	-
110.0	50.0	0.0	-	-	-	-	3.2	-	3.2	-	-	-
110.0	55.0	3.0	-	-	-	-	0.0	-	0.0	-	-	-
110.0	60.0	3.2	-	-	-	-	0.0	-	3.4	-	-	-
110.0	70.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	80.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	90.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	100.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	110.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	120.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	130.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	140.0	6.4	-	-	-	-	0.0	-	-	-	-	-
110.0	150.0	9.6	-	-	-	-	0.0	-	-	-	-	-
110.0	160.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	170.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	180.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	190.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	200.0	3.2	-	-	-	-	0.0	-	-	-	-	-
110.0	210.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	220.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	230.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	240.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	250.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	260.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	270.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	280.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	290.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	300.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	310.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	320.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	330.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	340.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	350.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	360.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	370.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	380.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	390.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	400.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	410.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	420.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	430.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	440.0	0.0	-	-	-	-	0.0	-	-	-	-	-
110.0	450.0	0.0	-	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	70.0	-	-	-	-	3.2	-	-	-	-	0.0	-
150.0	80.0	-	-	-	-	8.6	-	-	-	-	3.1	-
150.0	90.0	-	-	-	-	12.2	-	-	-	-	6.3	-
150.0	110.0	-	-	-	-	2.8	-	-	-	-	0.0	-
153.0	60.0	3.0	-	-	-	-	-	-	-	-	-	-

Chauliodus macouni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	0.0	-	-	0.0	-	-	-	-	3.8	-	-
40.0	45.0	18.1	-	-	0.0	-	-	-	-	0.0	-	-
40.0	50.0	14.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	27.1	-	-	0.0	-	-	-	-	4.8	-	-
40.0	65.0	0.0	-	-	3.7	-	-	-	-	3.6	-	-
40.0	80.0	-	-	-	17.4	-	-	-	-	3.0	-	-
43.0	45.0	12.8	-	-	-	0.0	0.0	-	-	-	-	-
43.0	60.0	12.2	-	-	-	0.0	0.0	-	-	-	-	-
43.0	65.0	23.4	-	-	-	0.0	0.0	-	-	-	-	-
43.0	70.0	66.4	-	-	-	0.0	0.0	-	-	-	-	-
47.0	50.0	21.5	-	-	-	0.0	0.0	-	-	-	-	-
47.0	65.0	22.1	-	-	-	0.0	0.0	-	-	-	-	-
50.0	60.0	13.1	-	-	0.0	0.0	0.0	-	-	-	-	-
50.0	65.0	0.0	-	-	0.0	0.0	0.0	-	-	-	6.4	-
50.0	70.0	0.0	-	-	0.0	0.0	0.0	-	-	-	3.2	-
50.0	80.0	0.0	-	-	0.0	0.0	12.1	-	-	-	9.7	-
50.0	90.0	12.4	-	-	0.0	0.0	0.0	-	-	-	2.9	-
50.0	100.0	0.0	-	-	0.0	0.0	3.1	-	-	-	0.0	-
53.0	70.0	-	14.6	-	0.0	-	0.0	-	-	-	9.2	-
53.0	90.0	-	0.0	-	-	-	3.1	-	-	-	-	-
57.0	60.0	-	63.4	-	-	-	14.5	-	-	-	-	-
57.0	80.0	-	-	-	-	-	0.0	-	-	-	-	-
57.0	90.0	-	-	-	-	-	2.9	-	-	-	-	-
60.0	60.0	0.0	1.8	0.0	-	-	0.0	-	-	-	3.2	-
60.0	65.0	0.0	0.0	0.0	-	-	0.0	-	-	-	5.9	-
60.0	70.0	0.0	1.7	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	0.0	2.6	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	1.5	0.0	-	-	0.0	-	-	-	2.8	-
60.0	120.0	-	-	0.0	-	-	0.0	-	-	3.1	-	-
63.0	65.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
63.0	70.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	3.2	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	3.1	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	1.8	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	1.9	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	1.6	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

		<i>Chaulioidus macouni</i> (cont.)											
STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	90.0	-	-	16.7	-	-	-	6.2	-	-	-	-	-
70.0	51.0	0.0	3.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	0.0	0.0	3.3	0.0	-	-	0.0	-	-	-	0.0	-
70.0	60.0	3.2	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	-	10.2	1.5	0.0	-	-	0.0	-	-	-	2.7	-
70.0	70.0	3.7	7.8	6.4	0.0	-	-	12.7	-	-	-	7.8	-
70.0	80.0	3.5	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
73.0	60.0	3.5	0.0	0.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	0.0	1.5	-	-	-	-	-	-	-	-	-
73.0	70.0	13.6	8.3	7.0	-	-	-	-	-	-	-	-	-
73.0	80.0	11.6	0.0	1.6	-	-	-	-	-	-	-	-	-
73.0	90.0	7.4	3.2	15.4	-	-	-	-	-	-	-	-	-
77.0	55.0	0.0	4.2	1.5	-	-	-	0.0	-	-	-	-	-
77.0	60.0	0.0	0.0	5.2	-	-	-	0.0	-	-	-	-	-
77.0	80.0	5.5	3.8	0.0	-	-	-	-	-	-	-	-	-
77.0	90.0	3.5	-	0.0	-	-	-	-	-	-	-	-	-
80.0	52.0	0.0	10.4	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	60.0	0.0	0.0	0.0	0.0	-	-	26.3	-	-	0.0	0.0	-
80.0	70.0	0.0	0.0	3.1	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	0.0	0.0	3.2	12.7	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	8.2	3.1	10.0	-	-	3.8	-	-	-	0.0	-
83.0	60.0	7.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	4.5	3.4	0.0	-	-	-	0.0	-	-	-	-	-
83.0	80.0	7.4	0.0	5.9	-	-	-	0.0	-	-	-	-	-
83.0	90.0	3.4	3.2	3.0	-	-	-	0.0	-	-	-	-	-
87.0	55.0	12.4	3.2	0.0	-	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	2.9	6.5	-	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
87.0	90.0	-	0.0	6.2	-	-	-	0.0	-	-	-	-	-
90.0	32.0	0.0	0.0	0.0	3.1	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	0.0	0.0	6.0	-	-	0.0	-	0.0	-	-	-
90.0	70.0	0.0	0.0	3.2	9.1	-	-	0.0	-	0.0	-	-	-
90.0	80.0	0.0	4.6	0.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	30.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	70.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	80.0	0.0	0.0	0.0	-	-	-	3.4	-	-	-	-	-
93.0	90.0	0.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	-	2.9	-	-	-	-	-
93.0	120.0	-	0.0	-	-	-	-	0.0	-	-	-	-	-
97.0	32.0	0.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	40.0	0.0	3.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	55.0	3.3	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
100.0	50.0	2.7	0.0	0.0	-	7.3	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Chaulioidus macouni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	70.0	0.0	0.0	-	3.0	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
103.0	60.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
120.0	60.0	3.1	0.0	-	0.0	-	0.0	-	-	0.0	-	-

Idiacanthus antrostomus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	100.0	-	-	-	0.0	-	-	-	-	-	3.1	-
63.0	90.0	-	0.0	-	-	-	27.5	-	-	-	-	-
80.0	80.0	0.0	0.0	0.0	-	-	3.2	-	-	-	0.0	-
83.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	-	-	-	10.2	-	-	-	-	-
83.0	80.0	0.0	0.0	-	-	-	15.3	-	-	-	-	-
87.0	90.0	0.0	0.0	-	-	-	14.7	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	3.5	-	0.0	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	0.0	-	3.2	-	-	-
90.0	120.0	-	-	0.0	-	-	0.0	-	12.8	-	-	-
90.0	140.0	-	-	0.0	-	-	0.0	-	3.2	-	-	-
93.0	100.0	-	-	-	-	-	2.9	-	-	-	-	-
93.0	120.0	-	-	-	-	-	2.6	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
97.0	90.0	3.0	0.0	-	-	-	0.0	-	0.0	-	-	-
100.0	60.0	6.2	0.0	-	0.0	-	0.0	-	0.0	-	-	-
100.0	60.0	3.4	0.0	-	0.0	-	0.0	-	0.0	-	-	-
103.0	60.0	3.2	0.0	-	0.0	-	0.0	-	-	-	-	-
103.0	70.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
107.0	60.0	5.9	0.0	-	-	-	0.0	-	-	-	-	-
110.0	50.0	0.0	3.3	-	0.0	-	0.0	-	-	0.0	-	-
117.0	60.0	10.2	0.0	-	-	-	0.0	-	-	-	-	-
150.0	45.0	-	3.3	-	-	0.0	-	-	-	-	0.0	-

Aristostomias scintillans

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	90.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	120.0	-	-	6.5	-	-	-	-	0.0	-	-	-
100.0	90.0	0.0	0.0	-	3.2	-	0.0	-	-	0.0	-	-
100.0	100.0	-	-	-	3.0	-	-	-	-	0.0	-	-
100.0	140.0	-	-	-	3.0	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Bathophilus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	80.0	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
150.0	45.0	6.7	-	-	0.0	-	-	-	-	-	0.0	-
150.0	110.0	-	-	-	2.8	-	-	-	-	-	0.0	-
153.0	30.0	6.9	-	-	-	-	-	-	-	-	-	-
153.0	45.0	3.2	-	-	-	-	-	-	-	-	-	-
157.0	10.0	0.0	-	-	0.0	-	-	-	-	-	12.0	-
157.0	15.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-
157.0	20.0	0.0	-	-	0.0	-	-	-	-	-	15.4	-
157.0	25.0	0.0	-	-	0.0	-	-	-	-	-	8.9	-
157.0	50.0	0.0	-	-	0.0	-	-	-	-	-	3.1	-
157.0	55.0	0.0	-	-	0.0	-	-	-	-	-	3.0	-

Eustomias spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	140.0	-	-	0.0	-	-	-	-	3.2	-	-	-

Tactostoma macropus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	80.0	-	-	-	0.0	-	-	-	-	3.0	-	-
43.0	60.0	0.0	-	-	-	-	12.7	-	-	-	-	-
50.0	80.0	0.0	-	-	0.0	-	9.4	-	-	-	0.0	-
57.0	90.0	-	-	-	-	-	2.9	-	-	-	-	-
83.0	90.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-

Stomias atriventer

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	90.0	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
53.0	80.0	-	0.0	-	-	-	11.5	-	-	-	-	-
57.0	70.0	-	0.0	-	-	-	13.0	-	-	-	-	-
60.0	90.0	-	0.0	0.0	-	-	3.0	-	-	-	0.0	-
73.0	65.0	3.2	1.5	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
83.0	55.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
87.0	60.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-
87.0	70.0	0.0	12.9	-	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	2.9	0.0	-	-	0.0	-	-	-	-	-
90.0	90.0	0.0	6.3	0.0	-	-	0.0	-	0.0	-	-	-
90.0	140.0	-	0.0	0.0	-	-	0.0	-	3.2	-	-	-
93.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	70.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	6.7	-	-	-	0.0	-	-	-	-	-
93.0	110.0	3.0	-	-	-	-	-	-	-	-	-	-
97.0	35.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
100.0	35.0	0.0	3.4	0.0	-	-	0.0	-	-	0.0	-	-
100.0	50.0	0.0	3.0	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	0.0	3.1	0.0	-	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	8.8	0.0	-	-	0.0	-	-	0.0	-	-
100.0	100.0	-	-	0.0	-	-	-	-	-	2.9	-	-
103.0	40.0	3.2	0.0	-	-	-	-	-	-	-	-	-
103.0	60.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	12.8	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	12.9	-	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
107.0	80.0	26.6	0.0	-	-	-	0.0	-	-	-	-	-
110.0	40.0	3.2	0.0	0.0	-	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	12.8	-	-	-	0.0	-	-	3.2	-	-
110.0	50.0	0.0	71.3	-	-	-	0.0	-	-	0.0	-	-
110.0	60.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	9.2	-	-	-	2.9	-	-	3.1	-	-
110.0	80.0	0.0	3.2	-	-	-	2.8	-	-	0.0	-	-
113.0	45.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
113.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	70.0	0.0	2.9	-	-	-	3.0	-	-	-	-	-
117.0	50.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
117.0	60.0	0.0	6.4	-	-	-	0.0	-	-	-	-	-
117.0	70.0	0.0	3.4	-	-	-	5.5	-	-	-	-	-
117.0	80.0	2.7	6.1	-	-	-	6.1	-	-	-	-	-
120.0	45.0	0.0	0.0	-	-	-	0.0	-	-	3.0	-	-
120.0	60.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
120.0	70.0	0.0	5.6	-	-	-	0.0	-	-	5.9	-	-
120.0	80.0	0.0	6.7	-	-	-	2.9	-	-	9.1	-	-
123.0	60.0	0.0	0.0	-	-	-	14.1	-	-	-	-	-
127.0	40.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
127.0	50.0	3.5	6.3	-	-	-	0.0	-	-	0.0	-	-
130.0	40.0	19.3	0.0	-	-	-	5.4	-	-	0.0	-	-
130.0	50.0	9.9	3.1	-	-	-	0.0	-	-	0.0	-	-
130.0	70.0	-	-	-	-	-	-	-	-	2.9	-	-
130.0	80.0	-	-	-	-	-	-	-	-	3.0	-	-
130.0	90.0	-	-	-	-	-	-	-	-	5.3	-	-
133.0	35.0	3.2	3.2	-	-	-	0.0	-	-	-	-	-
133.0	40.0	3.2	3.2	-	-	-	0.0	-	-	-	-	-
133.0	50.0	0.0	0.0	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	45.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
140.0	55.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0	60.0	0.0	-	-	-	0.0	-	-	-	-	2.8	-
140.0	90.0	-	-	-	2.8	-	-	-	-	-	0.0	-
140.0	120.0	-	-	-	0.0	-	-	-	-	-	2.8	-
147.0	40.0	3.4	-	-	-	-	-	-	-	-	-	-
147.0	45.0	3.3	-	-	-	-	-	-	-	-	-	-
147.0	50.0	3.1	-	-	-	-	-	-	-	-	-	-
147.0	55.0	3.2	-	-	-	-	-	-	-	-	-	-
147.0	60.0	6.5	-	-	-	-	-	-	-	-	-	-
150.0	25.0	0.0	-	-	-	6.9	-	-	-	-	0.0	-
150.0	35.0	10.3	-	-	-	0.0	-	-	-	-	0.0	-
150.0	45.0	10.0	-	-	-	0.0	-	-	-	-	0.0	-
150.0	50.0	9.7	-	-	-	0.0	-	-	-	-	0.0	-
150.0	55.0	3.5	-	-	-	0.0	-	-	-	-	2.9	-
150.0	60.0	9.7	-	-	-	3.3	-	-	-	-	0.0	-
150.0	70.0	-	-	-	-	0.0	-	-	-	-	2.9	-
150.0	80.0	-	-	-	-	2.9	-	-	-	-	0.0	-
150.0	90.0	-	-	-	-	0.0	-	-	-	-	3.1	-
150.0	100.0	-	-	-	-	0.0	-	-	-	-	5.8	-
150.0	110.0	-	-	-	-	2.8	-	-	-	-	0.0	-
153.0	25.0	3.5	-	-	-	-	-	-	-	-	-	-
153.0	30.0	6.9	-	-	-	-	-	-	-	-	-	-
153.0	45.0	3.2	-	-	-	-	-	-	-	-	-	-
153.0	50.0	3.0	-	-	-	-	-	-	-	-	-	-
157.0	15.0	3.2	-	-	-	0.0	-	-	-	-	0.0	-
157.0	20.0	3.2	-	-	-	0.0	-	-	-	-	3.1	-
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	3.2	-
157.0	35.0	0.0	-	-	-	0.0	-	-	-	-	3.3	-
157.0	45.0	3.2	-	-	-	0.0	-	-	-	-	2.9	-
157.0	55.0	3.0	-	-	-	0.0	-	-	-	-	0.0	-
157.0	60.0	15.3	-	-	-	0.0	-	-	-	-	0.0	-

Myctophiiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	90.0	0.0	2.9	-	0.0	-	0.0	-	-	0.0	-	-
150.0	35.0	3.4	-	-	-	0.0	-	-	-	-	0.0	-

Evermannellidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	120.0	-	-	-	3.0	-	-	-	-	-	0.0	-

TABLE 4. (cont.)

Paralepididae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	100.0	-	-	2.9	-	-	-	-	-	0.0	0.0	-
60.0	120.0	-	-	3.8	-	-	-	-	-	0.0	-	-
87.0	90.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	3.3	-	-	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	3.2	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
110.0	60.0	3.3	0.0	0.0	-	-	0.0	-	-	0.0	-	-
143.0	40.0	3.2	-	-	-	-	-	-	-	-	-	-
150.0	19.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
150.0	25.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
150.0	30.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
150.0	35.0	0.0	-	-	-	0.0	-	-	-	-	6.1	-
150.0	40.0	0.0	-	-	-	0.0	-	-	-	-	39.3	-
150.0	45.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
150.0	50.0	0.0	-	-	-	0.0	-	-	-	-	6.2	-
153.0	30.0	6.9	-	-	-	-	-	-	-	-	-	-
153.0	45.0	3.2	-	-	-	-	-	-	-	-	-	-
153.0	50.0	3.0	-	-	-	-	-	-	-	-	-	-
157.0	10.0	3.2	-	-	-	0.0	-	-	-	-	17.9	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	-	27.8	-
157.0	25.0	0.0	-	-	-	0.0	-	-	-	-	8.9	-
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	6.3	-
157.0	35.0	9.6	-	-	-	0.0	-	-	-	-	16.3	-
157.0	45.0	6.3	-	-	-	0.0	-	-	-	-	14.4	-
157.0	50.0	0.0	-	-	-	3.2	-	-	-	-	9.2	-
157.0	55.0	9.0	-	-	-	0.0	-	-	-	-	0.0	-
157.0	60.0	0.0	-	-	-	3.0	-	-	-	-	0.0	-

Lestidiops ringens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	60.0	8.9	-	-	0.0	-	-	-	-	0.0	-	-
40.0	65.0	0.0	-	-	0.0	-	-	-	-	3.6	-	-
40.0	80.0	-	-	-	0.0	-	-	-	-	3.0	-	-
40.0	100.0	-	-	-	-	-	-	-	-	3.3	-	-
43.0	70.0	13.3	-	-	-	-	0.0	-	-	-	-	-
47.0	70.0	28.2	-	-	-	-	0.0	-	-	-	-	-
47.0	80.0	0.0	-	-	-	-	6.4	-	-	-	-	-
50.0	55.0	0.0	-	-	0.0	-	0.0	-	-	-	2.7	-
50.0	65.0	0.0	-	-	0.0	-	0.0	-	-	-	3.2	-
50.0	70.0	0.0	-	-	0.0	-	0.0	-	-	-	3.2	-
50.0	80.0	0.0	-	-	0.0	-	6.2	-	-	-	0.0	-
50.0	100.0	0.0	-	-	3.5	-	0.0	-	-	-	3.1	-
60.0	60.0	0.0	0.0	0.0	-	-	-	-	-	-	9.6	-

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	-	0.0	3.4	-	-	0.0	-	-	-	0.0	-
60.0	100.0	-	0.0	0.0	-	-	0.0	-	-	-	3.2	-
63.0	60.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	6.0	-	-	-	6.9	-	-	-	-	-
63.0	90.0	-	1.6	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	1.6	-	-	-	0.0	-	-	-	-	-
70.0	51.0	0.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.9	-
70.0	65.0	3.4	6.3	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	10.5	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	65.0	0.0	1.5	0.0	-	-	0.0	-	-	-	0.0	-
73.0	80.0	0.0	1.5	-	-	-	-	-	-	-	-	-
77.0	60.0	0.0	8.2	-	-	-	0.0	-	-	-	-	-
77.0	60.0	3.3	0.0	-	-	-	0.0	-	-	0.0	-	-
80.0	52.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
80.0	70.0	3.5	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	3.1	0.0	-	-	0.0	-	-	-	3.1	-
83.0	60.0	4.1	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	75.0	0.0	3.1	-	-	-	2.9	-	-	-	-	-
83.0	80.0	-	-	-	-	-	0.0	-	-	-	-	-
87.0	55.0	3.6	0.0	-	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
87.0	70.0	5.8	0.0	-	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	90.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
90.0	53.0	0.0	0.0	0.0	-	-	0.0	-	3.1	-	-	-
90.0	60.0	3.2	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	0.0	-	3.0	-	-	-
90.0	90.0	0.0	6.4	0.0	-	-	0.0	-	0.0	-	-	-
93.0	30.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	55.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
93.0	80.0	9.7	0.0	-	-	-	0.0	-	-	-	-	-
97.0	32.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
97.0	50.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	50.0	0.0	0.0	0.0	0.0	-	12.9	-	-	0.0	-	-
100.0	60.0	0.0	6.3	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	3.0	0.0	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	0.0	0.0	-	6.0	-	-	0.0	-	-
100.0	90.0	0.0	2.9	0.0	0.0	-	5.5	-	-	0.0	-	-
103.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	-	-	-
103.0	55.0	2.8	0.0	-	-	-	-	-	-	-	-	-
103.0	70.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
107.0	80.0	8.9	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Lestidiops ringens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	36.0	3.3	-	-	-	-	-	-	-	-	-	-
110.0	40.0	0.0	0.0	-	2.5	-	0.0	-	-	0.0	-	-
110.0	80.0	0.0	9.7	-	3.1	-	5.7	-	-	0.0	-	-
113.0	45.0	0.0	0.0	-	-	-	7.9	-	-	-	-	-
113.0	50.0	3.3	3.3	-	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
117.0	80.0	0.0	0.0	-	-	-	6.1	-	-	-	-	-
120.0	70.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
123.0	60.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-

Notolepis risso

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	100.0	-	-	-	6.9	-	-	-	-	-	0.0	-
63.0	90.0	-	0.0	-	-	-	3.4	-	-	-	0.0	-
70.0	70.0	0.0	1.6	0.0	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.1	-
83.0	70.0	0.0	0.0	-	-	-	10.2	-	-	-	-	-
90.0	80.0	0.0	3.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	100.0	-	-	3.1	-	-	-	-	0.0	-	-	-
93.0	27.0	0.0	0.0	-	-	-	9.8	-	-	-	-	-
97.0	90.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
100.0	140.0	-	-	-	0.0	-	-	-	-	5.7	-	-

Stemonosudis macrura

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	90.0	-	-	-	-	6.1	-	-	-	-	0.0	-
150.0	100.0	-	-	-	-	0.0	-	-	-	-	2.9	-

Aulopus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	40.0	3.4	-	-	-	0.0	-	-	-	-	0.0	-
150.0	19.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
150.0	25.0	0.0	-	-	-	6.9	-	-	-	-	9.3	-
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	3.2	-
157.0	45.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-

TABLE 4. (cont.)

Scopelosaurus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	55.0	13.6	-	-	0.0	-	-	-	-	0.0	-	-
50.0	80.0	0.0	-	0.0	-	3.1	-	-	-	-	0.0	-
60.0	100.0	-	2.9	-	-	-	-	-	-	-	0.0	-
73.0	53.0	3.1	0.0	-	-	0.0	-	-	-	-	0.0	-
80.0	90.0	0.0	0.0	-	-	7.6	-	-	-	-	-	-
83.0	90.0	0.0	0.0	-	-	2.9	-	-	-	-	-	-
87.0	60.0	0.0	3.3	-	-	0.0	-	-	-	-	-	-
87.0	80.0	0.0	0.0	-	-	2.7	-	-	-	-	-	-
90.0	90.0	0.0	3.2	-	-	0.0	-	-	0.0	-	-	-
93.0	60.0	0.0	0.0	-	-	2.8	-	-	-	-	-	-
103.0	80.0	0.0	3.2	-	-	0.0	-	-	-	-	-	-

Benthalbella dentata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	80.0	-	6.8	2.6	-	-	0.0	-	-	-	0.0	-
100.0	70.0	0.0	0.0	-	3.0	-	0.0	-	-	0.0	-	-
100.0	100.0	-	-	0.0	-	-	-	-	-	2.9	-	-
100.0	140.0	-	-	-	0.0	-	-	-	-	2.9	-	-
103.0	35.0	0.0	3.7	-	-	-	-	-	-	-	-	-

Rosenblattichthys volucris

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	53.0	3.7	0.0	-	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	70.0	3.4	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	120.0	-	-	6.5	-	-	-	-	0.0	-	-	-
100.0	80.0	3.4	0.0	-	0.0	-	3.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	-	6.4	-	0.0	-	-	0.0	-	-
100.0	100.0	-	-	-	0.0	-	-	-	-	2.9	-	-
100.0	120.0	-	-	-	3.1	-	-	-	-	0.0	-	-
100.0	140.0	-	-	-	3.0	-	-	-	-	0.0	-	-
107.0	70.0	-	-	-	-	-	2.7	-	-	-	-	-
110.0	55.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
110.0	80.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
113.0	80.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
120.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	9.1	-	-

Scopelarchoides nicholsi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	-	-	-	-	3.5	-	-	-	-	0.0	-

TABLE 4. (cont.)

Scopelarchoides nicholsi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	45.0	16.7	-	-	-	0.0	-	-	-	-	0.0	-
150.0	55.0	6.9	-	-	-	0.0	-	-	-	-	0.0	-
157.0	10.0	0.0	-	-	-	0.0	-	-	-	-	14.9	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	6.1	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	-	6.2	-
157.0	25.0	3.2	-	-	-	0.0	-	-	-	-	3.0	-
157.0	40.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
157.0	45.0	3.2	-	-	-	3.3	-	-	-	-	2.9	-
157.0	50.0	0.0	-	-	-	9.6	-	-	-	-	3.1	-
157.0	55.0	3.0	-	-	-	0.0	-	-	-	-	0.0	-
157.0	60.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Scopelarchus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	120.0	-	-	-	-	-	-	-	-	-	-	-
43.0	65.0	0.0	-	-	-	-	12.7	-	-	-	3.4	-
63.0	80.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
80.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.0	-
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	6.2	-
83.0	70.0	0.0	0.0	0.0	-	-	2.6	-	-	-	-	-
83.0	80.0	0.0	0.0	0.0	-	-	3.0	-	-	-	-	-
83.0	90.0	0.0	0.0	0.0	-	-	2.9	-	-	-	-	-
87.0	90.0	0.0	0.0	-	-	-	-	-	0.0	-	-	-
90.0	100.0	-	3.1	-	-	-	-	-	3.2	-	-	-
90.0	140.0	-	0.0	-	-	-	-	-	-	-	-	-
93.0	70.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
100.0	90.0	0.0	0.0	-	-	-	0.0	-	-	3.0	-	-
100.0	120.0	-	0.0	6.4	-	-	0.0	-	-	3.0	-	-
110.0	80.0	0.0	3.2	0.0	-	-	0.0	-	-	0.0	-	-
113.0	45.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
117.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
140.0	100.0	-	-	3.1	-	-	-	-	-	-	0.0	-
140.0	120.0	-	-	3.0	-	-	-	-	-	-	0.0	-
153.0	45.0	12.6	-	-	-	-	-	-	-	-	-	-
157.0	60.0	3.1	-	-	-	0.0	-	-	-	-	0.0	-

Myctophidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	80.0	-	-	-	3.5	-	-	-	-	0.0	-	-
40.0	180.0	-	-	-	-	-	-	-	-	-	2.9	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
47.0	50.0	32.3	-	-	-	-	0.0	-	-	-	-	-
47.0	65.0	0.0	-	-	-	-	12.0	-	-	-	-	-
47.0	80.0	0.0	-	-	-	-	3.2	-	-	-	-	-
50.0	90.0	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
57.0	90.0	-	-	-	-	-	2.9	-	-	-	-	-
60.0	70.0	-	3.4	-	-	-	0.0	-	-	-	0.0	-
63.0	55.0	2.9	10.3	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
63.0	80.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
67.0	90.0	-	1.5	-	-	-	0.0	-	-	-	-	-
70.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	9.6	-	-	-	0.0	-	-	-	-	-
73.0	60.0	0.0	1.7	-	-	-	0.0	-	-	-	-	-
73.0	80.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-
77.0	48.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
80.0	51.0	0.0	2.6	-	-	-	0.0	-	-	0.0	-	-
80.0	80.0	0.0	0.0	-	-	-	6.4	-	-	0.0	-	-
83.0	70.0	0.0	3.1	-	-	-	0.0	-	-	-	0.0	-
87.0	90.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
90.0	45.0	0.0	0.0	-	-	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	3.1	-	-	-	0.0	-	0.0	-	-	-
90.0	70.0	0.0	0.0	-	-	-	3.5	-	0.0	-	-	-
90.0	90.0	0.0	3.2	-	-	-	0.0	-	0.0	-	-	-
90.0	120.0	-	-	-	-	-	0.0	-	0.0	-	-	-
93.0	60.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	0.0	-	-	-	4.3	-	-	-	-	-
93.0	90.0	0.0	6.7	-	-	-	0.0	-	-	-	-	-
93.0	100.0	0.0	-	-	-	-	5.7	-	-	-	-	-
100.0	29.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	0.0	-	-	-	25.1	-	-	0.0	-	-
100.0	50.0	0.0	0.0	-	-	-	12.9	-	-	0.0	-	-
100.0	60.0	0.0	3.1	-	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	3.0	-	-	-	3.0	-	-	0.0	-	-
100.0	90.0	0.0	8.8	-	-	-	16.5	-	-	0.0	-	-
100.0	140.0	-	-	-	-	-	-	-	-	0.0	-	-
103.0	70.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
107.0	60.0	0.0	3.2	-	-	-	0.0	-	-	0.0	-	-
110.0	32.0	0.0	2.3	-	-	-	0.0	-	-	0.0	-	-
110.0	70.0	0.0	0.0	-	-	-	2.9	-	-	0.0	-	-
113.0	40.0	0.0	0.0	-	-	-	5.3	-	-	-	-	-
113.0	45.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-
113.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	30.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Myctophidae (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	35.0	0.0	0.0	-	-	-	12.7	-	-	-	-	-
117.0	70.0	0.0	0.0	-	-	-	5.5	-	-	-	-	-
120.0	45.0	0.0	0.0	-	2.6	-	0.0	-	0.0	-	-	-
123.0	42.0	3.3	5.9	-	-	-	0.0	-	-	-	-	-
123.0	50.0	0.0	10.8	-	-	-	0.0	-	-	-	-	-
127.0	40.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
130.0	35.0	0.0	3.3	-	0.0	-	0.0	-	0.0	-	-	-
130.0	40.0	3.2	0.0	-	0.0	-	0.0	-	0.0	-	-	-
130.0	50.0	9.9	0.0	-	3.0	-	0.0	-	0.0	-	-	-
130.0	60.0	0.0	0.0	-	15.1	-	0.0	-	0.0	-	-	-
130.0	80.0	-	-	-	3.0	-	-	-	0.0	-	-	-
133.0	35.0	0.0	44.7	-	-	-	0.0	-	-	-	-	-
133.0	40.0	3.2	3.2	-	-	-	0.0	-	-	-	-	-
133.0	50.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
133.0	60.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
137.0	35.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
137.0	50.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
137.0	60.0	3.3	0.0	-	-	-	-	-	-	-	-	-
140.0	40.0	0.0	-	-	-	3.2	-	-	-	-	0.0	-
140.0	45.0	0.0	-	-	-	2.9	-	-	-	-	0.0	-
140.0	50.0	10.6	-	-	-	3.2	-	-	-	-	0.0	-
140.0	60.0	0.0	-	-	-	12.5	-	-	-	-	0.0	-
140.0	80.0	-	-	-	-	0.0	-	-	-	-	5.8	-
147.0	40.0	3.4	-	-	-	-	-	-	-	-	-	-
147.0	45.0	52.6	-	-	-	-	-	-	-	-	-	-
147.0	55.0	12.8	-	-	-	-	-	-	-	-	-	-
147.0	60.0	13.0	-	-	-	-	-	-	-	-	-	-
150.0	25.0	3.6	-	-	-	-	-	-	-	-	-	-
150.0	30.0	0.0	-	-	-	0.0	-	-	-	-	0.0	-
150.0	35.0	17.1	-	-	-	6.7	-	-	-	-	0.0	-
150.0	40.0	0.0	-	-	-	0.0	-	-	-	-	0.0	-
150.0	45.0	0.0	-	-	-	3.3	-	-	-	-	0.0	-
150.0	50.0	0.0	-	-	-	3.2	-	-	-	-	0.0	-
150.0	55.0	0.0	-	-	-	3.2	-	-	-	-	6.2	-
150.0	60.0	10.4	-	-	-	3.2	-	-	-	-	0.0	-
150.0	80.0	19.4	-	-	-	0.0	-	-	-	-	3.1	-
150.0	90.0	-	-	-	-	8.6	-	-	-	-	0.0	-
150.0	100.0	-	-	-	-	3.0	-	-	-	-	0.0	-
150.0	110.0	-	-	-	-	3.1	-	-	-	-	0.0	-
153.0	20.0	-	-	-	-	2.8	-	-	-	-	-	-
153.0	25.0	7.1	-	-	-	-	-	-	-	-	-	-
153.0	30.0	7.0	-	-	-	-	-	-	-	-	-	-
153.0	35.0	31.2	-	-	-	-	-	-	-	-	-	-
153.0	45.0	3.2	-	-	-	-	-	-	-	-	-	-
153.0	50.0	6.0	-	-	-	-	-	-	-	-	-	-
153.0	55.0	6.2	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0	60.0	8.9	-	-	-	-	-	-	-	-	-	-
157.0	15.0	35.0	-	-	0.0	-	-	-	-	-	0.0	-
157.0	25.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-
157.0	30.0	0.0	-	-	0.0	-	-	-	-	-	6.3	-
157.0	40.0	3.1	-	-	0.0	-	-	-	-	-	0.0	-
157.0	45.0	9.5	-	-	3.3	-	-	-	-	-	0.0	-
157.0	50.0	15.1	-	-	0.0	-	-	-	-	-	0.0	-
157.0	55.0	27.0	-	-	0.0	-	-	-	-	-	0.0	-
157.0	60.0	0.0	-	-	18.1	-	-	-	-	-	0.0	-

Bolinichthys spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	80.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
100.0	140.0	-	-	0.0	-	-	-	-	-	5.7	-	-
140.0	90.0	-	-	5.6	-	-	-	-	-	-	0.0	-
140.0	120.0	-	-	3.0	-	-	-	-	-	-	8.6	-
150.0	30.0	0.0	-	-	0.0	-	-	-	-	-	3.0	-
150.0	40.0	0.0	-	-	0.0	-	-	-	-	-	6.0	-
150.0	70.0	-	-	-	0.0	-	-	-	-	-	2.9	-
150.0	90.0	-	-	-	3.0	-	-	-	-	-	0.0	-
150.0	100.0	-	-	-	0.0	-	-	-	-	-	8.7	-
150.0	110.0	-	-	-	5.6	-	-	-	-	-	0.0	-

Ceratoscopelus townsendi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	120.0	-	-	-	-	-	-	-	-	-	6.8	-
40.0	180.0	-	-	-	-	-	-	-	-	-	2.9	-
47.0	50.0	0.0	-	-	-	-	14.1	-	-	-	-	-
47.0	80.0	0.0	-	-	-	-	12.8	-	-	-	-	-
50.0	70.0	0.0	-	0.0	-	-	12.1	-	-	-	0.0	-
50.0	80.0	0.0	-	0.0	-	-	12.5	-	-	-	0.0	-
50.0	100.0	-	-	0.0	-	-	-	-	-	-	12.3	-
50.0	120.0	-	-	3.2	-	-	-	-	-	-	0.0	-
53.0	80.0	-	0.0	-	-	-	34.6	-	-	-	-	-
57.0	70.0	-	0.0	-	-	-	13.0	-	-	-	-	-
57.0	90.0	-	-	5.9	-	-	2.9	-	-	-	-	-
60.0	100.0	-	-	0.0	-	-	-	-	-	-	0.0	-
60.0	120.0	-	-	-	-	-	-	-	-	3.1	-	-
63.0	90.0	-	0.0	-	-	-	48.2	-	-	-	-	-
67.0	90.0	-	0.0	-	-	-	3.1	-	-	-	-	-
80.0	60.0	0.0	0.0	0.0	-	-	13.2	-	-	-	0.0	-
80.0	80.0	0.0	0.0	0.0	-	-	3.2	-	-	-	0.0	-

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	0.0	0.0	-	-	91.2	-	-	-	3.1	-
83.0	70.0	0.0	0.0	-	-	-	30.7	-	-	-	-	-
83.0	90.0	0.0	0.0	-	-	-	8.6	-	-	-	-	-
87.0	70.0	14.6	0.0	-	-	-	0.0	-	-	-	-	-
87.0	90.0	0.0	6.2	-	-	-	0.0	-	-	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	0.0	33.5	-	-	-	-
90.0	90.0	5.1	0.0	0.0	-	-	0.0	2.9	-	-	-	-
90.0	100.0	-	25.1	0.0	-	-	0.0	9.5	-	-	-	-
90.0	120.0	-	106.9	-	-	-	-	6.4	-	-	-	-
90.0	140.0	-	3.2	-	-	-	-	9.7	-	-	-	-
93.0	70.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
93.0	100.0	2.8	-	-	-	-	8.6	-	-	-	-	-
93.0	110.0	6.0	-	-	-	-	2.9	-	-	-	-	-
93.0	120.0	0.0	-	-	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	3.3	-	-	-	5.3	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	15.1	-	-	0.0	-	-
100.0	80.0	0.0	0.0	0.0	-	-	5.5	-	-	6.1	-	-
100.0	90.0	0.0	0.0	9.6	-	-	-	-	-	22.9	-	-
100.0	100.0	-	-	3.0	-	-	-	-	-	3.0	-	-
100.0	120.0	-	-	6.2	-	-	-	-	-	17.2	-	-
100.0	140.0	-	-	29.6	-	-	-	-	-	-	-	-
103.0	45.0	0.0	0.0	-	-	-	10.8	-	-	-	-	-
103.0	60.0	0.0	3.0	-	-	-	11.2	-	-	-	-	-
103.0	80.0	0.0	0.0	-	-	-	14.5	-	-	-	-	-
110.0	50.0	0.0	0.0	0.0	-	-	0.0	-	-	3.3	-	-
110.0	80.0	0.0	0.0	0.0	-	-	2.8	-	-	0.0	-	-
113.0	60.0	0.0	0.0	-	-	-	2.5	-	-	-	-	-
113.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	70.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
117.0	80.0	0.0	0.0	-	-	-	6.1	-	-	-	-	-
120.0	80.0	0.0	0.0	8.5	-	-	17.6	-	-	0.0	-	-
130.0	60.0	0.0	0.0	0.0	-	-	2.6	-	-	0.0	-	-
137.0	35.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
140.0	120.0	-	-	106.6	-	-	-	-	-	-	5.7	-

Diaphus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	60.0	0.0	-	-	25.0	-	-	-	-	0.0	-	-
40.0	70.0	-	-	0.0	0.0	-	-	-	-	5.9	-	-
40.0	80.0	-	-	3.5	-	-	-	-	-	0.0	-	-
40.0	90.0	-	-	32.5	-	-	-	-	-	0.0	-	-
43.0	45.0	0.0	-	-	-	-	26.4	-	-	-	-	-
43.0	50.0	0.0	-	-	-	-	49.4	-	-	-	-	-
43.0	55.0	0.0	-	-	-	-	47.7	-	-	-	-	-

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	60.0	0.0	-	-	-	-	63.4	-	-	-	-	-
43.0	65.0	0.0	-	-	-	-	127.2	-	-	-	-	-
43.0	70.0	0.0	-	-	-	-	19.7	-	-	-	-	-
47.0	55.0	0.0	-	-	-	-	79.9	-	-	-	-	-
47.0	65.0	0.0	-	-	-	-	24.0	-	-	-	-	-
47.0	70.0	0.0	-	-	-	-	11.9	-	-	-	-	-
47.0	80.0	0.0	-	-	-	-	28.9	-	-	-	-	-
50.0	50.0	0.0	-	0.0	0.0	-	29.0	-	-	-	0.0	-
50.0	55.0	0.0	-	0.0	0.0	-	34.0	-	-	-	0.0	-
50.0	60.0	0.0	-	0.0	0.0	-	44.5	-	-	-	0.0	-
50.0	65.0	0.0	-	0.0	0.0	-	42.5	-	-	-	0.0	-
50.0	80.0	0.0	-	-	0.0	-	15.6	-	-	-	0.0	-
50.0	90.0	0.0	-	-	0.0	-	21.4	-	-	-	0.0	-
50.0	120.0	-	-	9.5	-	-	-	-	-	-	0.0	-
53.0	65.0	-	0.0	-	-	-	16.8	-	-	-	-	-
53.0	80.0	-	0.0	-	-	-	23.0	-	-	-	-	-
53.0	90.0	-	-	-	-	-	3.1	-	-	-	-	-
57.0	60.0	-	0.0	-	-	-	14.5	-	-	-	-	-
57.0	80.0	-	0.0	-	-	-	12.3	-	-	-	-	-
57.0	90.0	-	-	-	-	-	17.5	-	-	-	-	-
60.0	65.0	0.0	-	0.0	-	-	39.1	-	-	-	0.0	-
60.0	70.0	0.0	-	0.0	-	-	12.7	-	-	-	0.0	-
60.0	90.0	-	0.0	-	-	-	11.8	-	-	-	0.0	-
60.0	100.0	-	-	-	-	-	-	-	-	-	0.0	-
63.0	65.0	0.0	0.0	-	-	-	37.6	-	-	-	-	-
63.0	70.0	0.0	0.0	-	-	-	37.1	-	-	-	-	-
63.0	80.0	-	0.0	-	-	-	58.8	-	-	-	-	-
63.0	90.0	-	0.0	-	-	-	44.7	-	-	-	-	-
67.0	50.0	0.0	-	-	-	-	48.3	-	-	-	-	-
67.0	65.0	0.0	-	-	-	-	13.6	-	-	-	-	-
67.0	70.0	0.0	-	-	-	-	26.6	-	-	-	-	-
67.0	80.0	-	0.0	-	-	-	51.8	-	-	-	-	-
67.0	90.0	-	0.0	-	-	-	27.7	-	-	-	-	-
70.0	53.0	0.0	0.0	-	-	-	13.0	-	-	-	0.0	-
70.0	60.0	0.0	0.0	-	-	-	13.6	-	-	-	0.0	-
70.0	80.0	0.0	0.0	-	-	-	35.2	-	-	-	0.0	-
70.0	90.0	0.0	0.0	-	-	-	13.7	-	-	-	0.0	-
73.0	50.0	0.0	0.0	-	-	-	7.1	-	-	-	-	-
73.0	60.0	0.0	0.0	-	-	-	9.0	-	-	-	-	-
77.0	51.0	0.0	0.0	-	-	-	8.4	-	-	-	-	-
77.0	55.0	0.0	0.0	-	-	-	11.6	-	-	-	-	-
77.0	70.0	0.0	0.0	-	-	-	10.1	-	-	-	0.0	-
80.0	60.0	0.0	0.0	-	-	-	39.5	-	-	-	0.0	-
80.0	80.0	0.0	0.0	-	-	-	6.4	-	-	-	0.0	-
80.0	90.0	0.0	0.0	-	-	-	79.8	-	-	-	0.0	-
83.0	43.0	3.3	-	3.3	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

STATION	<i>Diaphus spp. (cont.)</i>											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	0.0	-	-	-	77.3	-	-	-	-	-
83.0	70.0	0.0	0.0	-	-	-	10.2	-	-	-	-	-
83.0	75.0	-	-	-	-	-	28.7	-	-	-	-	-
83.0	90.0	0.0	0.0	-	-	-	5.7	-	-	-	-	-
87.0	70.0	5.8	0.0	-	-	-	29.5	-	-	-	-	-
87.0	80.0	0.0	0.0	-	-	-	35.6	-	-	-	-	-
87.0	90.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
90.0	60.0	0.0	0.0	0.0	-	-	30.7	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	3.5	0.0	-	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	8.6	3.3	-	-	-	-
90.0	120.0	0.0	27.2	-	-	-	-	0.0	-	-	-	-
90.0	140.0	-	3.2	-	-	-	-	9.7	-	-	-	-
90.0	140.0	-	0.0	-	-	-	-	-	-	-	-	-
93.0	60.0	0.0	0.0	-	-	-	19.5	-	-	-	-	-
93.0	70.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	80.0	0.0	0.0	-	-	-	17.1	-	-	-	-	-
93.0	90.0	0.0	0.0	-	-	-	3.4	-	-	-	-	-
93.0	100.0	0.0	0.0	-	-	-	14.3	-	-	-	-	-
93.0	120.0	0.0	0.0	-	-	-	17.3	-	-	-	-	-
97.0	45.0	0.0	0.0	-	-	-	10.7	-	-	-	-	-
97.0	70.0	0.0	0.0	-	-	-	6.0	-	-	-	-	-
97.0	90.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
100.0	40.0	0.0	0.0	13.2	-	-	0.0	-	0.0	-	-	-
100.0	50.0	0.0	0.0	0.0	-	-	38.8	-	0.0	-	-	-
100.0	120.0	0.0	0.0	0.0	-	-	-	-	6.0	-	-	-
100.0	140.0	-	-	0.0	-	-	-	-	2.9	-	-	-
117.0	80.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
150.0	25.0	0.0	0.0	-	-	0.0	-	-	-	21.6	-	-
150.0	40.0	0.0	0.0	-	-	0.0	-	-	-	12.1	-	-
150.0	45.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-	-
150.0	45.0	13.4	-	-	-	0.0	-	-	-	0.0	-	-
150.0	50.0	45.1	-	-	-	9.3	-	-	-	72.8	-	-
150.0	100.0	-	-	-	-	0.0	-	-	-	18.8	-	-
150.0	110.0	-	-	-	-	-	-	-	-	-	-	-
153.0	35.0	3.2	-	-	-	-	-	-	-	-	-	-
153.0	45.0	3.2	-	-	-	0.0	-	-	-	131.6	-	-
157.0	15.0	3.2	-	-	-	0.0	-	-	-	33.5	-	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	37.1	-	-
157.0	25.0	0.0	-	-	-	0.0	-	-	-	17.8	-	-
157.0	30.0	0.0	-	-	-	0.0	-	-	-	69.3	-	-
157.0	35.0	3.1	-	-	-	0.0	-	-	-	84.5	-	-
157.0	40.0	12.8	-	-	-	0.0	-	-	-	0.0	-	-
157.0	45.0	9.3	-	-	-	0.0	-	-	-	17.3	-	-
157.0	50.0	25.2	-	-	-	0.0	-	-	-	27.7	-	-
157.0	55.0	0.0	-	-	-	0.0	-	-	-	12.0	-	-
157.0	60.0	0.0	-	-	-	18.1	-	-	-	0.0	-	-

TABLE 4. (cont.)

Lampadena urophaos

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	100.0	-	-	-	0.0	-	-	-	-	2.9	-	-
100.0	120.0	-	-	-	0.0	-	-	-	-	6.0	-	-
107.0	80.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
120.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
120.0	70.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
120.0	80.0	0.0	0.0	-	0.0	-	2.9	-	-	15.1	-	-
140.0	90.0	-	-	-	19.6	-	-	-	-	-	0.0	-
140.0	100.0	-	-	-	3.1	-	-	-	-	-	3.0	-
140.0	120.0	-	-	-	26.6	-	-	-	-	-	2.8	-
150.0	110.0	-	-	-	-	2.8	-	-	-	-	0.0	-

Lampanyctus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	55.0	-	-	-	-	-	11.9	-	-	-	-	-
43.0	70.0	0.0	-	-	-	-	0.0	-	-	-	-	-
47.0	60.0	13.3	-	-	-	-	12.1	-	-	-	-	-
47.0	80.0	0.0	-	-	-	-	38.5	-	-	-	-	-
50.0	60.0	0.0	-	-	0.0	-	22.2	-	-	-	0.0	-
50.0	80.0	0.0	-	-	0.0	-	21.8	-	-	-	0.0	-
53.0	80.0	13.5	-	-	0.0	-	9.2	-	-	-	0.0	-
53.0	90.0	-	0.0	-	-	-	11.5	-	-	-	0.0	-
57.0	90.0	-	-	-	-	-	9.2	-	-	-	-	-
60.0	55.0	-	-	-	-	-	6.7	-	-	-	-	-
60.0	60.0	0.0	0.0	0.0	-	-	12.8	-	-	-	0.0	-
60.0	65.0	0.0	0.0	0.0	-	-	25.0	-	-	-	0.0	-
60.0	70.0	0.0	0.0	0.0	-	-	65.2	-	-	-	0.0	-
60.0	80.0	0.0	1.7	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	1.6	0.0	-	-	0.0	-	-	-	0.0	-
63.0	55.0	-	0.0	0.0	-	2.8	11.8	-	-	-	0.0	-
63.0	60.0	0.0	0.0	-	-	-	14.1	-	-	-	0.0	-
63.0	70.0	0.0	0.0	-	-	-	25.4	-	-	-	-	-
63.0	80.0	-	3.2	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	1.6	-	-	-	0.0	-	-	-	-	-
67.0	50.0	-	0.0	0.0	-	-	17.2	-	-	-	-	-
67.0	60.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
67.0	80.0	0.0	0.0	-	-	-	13.1	-	-	-	-	-
67.0	90.0	-	7.0	-	-	-	0.0	-	-	-	-	-
70.0	53.0	-	13.6	-	-	-	9.2	-	-	-	-	-
70.0	65.0	0.0	0.0	0.0	-	-	13.0	-	-	-	0.0	-
70.0	70.0	0.0	1.5	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	8.0	0.0	-	-	38.0	-	-	-	0.0	-
70.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	0.0	20.8	0.0	-	-	2.7	-	-	-	0.0	-
70.0	90.0	0.0	16.2	0.0	-	-	-	-	-	-	0.0	-

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	80.0	15.5	0.0	16.1	-	-	0.0	-	-	-	-	-
77.0	48.0	0.0	3.1	3.1	-	-	0.0	-	-	-	-	-
77.0	60.0	3.4	3.5	3.5	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	1.6	1.6	-	-	0.0	-	-	-	-	-
77.0	90.0	0.0	1.5	1.5	-	-	0.0	-	-	-	0.0	-
80.0	60.0	0.0	3.2	3.2	-	-	0.0	-	-	-	0.0	-
80.0	90.0	3.5	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	55.0	0.0	3.0	3.0	-	-	34.4	-	-	-	-	-
83.0	75.0	-	-	-	-	-	12.2	-	-	-	-	-
83.0	80.0	3.7	14.9	14.9	-	-	0.0	-	-	-	-	-
83.0	90.0	6.8	0.0	0.0	-	-	0.0	-	-	-	-	-
87.0	33.0	0.0	2.8	2.8	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	6.4	6.4	-	-	0.0	-	-	-	-	-
87.0	55.0	16.5	3.4	3.4	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	14.5	14.5	-	-	0.0	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	80.0	0.0	3.4	3.4	-	-	0.0	-	-	-	-	-
90.0	90.0	5.1	18.2	18.2	-	-	5.8	-	-	-	-	-
90.0	100.0	0.0	0.0	0.0	-	-	3.2	-	-	-	-	-
90.0	120.0	-	-	-	-	-	-	-	-	-	-	-
90.0	140.0	-	-	-	-	-	-	-	-	-	-	-
93.0	35.0	0.0	6.3	6.3	-	-	0.0	-	-	-	-	-
93.0	40.0	0.0	15.8	15.8	-	-	0.0	-	-	-	-	-
93.0	45.0	3.7	0.0	0.0	-	-	0.0	-	-	-	-	-
93.0	50.0	-	8.5	8.5	-	-	0.0	-	-	-	-	-
93.0	55.0	-	3.2	3.2	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	9.4	9.4	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	26.7	26.7	-	-	0.0	-	-	-	-	-
93.0	80.0	3.3	9.1	9.1	-	-	4.3	-	-	-	-	-
93.0	90.0	6.8	0.0	0.0	-	-	0.0	-	-	-	-	-
93.0	120.0	6.8	6.5	6.5	-	-	0.0	-	-	-	-	-
97.0	29.0	0.0	5.4	5.4	-	-	-	-	-	-	-	-
97.0	32.0	0.0	2.6	2.6	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	6.0	6.0	-	-	0.0	-	-	-	-	-
97.0	40.0	3.0	2.9	2.9	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
97.0	55.0	3.3	20.9	20.9	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	2.9	2.9	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	2.7	2.7	-	-	0.0	-	-	-	-	-
100.0	35.0	0.0	16.3	16.3	-	-	0.0	-	-	-	-	-
100.0	40.0	0.0	3.2	3.2	-	-	10.8	-	-	-	0.0	-
100.0	50.0	0.0	0.0	0.0	-	-	0.0	-	-	-	6.7	-
100.0	60.0	0.0	9.1	9.1	-	-	0.0	-	-	-	0.0	-
100.0	70.0	0.0	13.4	13.4	-	-	0.0	-	-	-	0.0	-
100.0	80.0	0.0	3.0	3.0	-	-	0.0	-	-	-	3.1	-
100.0	90.0	3.2	3.4	3.4	-	-	0.0	-	-	-	3.1	-
100.0	90.0	3.2	6.3	6.3	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	120.0	-	-	-	12.3	-	-	-	-	6.0	-	-
100.0	140.0	-	-	-	8.9	-	-	-	-	5.7	-	-
103.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	45.0	5.9	0.0	-	-	-	0.0	-	-	-	-	-
103.0	50.0	6.1	0.0	-	-	-	-	-	-	-	-	-
103.0	55.0	33.2	-	-	-	-	-	-	-	-	-	-
103.0	60.0	0.0	14.8	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	3.2	-	-	-	5.8	-	-	-	-	-
107.0	31.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
107.0	35.0	13.5	0.0	-	-	-	0.0	-	-	-	-	-
107.0	40.0	2.6	0.0	-	-	-	0.0	-	-	-	-	-
107.0	50.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	0.0	-	-	-	11.5	-	-	-	-	-
107.0	70.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
107.0	80.0	20.6	0.0	-	-	-	0.0	-	-	-	-	-
110.0	40.0	13.0	0.0	-	10.2	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	6.4	-	-
110.0	50.0	6.6	0.0	-	0.0	-	0.0	-	-	3.3	-	-
110.0	55.0	3.3	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	60.0	6.5	0.0	-	0.0	-	5.6	-	-	0.0	-	-
110.0	70.0	3.1	3.1	-	0.0	-	2.9	-	-	0.0	-	-
110.0	80.0	3.2	6.5	-	0.0	-	2.8	-	-	0.0	-	-
113.0	45.0	0.0	0.0	-	0.0	-	10.6	-	-	-	-	-
113.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	60.0	0.0	0.0	-	-	-	2.5	-	-	-	-	-
113.0	70.0	0.0	2.9	-	-	-	8.9	-	-	-	-	-
113.0	80.0	5.9	0.0	-	-	-	0.0	-	-	-	-	-
117.0	70.0	3.3	0.0	-	-	-	5.5	-	-	-	-	-
117.0	80.0	6.3	9.2	-	-	-	0.0	-	-	-	-	-
120.0	45.0	3.1	0.0	-	0.0	-	0.0	-	-	0.0	-	-
120.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
120.0	70.0	0.0	42.3	-	0.0	-	5.7	-	-	0.0	-	-
120.0	80.0	0.0	0.0	-	0.0	-	5.9	-	-	0.0	-	-
123.0	36.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
127.0	50.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
130.0	50.0	6.6	0.0	-	0.0	-	0.0	-	-	5.7	-	-
130.0	80.0	-	-	-	0.0	-	-	-	-	20.9	-	-
130.0	90.0	-	-	-	73.3	-	-	-	-	5.3	-	-
133.0	35.0	0.0	6.4	-	-	-	0.0	-	-	-	-	-
133.0	40.0	6.8	9.5	-	-	-	0.0	-	-	-	-	-
133.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	60.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
137.0	35.0	21.3	0.0	-	-	-	0.0	-	-	-	-	-
137.0	40.0	22.3	6.5	-	-	-	0.0	-	-	-	-	-
137.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	60.0	10.1	6.7	-	-	0.0	-	-	-	-	5.8	-
140.0	30.0	0.0	-	-	-	0.0	-	-	-	-	17.9	-
140.0	35.0	3.2	-	-	-	0.0	-	-	-	-	2.9	-
140.0	40.0	13.5	-	-	-	0.0	-	-	-	-	14.8	-
140.0	45.0	0.0	-	-	-	6.3	-	-	-	-	2.9	-
140.0	50.0	14.2	-	-	-	3.2	-	-	-	-	2.8	-
140.0	55.0	6.9	-	-	-	0.0	-	-	-	-	20.5	-
140.0	60.0	7.1	-	-	-	5.6	-	-	-	-	11.7	-
140.0	70.0	-	-	-	-	24.4	-	-	-	-	0.0	-
140.0	80.0	-	-	-	47.6	-	-	-	-	-	6.0	-
140.0	90.0	-	-	-	12.3	-	-	-	-	-	8.6	-
140.0	100.0	-	-	-	38.5	-	-	-	-	-	-	-
140.0	120.0	-	-	-	-	-	-	-	-	-	-	-
143.0	40.0	6.4	-	-	-	-	-	-	-	-	-	-
143.0	45.0	15.1	-	-	-	-	-	-	-	-	-	-
143.0	50.0	6.5	-	-	-	-	-	-	-	-	-	-
143.0	55.0	10.0	-	-	-	-	-	-	-	-	-	-
143.0	60.0	10.8	-	-	-	-	-	-	-	-	-	-
147.0	35.0	22.0	-	-	-	-	-	-	-	-	-	-
147.0	40.0	13.7	-	-	-	-	-	-	-	-	-	-
147.0	45.0	6.6	-	-	-	-	-	-	-	-	-	-
147.0	50.0	3.1	-	-	-	-	-	-	-	-	-	-
147.0	55.0	6.4	-	-	-	-	-	-	-	-	-	-
147.0	60.0	3.3	-	-	-	-	-	-	-	-	-	-
150.0	25.0	0.0	-	-	-	31.2	-	-	-	-	30.9	-
150.0	30.0	20.2	-	-	-	20.2	-	-	-	-	27.1	-
150.0	35.0	3.4	-	-	-	0.0	-	-	-	-	54.5	-
150.0	40.0	13.6	-	-	-	0.0	-	-	-	-	9.1	-
150.0	45.0	23.4	-	-	-	22.5	-	-	-	-	33.8	-
150.0	50.0	38.6	-	-	-	3.2	-	-	-	-	0.0	-
150.0	55.0	51.8	-	-	-	6.5	-	-	-	-	2.9	-
150.0	60.0	48.5	-	-	-	0.0	-	-	-	-	0.0	-
150.0	70.0	-	-	-	-	3.2	-	-	-	-	0.0	-
150.0	80.0	-	-	-	-	8.6	-	-	-	-	6.1	-
150.0	90.0	-	-	-	-	12.2	-	-	-	-	9.4	-
150.0	100.0	-	-	-	-	6.2	-	-	-	-	5.8	-
150.0	110.0	-	-	-	-	30.8	-	-	-	-	6.3	-
153.0	20.0	3.5	-	-	-	-	-	-	-	-	-	-
153.0	30.0	13.9	-	-	-	-	-	-	-	-	-	-
153.0	35.0	16.1	-	-	-	-	-	-	-	-	-	-
153.0	40.0	13.3	-	-	-	-	-	-	-	-	-	-
153.0	45.0	25.3	-	-	-	-	-	-	-	-	-	-
153.0	50.0	6.0	-	-	-	-	-	-	-	-	-	-
153.0	55.0	12.5	-	-	-	-	-	-	-	-	-	-
153.0	60.0	6.0	-	-	-	2.9	-	-	-	-	6.0	-
157.0	10.0	0.0	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	20.0	6.4	-	-	-	12.7	-	-	-	-	12.4	-
157.0	25.0	12.8	-	-	-	0.0	-	-	-	-	5.9	-
157.0	30.0	21.6	-	-	-	0.0	-	-	-	-	12.6	-
157.0	35.0	16.0	-	-	-	0.0	-	-	-	-	6.5	-
157.0	40.0	12.4	-	-	-	0.0	-	-	-	-	9.4	-
157.0	45.0	28.4	-	-	-	23.3	-	-	-	-	11.5	-
157.0	50.0	15.1	-	-	-	19.3	-	-	-	-	3.1	-
157.0	55.0	21.0	-	-	-	0.0	-	-	-	-	9.0	-
157.0	60.0	9.2	-	-	-	9.1	-	-	-	-	3.0	-

Lampanyctus regalis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
47.0	55.0	0.0	-	-	-	-	13.3	-	-	-	-	-
47.0	80.0	0.0	-	-	-	-	3.2	-	-	-	-	-
50.0	55.0	0.0	-	-	0.0	-	11.3	-	-	-	0.0	-
53.0	70.0	-	0.0	-	-	-	14.2	-	-	-	-	-
57.0	60.0	-	0.0	-	-	-	29.0	-	-	-	-	-
60.0	90.0	-	0.0	0.0	-	-	17.7	-	-	-	0.0	-
63.0	55.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	0.0	-	-	-	12.7	-	-	-	-	-
63.0	70.0	0.0	5.9	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	0.0	-	-	-	11.8	-	-	-	-	-
67.0	60.0	0.0	0.0	-	-	-	13.1	-	-	-	-	-
67.0	65.0	0.0	0.0	-	-	-	54.4	-	-	-	-	-
67.0	90.0	-	0.0	-	-	-	3.1	-	-	-	-	-
70.0	60.0	0.0	0.0	0.0	-	-	13.6	-	-	-	0.0	-
70.0	70.0	0.0	0.0	0.0	-	-	12.7	-	-	-	0.0	-
77.0	70.0	0.0	0.0	-	-	-	30.2	-	-	-	-	-
80.0	70.0	0.0	0.0	0.0	-	-	11.5	-	-	-	0.0	-
87.0	80.0	0.0	0.0	0.0	-	-	8.2	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	7.1	-	0.0	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	2.9	-	0.0	-	-	-
93.0	60.0	0.0	0.0	-	-	-	5.6	-	-	-	-	-
93.0	100.0	3.1	-	-	-	-	2.9	-	-	-	-	-
103.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
120.0	80.0	0.0	0.0	-	2.8	-	0.0	-	-	0.0	-	-

Lampanyctus ritteri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	55.0	0.0	-	-	3.3	-	-	-	-	0.0	-	-
40.0	60.0	0.0	-	-	3.6	-	-	-	-	2.9	-	-
40.0	65.0	0.0	-	-	3.7	-	-	-	-	3.6	-	-

TABLE 4. (cont.)

STATION	<i>Lampanyctus ritteri</i> (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	70.0	-	-	-	0.0	-	-	-	-	2.9	-	-
40.0	80.0	-	-	-	3.5	-	-	-	-	0.0	-	-
40.0	90.0	-	-	-	4.1	-	-	-	-	0.0	-	-
40.0	100.0	-	-	-	-	-	-	-	-	6.7	-	-
43.0	70.0	-	-	-	-	-	6.6	-	-	-	-	-
47.0	55.0	-	-	-	-	-	26.6	-	-	-	-	-
50.0	100.0	-	-	-	3.5	-	-	-	-	0.0	-	-
50.0	120.0	-	-	-	12.7	-	-	-	-	0.0	-	-
53.0	52.0	-	13.9	-	-	-	0.0	-	-	-	0.0	-
60.0	52.0	-	0.0	-	-	-	0.0	-	-	-	0.0	-
60.0	60.0	-	9.1	-	-	-	0.0	-	-	-	0.0	-
60.0	70.0	-	0.0	-	-	-	0.0	-	-	-	3.3	-
60.0	80.0	-	0.0	-	-	-	2.6	-	-	-	0.0	-
60.0	100.0	-	-	-	-	-	14.7	-	-	-	0.0	-
63.0	65.0	-	0.0	-	-	-	-	-	-	-	-	-
63.0	70.0	-	17.6	-	-	-	-	-	-	-	-	-
63.0	90.0	-	10.9	-	-	-	-	-	-	-	-	-
67.0	50.0	-	0.0	-	-	-	-	-	-	-	-	-
67.0	55.0	-	0.0	-	-	-	0.0	-	-	-	-	-
67.0	60.0	-	20.4	-	-	-	-	-	-	-	-	-
67.0	80.0	-	-	-	-	-	-	-	-	-	-	-
67.0	90.0	-	9.3	-	-	-	-	-	-	-	0.0	-
70.0	60.0	-	0.0	-	-	-	0.0	-	-	-	0.0	-
70.0	65.0	-	17.1	-	-	-	0.0	-	-	-	0.0	-
70.0	70.0	-	0.0	-	-	-	0.0	-	-	-	0.0	-
70.0	80.0	-	6.9	-	-	-	0.0	-	-	-	2.6	-
70.0	90.0	-	6.2	-	-	-	0.0	-	-	-	0.0	-
73.0	53.0	-	3.7	-	-	-	2.8	-	-	-	-	-
73.0	60.0	-	0.0	-	-	-	-	-	-	-	-	-
73.0	65.0	-	1.7	-	-	-	-	-	-	-	-	-
73.0	70.0	-	6.2	-	-	-	-	-	-	-	-	-
73.0	90.0	-	7.0	-	-	-	-	-	-	-	-	-
77.0	48.0	-	29.1	-	-	-	-	-	-	-	-	-
77.0	51.0	-	0.0	-	-	-	-	-	-	-	-	-
77.0	55.0	-	3.5	-	-	-	-	-	-	-	-	-
77.0	65.0	-	4.2	-	-	-	-	-	-	-	-	-
77.0	80.0	-	15.9	-	-	-	-	-	-	-	-	-
77.0	90.0	-	10.4	-	-	-	-	-	-	-	-	-
80.0	51.0	-	39.5	-	-	-	-	-	-	-	-	-
80.0	52.0	-	0.0	-	-	-	0.0	-	-	0.0	-	-
80.0	55.0	-	10.4	-	-	-	0.0	-	-	0.0	-	-
80.0	60.0	-	0.0	-	-	-	3.3	-	-	-	0.0	-
80.0	70.0	-	34.8	-	-	-	0.0	-	-	-	3.0	-
80.0	90.0	-	9.2	-	-	-	0.0	-	-	-	3.1	-
83.0	55.0	-	0.0	-	-	-	26.6	-	-	-	-	-
83.0	60.0	-	0.0	-	-	-	-	-	-	-	-	-
		-	5.2	-	-	-	-	-	-	-	-	-
		-	3.5	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	25.8	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	70.0	0.0	6.3	-	-	-	30.7	-	-	-	-	-
83.0	90.0	0.0	0.0	-	-	-	5.7	-	-	-	-	-
87.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	55.0	0.0	13.6	-	-	-	0.0	-	-	-	-	-
87.0	60.0	8.0	19.9	-	-	-	0.0	-	-	-	-	-
87.0	70.0	11.6	22.6	-	-	-	3.0	-	-	-	-	-
87.0	80.0	5.2	12.3	-	-	-	0.0	-	-	-	-	-
87.0	90.0	3.1	15.4	-	-	-	20.5	-	-	-	-	-
90.0	28.0	0.0	0.0	0.0	-	-	0.0	-	3.4	-	-	-
90.0	45.0	3.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	53.0	7.4	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	0.0	11.9	-	-	7.7	-	12.4	-	-	-
90.0	70.0	6.5	12.9	24.2	-	-	7.1	-	0.0	-	-	-
90.0	80.0	0.0	90.3	12.1	-	-	11.5	-	0.0	-	-	-
90.0	90.0	0.0	25.2	6.9	-	-	0.0	-	0.0	-	-	-
90.0	100.0	-	-	9.4	-	-	-	-	0.0	-	-	-
90.0	120.0	-	-	42.1	-	-	-	-	0.0	-	-	-
93.0	27.0	0.0	0.0	-	-	-	19.5	-	-	-	-	-
93.0	30.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
93.0	50.0	0.0	38.5	-	-	-	0.0	-	-	-	-	-
93.0	55.0	3.2	16.6	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	28.0	-	-	-	8.3	-	-	-	-	-
93.0	70.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	100.0	0.0	-	-	-	-	45.9	-	-	-	-	-
93.0	120.0	0.0	-	-	-	-	8.6	-	-	-	-	-
97.0	40.0	3.9	3.3	-	-	-	0.0	-	-	-	-	-
97.0	45.0	3.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	6.7	-	-	-	10.7	-	-	-	-	-
97.0	55.0	0.0	13.8	-	-	-	23.5	-	-	-	-	-
97.0	60.0	34.2	8.4	-	-	-	0.0	-	-	-	-	-
97.0	70.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	14.9	-	-	-	7.9	-	-	-	-	-
97.0	90.0	9.2	0.0	-	-	-	19.9	-	-	-	-	-
100.0	29.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	50.0	0.0	0.0	-	-	-	25.8	-	-	7.3	-	-
100.0	60.0	0.0	25.0	-	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	3.2	-	-	-	2.9	-	-	0.0	-	-
100.0	80.0	0.0	9.1	-	-	-	21.1	-	-	0.0	-	-
100.0	90.0	0.0	0.0	-	-	-	2.8	-	-	9.1	-	-
103.0	45.0	0.0	0.0	-	-	-	21.5	-	-	-	-	-
103.0	50.0	6.4	0.0	-	-	-	11.5	-	-	-	-	-
103.0	55.0	5.5	0.0	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	60.0	8.6	0.0	-	-	-	0.0	-	-	-	-	-
103.0	70.0	5.4	22.5	-	-	-	2.8	-	-	-	-	-
107.0	35.0	0.0	7.2	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	26.8	-	-	-	0.0	-	-	-	-	-
107.0	60.0	27.0	9.7	-	-	-	0.0	-	-	-	-	-
107.0	70.0	5.7	3.3	-	-	-	0.0	-	-	-	-	-
110.0	45.0	0.0	12.8	10.1	-	-	0.0	-	0.0	0.0	-	-
110.0	50.0	0.0	12.4	0.0	-	-	0.0	-	0.0	0.0	-	-
110.0	55.0	0.0	0.0	3.1	-	-	0.0	-	6.4	6.4	-	-
110.0	60.0	3.1	0.0	6.7	-	-	0.0	-	0.0	0.0	-	-
110.0	70.0	0.0	3.1	0.0	-	-	0.0	-	3.0	3.0	-	-
110.0	80.0	6.3	0.0	3.1	-	-	0.0	-	0.0	0.0	-	-
113.0	40.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
113.0	60.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
113.0	80.0	5.6	0.0	-	-	-	0.0	-	-	-	-	-
117.0	60.0	0.0	6.4	-	-	-	0.0	-	-	-	-	-
117.0	70.0	0.0	13.6	-	-	-	2.8	-	-	-	-	-
117.0	80.0	10.9	0.0	-	-	-	15.1	-	-	-	-	-
118.0	39.0	0.0	0.0	-	-	-	12.6	-	-	-	-	-
120.0	30.0	0.0	0.0	2.6	-	-	0.0	-	0.0	0.0	-	-
120.0	50.0	0.0	0.0	2.8	-	-	0.0	-	0.0	0.0	-	-
120.0	60.0	3.1	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
120.0	70.0	12.6	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
123.0	60.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-

Notolynchus valdiviae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.1	-
83.0	70.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
90.0	120.0	-	-	3.2	-	-	-	-	0.0	-	-	-
90.0	140.0	-	-	0.0	-	-	-	-	3.2	-	-	-
93.0	80.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
100.0	120.0	-	-	0.0	-	-	-	-	-	3.0	-	-
100.0	140.0	-	-	0.0	-	-	-	-	-	20.1	-	-

Notoscopeus resplendens

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	65.0	-	0.0	0.0	-	-	12.5	-	-	-	-	-
90.0	90.0	2.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-
97.0	90.0	0.0	0.0	0.0	-	-	2.7	-	-	-	-	-
100.0	140.0	-	-	-	0.0	-	-	-	-	2.9	-	-
103.0	60.0	0.0	0.0	-	-	-	11.2	-	-	-	-	-

TABLE 4. (cont.)

Notoscopelus resplendens (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	50.0	0.0	0.0	-	3.2	-	0.0	-	-	0.0	-	-
110.0	80.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
140.0	90.0	-	-	-	2.8	-	-	-	-	-	0.0	-
140.0	120.0	-	-	-	35.5	-	-	-	-	-	0.0	-

Stenobrachius leucopsarus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	10.0	-	-	3.1	-	-	-	-	0.0	-	-
40.0	40.0	10.2	-	-	0.0	-	-	-	-	0.0	-	-
40.0	45.0	36.2	-	-	0.0	-	-	-	-	0.0	-	-
40.0	50.0	452.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	393.2	-	-	39.1	-	-	-	-	0.0	-	-
40.0	60.0	319.7	-	-	28.6	-	-	-	-	0.0	-	-
40.0	65.0	63.0	-	-	11.0	-	-	-	-	0.0	-	-
40.0	70.0	-	-	-	4.6	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	97.4	-	-	-	-	0.0	-	-
40.0	90.0	-	-	-	12.2	-	-	-	-	0.0	-	-
43.0	42.0	36.4	-	-	-	-	0.0	-	-	-	-	-
43.0	45.0	25.7	-	-	-	-	0.0	-	-	-	-	-
43.0	50.0	12.7	-	-	-	-	0.0	-	-	-	-	-
43.0	55.0	188.2	-	-	-	-	0.0	-	-	-	-	-
43.0	60.0	122.4	-	-	-	-	0.0	-	-	-	-	-
43.0	65.0	233.6	-	-	-	-	0.0	-	-	-	-	-
43.0	70.0	119.5	-	-	-	-	0.0	-	-	-	-	-
47.0	50.0	365.8	-	-	-	-	0.0	-	-	-	-	-
47.0	55.0	107.8	-	-	-	-	0.0	-	-	-	-	-
47.0	60.0	80.4	-	-	-	-	36.2	-	-	-	-	-
47.0	65.0	77.3	-	-	-	-	36.0	-	-	-	-	-
47.0	70.0	56.3	-	-	-	-	0.0	-	-	-	-	-
47.0	80.0	406.1	-	-	-	-	0.0	-	-	-	-	-
50.0	47.0	26.6	-	-	6.0	-	0.0	-	-	-	0.0	-
50.0	50.0	31.0	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	55.0	13.5	-	-	24.7	-	0.0	-	-	-	0.0	-
50.0	60.0	78.5	-	-	2.9	-	0.0	-	-	-	0.0	-
50.0	65.0	97.9	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	70.0	12.2	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	80.0	12.4	-	-	5.9	-	0.0	-	-	-	0.0	-
50.0	90.0	13.5	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	100.0	-	-	-	3.5	-	-	-	-	-	0.0	-
53.0	52.0	-	83.3	-	-	-	0.0	-	-	-	-	-
53.0	55.0	-	199.2	-	-	-	0.0	-	-	-	-	-
53.0	60.0	-	14.8	-	-	-	13.1	-	-	-	-	-
53.0	65.0	-	228.0	-	-	-	0.0	-	-	-	-	-
53.0	70.0	-	116.8	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

		<i>Stenobranchius leucopsarus</i> (cont.)											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	
53.0	80.0	-	34.7	-	-	-	0.0	-	-	-	-	-	
57.0	51.0	-	396.7	-	-	-	0.0	-	-	-	-	-	
57.0	55.0	-	545.4	-	-	-	14.5	-	-	-	-	-	
57.0	60.0	-	0.0	-	-	-	0.0	-	-	-	-	-	
57.0	65.0	-	16.7	-	-	-	0.0	-	-	-	-	-	
57.0	70.0	-	58.9	-	-	-	0.0	-	-	-	-	-	
57.0	80.0	-	139.5	-	-	-	0.0	-	-	-	-	-	
60.0	50.0	0.0	5.3	3.3	-	-	0.0	-	-	-	0.0	-	
60.0	52.0	10.4	1.6	0.0	-	-	0.0	-	-	-	0.0	-	
60.0	55.0	88.0	97.5	0.0	-	-	12.8	-	-	-	0.0	-	
60.0	60.0	40.4	271.6	3.9	-	-	0.0	-	-	-	0.0	-	
60.0	65.0	111.6	287.1	0.0	-	-	0.0	-	-	-	0.0	-	
60.0	70.0	50.0	16.8	0.0	-	-	0.0	-	-	-	0.0	-	
60.0	80.0	-	92.1	5.1	-	-	12.8	-	-	-	0.0	-	
60.0	90.0	-	17.3	10.2	-	-	14.8	-	-	-	0.0	-	
60.0	100.0	-	-	2.9	-	-	-	-	-	-	0.0	-	
63.0	52.0	14.9	0.0	-	-	-	0.0	-	-	-	-	-	
63.0	55.0	25.7	31.0	-	-	-	0.0	-	-	-	-	-	
63.0	60.0	117.4	52.9	-	-	-	0.0	-	-	-	-	-	
63.0	65.0	-	32.0	-	-	-	0.0	-	-	-	-	-	
63.0	70.0	-	46.4	-	-	-	0.0	-	-	-	-	-	
63.0	80.0	-	35.7	-	-	-	0.0	-	-	-	-	-	
63.0	90.0	-	4.7	-	-	-	0.0	-	-	-	-	-	
67.0	48.0	-	8.2	-	-	-	0.0	-	-	-	-	-	
67.0	50.0	82.6	616.6	17.1	-	-	24.2	-	-	-	-	-	
67.0	55.0	41.1	37.2	116.5	-	-	0.0	-	-	-	-	-	
67.0	60.0	29.5	282.3	125.8	-	-	26.2	-	-	-	-	-	
67.0	65.0	-	52.0	24.9	-	-	0.0	-	-	-	-	-	
67.0	70.0	-	52.5	24.2	-	-	13.3	-	-	-	-	-	
67.0	80.0	-	22.1	22.1	-	-	0.0	-	-	-	-	-	
70.0	51.0	90.8	44.8	-	-	-	0.0	-	-	-	0.0	-	
70.0	53.0	111.5	140.2	90.1	-	-	0.0	-	-	-	0.0	-	
70.0	55.0	-	12.6	12.6	-	-	0.0	-	-	-	-	-	
70.0	60.0	37.8	124.4	344.0	-	-	0.0	-	-	-	2.9	-	
70.0	65.0	48.6	160.3	907.3	-	-	0.0	-	-	-	0.0	-	
70.0	70.0	7.0	98.0	220.6	-	-	0.0	-	-	-	0.0	-	
70.0	80.0	12.8	3.5	13.2	-	-	0.0	-	-	-	0.0	-	
70.0	90.0	-	6.2	24.3	-	-	0.0	-	-	-	0.0	-	
73.0	50.0	-	224.8	45.1	-	-	0.0	-	-	-	-	-	
73.0	53.0	59.1	222.6	402.5	-	-	0.0	-	-	-	-	-	
73.0	60.0	144.3	254.8	511.9	-	-	0.0	-	-	-	-	-	
73.0	65.0	14.1	82.7	106.2	-	-	-	-	-	-	-	-	
73.0	70.0	13.6	37.3	205.6	-	-	-	-	-	-	-	-	
73.0	80.0	34.9	0.0	156.9	-	-	-	-	-	-	-	-	
73.0	90.0	33.4	3.2	95.2	-	-	-	-	-	-	-	-	
77.0	48.0	0.0	107.6	183.5	-	-	0.0	-	-	-	-	-	

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	51.0	49.6	168.7	-	-	-	33.8	-	-	-	-	-
77.0	55.0	186.8	39.2	-	-	-	58.2	-	-	-	-	-
77.0	60.0	26.2	80.9	-	-	-	0.0	-	-	-	-	-
77.0	65.0	57.1	678.7	-	-	-	0.0	-	-	-	-	-
77.0	70.0	13.6	99.9	-	-	-	0.0	-	-	-	-	-
77.0	80.0	37.8	52.8	-	-	-	-	-	-	-	-	-
77.0	90.0	-	6.6	-	-	-	-	-	-	-	-	-
80.0	51.0	22.0	56.8	10.6	-	-	0.0	-	0.0	-	-	-
80.0	52.0	55.4	16.5	68.0	-	-	0.0	-	0.0	-	-	-
80.0	55.0	20.2	158.6	248.3	-	-	0.0	-	-	-	-	-
80.0	60.0	7.3	850.0	7.2	-	-	0.0	-	-	-	2.8	-
80.0	70.0	198.5	301.8	3.6	-	-	0.0	-	-	-	0.0	-
80.0	80.0	0.0	226.1	29.6	-	-	0.0	-	-	-	0.0	-
80.0	90.0	36.9	94.9	36.6	-	-	0.0	-	-	-	0.0	-
82.0	47.0	28.6	91.6	-	-	-	0.0	-	-	-	-	-
83.0	40.0	3.4	2.4	-	-	-	0.0	-	-	-	-	-
83.0	43.0	55.8	-	-	-	-	0.0	-	-	-	-	-
83.0	51.0	4.6	70.8	-	-	-	0.0	-	-	-	-	-
83.0	55.0	45.6	115.4	-	-	-	0.0	-	-	-	-	-
83.0	60.0	59.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	17.1	84.5	-	-	-	0.0	-	-	-	-	-
83.0	80.0	40.0	317.8	-	-	-	0.0	-	-	-	-	-
83.0	90.0	53.6	62.2	-	-	-	0.0	-	-	-	-	-
87.0	33.0	7.4	30.9	-	-	-	0.0	-	-	-	-	-
87.0	35.0	2.2	141.5	-	-	-	0.0	-	-	-	-	-
87.0	40.0	6.3	-	-	-	-	0.0	-	-	-	-	-
87.0	45.0	0.0	201.6	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	73.1	-	-	-	0.0	-	-	-	-	-
87.0	55.0	0.0	128.8	-	-	-	0.0	-	-	-	-	-
87.0	60.0	5.4	16.5	-	-	-	0.0	-	-	-	-	-
87.0	70.0	5.8	3.2	-	-	-	0.0	-	-	-	-	-
87.0	80.0	12.9	3.1	-	-	-	0.0	-	-	-	-	-
87.0	90.0	3.1	9.3	-	-	-	0.0	-	-	-	-	-
90.0	28.0	3.6	21.1	8.7	-	-	0.0	-	0.0	-	-	-
90.0	32.0	3.7	41.6	15.5	-	-	0.0	-	0.0	-	-	-
90.0	37.0	25.7	71.1	3.2	-	-	0.0	-	0.0	-	-	-
90.0	45.0	104.4	28.5	31.3	-	-	0.0	-	0.0	-	-	-
90.0	53.0	10.5	15.5	13.0	-	-	0.0	-	0.0	-	-	-
90.0	60.0	34.8	2.9	47.7	-	-	0.0	-	0.0	-	-	-
90.0	70.0	0.0	13.7	42.4	-	-	0.0	-	0.0	-	-	-
90.0	80.0	0.0	63.2	0.0	-	-	0.0	-	0.0	-	-	-
90.0	90.0	0.0	0.0	24.1	-	-	0.0	-	0.0	-	-	-
90.0	100.0	-	0.0	6.3	-	-	0.0	-	0.0	-	-	-
93.0	28.0	18.8	21.8	-	-	-	0.0	-	-	-	-	-
93.0	30.0	6.1	6.2	-	-	-	0.0	-	-	-	-	-
93.0	35.0	6.1	3.2	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Stenobranchius leucopsarus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	40.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
93.0	50.0	0.0	6.4	-	-	-	0.0	-	-	-	-	-
93.0	55.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	6.2	-	-	-	0.0	-	-	-	-	-
93.0	70.0	13.2	0.0	-	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	5.4	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	6.8	-	-	-	0.0	-	-	-	-	-
97.0	29.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	32.0	0.0	2.1	-	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	5.7	-	-	-	0.0	-	-	-	-	-
97.0	40.0	0.0	7.8	-	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
97.0	55.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	8.9	-	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	8.4	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
100.0	29.0	14.9	11.0	-	-	-	0.0	-	-	-	-	-
100.0	30.0	2.7	3.3	-	-	-	0.0	-	-	-	-	-
100.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	50.0	0.0	6.8	-	-	-	0.0	-	-	-	-	-
100.0	60.0	0.0	3.4	-	-	-	10.8	-	-	-	-	-
100.0	70.0	0.0	6.3	-	-	-	0.0	-	-	-	-	-
100.0	80.0	0.0	25.5	-	-	-	0.0	-	-	-	-	-
103.0	45.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
103.0	50.0	0.0	6.4	-	-	-	0.0	-	-	-	-	-
110.0	50.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
113.0	40.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
123.0	36.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-

Tripnoturus mexicanus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.0	-
80.0	90.0	0.0	0.0	0.0	-	-	3.8	-	-	-	0.0	-
83.0	70.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
83.0	80.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
83.0	90.0	0.0	0.0	-	-	-	5.7	-	-	-	-	-
87.0	90.0	0.0	0.0	-	-	-	14.7	-	-	-	-	-
90.0	32.0	0.0	0.0	-	-	-	11.3	-	-	-	-	-
90.0	37.0	0.0	0.0	9.3	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	15.4	-	-	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	31.9	-	-	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	5.8	-	-	-	-	-
90.0	100.0	0.0	3.2	0.0	-	-	0.0	-	-	-	-	-
90.0	120.0	-	-	3.1	-	-	0.0	-	-	-	-	-
90.0	120.0	-	-	3.2	-	-	0.0	-	-	-	-	-
90.0	120.0	-	-	-	-	-	2.9	-	-	-	-	-
90.0	120.0	-	-	-	-	-	9.6	-	-	-	-	-

TABLE 4. (cont.)

Tripnoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	27.0	0.0	0.0	-	-	-	48.8	-	-	-	-	-
93.0	28.0	0.0	0.0	-	-	-	93.8	-	-	-	-	-
93.0	30.0	0.0	0.0	-	-	-	35.3	-	-	-	-	-
93.0	40.0	0.0	0.0	-	-	-	22.2	-	-	-	-	-
93.0	45.0	0.0	0.0	-	-	-	25.0	-	-	-	-	-
93.0	50.0	0.0	0.0	-	-	-	32.9	-	-	-	-	-
93.0	60.0	0.0	0.0	-	-	-	114.0	-	-	-	-	-
93.0	70.0	0.0	0.0	-	-	-	8.6	-	-	-	-	-
93.0	90.0	0.0	0.0	-	-	-	10.2	-	-	-	-	-
93.0	100.0	0.0	0.0	-	-	-	23.0	-	-	-	-	-
97.0	32.0	0.0	0.0	-	-	-	46.9	-	-	-	-	-
97.0	40.0	0.0	0.0	-	-	-	52.4	-	-	-	-	-
97.0	45.0	0.0	0.0	-	-	-	150.1	-	-	-	-	-
97.0	50.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
97.0	55.0	0.0	0.0	-	-	-	21.4	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	31.7	-	-	-	-	-
97.0	90.0	0.0	3.3	-	-	-	10.8	-	-	-	-	-
100.0	29.0	0.0	3.2	-	0.0	-	0.0	-	-	51.3	-	-
100.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	133.5	-	-
100.0	35.0	0.0	0.0	-	0.0	-	140.4	-	-	23.9	-	-
100.0	40.0	0.0	0.0	-	19.7	-	188.4	-	-	37.1	-	-
100.0	40.0	0.0	0.0	-	29.2	-	12.9	-	-	84.4	-	-
100.0	60.0	0.0	15.7	-	18.2	-	11.4	-	-	0.0	-	-
100.0	70.0	0.0	0.0	-	0.0	-	0.0	-	-	6.0	-	-
100.0	80.0	0.0	0.0	-	0.0	-	255.9	-	-	21.6	-	-
100.0	90.0	0.0	0.0	-	16.0	-	233.8	-	-	33.5	-	-
100.0	100.0	0.0	0.0	-	40.0	-	-	-	-	31.5	-	-
100.0	120.0	-	-	-	-	-	-	-	-	12.0	-	-
103.0	45.0	0.0	0.0	-	-	-	118.4	-	-	-	-	-
103.0	50.0	0.0	0.0	-	-	-	149.8	-	-	-	-	-
103.0	60.0	0.0	0.0	-	-	-	45.0	-	-	-	-	-
103.0	70.0	0.0	6.4	-	-	-	22.7	-	-	-	-	-
103.0	80.0	0.0	0.0	-	-	-	219.6	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	134.4	-	-	-	-	-
107.0	32.0	0.0	0.0	-	-	-	97.6	-	-	-	-	-
107.0	35.0	0.0	0.0	-	-	-	56.0	-	-	-	-	-
107.0	50.0	0.0	0.0	-	-	-	75.6	-	-	-	-	-
107.0	60.0	0.0	0.0	-	-	-	46.1	-	-	-	-	-
107.0	70.0	0.0	0.0	-	-	-	199.8	-	-	-	-	-
107.0	80.0	2.8	0.0	-	-	-	152.6	-	-	-	-	-
110.0	35.0	-	0.0	-	18.0	-	0.0	-	-	12.0	-	-
110.0	40.0	0.0	0.0	-	48.3	-	195.8	-	-	31.8	-	-
110.0	45.0	0.0	0.0	-	40.3	-	192.0	-	-	156.3	-	-
110.0	50.0	0.0	0.0	-	16.0	-	132.9	-	-	258.2	-	-
110.0	55.0	0.0	0.0	-	28.3	-	116.0	-	-	210.5	-	-
110.0	60.0	3.1	0.0	-	56.6	-	70.3	-	-	33.7	-	-

TABLE 4. (cont.)

		<i>Tripnoturus mexicanus</i> (cont.)											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	
110.0	70.0	5.7	0.0	3.1	3.0	-	97.2	-	-	23.7	-	-	
110.0	80.0	0.0	0.0	0.0	37.6	-	147.7	-	-	15.8	-	-	
113.0	29.0	0.0	0.0	0.0	-	-	7.6	-	-	-	-	-	
113.0	40.0	0.0	0.0	0.0	-	-	214.4	-	-	-	-	-	
113.0	45.0	0.0	0.0	0.0	-	-	71.3	-	-	-	-	-	
113.0	50.0	0.0	0.0	0.0	-	-	65.8	-	-	-	-	-	
113.0	60.0	0.0	0.0	0.0	-	-	99.4	-	-	-	-	-	
113.0	70.0	0.0	0.0	0.0	-	-	609.8	-	-	-	-	-	
113.0	80.0	0.0	3.2	0.0	-	-	189.0	-	-	-	-	-	
117.0	30.0	0.0	0.0	0.0	-	-	11.4	-	-	-	-	-	
117.0	40.0	0.0	0.0	0.0	-	-	1033.6	-	-	-	-	-	
117.0	45.0	0.0	0.0	0.0	-	-	1139.3	-	-	-	-	-	
117.0	50.0	0.0	0.0	0.0	-	-	84.0	-	-	-	-	-	
117.0	60.0	0.0	0.0	0.0	-	-	35.2	-	-	-	-	-	
117.0	70.0	9.8	0.0	0.0	-	-	300.8	-	-	-	-	-	
117.0	80.0	0.0	0.0	0.0	-	-	330.3	-	-	-	-	-	
118.0	39.0	0.0	0.0	0.0	-	-	125.6	-	-	-	-	-	
120.0	30.0	0.0	0.0	0.0	2.6	-	0.0	-	-	2.5	-	-	
120.0	35.0	0.0	0.0	0.0	2.7	-	0.0	-	-	0.0	-	-	
120.0	40.0	0.0	0.0	0.0	2.6	-	2.3	-	-	2.4	-	-	
120.0	45.0	0.0	0.0	0.0	5.2	-	12.0	-	-	143.5	-	-	
120.0	50.0	0.0	0.0	0.0	5.6	-	12.0	-	-	176.3	-	-	
120.0	60.0	6.3	3.3	3.0	73.9	-	8.8	-	-	58.1	-	-	
120.0	70.0	21.7	0.0	0.0	67.2	-	208.8	-	-	59.4	-	-	
120.0	80.0	0.0	0.0	0.0	17.0	-	52.7	-	-	39.4	-	-	
123.0	37.0	0.0	0.0	0.0	-	-	2.3	-	-	-	-	-	
123.0	45.0	5.3	3.3	0.0	-	-	11.4	-	-	-	-	-	
123.0	50.0	0.0	0.0	7.2	-	-	12.0	-	-	-	-	-	
123.0	60.0	0.0	0.0	12.2	-	-	106.8	-	-	-	-	-	
127.0	40.0	3.4	0.0	0.0	-	-	32.6	-	-	-	-	-	
127.0	45.0	0.0	3.1	0.0	-	-	0.0	-	-	-	-	-	
127.0	50.0	6.4	0.0	0.0	-	-	34.7	-	-	-	-	-	
127.0	60.0	0.0	10.0	0.0	-	-	22.7	-	-	-	-	-	
130.0	35.0	0.0	0.0	13.0	0.0	-	0.0	-	-	0.0	-	-	
130.0	40.0	0.0	0.0	0.0	21.2	-	0.0	-	-	5.8	-	-	
130.0	50.0	0.0	0.0	0.0	3.0	-	35.5	-	-	8.6	-	-	
130.0	60.0	0.0	0.0	11.8	51.2	-	15.8	-	-	0.0	-	-	
130.0	70.0	0.0	-	-	0.0	-	-	-	-	17.3	-	-	
130.0	80.0	-	-	-	23.7	-	-	-	-	56.6	-	-	
130.0	90.0	-	-	-	281.3	-	-	-	-	5.3	-	-	
133.0	35.0	6.7	0.0	19.1	-	-	0.0	-	-	-	-	-	
133.0	40.0	6.8	3.2	0.0	-	-	0.0	-	-	-	-	-	
133.0	50.0	0.0	13.1	3.3	-	-	11.8	-	-	-	-	-	
133.0	60.0	0.0	0.0	6.6	-	-	6.3	-	-	-	-	-	
137.0	35.0	3.5	3.1	0.0	-	-	0.0	-	-	-	-	-	
137.0	40.0	6.4	3.3	16.0	-	-	0.0	-	-	-	-	-	

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	50.0	0.0	9.0	-	-	-	0.0	-	-	-	-	-
140.0	40.0	0.0	-	-	-	6.4	-	-	-	-	2.9	-
140.0	45.0	3.4	-	-	-	0.0	-	-	-	-	8.9	-
140.0	50.0	0.0	-	-	-	6.3	-	-	-	-	0.0	-
140.0	55.0	0.0	-	-	-	6.3	-	-	-	-	0.0	-
140.0	60.0	3.5	-	-	-	6.3	-	-	-	-	2.8	-
140.0	70.0	-	-	-	-	13.9	-	-	-	-	0.0	-
140.0	80.0	-	-	-	-	61.0	-	-	-	-	0.0	-
140.0	90.0	-	-	-	47.6	-	-	-	-	-	0.0	-
140.0	100.0	-	-	-	18.5	-	-	-	-	-	0.0	-
140.0	120.0	-	-	-	20.7	-	-	-	-	-	0.0	-
150.0	25.0	0.0	-	-	-	104.1	-	-	-	-	0.0	-
150.0	30.0	0.0	-	-	-	57.3	-	-	-	-	0.0	-
150.0	60.0	12.9	-	-	-	0.0	-	-	-	-	0.0	-
150.0	80.0	-	-	-	-	2.9	-	-	-	-	0.0	-
150.0	90.0	-	-	-	-	6.1	-	-	-	-	0.0	-
150.0	100.0	-	-	-	-	6.2	-	-	-	-	0.0	-
157.0	10.0	3.2	-	-	-	0.0	-	-	-	-	6.0	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
157.0	30.0	0.0	-	-	-	5.9	-	-	-	-	0.0	-

Benthoosema pterota

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	45.0	0.0	-	-	-	0.0	-	-	-	-	11.8	-
140.0	70.0	-	-	-	-	0.0	-	-	-	-	2.9	-
150.0	19.0	0.0	-	-	-	0.0	-	-	-	-	5.9	-
150.0	25.0	0.0	-	-	-	83.3	-	-	-	-	0.0	-
150.0	30.0	0.0	-	-	-	6.7	-	-	-	-	0.0	-
157.0	10.0	16.0	-	-	-	0.0	-	-	-	-	0.0	-

Diogenichthys atlanticus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	180.0	-	-	-	-	-	-	-	-	-	29.3	-
57.0	65.0	-	16.7	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	1.6	-	-	-	10.3	-	-	-	-	-
77.0	51.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
77.0	60.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	12.4	-
83.0	60.0	7.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	-	-	-	17.9	-	-	-	-	-
83.0	80.0	0.0	0.0	-	-	-	12.2	-	-	-	-	-

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	60.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
87.0	70.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
87.0	80.0	5.2	6.1	-	-	-	0.0	-	-	-	-	-
87.0	90.0	0.0	0.0	-	-	-	23.4	-	-	-	-	-
90.0	70.0	0.0	3.2	0.0	-	-	7.1	0.0	-	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	2.9	6.7	-	-	-	-
90.0	90.0	2.5	28.4	0.0	-	-	0.0	3.2	-	-	-	-
90.0	120.0	-	-	42.1	-	-	-	12.8	-	-	-	-
90.0	140.0	-	-	0.0	-	-	-	16.1	-	-	-	-
93.0	70.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
93.0	80.0	6.6	0.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	10.1	-	-	-	0.0	-	-	-	-	-
93.0	100.0	-	-	-	-	-	14.3	-	-	-	-	-
93.0	120.0	-	-	-	-	-	11.8	-	-	-	-	-
97.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	55.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
97.0	60.0	3.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	10.6	-	-	-	-	-
97.0	90.0	0.0	26.5	-	-	-	19.0	-	-	-	-	-
100.0	50.0	2.7	0.0	-	-	-	12.9	-	-	0.0	-	-
100.0	70.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	80.0	3.0	0.0	-	-	-	9.0	-	-	0.0	-	-
100.0	90.0	0.0	5.9	-	-	-	0.0	-	-	21.4	-	-
100.0	100.0	-	-	-	-	-	-	-	-	5.7	-	-
100.0	120.0	-	-	-	-	-	-	-	-	33.0	-	-
100.0	140.0	-	-	-	-	-	-	-	-	54.5	-	-
103.0	45.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
103.0	60.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	9.0	-	-	-	-	-
107.0	60.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
110.0	50.0	0.0	0.0	-	-	-	12.1	-	-	0.0	-	-
110.0	55.0	0.0	0.0	-	-	-	0.0	-	-	3.2	-	-
117.0	70.0	0.0	0.0	-	-	-	5.5	-	-	-	-	-
117.0	80.0	0.0	0.0	-	-	-	18.2	-	-	-	-	-
120.0	50.0	0.0	0.0	-	-	-	0.0	-	-	3.0	-	-
127.0	50.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-

Diogenichthys laternatus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	27.0	0.0	0.0	-	-	-	9.8	-	-	-	-	-
93.0	100.0	0.0	-	-	-	-	8.6	-	-	-	-	-
97.0	55.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	80.0	0.0	0.0	-	0.0	-	3.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
103.0	80.0	0.0	0.0	-	-	-	8.7	-	-	-	-	-
107.0	70.0	2.9	0.0	-	-	-	8.1	-	-	-	-	-
110.0	32.0	0.0	0.0	-	0.0	-	0.0	-	-	2.5	-	-
110.0	35.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
110.0	36.0	-	-	-	-	-	-	-	-	-	-	-
110.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	35.1	-	-
110.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	29.8	-	-
110.0	55.0	0.0	0.0	-	0.0	-	0.0	-	-	51.0	-	-
110.0	60.0	6.2	0.0	-	0.0	-	0.0	-	-	55.1	-	-
110.0	70.0	0.0	0.0	-	0.0	-	8.6	-	-	11.8	-	-
110.0	80.0	0.0	0.0	-	0.0	-	11.4	-	-	0.0	-	-
113.0	45.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	50.0	9.8	0.0	-	-	-	0.0	-	-	-	-	-
113.0	60.0	0.0	0.0	-	-	-	2.5	-	-	-	-	-
113.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	40.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
117.0	50.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
117.0	60.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	2.4	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	9.0	-	-
120.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	57.8	-	-
120.0	60.0	0.0	0.0	-	0.0	-	0.0	-	-	12.2	-	-
120.0	70.0	3.1	0.0	-	0.0	-	0.0	-	-	23.8	-	-
120.0	80.0	0.0	0.0	-	0.0	-	0.0	-	-	21.2	-	-
123.0	45.0	5.3	0.0	-	-	-	0.0	-	-	-	-	-
123.0	50.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
123.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	50.0	6.4	0.0	-	-	-	3.0	-	-	-	-	-
127.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	60.0	3.3	0.0	-	-	-	3.0	-	-	-	-	-
130.0	35.0	0.0	3.3	-	0.0	-	2.8	-	-	0.0	-	-
130.0	40.0	44.9	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	40.0	13.2	0.0	-	3.0	-	0.0	-	-	8.8	-	-
130.0	60.0	0.0	2.9	-	0.0	-	12.2	-	-	28.7	-	-
130.0	70.0	6.5	0.0	-	0.0	-	0.0	-	-	5.7	-	-
130.0	80.0	-	-	-	5.6	-	-	-	-	31.7	-	-
130.0	90.0	-	-	-	14.8	-	-	-	-	104.3	-	-
130.0	90.0	-	-	-	35.2	-	-	-	-	31.8	-	-
133.0	30.0	12.4	39.4	-	-	-	0.0	-	-	-	-	-
133.0	35.0	6.7	35.1	-	-	-	0.0	-	-	-	-	-
133.0	40.0	17.0	44.5	-	-	-	0.0	-	-	-	-	-
133.0	50.0	3.2	9.8	-	-	-	0.0	-	-	-	-	-
133.0	60.0	0.0	13.1	-	-	-	6.3	-	-	-	-	-
137.0	30.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

		<i>Diogenichthys laternatus</i> (cont.)											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	
137.0	35.0	27.9	12.7	-	-	-	0.0	-	-	-	-	-	
137.0	40.0	75.2	0.0	-	-	-	0.0	-	-	-	-	-	
137.0	50.0	0.0	18.1	-	-	-	0.0	-	-	-	-	-	
137.0	60.0	10.1	3.4	-	-	-	-	-	-	-	-	-	
140.0	30.0	0.0	-	-	-	2.5	-	-	-	-	0.0	-	
140.0	35.0	32.0	-	-	-	0.0	-	-	-	-	32.8	-	
140.0	40.0	10.1	-	-	-	0.0	-	-	-	-	2.9	-	
140.0	45.0	10.3	-	-	-	0.0	-	-	-	-	20.6	-	
140.0	50.0	28.4	-	-	-	6.3	-	-	-	-	17.2	-	
140.0	55.0	3.5	-	-	-	15.8	-	-	-	-	8.8	-	
140.0	60.0	7.1	-	-	-	3.1	-	-	-	-	2.8	-	
140.0	70.0	-	-	-	-	8.4	-	-	-	-	35.2	-	
140.0	80.0	-	-	-	-	33.5	-	-	-	-	11.7	-	
140.0	90.0	-	-	5.6	-	-	-	-	-	-	3.0	-	
140.0	120.0	-	-	62.2	-	-	-	-	-	-	31.3	-	
143.0	30.0	6.6	-	-	-	-	-	-	-	-	-	-	
143.0	35.0	37.3	-	-	-	-	-	-	-	-	-	-	
143.0	40.0	154.6	-	-	-	-	-	-	-	-	-	-	
143.0	45.0	18.1	-	-	-	-	-	-	-	-	-	-	
143.0	55.0	13.3	-	-	-	-	-	-	-	-	-	-	
143.0	60.0	7.2	-	-	-	-	-	-	-	-	-	-	
147.0	20.0	6.1	-	-	-	-	-	-	-	-	-	-	
147.0	30.0	15.2	-	-	-	-	-	-	-	-	-	-	
147.0	35.0	18.8	-	-	-	-	-	-	-	-	-	-	
147.0	40.0	13.7	-	-	-	-	-	-	-	-	-	-	
147.0	45.0	32.9	-	-	-	-	-	-	-	-	-	-	
147.0	50.0	24.6	-	-	-	-	-	-	-	-	-	-	
147.0	55.0	31.9	-	-	-	-	-	-	-	-	-	-	
147.0	60.0	39.0	-	-	-	-	-	-	-	-	-	-	
150.0	19.0	6.8	-	-	-	3.5	-	-	-	-	26.5	-	
150.0	25.0	7.1	-	-	-	468.5	-	-	-	-	64.9	-	
150.0	30.0	20.2	-	-	-	741.4	-	-	-	-	48.2	-	
150.0	35.0	41.2	-	-	-	23.2	-	-	-	-	48.5	-	
150.0	40.0	64.8	-	-	-	0.0	-	-	-	-	33.2	-	
150.0	45.0	567.8	-	-	-	9.6	-	-	-	-	21.5	-	
150.0	50.0	112.7	-	-	-	6.5	-	-	-	-	6.2	-	
150.0	55.0	672.8	-	-	-	32.3	-	-	-	-	14.4	-	
150.0	60.0	77.5	-	-	-	22.9	-	-	-	-	0.0	-	
150.0	70.0	-	-	-	-	15.8	-	-	-	-	8.6	-	
150.0	80.0	-	-	-	-	17.2	-	-	-	-	12.3	-	
150.0	90.0	-	-	-	-	21.3	-	-	-	-	12.5	-	
150.0	100.0	-	-	-	-	30.9	-	-	-	-	14.6	-	
150.0	110.0	-	-	-	-	89.6	-	-	-	-	15.7	-	
153.0	16.0	-	-	-	-	-	-	-	-	-	-	-	
153.0	20.0	26.0	-	-	-	-	-	-	-	-	-	-	
153.0	25.0	165.9	-	-	-	-	-	-	-	-	-	-	
153.0	25.0	164.0	-	-	-	-	-	-	-	-	-	-	

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0	30.0	118.0	-	-	-	-	-	-	-	-	-	-
153.0	35.0	6.5	-	-	-	-	-	-	-	-	-	-
153.0	40.0	36.6	-	-	-	-	-	-	-	-	-	-
153.0	45.0	75.8	-	-	-	-	-	-	-	-	-	-
153.0	50.0	21.1	-	-	-	-	-	-	-	-	-	-
153.0	55.0	9.4	-	-	-	-	-	-	-	-	-	-
153.0	60.0	20.9	-	-	-	-	-	-	-	-	-	-
157.0	10.0	299.9	-	-	128.5	-	-	-	-	-	170.4	-
157.0	15.0	174.9	-	-	45.5	-	-	-	-	-	39.6	-
157.0	20.0	83.5	-	-	19.1	-	-	-	-	-	117.4	-
157.0	25.0	169.6	-	-	3.1	-	-	-	-	-	127.3	-
157.0	30.0	40.0	-	-	3.0	-	-	-	-	-	163.8	-
157.0	35.0	114.8	-	-	3.0	-	-	-	-	-	143.0	-
157.0	40.0	34.0	-	-	0.0	-	-	-	-	-	62.4	-
157.0	45.0	81.9	-	-	43.3	-	-	-	-	-	184.3	-
157.0	50.0	30.3	-	-	439.8	-	-	-	-	-	160.2	-
157.0	55.0	132.0	-	-	6.0	-	-	-	-	-	12.0	-
157.0	60.0	85.7	-	-	166.1	-	-	-	-	-	9.1	-

Electrona rissoi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	120.0	-	-	3.8	-	-	-	-	-	0.0	-	-
63.0	90.0	-	1.6	-	-	-	0.0	-	-	-	-	-
80.0	51.0	3.1	0.0	0.0	-	-	0.0	-	-	0.0	-	-
83.0	70.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	6.1	-	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	6.4	0.0	-	-	0.0	-	0.0	-	-	-
90.0	70.0	0.0	0.0	3.0	-	-	0.0	-	0.0	-	-	-
90.0	80.0	0.0	0.0	3.2	-	-	0.0	-	0.0	-	-	-
90.0	120.0	-	-	0.0	-	-	-	-	9.7	-	-	-
90.0	140.0	-	-	-	-	-	-	-	-	-	-	-
100.0	29.0	0.0	3.2	-	-	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	3.2	-	-	0.0	-	-	0.0	-	-
107.0	50.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
110.0	60.0	3.1	0.0	-	-	-	0.0	-	-	0.0	-	-
120.0	70.0	0.0	0.0	0.0	-	-	2.9	-	-	0.0	-	-

Gonichthys tenuiculus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	70.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
110.0	70.0	0.0	0.0	-	0.0	-	5.7	-	-	0.0	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-

TABLE 4. (cont.)

STATION	<i>Gonichthys tenuiculus</i> (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0	0.0
120.0	80.0	0.0	0.0	0.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0
123.0	60.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0
130.0	35.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	40.0	6.4	3.2	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0
130.0	60.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	70.0	0.0	0.0	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	80.0	0.0	0.0	82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	30.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	35.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	40.0	10.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	60.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	35.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	40.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	60.0	3.3	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	35.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	45.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	50.0	24.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	50.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	60.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	45.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	60.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	30.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	40.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	45.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	50.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	55.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.0	45.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Hygophum spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0 90.0	-	-	-	-	-	0.0	-	-	-	-	3.1	-
150.0 100.0	-	-	-	-	-	0.0	-	-	-	-	11.6	-

Hygophum atratum

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0 70.0	0.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
110.0 45.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
110.0 60.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	6.1	-	-
120.0 45.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	6.0	-	-
120.0 50.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	9.1	-	-
120.0 60.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	3.1	-	-
120.0 70.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	17.8	-	-
120.0 80.0	0.0	0.0	0.0	-	0.0	-	8.8	-	-	0.0	-	-
123.0 60.0	0.0	0.0	0.0	-	0.0	-	2.8	-	-	-	-	-
127.0 50.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0 60.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
130.0 40.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	2.9	-	-
130.0 50.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-	2.9	-	-
130.0 60.0	0.0	0.0	2.9	-	0.0	-	0.0	-	-	0.0	-	-
130.0 70.0	-	-	-	-	0.0	-	-	-	-	20.9	-	-
130.0 80.0	-	-	-	-	5.9	-	-	-	-	0.0	-	-
130.0 90.0	-	-	-	-	64.5	-	-	-	-	0.0	-	-
133.0 35.0	0.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
133.0 40.0	0.0	6.3	0.0	-	-	-	0.0	-	-	-	-	-
133.0 50.0	0.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
133.0 60.0	0.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
137.0 35.0	3.5	0.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0 40.0	3.2	19.6	0.0	-	-	-	0.0	-	-	-	-	-
137.0 60.0	12.5	0.0	0.0	-	-	-	-	-	-	-	-	-
140.0 30.0	-	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0 35.0	-	0.0	-	-	-	0.0	-	-	-	-	26.8	-
140.0 40.0	-	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0 45.0	-	0.0	-	-	-	11.4	-	-	-	-	5.9	-
140.0 50.0	-	17.8	-	-	-	0.0	-	-	-	-	11.7	-
140.0 55.0	-	3.5	-	-	-	6.3	-	-	-	-	37.3	-
140.0 60.0	-	3.5	-	-	-	0.0	-	-	-	-	2.8	-
140.0 70.0	-	-	-	-	-	0.0	-	-	-	-	8.8	-
140.0 80.0	-	-	-	-	-	2.8	-	-	-	-	8.8	-
140.0 90.0	-	-	-	-	11.2	9.1	-	-	-	-	0.0	-
140.0 100.0	-	-	-	-	3.1	-	-	-	-	-	3.0	-
140.0 120.0	-	-	-	-	26.6	-	-	-	-	-	0.0	-
143.0 35.0	-	3.4	-	-	-	-	-	-	-	-	-	-
143.0 40.0	-	22.5	-	-	-	-	-	-	-	-	-	-
143.0 50.0	-	3.3	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Hygophum atratum (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	55.0	10.0	-	-	-	-	-	-	-	-	-	-
143.0	60.0	10.8	-	-	-	-	-	-	-	-	-	-
147.0	30.0	18.2	-	-	-	-	-	-	-	-	-	-
147.0	35.0	12.6	-	-	-	-	-	-	-	-	-	-
147.0	40.0	17.1	-	-	-	-	-	-	-	-	-	-
147.0	45.0	29.6	-	-	-	-	-	-	-	-	-	-
147.0	50.0	6.2	-	-	-	-	-	-	-	-	-	-
147.0	55.0	3.2	-	-	-	-	-	-	-	-	-	-
147.0	60.0	3.3	-	-	-	-	-	-	-	-	-	-
150.0	19.0	0.0	-	-	0.0	-	-	-	-	-	17.6	-
150.0	25.0	0.0	-	-	24.3	-	-	-	-	-	37.1	-
150.0	30.0	6.7	-	-	0.0	-	-	-	-	-	24.1	-
150.0	35.0	6.9	-	-	0.0	-	-	-	-	-	12.1	-
150.0	40.0	17.1	-	-	3.3	-	-	-	-	-	12.1	-
150.0	45.0	153.6	-	-	9.6	-	-	-	-	-	52.2	-
150.0	50.0	3.2	-	-	13.0	-	-	-	-	-	6.2	-
150.0	55.0	110.4	-	-	9.7	-	-	-	-	-	0.0	-
150.0	60.0	0.0	-	-	3.3	-	-	-	-	-	0.0	-
150.0	80.0	-	-	-	11.5	-	-	-	-	-	0.0	-
150.0	90.0	-	-	-	12.2	-	-	-	-	-	0.0	-
150.0	100.0	-	-	-	6.2	-	-	-	-	-	0.0	-
150.0	110.0	-	-	-	44.8	-	-	-	-	-	0.0	-
153.0	16.0	3.7	-	-	-	-	-	-	-	-	-	-
153.0	20.0	14.1	-	-	-	-	-	-	-	-	-	-
153.0	25.0	17.5	-	-	-	-	-	-	-	-	-	-
153.0	30.0	27.8	-	-	-	-	-	-	-	-	-	-
153.0	35.0	3.2	-	-	-	-	-	-	-	-	-	-
153.0	40.0	6.7	-	-	-	-	-	-	-	-	-	-
153.0	45.0	47.4	-	-	-	-	-	-	-	-	-	-
153.0	50.0	3.0	-	-	-	-	-	-	-	-	-	-
153.0	55.0	6.2	-	-	-	-	-	-	-	-	-	-
153.0	60.0	6.0	-	-	-	-	-	-	-	-	-	-
157.0	10.0	9.6	-	-	2.9	-	-	-	-	-	6.0	-
157.0	15.0	6.4	-	-	0.0	-	-	-	-	-	3.0	-
157.0	20.0	12.8	-	-	3.2	-	-	-	-	-	49.4	-
157.0	25.0	16.0	-	-	0.0	-	-	-	-	-	3.0	-
157.0	30.0	18.5	-	-	0.0	-	-	-	-	-	41.0	-
157.0	35.0	35.1	-	-	0.0	-	-	-	-	-	68.3	-
157.0	40.0	114.3	-	-	3.2	-	-	-	-	-	18.7	-
157.0	45.0	81.9	-	-	6.7	-	-	-	-	-	43.2	-
157.0	50.0	3.0	-	-	64.2	-	-	-	-	-	46.2	-
157.0	55.0	45.0	-	-	3.0	-	-	-	-	-	18.1	-
157.0	60.0	6.1	-	-	78.5	-	-	-	-	-	6.1	-

TABLE 4. (cont.)

Hygophum reinhardtii

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.1	-
87.0	60.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-
87.0	70.0	0.0	9.7	-	-	-	0.0	-	-	-	-	-
90.0	120.0	-	-	3.2	-	-	-	-	0.0	-	-	-
90.0	140.0	-	-	0.0	-	-	-	-	6.4	-	-	-
97.0	60.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
100.0	100.0	-	-	0.0	-	-	-	-	-	2.9	-	-
100.0	120.0	-	-	0.0	-	-	-	-	-	6.0	-	-
130.0	90.0	-	-	0.0	-	-	-	-	-	2.7	-	-
140.0	120.0	-	-	0.0	-	-	-	-	-	-	14.3	-
150.0	70.0	-	-	-	0.0	0.0	-	-	-	-	2.9	-
150.0	110.0	-	-	-	-	0.0	-	-	-	-	6.3	-

Loweina rara

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	120.0	-	-	-	3.1	-	-	-	-	0.0	-	-
150.0	110.0	-	-	-	-	2.8	-	-	-	-	0.0	-

Myctophum aurolateratum

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	30.0	6.1	-	-	-	-	-	-	-	-	-	-
150.0	40.0	13.6	-	-	-	0.0	-	-	-	-	0.0	-
150.0	45.0	10.0	-	-	-	0.0	-	-	-	-	0.0	-
150.0	50.0	3.2	-	-	-	0.0	-	-	-	-	0.0	-
150.0	55.0	3.5	-	-	-	0.0	-	-	-	-	0.0	-
153.0	30.0	6.9	-	-	-	-	-	-	-	-	-	-
153.0	40.0	6.7	-	-	-	-	-	-	-	-	-	-
153.0	45.0	19.0	-	-	-	-	-	-	-	-	-	-
157.0	10.0	3.2	-	-	-	0.0	-	-	-	-	23.9	-
157.0	15.0	3.2	-	-	-	0.0	-	-	-	-	0.0	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	-	30.9	-
157.0	25.0	6.4	-	-	-	0.0	-	-	-	-	0.0	-
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	6.3	-
157.0	35.0	25.5	-	-	-	0.0	-	-	-	-	6.5	-
157.0	40.0	0.0	-	-	-	0.0	-	-	-	-	6.2	-
157.0	45.0	0.0	-	-	-	0.0	-	-	-	-	14.4	-
157.0	50.0	0.0	-	-	-	0.0	-	-	-	-	9.2	-
157.0	55.0	18.0	-	-	-	0.0	-	-	-	-	3.0	-

TABLE 4. (cont.)

<i>Myctophum nitidulum</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.1	-
87.0	70.0	2.9	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	0.0	-	3.2	-	-	-
100.0	90.0	0.0	0.0	0.0	0.0	-	2.8	-	-	0.0	-	-
100.0	100.0	-	-	0.0	0.0	-	-	-	-	8.6	-	-
100.0	120.0	-	-	3.1	-	-	-	-	-	9.0	-	-
100.0	140.0	-	-	0.0	-	-	-	-	-	5.7	-	-
103.0	80.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
127.0	34.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	40.0	6.5	0.0	-	-	-	0.0	-	-	0.0	-	-
130.0	60.0	0.0	0.0	-	0.0	-	0.0	-	-	-	0.0	-
140.0	45.0	0.0	-	-	2.9	-	-	-	-	-	0.0	-
<i>Protomyctophum crockeri</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	0.0	-	-	6.9	-	-	-	-	3.3	-	-
40.0	45.0	18.1	-	-	0.0	-	-	-	-	0.0	-	-
40.0	50.0	73.0	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	27.1	-	-	3.3	-	-	-	-	2.4	-	-
40.0	60.0	8.9	-	-	7.1	-	-	-	-	0.0	-	-
40.0	65.0	9.0	-	-	0.0	-	-	-	-	17.9	-	-
40.0	70.0	-	-	-	0.0	-	-	-	-	2.9	-	-
40.0	80.0	-	-	-	20.9	-	-	-	-	6.0	-	-
40.0	90.0	-	-	-	8.1	-	-	-	-	3.2	2.9	-
40.0	180.0	-	-	-	-	-	-	-	-	-	-	-
43.0	45.0	12.8	-	-	-	-	0.0	-	-	-	-	-
43.0	50.0	25.4	-	-	-	-	12.4	-	-	-	-	-
43.0	60.0	12.2	-	-	-	-	12.7	-	-	-	-	-
43.0	65.0	116.8	-	-	-	-	0.0	-	-	-	-	-
43.0	70.0	13.3	-	-	-	-	3.3	-	-	-	-	-
47.0	50.0	53.8	-	-	-	-	0.0	-	-	-	-	-
47.0	65.0	11.0	-	-	-	-	0.0	-	-	-	-	-
47.0	70.0	70.4	-	-	-	-	0.0	-	-	-	-	-
47.0	80.0	75.2	-	-	-	-	0.0	-	-	-	-	-
50.0	47.0	0.0	-	-	0.0	-	12.8	-	-	-	0.0	-
50.0	50.0	31.0	-	-	0.0	-	12.3	-	-	-	0.0	-
50.0	55.0	27.0	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	60.0	0.0	-	-	5.8	-	11.3	-	-	-	13.5	-
50.0	65.0	48.8	-	-	0.0	-	11.1	-	-	-	6.4	-
50.0	70.0	0.0	-	-	0.0	-	28.3	-	-	-	9.5	-
50.0	80.0	0.0	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	90.0	0.0	-	-	0.0	-	6.2	-	-	-	0.0	-
50.0	100.0	13.5	-	-	0.0	-	3.1	-	-	-	18.4	-
50.0	120.0	-	-	-	3.5	-	-	-	-	-	3.0	-

TABLE 4. (cont.)

STATION	<i>Protomyctophum crockeri</i> (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0			13.3				0.0					
53.0			69.4				46.1					
57.0			0.0				13.4					
60.0		0.0	0.0	0.0			0.0				3.2	
60.0		0.0	1.8	0.0			0.0				3.2	
60.0		9.3	10.0	0.0			13.0				3.0	
60.0		6.7	5.1	0.0			12.7				0.0	
60.0			23.6	0.0			0.0				0.0	
60.0			23.7	6.8			0.0				2.8	
60.0				8.8							6.5	
60.0				3.8					3.1			
63.0		0.0	0.0				11.8					
63.0	5.7	0.0	0.0				0.0					
63.0	6.0	3.3	7.1				0.0					
63.0		6.7	0.0				0.0					
63.0		6.3	19.7				0.0					
63.0			4.7				3.4					
63.0			14.0				0.0					
67.0	0.0	3.3	0.0				13.0					
67.0	2.6	5.7	7.4				0.0					
67.0		3.1	0.0				13.0					
67.0			35.5				15.4					
67.0			34.9				0.0					
70.0	3.1	3.0		0.0			0.0				0.0	
70.0	0.0	0.0	6.8	3.1			0.0				5.4	
70.0	3.2	3.7	3.2	0.0			13.6				0.0	
70.0		7.8	3.0	0.0			0.0				2.7	
70.0	7.5	6.8	1.6	10.3			0.0				7.8	
70.0	7.0	3.5	0.0	3.9			0.0				2.8	
70.0	0.0	3.1	8.1	2.8			0.0				0.0	
70.0	10.6	0.0	1.7				9.0					
73.0	3.5	0.0	0.0									
73.0	13.6	4.1	3.3									
73.0	15.5	3.0	8.1									
73.0	0.0	3.2	23.8									
77.0	0.0	0.0	9.5				0.0					
77.0	0.0	4.2	0.0				0.0					
77.0	3.4	9.8	8.2				0.0					
77.0	3.3	0.0	19.9				0.0					
77.0	0.0	0.0	1.8				0.0					
77.0	0.0	0.0	1.7									
77.0	14.0		2.9									
80.0	11.1	20.8	0.0	0.0			0.0		0.0		0.0	
80.0	0.0	3.4	0.0	0.0			0.0				9.4	
80.0	3.8	3.6	0.0	0.0			13.2				0.0	
80.0	0.0	12.6	12.3	0.0			0.0					

TABLE 4. (cont.)

STATION	<i>Protomyctophum crockeri</i> (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	80.0	0.0	12.9	16.9	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	0.0	26.6	-	-	3.8	-	-	-	0.0	-
83.0	55.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
83.0	60.0	10.5	2.9	-	-	-	0.0	-	-	-	-	-
83.0	70.0	4.5	0.0	-	-	-	7.7	-	-	-	-	-
83.0	75.0	-	-	-	-	-	5.7	-	-	-	-	-
83.0	80.0	3.7	0.0	8.9	-	-	3.0	-	-	-	-	-
83.0	90.0	10.2	6.3	11.8	-	-	5.7	-	-	-	-	-
87.0	35.0	0.0	0.0	6.0	-	-	0.0	-	-	-	-	-
87.0	40.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
87.0	55.0	8.2	3.2	6.8	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	0.0	6.6	-	-	0.0	-	-	-	-	-
87.0	70.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
87.0	80.0	6.9	10.3	12.3	-	-	0.0	-	-	-	-	-
87.0	90.0	-	0.0	18.5	-	-	2.9	-	-	-	-	-
90.0	32.0	0.0	0.0	0.0	-	-	0.0	6.5	-	-	-	-
90.0	37.0	0.0	0.0	3.2	-	-	11.2	2.9	-	-	-	-
90.0	45.0	0.0	0.0	3.2	-	-	0.0	0.0	-	-	-	-
90.0	53.0	14.9	0.0	3.1	-	-	0.0	0.0	-	-	-	-
90.0	60.0	0.0	0.0	2.9	-	-	0.0	5.9	-	-	-	-
90.0	70.0	9.8	6.9	6.4	-	-	3.5	0.0	-	-	-	-
90.0	80.0	0.0	0.0	18.1	-	-	5.8	0.0	-	-	-	-
90.0	90.0	5.1	0.0	3.2	-	-	3.2	3.2	-	-	-	-
90.0	100.0	-	-	-	-	-	-	0.0	-	-	-	-
90.0	120.0	-	-	-	-	-	-	0.0	-	-	-	-
93.0	27.0	4.2	0.0	0.0	-	-	0.0	-	-	-	-	-
93.0	30.0	2.7	0.0	0.0	-	-	11.8	-	-	-	-	-
93.0	35.0	2.9	0.0	0.0	-	-	24.1	-	-	-	-	-
93.0	40.0	0.0	3.1	0.0	-	-	0.0	-	-	-	-	-
93.0	45.0	3.7	6.2	6.2	-	-	0.0	-	-	-	-	-
93.0	50.0	-	17.0	3.2	-	-	0.0	-	-	-	-	-
93.0	55.0	-	0.0	13.3	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	6.3	15.5	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	3.2	0.0	-	-	0.0	-	-	-	-	-
93.0	80.0	6.6	6.8	9.1	-	-	4.3	-	-	-	-	-
93.0	90.0	6.8	0.0	6.7	-	-	3.4	-	-	-	-	-
93.0	100.0	-	0.0	-	-	-	2.9	-	-	-	-	-
93.0	120.0	-	8.2	-	-	-	0.0	-	-	-	-	-
97.0	32.0	4.9	3.0	0.0	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	3.9	-	-	-	0.0	-	-	-	-	-
97.0	45.0	0.0	3.2	-	-	-	10.7	-	-	-	-	-
97.0	50.0	3.1	11.6	0.0	-	-	11.8	-	-	-	-	-
97.0	55.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	2.8	0.0	-	-	0.0	-	-	-	-	-
97.0	80.0	9.1	6.0	8.4	-	-	26.4	-	-	-	-	-
97.0	90.0	6.2	5.4	9.9	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

STATION	<i>Protomyctophum crockeri</i> (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	0.0	3.2	-	6.5	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	3.4	-	3.3	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	0.0	-	3.3	-	0.0	-	-	0.0	-	-
100.0	50.0	2.7	3.0	-	7.3	-	12.9	-	-	11.0	-	-
100.0	60.0	6.7	12.5	-	18.2	-	0.0	-	-	3.0	-	-
100.0	70.0	3.1	22.3	-	18.1	-	0.0	-	-	0.0	-	-
100.0	80.0	6.0	12.1	-	3.3	-	9.0	-	-	0.0	-	-
100.0	90.0	25.4	5.9	-	9.6	-	5.5	-	-	0.0	-	-
100.0	100.0	-	-	-	6.1	-	-	-	-	0.0	-	-
100.0	120.0	-	-	-	30.8	-	-	-	-	0.0	-	-
100.0	140.0	-	-	-	5.9	-	-	-	-	5.7	-	-
103.0	35.0	6.9	7.4	-	-	-	-	-	-	-	-	-
103.0	45.0	3.1	0.0	-	-	-	10.8	-	-	-	-	-
103.0	50.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
103.0	55.0	-	-	-	-	-	-	-	-	-	-	-
103.0	60.0	25.5	14.8	-	-	-	0.0	-	-	-	-	-
103.0	70.0	2.9	25.7	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	19.3	-	-	-	11.6	-	-	-	-	-
107.0	32.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	0.0	3.6	-	-	-	0.0	-	-	-	-	-
107.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	50.0	3.1	3.3	-	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	6.5	-	-	-	0.0	-	-	-	-	-
107.0	70.0	2.9	16.5	-	-	-	0.0	-	-	-	-	-
107.0	80.0	0.0	6.1	-	-	-	5.8	-	-	-	-	-
110.0	35.0	-	3.3	-	3.0	-	0.0	-	-	0.0	-	-
110.0	36.0	9.8	-	-	-	-	-	-	-	0.0	-	-
110.0	40.0	0.0	0.0	-	7.6	-	0.0	-	-	0.0	-	-
110.0	45.0	3.0	0.0	-	6.7	-	0.0	-	-	0.0	-	-
110.0	50.0	0.0	3.1	-	0.0	-	0.0	-	-	0.0	-	-
110.0	55.0	0.0	3.6	-	12.6	-	0.0	-	-	3.2	-	-
110.0	60.0	6.2	6.7	-	3.3	-	0.0	-	-	6.1	-	-
110.0	70.0	0.0	12.2	-	8.9	-	5.7	-	-	0.0	-	-
110.0	80.0	3.2	0.0	-	0.0	-	0.0	-	-	0.0	-	-
113.0	40.0	3.1	3.2	-	-	-	0.0	-	-	-	-	-
113.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	60.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	70.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	28.7	-	-	-	0.0	-	-	-	-	-
117.0	40.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
117.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	60.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
117.0	80.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
120.0	45.0	0.0	6.1	-	-	-	12.1	-	-	-	-	-
120.0	50.0	3.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
120.0	60.0	3.1	0.0	-	0.0	-	0.0	-	-	9.1	-	-
120.0	60.0	3.1	0.0	-	0.0	-	0.0	-	-	3.1	-	-

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	70.0	0.0	14.1	-	2.9	-	2.9	-	-	0.0	-	-
120.0	80.0	6.3	10.0	-	14.1	-	0.0	-	-	6.1	-	-
123.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
123.0	60.0	0.0	6.1	-	-	-	2.8	-	-	-	-	-
127.0	50.0	0.0	0.0	-	-	-	11.6	-	-	-	-	-
127.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	60.0	3.3	0.0	-	3.0	-	0.0	-	-	0.0	-	-
130.0	40.0	0.0	0.0	-	0.0	-	5.3	-	-	0.0	-	-
130.0	80.0	0.0	0.0	-	0.0	-	-	-	-	11.9	-	-
130.0	80.0	0.0	-	-	5.9	-	-	-	-	0.0	-	-
130.0	90.0	-	0.0	-	2.8	-	0.0	-	-	-	3.0	-
133.0	50.0	0.0	-	-	3.0	-	-	-	-	-	0.0	-
140.0	90.0	-	-	-	-	-	-	-	-	-	-	-
140.0	120.0	-	-	-	-	-	-	-	-	-	-	-

Protomyctophum thompsoni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	0.0	-	-	3.5	-	-	-	-	0.0	-	-
40.0	45.0	36.2	-	-	0.0	-	-	-	-	0.0	-	-
40.0	50.0	14.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	13.6	-	-	0.0	-	-	-	-	2.4	-	-
40.0	60.0	0.0	-	-	7.1	-	-	-	-	0.0	-	-
40.0	65.0	0.0	-	-	0.9	-	-	-	-	3.6	-	-
40.0	80.0	-	-	-	3.5	-	-	-	-	0.0	-	-
40.0	100.0	-	-	-	-	-	-	-	-	3.3	-	-
43.0	65.0	35.0	-	-	-	-	0.0	-	-	-	-	-
47.0	80.0	30.1	-	-	-	-	0.0	-	-	-	0.0	-
50.0	55.0	13.5	-	-	0.0	-	0.0	-	-	-	0.0	-
50.0	100.0	-	-	-	3.5	-	-	-	-	-	0.0	-
60.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.2	-

Symbolophorus californiensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	80.0	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
50.0	120.0	-	-	-	0.0	-	-	-	-	-	6.0	-
60.0	100.0	-	-	8.8	-	-	-	-	-	-	0.0	-
63.0	90.0	-	0.0	-	-	-	65.4	-	-	-	-	-
67.0	80.0	-	1.6	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	35.6	-	-	-	0.0	-	-	-	-	-
70.0	90.0	0.0	0.0	2.8	-	-	0.0	-	-	-	0.0	-
73.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
73.0	70.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
80.0	60.0	0.0	3.2	0.0	-	-	0.0	-	-	-	3.1	-

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	90.0	0.0	0.0	0.0	-	-	41.8	-	-	-	6.2	-
83.0	60.0	0.0	0.0	-	-	-	12.9	-	-	-	-	-
83.0	70.0	0.0	0.0	-	-	-	102.4	-	-	-	-	-
83.0	75.0	-	-	-	-	-	11.5	-	-	-	-	-
83.0	80.0	0.0	0.0	-	-	-	42.7	-	-	-	-	-
83.0	90.0	0.0	0.0	-	-	-	25.7	-	-	-	-	-
87.0	70.0	0.0	0.0	-	-	-	14.8	-	-	-	-	-
87.0	80.0	5.2	12.3	-	-	-	2.7	-	-	-	-	-
87.0	90.0	0.0	9.3	-	-	-	23.4	-	-	-	-	-
90.0	60.0	0.0	0.0	3.0	-	-	0.0	-	-	-	-	-
90.0	70.0	0.0	6.4	3.0	-	-	0.0	0.0	0.0	-	-	-
90.0	80.0	0.0	0.0	18.1	-	-	0.0	3.3	3.3	-	-	-
90.0	90.0	0.0	88.2	0.0	-	-	0.0	0.0	0.0	-	-	-
90.0	120.0	5.1	-	113.4	-	-	-	9.6	9.6	-	-	-
90.0	140.0	-	-	6.4	-	-	-	0.0	0.0	-	-	-
93.0	45.0	6.2	0.0	-	-	-	0.0	-	-	-	-	-
93.0	50.0	4.3	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	9.3	-	-	-	0.0	-	-	-	-	-
93.0	80.0	13.3	0.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	10.1	-	-	-	0.0	-	-	-	-	-
93.0	100.0	8.6	-	-	-	-	37.3	-	-	-	-	-
93.0	120.0	0.0	-	-	-	-	2.9	-	-	-	-	-
97.0	50.0	3.0	0.0	-	-	-	23.5	-	-	-	-	-
97.0	55.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	70.0	3.9	0.0	-	-	-	3.0	-	-	-	-	-
97.0	90.0	3.1	0.0	-	-	-	8.1	-	-	-	-	-
100.0	30.0	0.0	46.3	-	-	-	0.0	-	-	0.0	-	-
100.0	50.0	3.2	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	60.0	13.4	3.1	-	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	3.0	-	-	-	11.7	-	-	0.0	-	-
100.0	90.0	3.2	26.4	-	-	-	15.1	-	-	0.0	-	-
100.0	100.0	-	-	-	-	-	0.0	-	-	15.3	-	-
100.0	120.0	-	-	-	-	-	-	-	-	2.9	-	-
100.0	140.0	-	-	-	-	-	-	-	-	0.0	-	-
103.0	45.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
103.0	55.0	2.8	-	-	-	-	-	-	-	0.0	-	-
103.0	60.0	0.0	5.9	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	12.8	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	16.1	-	-	-	0.0	-	-	-	-	-
107.0	40.0	2.6	0.0	-	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
107.0	80.0	5.9	0.0	-	-	-	0.0	-	-	-	-	-
110.0	40.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Symbolophorus californiensis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	45.0	0.0	0.0	-	3.4	-	0.0	-	-	0.0	-	-
110.0	50.0	0.0	6.2	-	0.0	-	0.0	-	-	0.0	-	-
110.0	60.0	3.1	0.0	-	0.0	-	5.6	-	-	0.0	-	-
110.0	70.0	0.0	3.1	-	0.0	-	0.0	-	-	0.0	-	-
110.0	80.0	0.0	3.2	-	0.0	-	5.7	-	-	3.2	-	-
113.0	60.0	0.0	0.0	-	-	-	5.1	-	-	-	-	-
113.0	80.0	0.0	3.2	-	-	-	2.7	-	-	-	-	-
117.0	70.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
118.0	39.0	0.0	0.0	-	-	-	12.6	-	-	-	-	-
120.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
120.0	80.0	0.0	0.0	-	2.8	-	0.0	-	-	0.0	-	-

Tarletonbeania crenularis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	-	-	-	-	-	-	-	-	26.3	-	-
40.0	45.0	10.2	-	-	10.4	-	12.4	-	-	13.5	-	-
40.0	50.0	108.7	-	-	0.0	-	0.0	-	-	15.7	-	-
40.0	55.0	116.8	-	-	0.0	-	0.0	-	-	21.5	-	-
40.0	60.0	284.8	-	-	32.6	-	-	-	-	14.5	-	-
40.0	65.0	186.5	-	-	10.7	-	-	-	-	28.6	-	-
40.0	70.0	72.0	-	-	0.0	-	-	-	-	70.6	-	-
40.0	80.0	-	-	-	4.6	-	-	-	-	51.3	-	-
40.0	90.0	-	-	-	59.2	-	-	-	-	3.2	-	-
40.0	100.0	-	-	-	24.4	-	-	-	-	10.1	-	-
43.0	45.0	-	-	-	-	-	13.2	-	-	-	-	-
43.0	50.0	38.5	-	-	-	-	12.4	-	-	-	-	-
43.0	55.0	139.5	-	-	-	-	0.0	-	-	-	-	-
43.0	60.0	40.3	-	-	-	-	0.0	-	-	-	-	-
43.0	65.0	134.6	-	-	-	-	3.3	-	-	-	-	-
43.0	70.0	198.6	-	-	-	-	42.4	-	-	-	-	-
47.0	50.0	212.5	-	-	-	-	0.0	-	-	-	-	-
47.0	55.0	204.4	-	-	-	-	12.1	-	-	-	-	-
47.0	60.0	80.9	-	-	-	-	12.0	-	-	-	-	-
47.0	65.0	45.9	-	-	-	-	23.8	-	-	-	-	-
47.0	70.0	110.4	-	-	-	-	19.3	-	-	-	-	-
47.0	80.0	211.2	-	-	-	-	0.0	-	-	-	-	-
50.0	47.0	391.0	-	-	-	-	0.0	-	-	-	5.9	-
50.0	50.0	0.0	-	-	3.0	-	0.0	-	-	-	17.7	-
50.0	55.0	0.0	-	-	0.0	-	0.0	-	-	-	32.4	-
50.0	60.0	40.4	-	-	0.0	-	22.2	-	-	-	41.3	-
50.0	65.0	65.4	-	-	8.8	-	0.0	-	-	-	22.1	-
50.0	70.0	61.2	-	-	0.0	-	0.0	-	-	-	42.0	-
50.0	80.0	73.2	-	-	0.0	-	0.0	-	-	-	2.9	-
50.0	90.0	37.2	-	-	3.0	-	6.1	-	-	-	59.6	-
50.0	90.0	0.0	-	-	0.0	-	-	-	-	-	-	-

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	100.0	-	-	-	0.0	-	-	-	-	-	12.3	-
50.0	120.0	-	-	-	3.2	-	-	-	-	-	3.0	-
53.0	52.0	-	13.9	-	-	-	0.0	-	-	-	-	-
53.0	60.0	-	0.0	-	-	-	39.2	-	-	-	-	-
53.0	65.0	-	15.2	-	-	-	33.5	-	-	-	-	-
53.0	70.0	-	0.0	-	-	-	28.4	-	-	-	-	-
53.0	80.0	-	23.1	-	-	-	11.5	-	-	-	-	-
53.0	90.0	-	-	-	-	-	3.1	-	-	-	-	-
57.0	51.0	-	27.4	-	-	-	-	-	-	-	-	-
57.0	55.0	-	12.1	-	-	-	0.0	-	-	-	-	-
57.0	60.0	-	0.0	-	-	-	72.4	-	-	-	-	-
57.0	65.0	-	16.7	-	-	-	0.0	-	-	-	-	-
57.0	70.0	-	14.7	-	-	-	13.0	-	-	-	-	-
57.0	80.0	-	50.7	-	-	-	37.0	-	-	-	-	-
57.0	90.0	-	-	-	-	-	2.9	-	-	-	-	-
60.0	55.0	-	0.0	-	-	-	0.0	-	-	-	19.7	-
60.0	60.0	-	69.6	-	-	-	3.9	-	-	-	73.6	-
60.0	65.0	-	24.0	-	-	-	4.1	-	-	-	23.7	-
60.0	70.0	-	29.8	-	-	-	0.0	-	-	-	13.3	-
60.0	80.0	-	56.9	-	-	-	0.0	-	-	-	16.6	-
60.0	90.0	-	34.3	-	-	-	13.6	-	-	-	5.6	-
60.0	100.0	-	-	-	-	-	2.9	-	-	-	6.5	-
60.0	120.0	-	-	-	-	-	0.0	-	-	15.3	-	-
63.0	55.0	-	3.4	-	-	-	14.1	-	-	-	-	-
63.0	60.0	-	44.8	-	-	-	38.0	-	-	-	-	-
63.0	65.0	-	9.0	-	-	-	37.6	-	-	-	-	-
63.0	70.0	-	34.1	-	-	-	24.7	-	-	-	-	-
63.0	80.0	-	10.8	-	-	-	11.8	-	-	-	-	-
63.0	90.0	-	9.4	-	-	-	3.4	-	-	-	-	-
67.0	48.0	-	0.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	-	1.7	-	-	-	48.3	-	-	-	-	-
67.0	55.0	-	81.3	-	-	-	77.8	-	-	-	-	-
67.0	60.0	-	52.4	-	-	-	0.0	-	-	-	-	-
67.0	65.0	-	4.9	-	-	-	13.6	-	-	-	-	-
67.0	70.0	-	17.2	-	-	-	13.3	-	-	-	-	-
67.0	80.0	-	4.8	-	-	-	38.9	-	-	-	-	-
67.0	90.0	-	14.5	-	-	-	15.4	-	-	-	-	-
70.0	51.0	-	-	-	-	-	0.0	-	-	-	0.0	-
70.0	53.0	-	36.3	-	-	-	0.0	-	-	-	18.9	-
70.0	60.0	-	45.8	-	-	-	0.0	-	-	-	20.2	-
70.0	65.0	-	71.3	-	-	-	0.0	-	-	-	32.8	-
70.0	70.0	-	129.6	-	-	-	7.7	-	-	-	5.2	-
70.0	70.0	-	27.4	-	-	-	38.0	-	-	-	2.8	-
70.0	80.0	-	6.9	-	-	-	11.7	-	-	-	5.5	-
70.0	90.0	-	24.8	-	-	-	8.2	-	-	-	-	-
73.0	50.0	-	37.0	-	-	-	0.0	-	-	-	-	-
73.0	53.0	-	55.7	-	-	-	24.0	-	-	-	-	-

TABLE 4. (cont.)

STATION	<i>Tarletonbeania crenularis</i> (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	60.0	88.0	58.3	71.9	-	-	72.0	-	-	-	-	-
73.0	65.0	63.5	57.2	16.9	-	-	-	-	-	-	-	-
73.0	70.0	64.8	37.3	44.9	-	-	-	-	-	-	-	-
73.0	80.0	104.8	0.0	73.7	-	-	-	-	-	-	-	-
73.0	90.0	3.7	9.7	26.8	-	-	0.0	-	-	-	-	-
77.0	48.0	0.0	19.9	37.3	-	-	16.9	-	-	-	-	-
77.0	51.0	21.7	48.0	46.1	-	-	11.6	-	-	-	-	-
77.0	55.0	3.4	20.8	28.3	-	-	0.0	-	-	-	-	-
77.0	60.0	20.5	19.7	46.1	-	-	0.0	-	-	-	-	-
77.0	65.0	23.2	22.2	92.2	-	-	12.9	-	-	-	-	-
77.0	70.0	110.2	18.2	22.8	-	-	0.0	-	-	-	-	-
77.0	80.0	94.2	34.0	58.6	-	-	-	-	-	-	-	-
77.0	90.0	38.5	-	24.1	-	-	-	-	-	-	-	-
80.0	51.0	0.0	3.1	7.7	-	-	0.0	-	-	-	-	-
80.0	52.0	25.8	48.4	3.3	-	-	0.0	-	-	-	-	-
80.0	55.0	0.0	0.0	24.4	-	-	16.5	-	-	-	-	-
80.0	60.0	120.6	18.2	107.4	-	-	3.6	-	-	-	-	-
80.0	70.0	7.5	66.2	40.0	-	-	11.5	-	-	-	-	-
80.0	80.0	6.6	6.8	35.5	-	-	0.0	-	-	-	-	-
80.0	90.0	28.2	41.0	55.1	-	-	0.0	-	-	-	-	-
82.0	47.0	0.0	0.0	9.5	-	-	0.0	-	-	-	-	-
83.0	40.0	0.0	1.7	0.0	-	-	0.0	-	-	-	-	-
83.0	43.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
83.0	51.0	0.0	0.0	3.0	-	-	0.0	-	-	-	-	-
83.0	55.0	0.0	6.5	20.7	-	-	0.0	-	-	-	-	-
83.0	60.0	7.0	10.4	17.4	-	-	0.0	-	-	-	-	-
83.0	70.0	13.6	6.9	31.3	-	-	0.0	-	-	-	-	-
83.0	80.0	11.1	54.6	71.3	-	-	0.0	-	-	-	-	-
83.0	90.0	20.5	9.5	38.5	-	-	10.8	-	-	-	-	-
87.0	35.0	-	0.0	0.0	-	-	-	-	-	-	-	-
87.0	50.0	5.4	0.0	0.0	-	-	0.0	-	-	-	-	-
87.0	55.0	41.2	6.4	23.7	-	-	0.0	-	-	-	-	-
87.0	60.0	15.4	10.7	3.3	-	-	11.3	-	-	-	-	-
87.0	70.0	-	2.9	0.0	-	-	3.0	-	-	-	-	-
87.0	80.0	0.0	18.1	15.3	-	-	0.0	-	-	-	-	-
87.0	90.0	-	3.1	12.4	-	-	0.0	-	-	-	-	-
90.0	37.0	0.0	3.7	0.0	-	-	0.0	-	-	-	-	-
90.0	45.0	3.2	7.0	12.7	-	-	0.0	-	-	-	-	-
90.0	53.0	27.3	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	9.5	2.9	-	-	0.0	-	-	-	-	-
90.0	70.0	0.0	6.9	12.9	-	-	3.5	-	-	-	-	-
90.0	80.0	2.9	0.0	15.1	-	-	2.9	-	-	-	-	-
90.0	90.0	5.1	3.3	0.0	-	-	0.0	-	-	-	-	-
90.0	120.0	-	-	-	-	-	6.5	-	-	-	-	-
90.0	140.0	-	-	-	-	-	3.2	-	-	-	-	-
93.0	30.0	0.0	-	3.1	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	40.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	45.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	55.0	0.0	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	0.0	0.0
93.0	60.0	5.3	3.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	70.0	0.0	2.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	80.0	0.0	3.4	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	90.0	0.0	3.2	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	32.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	35.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	40.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	55.0	6.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	60.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	70.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	80.0	0.0	6.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	90.0	3.1	2.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	30.0	0.0	3.2	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	50.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	60.0	3.4	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	70.0	0.0	0.0	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	80.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	90.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	35.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	40.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	45.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	50.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	55.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	50.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Synodus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
90.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0
120.0	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0
120.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.9	0.0	0.0
120.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	107.5	0.0	0.0
120.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	253.8	0.0	0.0
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
150.0	25.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	12.4	0.0
150.0	30.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

<i>Bregmaceros</i> spp.												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	35.0	0.0	0.0	0.0	0.0	-	0.0	-	-	3.1	-	-
130.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	5.8	-	-
140.0	30.0	0.0	-	-	-	0.0	-	-	-	-	11.7	-
140.0	35.0	0.0	-	-	-	0.0	-	-	-	-	68.5	-
140.0	45.0	0.0	-	-	-	0.0	-	-	-	-	14.8	-
140.0	50.0	0.0	-	-	-	0.0	-	-	-	-	14.7	-
140.0	55.0	0.0	-	-	-	0.0	-	-	-	-	5.7	-
140.0	60.0	0.0	-	-	-	0.0	-	-	-	-	2.8	-
150.0	19.0	0.0	-	-	-	10.6	-	-	-	-	2.9	-
150.0	25.0	0.0	-	-	-	10.4	-	-	-	-	0.0	-
150.0	45.0	20.0	-	-	-	0.0	-	-	-	-	0.0	-
150.0	55.0	3.5	-	-	-	0.0	-	-	-	-	0.0	-
150.0	60.0	3.2	-	-	-	0.0	-	-	-	-	0.0	-
150.0	110.0	-	-	-	-	0.0	-	-	-	-	3.1	-
153.0	20.0	7.1	-	-	-	-	-	-	-	-	-	-
153.0	25.0	3.5	-	-	-	-	-	-	-	-	-	-
153.0	30.0	3.5	-	-	-	-	-	-	-	-	-	-
153.0	35.0	3.2	-	-	-	-	-	-	-	-	-	-
157.0	10.0	28.7	-	-	-	0.0	-	-	-	-	-	-
157.0	15.0	47.7	-	-	-	0.0	-	-	-	-	38.9	-
157.0	20.0	0.0	-	-	-	60.4	-	-	-	-	3.0	-
157.0	25.0	0.0	-	-	-	0.0	-	-	-	-	21.6	-
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	11.8	-
157.0	35.0	6.4	-	-	-	0.0	-	-	-	-	12.6	-
157.0	40.0	6.2	-	-	-	0.0	-	-	-	-	13.0	-
157.0	45.0	0.0	-	-	-	0.0	-	-	-	-	9.4	-
157.0	50.0	0.0	-	-	-	3.2	-	-	-	-	8.6	-
157.0	55.0	15.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	60.0	6.1	-	-	-	6.0	-	-	-	-	0.0	-

Gadidae												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	0.0	-	-	6.1	-	-	-	-	0.0	-	-

<i>Microgadus proximus</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	1.6	0.0	46.3	-	-	0.0	-	-	-	0.0	-
60.0	52.0	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
63.0	50.0	0.0	20.6	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Merluccius productus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
67.0	50.0	0.0	0.0	-	-	-	12.1	-	-	-	-	-
67.0	60.0	0.0	9.0	-	-	-	0.0	-	-	-	-	-
67.0	65.0	0.0	7.0	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	13.9	-	-	-	0.0	-	-	-	-	-
70.0	51.0	14.9	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	154.8	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	60.0	893.0	72.7	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	439.9	126.8	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	47.0	8.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	0.0	3.9	-	-	0.0	-	-	-	0.0	-
70.0	90.0	6.4	24.8	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	1086.8	1.4	-	-	-	0.0	-	-	-	-	-
73.0	53.0	81.6	53.5	-	-	-	0.0	-	-	-	-	-
73.0	60.0	2397.7	23.0	-	-	-	0.0	-	-	-	-	-
73.0	65.0	550.1	127.2	-	-	-	-	-	-	-	-	-
73.0	70.0	41.4	1731.0	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	153.6	-	-	-	-	-	-	-	-	-
73.0	90.0	3.7	42.0	-	-	-	-	-	-	-	-	-
77.0	48.0	1397.0	74.6	-	-	-	0.0	-	-	-	-	-
77.0	51.0	19592.2	20.6	-	-	-	0.0	-	-	-	-	-
77.0	55.0	1419.3	189.3	-	-	-	0.0	-	-	-	-	-
77.0	60.0	42.6	1171.7	-	-	-	0.0	-	-	-	-	-
77.0	65.0	5896.2	1951.0	-	-	-	0.0	-	-	-	-	-
77.0	70.0	308.7	1482.9	-	-	-	0.0	-	-	-	-	-
77.0	80.0	60.5	16.5	-	-	-	-	-	-	-	-	-
77.0	90.0	-	2.9	-	-	-	-	-	-	2.2	-	-
80.0	51.0	18.8	12.9	21.2	-	-	0.0	-	-	0.0	-	-
80.0	52.0	62.3	23.2	6.2	-	-	0.0	-	-	0.0	-	-
80.0	55.0	13.4	15.3	6.6	-	-	0.0	-	-	0.0	-	-
80.0	60.0	0.0	284.4	3.6	-	-	0.0	-	-	0.0	-	-
80.0	70.0	34.7	67.8	3.6	-	-	0.0	-	-	0.0	-	-
80.0	80.0	3.4	45.2	0.0	-	-	0.0	-	-	0.0	-	-
80.0	90.0	20.5	61.2	6.7	-	-	0.0	-	-	0.0	-	-
82.0	47.0	23.8	63.2	-	-	-	0.0	-	-	-	-	-
83.0	40.0	13.5	0.0	-	-	-	0.0	-	-	-	-	-
83.0	43.0	465.8	-	-	-	-	0.0	-	-	-	-	-
83.0	51.0	68.4	14.8	-	-	-	0.0	-	-	-	-	-
83.0	55.0	1943.0	112.5	-	-	-	0.0	-	-	-	-	-
83.0	60.0	1589.3	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	329.3	253.5	-	-	-	0.0	-	-	-	-	-
83.0	80.0	11.1	17.8	-	-	-	0.0	-	-	-	-	-
83.0	90.0	324.5	0.0	-	-	-	0.0	-	-	-	-	-
87.0	33.0	1.9	8.4	-	-	-	0.0	-	-	-	-	-
87.0	35.0	15.6	12.0	-	-	-	0.0	-	-	-	-	-
87.0	40.0	15.9	-	-	-	-	0.0	-	-	-	-	-
		17.7	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

STATION	<i>Merluccius productus</i> (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	45.0	0.0	84.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	13.2	15.9	-	-	-	0.0	-	-	-	-	-
87.0	55.0	3296.7	118.7	-	-	-	0.0	-	-	-	-	-
87.0	60.0	6314.1	13.2	-	-	-	0.0	-	-	-	-	-
87.0	70.0	43.7	0.0	-	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
90.0	32.0	0.0	0.0	0.0	-	-	0.0	0.0	-	-	-	-
90.0	37.0	345.0	32.3	0.0	-	-	0.0	2.9	-	-	-	-
90.0	45.0	254.0	532.6	2.6	-	-	0.0	0.0	-	-	-	-
90.0	53.0	56.0	167.4	0.0	-	-	0.0	0.0	-	-	-	-
90.0	60.0	2.7	11.6	3.0	-	-	0.0	0.0	-	-	-	-
90.0	70.0	552.2	29.0	0.0	-	-	0.0	0.0	-	-	-	-
90.0	80.0	4.6	2107.0	60.4	-	-	0.0	0.0	-	-	-	-
90.0	90.0	3.3	37.8	20.6	-	-	0.0	0.0	-	-	-	-
90.0	120.0	-	-	3.2	-	-	-	0.0	-	-	-	-
93.0	30.0	2.7	0.0	3.1	-	-	0.0	-	-	-	-	-
93.0	35.0	0.0	6.1	6.3	-	-	0.0	-	-	-	-	-
93.0	40.0	8.5	6.3	25.2	-	-	0.0	-	-	-	-	-
93.0	45.0	160.4	34.2	3.1	-	-	0.0	-	-	-	-	-
93.0	50.0	-	4.3	0.0	-	-	0.0	-	-	-	-	-
93.0	55.0	-	339.1	23.3	-	-	0.0	-	-	-	-	-
93.0	60.0	68.4	50.2	6.2	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	108.4	14.9	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	219.7	48.3	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	330.5	631.7	-	-	0.0	-	-	-	-	-
97.0	29.0	0.0	15.7	8.4	-	-	-	-	-	-	-	-
97.0	30.0	0.0	0.0	38.2	-	-	-	-	-	-	-	-
97.0	32.0	0.0	9.0	11.5	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	204.4	190.1	-	-	0.0	-	-	-	-	-
97.0	40.0	0.0	196.0	46.6	-	-	0.0	-	-	-	-	-
97.0	45.0	0.0	7.7	9.5	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	11.9	40.4	-	-	0.0	-	-	-	-	-
97.0	55.0	50.0	984.9	17.2	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	2.8	11.2	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	535.6	42.4	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	1545.8	19.3	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	29.8	215.1	-	-	0.0	-	-	-	-	-
100.0	29.0	5.6	0.0	22.3	-	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	9.5	17.0	-	-	0.0	-	-	0.0	-	-
100.0	35.0	0.0	0.0	20.5	-	-	0.0	-	-	0.0	-	-
100.0	40.0	3.8	6.9	0.0	-	-	0.0	-	-	0.0	-	-
100.0	50.0	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	107.8	0.0	0.0	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	268.0	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	24.2	-	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	35.2	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

STATION	<i>Merluccius productus</i> (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	29.0	0.0	2.8	-	-	-	-	-	-	-	-	-
103.0	30.0	2.0	32.3	-	-	-	-	-	-	-	-	-
103.0	35.0	38.0	7.4	-	-	-	-	-	-	-	-	-
103.0	40.0	11.9	6.8	-	-	-	-	-	-	-	-	-
103.0	45.0	32.2	12.5	-	-	-	0.0	-	-	-	-	-
103.0	50.0	6.1	0.0	-	-	-	0.0	-	-	-	-	-
103.0	60.0	0.0	5.9	-	-	-	0.0	-	-	-	-	-
103.0	70.0	0.0	35.3	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	19.3	-	-	-	0.0	-	-	-	-	-
107.0	31.0	7.2	2.8	-	-	-	0.0	-	-	-	-	-
107.0	32.0	16.0	6.9	-	-	-	0.0	-	-	-	-	-
107.0	35.0	780.8	14.3	-	-	-	0.0	-	-	-	-	-
107.0	40.0	330.0	42.1	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	7.0	-	-	-	0.0	-	-	0.0	-	-
110.0	35.0	3.3	0.0	-	-	-	0.0	-	-	0.0	-	-
110.0	36.0	-	-	-	-	-	-	-	-	-	-	-
110.0	40.0	13.0	0.0	-	-	-	0.0	-	-	0.0	-	-
110.0	45.0	6.5	0.0	-	-	-	0.0	-	-	0.0	-	-
113.0	30.0	2.8	0.0	-	-	-	0.0	-	-	0.0	-	-
113.0	35.0	0.0	56.4	-	-	-	0.0	-	-	0.0	-	-
113.0	40.0	6.2	25.4	-	-	-	0.0	-	-	0.0	-	-
113.0	45.0	0.0	26.3	-	-	-	0.0	-	-	0.0	-	-
113.0	50.0	0.0	22.8	-	-	-	0.0	-	-	0.0	-	-
117.0	30.0	0.0	21.4	-	-	-	0.0	-	-	0.0	-	-
117.0	35.0	5.8	12.5	-	-	-	0.0	-	-	0.0	-	-
117.0	40.0	0.0	8.3	-	-	-	0.0	-	-	0.0	-	-
118.0	39.0	0.0	9.1	-	-	-	0.0	-	-	0.0	-	-
119.0	33.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
120.0	30.0	0.0	2.9	-	-	-	9.2	-	-	0.0	-	-
120.0	45.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
123.0	37.0	0.0	3.1	-	-	-	0.0	-	-	0.0	-	-
127.0	45.0	6.0	0.0	-	-	-	0.0	-	-	0.0	-	-
127.0	60.0	0.0	3.2	-	-	-	0.0	-	-	0.0	-	-
130.0	28.0	18.2	0.0	-	-	-	0.0	-	-	0.0	-	-
130.0	30.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
130.0	35.0	15.3	98.9	-	-	-	0.0	-	-	0.0	-	-
130.0	40.0	6.2	183.0	-	-	-	0.0	-	-	0.0	-	-
130.0	50.0	0.0	26.4	-	-	-	0.0	-	-	0.0	-	-
133.0	25.0	2.5	0.0	-	-	-	0.0	-	-	0.0	-	-
133.0	30.0	3.2	30.9	-	-	-	0.0	-	-	0.0	-	-
133.0	35.0	67.0	44.7	-	-	-	0.0	-	-	0.0	-	-
133.0	40.0	94.9	0.0	-	-	-	0.0	-	-	0.0	-	-
133.0	50.0	0.0	9.8	-	-	-	0.0	-	-	0.0	-	-
137.0	22.0	0.0	5.2	-	-	-	0.0	-	-	0.0	-	-
137.0	23.0	0.0	2.5	-	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	35.0	0.0	18.6	0.0	-	0.0	0.0	-	-	-	-	-
140.0	30.0	-	221.5	-	-	0.0	-	-	-	-	0.0	-
140.0	35.0	-	6.4	-	-	0.0	-	-	-	-	0.0	-
140.0	40.0	-	6.8	-	-	0.0	-	-	-	-	0.0	-
143.0	30.0	-	6.6	-	-	-	-	-	-	-	-	-

Moridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	19.0	-	6.8	-	-	0.0	-	-	-	-	0.0	-
150.0	45.0	-	6.7	-	-	0.0	-	-	-	-	0.0	-
150.0	55.0	-	3.5	-	-	0.0	-	-	-	-	0.0	-
150.0	60.0	-	9.7	-	-	0.0	-	-	-	-	0.0	-
153.0	16.0	-	3.7	-	-	-	-	-	-	-	-	-
153.0	30.0	-	3.5	-	-	-	-	-	-	-	-	-
153.0	45.0	-	9.5	-	-	-	-	-	-	-	-	-
157.0	10.0	-	0.0	-	-	5.8	-	-	-	-	0.0	-
157.0	30.0	-	0.0	-	-	5.9	-	-	-	-	0.0	-
157.0	40.0	-	3.1	-	-	0.0	-	-	-	-	0.0	-
157.0	50.0	-	0.0	-	-	9.6	-	-	-	-	0.0	-
157.0	55.0	-	3.0	-	-	0.0	-	-	-	-	3.0	-
157.0	60.0	-	12.2	-	-	0.0	-	-	-	-	0.0	-

Physiculus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-

Macrouridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	65.0	-	11.7	-	-	-	0.0	-	-	-	-	-
50.0	50.0	-	15.5	-	0.0	-	0.0	-	-	-	0.0	-
50.0	60.0	-	0.0	-	0.0	-	0.0	-	-	-	3.2	-
70.0	60.0	-	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	3.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	1.5	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
73.0	60.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
73.0	70.0	0.0	0.0	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	0.0	-	-	-	-	-	-	-	-	-
77.0	70.0	0.0	6.6	-	-	-	-	-	-	-	-	-
80.0	52.0	0.0	1.8	-	-	-	0.0	-	-	-	-	-
80.0	70.0	0.0	0.0	3.1	-	-	0.0	-	-	0.0	-	-
80.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	70.0	0.0	3.2	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Macrouridae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	35.0	3.3	0.0	-	0.0	-	0.0	-	-	0.0	-	-
150.0	30.0	0.0	-	-	3.4	-	-	-	-	-	0.0	-
157.0	15.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-

Ophidiiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	0.0	0.0	-	-	-	21.4	-	-	-	-	-
73.0	53.0	0.0	0.0	-	-	-	36.0	-	-	-	-	-
120.0	25.0	0.0	0.0	-	0.0	-	0.0	-	-	15.8	-	-
120.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	5.0	-	-
120.0	35.0	0.0	0.0	-	0.0	-	0.0	-	-	5.4	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	14.6	-	-
137.0	35.0	6.2	0.0	-	-	-	0.0	-	-	-	-	-
157.0	10.0	12.8	-	-	-	0.0	-	-	-	-	0.0	-
157.0	15.0	3.2	-	-	-	0.0	-	-	-	-	0.0	-

Brosmophycis marginata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	0.0	0.0	-	-	16.5	-	-	-	0.0	-
63.0	52.0	0.0	0.0	-	-	-	23.5	-	-	-	-	-
70.0	53.0	0.0	0.0	0.0	-	-	13.0	-	-	-	0.0	-
80.0	52.0	0.0	0.0	3.1	-	-	0.0	-	-	0.0	-	-
100.0	35.0	0.0	0.0	-	3.1	-	0.0	-	-	0.0	-	-
103.0	30.0	0.0	2.2	-	-	-	-	-	-	-	-	-
117.0	30.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-

Carapidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	0.0	-	-	-	0.0	-	-	-	-	6.2	-
157.0	10.0	6.4	-	-	-	0.0	-	-	-	-	0.0	-

Chilara taylori

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	51.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	40.0	0.0	0.0	-	-	-	12.2	-	-	-	-	-
120.0	35.0	0.0	0.0	-	0.0	-	0.0	-	-	2.7	-	-

TABLE 4. (cont.)

Ophidion scrippsae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	51.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
77.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	0.0	-	-	-	-	-	-	-	-	-
120.0	24.0	0.0	0.0	-	0.0	-	0.0	-	-	2.4	-	-
120.0	25.0	0.0	0.0	-	0.0	-	0.0	-	-	21.1	-	-
120.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	7.5	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	4.9	-	-

Antennariidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Ceratioidei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	53.0	0.0	1.6	0.0	-	-	0.0	-	-	-	0.0	-
90.0	100.0	-	-	0.0	-	-	-	-	2.9	-	-	-
90.0	140.0	-	-	0.0	-	-	-	-	3.2	-	-	-
120.0	80.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
150.0	25.0	0.0	-	-	-	6.9	-	-	-	-	0.0	-
150.0	45.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-

Lophiidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	10.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Gobiesocidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	32.0	0.0	0.0	-	0.0	-	0.0	-	-	7.6	-	-
110.0	35.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-

Oxyporhamphus micropterus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	10.0	0.0	-	-	-	5.8	-	-	-	-	0.0	-

TABLE 4. (cont.)

Cololabis saira

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	120.0	-	-	-	3.2	-	-	-	-	-	0.0	-
60.0	90.0	-	0.0	0.0	-	-	3.0	-	-	-	0.0	-
63.0	60.0	0.0	1.5	-	-	-	0.0	-	-	-	-	-
63.0	70.0	-	5.9	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	7.0	-	-	-	0.0	-	-	-	-	-
70.0	65.0	-	3.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	80.0	7.8	0.0	-	-	-	-	-	-	-	-	-
73.0	90.0	3.7	0.0	-	-	-	-	-	-	-	-	-
77.0	65.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
80.0	60.0	0.0	1.6	-	-	-	13.2	-	-	-	-	-
83.0	70.0	0.0	0.0	0.0	-	-	2.6	-	-	-	0.0	-
90.0	37.0	3.5	0.0	0.0	-	-	0.0	0.0	-	-	-	-
93.0	90.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
97.0	45.0	0.0	0.0	-	-	-	10.7	-	-	-	-	-
97.0	80.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
100.0	70.0	0.0	0.0	-	3.0	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	100.0	3.4	0.0	-	0.0	-	0.0	-	-	2.9	-	-
100.0	100.0	-	-	-	9.2	-	-	-	-	0.0	-	-
100.0	120.0	-	-	-	-	-	-	-	-	-	-	-
103.0	30.0	2.0	0.0	-	-	-	-	-	-	-	-	-
103.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	9.0	-	-	-	-	-
107.0	40.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
110.0	50.0	0.0	0.0	-	3.2	-	0.0	-	-	0.0	-	-
110.0	55.0	0.0	3.3	-	0.0	-	0.0	-	-	0.0	-	-
113.0	70.0	0.0	0.0	-	0.0	-	3.0	-	-	-	-	-
120.0	70.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
140.0	80.0	3.1	-	-	-	6.1	-	-	-	-	0.0	-

Atherinidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	48.0	-	3.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	2.8	0.0	-	-	-	-	-	-	-	-	-
97.0	30.0	13.4	0.0	-	-	-	-	-	-	-	-	-

Trachipteridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	80.0	-	-	-	3.5	-	-	-	-	0.0	-	-
40.0	120.0	-	-	-	-	-	-	-	-	-	6.8	-
47.0	80.0	-	-	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Trachipteridae (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	4.7	0.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	0.0	0.0	0.0	-	-	12.7	-	-	-	0.0	-
63.0	60.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
67.0	65.0	0.0	7.0	-	-	-	13.6	-	-	-	-	-
70.0	53.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	60.0	3.7	1.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	3.9	3.2	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
77.0	60.0	3.3	6.4	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
80.0	70.0	0.0	3.1	0.0	-	-	0.0	-	-	-	3.0	-
80.0	90.0	4.1	3.1	3.3	-	-	0.0	-	-	-	0.0	-
83.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	3.4	6.3	-	-	-	0.0	-	-	-	-	-
83.0	80.0	3.6	3.0	-	-	-	0.0	-	-	-	-	-
83.0	90.0	3.2	3.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	60.0	5.4	0.0	-	-	-	-	-	-	-	-	-
87.0	70.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
90.0	53.0	0.0	0.0	0.0	-	-	3.0	-	-	-	-	-
90.0	70.0	3.4	0.0	0.0	-	-	0.0	3.1	-	-	-	-
90.0	90.0	6.6	0.0	0.0	-	-	0.0	0.0	0.0	-	-	-
93.0	45.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	80.0	10.1	0.0	-	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	3.9	-	-	-	0.0	-	-	-	-	-
97.0	50.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	55.0	2.9	3.4	-	-	-	0.0	-	-	-	-	-
97.0	90.0	5.4	0.0	-	-	-	0.0	-	-	-	-	-
100.0	40.0	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	3.3	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	90.0	3.2	0.0	0.0	-	-	0.0	-	-	0.0	-	-
103.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	0.0	3.6	-	-	-	0.0	-	-	-	-	-
107.0	50.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	80.0	0.0	0.0	-	-	-	2.8	-	-	0.0	-	-
113.0	70.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-

Eutaeniophoridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	180.0	-	-	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	1.6	-	-	-	-	-	-	-	2.9	-

TABLE 4. (cont.)

Melamphaes spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0		8.9			0.0					0.0		
40.0		9.0			3.7					0.0		
40.0					3.5					0.0		
40.0					8.1					0.0		
43.0		12.7				0.0	0.0					
43.0		12.2				0.0	0.0					
43.0		23.4				0.0	0.0					
47.0		13.5				0.0	0.0					
47.0		11.0				0.0	0.0					
47.0		14.1				0.0	0.0					
47.0		15.0				0.0	0.0					
50.0		13.5			0.0		0.0				0.0	
50.0		0.0			2.9		0.0				0.0	
50.0		12.2			0.0		0.0				0.0	
50.0		0.0			0.0		3.1				0.0	
50.0					6.4		13.6				0.0	
53.0			0.0				0.0					
53.0			11.6				0.0					
57.0			12.7				0.0					
57.0							2.9				0.0	
60.0		6.7	8.2	0.0			0.0				0.0	
60.0			1.6	5.1			0.0				0.0	
60.0				3.8			0.0			0.0		
63.0			1.6				0.0					
63.0			0.0				3.4					
67.0	0.0	2.9	0.0				0.0					
67.0	0.0	2.9	9.0				0.0					
67.0		0.0	7.0				0.0					
67.0			15.1				0.0					
67.0			4.7				3.1					
70.0	3.2	3.7	3.2	0.0			0.0				0.0	
70.0		6.8	3.0	0.0			0.0				0.0	
70.0	3.7	0.0	4.8	0.0			0.0				0.0	
70.0	0.0	0.0	0.0	0.0			0.0				2.8	
70.0	6.4	12.4	7.6	0.0			2.7				0.0	
73.0	21.1	0.0	0.0				0.0					
73.0	11.6	0.0	1.6									
73.0	0.0	6.5	8.4									
77.0	0.0	3.3	0.0				0.0					
77.0	0.0	3.2	1.6				0.0					
77.0	0.0	9.1	1.8				0.0					
77.0	0.0	0.0	1.7									
77.0	0.0		16.1									
80.0	0.0	3.5	0.0	0.0			0.0			0.0	0.0	
80.0	0.0	0.0	0.0	0.0			13.2			0.0	0.0	
80.0	0.0	3.2	3.1	3.6			0.0				3.0	

TABLE 4. (cont.)

STATION	<i>Melampus</i> spp. (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	80.0	0.0	0.0	0.0	4.2	-	3.2	-	-	-	0.0	-
80.0	90.0	8.2	0.0	0.0	0.0	-	0.0	-	-	-	0.0	-
83.0	55.0	0.0	0.0	3.0	-	-	0.0	-	-	-	-	-
83.0	60.0	3.5	0.0	5.8	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	6.3	-	-	0.0	-	-	-	-	-
83.0	75.0	-	-	-	-	-	2.9	-	-	-	-	-
83.0	80.0	0.0	0.0	5.9	-	-	0.0	-	-	-	-	-
83.0	90.0	6.8	0.0	3.0	-	-	8.6	-	-	-	-	-
87.0	50.0	0.0	0.0	3.2	-	-	-	-	-	-	-	-
87.0	55.0	0.0	3.2	0.0	-	-	0.0	-	-	-	-	-
87.0	70.0	0.0	0.0	3.2	-	-	5.9	-	-	-	-	-
87.0	80.0	0.0	0.0	6.1	-	-	11.0	-	-	-	-	-
87.0	90.0	-	0.0	6.2	-	-	2.9	-	-	-	-	-
90.0	70.0	0.0	0.0	0.0	-	-	3.5	-	0.0	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	5.8	-	0.0	-	-	-
90.0	90.0	0.0	0.0	9.5	-	-	6.5	-	3.2	-	-	-
90.0	100.0	-	-	-	-	-	-	-	0.0	-	-	-
90.0	120.0	-	-	-	-	-	-	-	3.2	-	-	-
90.0	140.0	-	-	-	-	-	-	-	0.0	-	-	-
93.0	60.0	-	-	-	-	-	-	-	3.2	-	-	-
93.0	70.0	0.0	3.1	0.0	-	-	9.1	-	0.0	-	-	-
93.0	80.0	0.0	0.0	3.0	-	-	3.0	-	0.0	-	-	-
93.0	90.0	0.0	0.0	9.5	-	-	3.1	-	0.0	-	-	-
93.0	100.0	-	-	-	-	-	22.7	-	3.2	-	-	-
93.0	120.0	-	-	-	-	-	6.4	-	0.0	-	-	-
97.0	35.0	-	-	-	-	-	-	-	-	-	-	-
97.0	50.0	0.0	3.1	0.0	-	-	2.8	-	-	-	-	-
97.0	70.0	0.0	0.0	5.9	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	0.0	15.1	-	-	8.6	-	-	-	-	-
97.0	90.0	0.0	0.0	23.5	-	-	0.0	-	-	-	-	-
97.0	100.0	-	-	-	-	-	5.7	-	-	-	-	-
97.0	120.0	-	-	-	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	2.7	0.0	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	2.9	0.0	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	0.0	0.0	-	-	11.8	-	-	-	-	-
97.0	80.0	0.0	0.0	3.3	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	0.0	5.5	-	-	2.6	-	-	-	-	-
97.0	100.0	0.0	2.7	6.6	-	-	8.1	-	-	-	-	-
100.0	35.0	0.0	0.0	0.0	-	-	10.8	-	0.0	-	-	-
100.0	50.0	0.0	0.0	3.0	-	-	25.8	-	0.0	-	-	-
100.0	60.0	0.0	3.3	6.3	-	-	0.0	-	0.0	-	-	-
100.0	70.0	0.0	0.0	3.2	-	-	0.0	-	0.0	-	-	-
100.0	80.0	3.0	0.0	0.0	-	-	6.0	-	0.0	-	-	-
100.0	90.0	0.0	0.0	2.9	-	-	2.8	-	6.1	-	-	-
100.0	100.0	-	-	-	-	-	-	-	0.0	-	-	-
100.0	140.0	-	-	-	-	-	-	-	0.0	-	-	-
103.0	45.0	6.3	0.0	0.0	-	-	0.0	-	-	-	-	-
103.0	60.0	0.0	0.0	8.9	-	-	0.0	-	-	-	-	-
103.0	70.0	5.8	2.7	6.4	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	0.0	3.2	-	-	5.8	-	-	-	-	-
107.0	35.0	3.4	0.0	0.0	-	-	0.0	-	-	-	-	-
107.0	40.0	0.0	2.6	0.0	-	-	0.0	-	-	-	-	-
107.0	60.0	0.0	2.7	3.2	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	0.0	3.3	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Melampus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	80.0	8.9	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	0.0	0.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	45.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	6.2	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
110.0	60.0	0.0	0.0	0.0	3.3	0.0	5.7	0.0	0.0	0.0	0.0	0.0
110.0	70.0	0.0	3.1	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
110.0	80.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	45.0	5.8	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0
113.0	60.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0
113.0	80.0	0.0	3.2	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
117.0	70.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0
117.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	60.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	70.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0
120.0	80.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
123.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	50.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	60.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	35.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	90.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	40.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	60.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	35.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	40.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	60.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	45.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	55.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	60.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.0	45.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	40.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	45.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	35.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	45.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	50.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	55.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	60.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	20.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	25.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0	40.0	3.3	-	-	-	-	-	-	-	-	-	-
153.0	50.0	3.0	-	-	-	-	-	-	-	-	-	-
153.0	60.0	3.0	-	-	-	-	-	-	-	-	-	-
157.0	10.0	0.0	-	-	2.9	-	-	-	-	-	3.0	-
157.0	15.0	3.2	-	-	9.1	-	-	-	-	-	9.1	-
157.0	20.0	6.4	-	-	0.0	-	-	-	-	-	0.0	-
157.0	25.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-
157.0	40.0	6.2	-	-	0.0	-	-	-	-	-	0.0	-
157.0	45.0	0.0	-	-	3.3	-	-	-	-	-	0.0	-
157.0	50.0	9.1	-	-	0.0	-	-	-	-	-	0.0	-
157.0	60.0	3.1	-	-	0.0	-	-	-	-	-	0.0	-

Poromitra spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	70.0	13.3	-	-	-	-	0.0	-	-	-	-	-
50.0	65.0	0.0	-	-	0.0	-	0.0	-	-	-	3.2	-
80.0	52.0	0.0	3.3	0.0	-	-	0.0	-	-	0.0	-	-
87.0	55.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
90.0	100.0	-	-	6.3	-	-	-	-	0.0	-	-	-
90.0	120.0	-	-	6.5	-	-	-	-	0.0	-	-	-
100.0	90.0	0.0	0.0	-	3.2	-	0.0	-	-	-	-	-
103.0	60.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-
130.0	50.0	3.3	0.0	-	0.0	-	0.0	-	0.0	-	-	-
137.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
137.0	50.0	0.0	0.0	-	-	3.2	0.0	-	-	-	0.0	-
140.0	55.0	0.0	-	-	-	-	-	-	-	-	-	-
143.0	50.0	3.3	-	-	-	-	-	-	-	-	-	-
157.0	55.0	3.0	-	-	-	0.0	-	-	-	-	0.0	-

Scopelogadus bispinosus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	70.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
83.0	90.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
87.0	70.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
87.0	90.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
90.0	100.0	-	-	0.0	-	-	-	-	5.8	-	-	-
100.0	80.0	0.0	0.0	-	0.0	-	3.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	-	0.0	-	0.0	-	-	12.2	-	-
100.0	100.0	-	-	0.0	-	-	-	-	-	2.9	-	-
110.0	60.0	0.0	0.0	-	0.0	-	0.0	-	-	3.1	-	-

TABLE 4. (cont.)

Scopelogadus bispinosus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	80.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
147.0	45.0	3.3	-	-	-	-	-	-	-	-	-	-
150.0	50.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-
150.0	60.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-
157.0	10.0	0.0	-	-	0.0	-	-	-	-	-	9.0	-
157.0	20.0	0.0	-	-	0.0	-	-	-	-	-	9.3	-
157.0	25.0	0.0	-	-	0.0	-	-	-	-	-	3.0	-
157.0	35.0	0.0	-	-	0.0	-	-	-	-	-	6.5	-
157.0	45.0	0.0	-	-	0.0	-	-	-	-	-	2.9	-
157.0	50.0	0.0	-	-	0.0	-	-	-	-	-	6.2	-
157.0	60.0	0.0	-	-	3.0	-	-	-	-	-	0.0	-

Macrobrachium gracilis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	3.3	-	-

Syngnathus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	40.0	0.0	-	-	-	-	12.6	-	-	-	-	-
100.0	29.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-

Agonidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	0.0	0.0	-	-	0.0	-	-	-	3.2	-
60.0	55.0	0.0	11.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	60.0	0.0	1.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	0.0	2.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	0.0	1.4	-	-	-	0.0	-	-	-	-	-
80.0	51.0	0.0	0.0	7.1	-	-	0.0	-	-	0.0	-	-
83.0	51.0	13.7	0.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	3.2	-	-	-	-	-	-	-	-	-
103.0	30.0	0.0	2.2	-	-	-	-	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	32.0	2.3	0.0	-	0.0	-	31.0	-	-	0.0	-	-
113.0	30.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
120.0	40.0	0.0	0.0	-	5.2	-	0.0	-	-	0.0	-	-
127.0	33.0	2.6	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Anoplopoma fimbria

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	65.0	0.0	1.5	-	-	-	-	-	-	-	-	-
Cottidae												
40.0	38.0	0.0	-	-	12.3	-	-	-	-	0.0	-	-
47.0	50.0	10.8	-	-	-	-	0.0	-	-	-	-	-
53.0	80.0	-	46.2	-	-	-	0.0	-	-	-	-	-
60.0	50.0	0.0	0.0	19.9	-	-	0.0	-	-	-	0.0	-
60.0	52.0	0.0	6.6	2.6	-	-	0.0	-	-	-	3.2	-
63.0	50.0	4.6	7.7	-	-	-	0.0	-	-	-	-	-
67.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
80.0	51.0	0.0	2.6	-	-	-	0.0	-	-	-	-	-
83.0	51.0	73.0	5.9	-	-	-	0.0	-	-	-	-	-
87.0	45.0	0.0	0.0	-	-	-	27.2	-	-	-	-	-
87.0	50.0	10.8	9.5	-	-	-	0.0	-	-	-	-	-
93.0	27.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	5.6	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	29.0	0.0	6.4	0.0	0.0	-	0.0	-	-	-	-	-
103.0	29.0	5.7	0.0	-	-	-	0.0	-	-	-	-	-
107.0	31.0	2.6	0.0	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	4.7	-	0.0	-	72.2	-	-	0.0	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
123.0	36.0	2.8	2.9	-	-	-	0.0	-	-	-	-	-

Scorpaenichthys marmoratus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	0.0	2.0	0.0	-	-	0.0	-	-	-	0.0	-
63.0	50.0	13.7	0.0	-	-	-	0.0	-	-	-	-	-
63.0	52.0	3.7	3.7	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
67.0	65.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
73.0	60.0	0.0	1.7	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	1.5	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	1.6	-	-	-	-	-	-	-	-	-
80.0	52.0	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	6.7	0.0	0.0	-	-	0.0	-	-	-	0.0	-
87.0	50.0	2.6	0.0	-	-	-	-	-	-	-	-	-
113.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Cyclopteridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	10.0	-	-	3.1	-	-	-	-	0.0	-	-
40.0	40.0	20.4	-	-	0.0	-	-	-	-	0.0	-	-
40.0	80.0	-	-	0.0	0.0	-	-	-	-	3.0	-	-
50.0	60.0	0.0	-	0.0	0.0	0.0	0.0	-	-	-	3.2	-
53.0	55.0	-	13.3	-	-	0.0	0.0	-	-	-	-	-
63.0	60.0	0.0	1.5	-	-	0.0	0.0	-	-	-	-	-
80.0	55.0	0.0	3.0	0.0	-	0.0	0.0	-	-	-	0.0	-
87.0	50.0	2.7	3.2	-	-	0.0	0.0	-	-	-	-	-
93.0	27.0	0.0	0.0	-	-	0.0	0.0	-	-	-	-	-
103.0	30.0	0.0	4.3	-	-	0.0	0.0	-	-	-	-	-
110.0	32.0	0.0	2.3	-	0.0	0.0	0.0	-	-	0.0	-	-
110.0	35.0	0.0	0.0	-	3.0	0.0	0.0	-	-	0.0	-	-

Hexagrammidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	52.0	-	13.9	-	-	-	0.0	-	-	-	-	-
60.0	50.0	0.0	5.3	0.0	-	-	0.0	-	-	-	0.0	-
60.0	52.0	0.0	1.6	0.0	-	-	0.0	-	-	-	0.0	-
63.0	50.0	0.0	2.6	-	-	-	0.0	-	-	-	-	-
67.0	50.0	0.0	1.7	-	-	-	0.0	-	-	-	-	-
70.0	53.0	0.0	6.8	0.0	-	-	0.0	-	-	-	0.0	-
83.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	60.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
93.0	27.0	4.6	0.0	-	-	-	0.0	-	-	-	-	-
93.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	2.6	0.0	-	-	-	0.0	-	-	-	-	-
100.0	29.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
103.0	30.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
120.0	45.0	0.0	0.0	-	2.6	-	0.0	-	-	0.0	-	-

Oxylebius pictus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	70.0	0.0	7.0	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	2.3	-	0.0	-	0.0	-	-	0.0	-	-
123.0	36.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-

Zaniolepis spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	51.0	3.1	0.0	0.0	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Zaniolepis spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	60.0	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
83.0	51.0	0.0	5.9	-	-	-	0.0	-	-	-	-	-
97.0	32.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
123.0	37.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-

Scorpaenidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	70.0	0.0	0.0	-	3.0	-	0.0	-	-	0.0	-	-
150.0	25.0	0.0	-	-	-	13.9	-	-	-	-	0.0	-

Scorpaena spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	27.0	0.0	0.0	-	-	-	9.8	-	-	-	-	-
117.0	45.0	0.0	0.0	-	-	-	11.3	-	-	-	-	-
117.0	60.0	0.0	0.0	-	-	-	23.4	-	-	-	-	-

Sebastes spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	-	-	-	43.0	-	-	-	-	0.0	-	-
40.0	40.0	89.6	-	-	3.5	-	-	-	-	3.3	-	-
40.0	45.0	81.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	50.0	54.4	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	116.8	-	-	3.3	-	-	-	-	2.4	-	-
40.0	60.0	176.3	-	-	3.6	-	-	-	-	0.0	-	-
40.0	65.0	44.4	-	-	0.0	-	-	-	-	3.6	-	-
43.0	42.0	117.0	-	-	-	-	0.0	-	-	-	-	-
43.0	45.0	957.5	-	-	-	-	26.4	-	-	-	-	-
43.0	50.0	89.9	-	-	-	-	12.4	-	-	-	-	-
43.0	55.0	12.7	-	-	-	-	0.0	-	-	-	-	-
43.0	60.0	416.6	-	-	-	-	0.0	-	-	-	-	-
43.0	65.0	97.9	-	-	-	-	0.0	-	-	-	-	-
43.0	70.0	81.8	-	-	-	-	3.3	-	-	-	-	-
47.0	50.0	159.4	-	-	-	-	56.5	-	-	-	-	-
47.0	55.0	516.5	-	-	-	-	53.3	-	-	-	-	-
47.0	60.0	161.8	-	-	-	-	12.1	-	-	-	-	-
47.0	65.0	0.0	-	-	-	-	0.0	-	-	-	-	-
47.0	70.0	22.1	-	-	-	-	23.8	-	-	-	-	-
47.0	80.0	352.0	-	-	-	-	0.0	-	-	-	-	-
50.0	47.0	586.6	-	-	3.0	-	0.0	-	-	-	61.5	-
		226.4	-	-	-	-	12.3	-	-	-	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	50.0	61.9	-	-	0.0	-	57.9	-	-	-	26.6	-
50.0	55.0	27.0	-	-	10.6	-	22.6	-	-	-	5.4	-
50.0	60.0	130.8	-	-	11.7	-	0.0	-	-	-	6.4	-
50.0	65.0	110.2	-	-	0.0	-	14.2	-	-	-	0.0	-
50.0	70.0	0.0	-	-	0.0	-	12.1	-	-	-	0.0	-
50.0	90.0	0.0	-	-	0.0	-	3.1	-	-	-	0.0	-
53.0	52.0	-	222.1	-	-	-	11.2	-	-	-	-	-
53.0	55.0	-	106.2	-	-	-	81.4	-	-	-	-	-
53.0	60.0	-	59.4	-	-	-	0.0	-	-	-	-	-
53.0	65.0	-	15.2	-	-	-	67.0	-	-	-	-	-
53.0	70.0	-	29.2	-	-	-	14.2	-	-	-	-	-
53.0	80.0	-	11.6	-	-	-	0.0	-	-	-	-	-
57.0	51.0	-	314.6	-	-	-	-	-	-	-	-	-
57.0	55.0	-	24.2	-	-	-	14.3	-	-	-	-	-
57.0	60.0	-	47.0	-	-	-	72.4	-	-	-	-	-
57.0	65.0	-	0.0	-	-	-	13.4	-	-	-	-	-
57.0	70.0	-	294.4	-	-	-	0.0	-	-	-	-	-
57.0	90.0	-	-	-	-	-	2.9	-	-	-	-	-
60.0	50.0	6.4	26.4	6.6	-	-	0.0	-	-	-	0.0	-
60.0	52.0	13.9	6.6	2.6	-	-	65.9	-	-	-	0.0	-
60.0	55.0	380.2	707.6	0.0	-	-	64.2	-	-	-	9.8	-
60.0	60.0	192.1	199.7	0.0	-	-	12.5	-	-	-	0.0	-
60.0	65.0	302.3	1631.7	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	50.0	48.5	3.2	-	-	25.4	-	-	-	0.0	-
60.0	80.0	-	6.4	2.6	-	-	25.5	-	-	-	0.0	-
60.0	90.0	-	4.7	0.0	-	-	29.5	-	-	-	0.0	-
63.0	50.0	25.2	0.0	-	-	-	10.6	-	-	-	-	-
63.0	52.0	543.1	91.0	-	-	-	152.9	-	-	-	-	-
63.0	55.0	61.9	5.2	-	-	-	126.7	-	-	-	-	-
63.0	60.0	42.3	181.2	-	-	-	126.8	-	-	-	-	-
63.0	65.0	30.0	58.1	-	-	-	125.2	-	-	-	-	-
63.0	70.0	3.2	9.1	-	-	-	12.4	-	-	-	-	-
63.0	80.0	-	4.7	-	-	-	0.0	-	-	-	-	-
67.0	48.0	82.4	0.0	-	-	-	162.4	-	-	-	-	-
67.0	50.0	639.6	719.0	-	-	-	157.0	-	-	-	-	-
67.0	55.0	97.7	172.0	-	-	-	13.0	-	-	-	-	-
67.0	60.0	123.9	570.4	-	-	-	52.5	-	-	-	-	-
67.0	65.0	-	18.4	-	-	-	40.8	-	-	-	-	-
67.0	70.0	-	46.3	-	-	-	13.3	-	-	-	-	-
67.0	80.0	-	0.0	-	-	-	13.0	-	-	-	-	-
67.0	90.0	-	0.0	-	-	-	12.3	-	-	-	-	-
70.0	51.0	513.3	12.0	29.2	-	-	74.2	-	-	-	16.1	-
70.0	53.0	486.7	14.6	0.0	-	-	130.0	-	-	-	89.1	-
70.0	55.0	-	113.8	-	-	-	-	-	-	-	-	-
70.0	60.0	6.3	91.5	3.2	-	-	27.1	-	-	-	5.8	-
70.0	65.0	-	75.0	2.9	-	-	48.6	-	-	-	19.1	-

TABLE 4. (cont.)

STATION	Sebastes spp. (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	70.0	123.4	35.3	52.8	0.0	-	12.7	-	-	-	0.0	-
70.0	80.0	3.5	0.0	10.1	3.9	-	0.0	-	-	-	0.0	-
70.0	90.0	12.8	3.1	0.0	0.0	-	2.7	-	-	-	0.0	-
73.0	50.0	-	150.7	19.8	-	-	21.4	-	-	-	-	-
73.0	53.0	9.3	237.4	214.8	-	-	144.0	-	-	-	-	-
73.0	60.0	3.5	144.3	21.3	-	-	0.0	-	-	-	-	-
73.0	65.0	7.1	3.2	18.5	-	-	-	-	-	-	-	-
73.0	70.0	0.0	8.3	14.7	-	-	-	-	-	-	-	-
73.0	80.0	19.4	0.0	55.6	-	-	-	-	-	-	-	-
73.0	90.0	0.0	3.2	0.0	-	-	0.0	-	-	-	-	-
77.0	48.0	0.0	5.8	102.6	-	-	0.0	-	-	-	-	-
77.0	51.0	2821.0	144.1	90.4	-	-	42.2	-	-	-	-	-
77.0	55.0	139.0	62.3	98.8	-	-	11.6	-	-	-	-	-
77.0	60.0	92.1	0.0	150.7	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	0.0	49.4	-	-	51.7	-	-	-	-	-
77.0	70.0	0.0	36.3	141.9	-	-	0.0	-	-	-	-	-
77.0	80.0	27.7	0.0	24.8	-	-	-	-	-	4.3	-	-
80.0	51.0	297.7	50.2	221.9	21.2	-	0.0	-	-	11.6	-	-
80.0	52.0	214.0	169.5	208.5	74.2	-	86.5	-	-	-	64.9	-
80.0	55.0	2364.7	241.9	137.3	53.0	-	0.0	-	-	-	9.4	-
80.0	60.0	37.7	0.0	47.4	68.8	-	0.0	-	-	-	3.0	-
80.0	70.0	799.2	15.8	40.0	0.0	-	0.0	-	-	-	0.0	-
80.0	80.0	26.3	10.1	0.0	4.2	-	0.0	-	-	-	0.0	-
80.0	90.0	3.5	4.1	6.1	3.3	-	0.0	-	-	-	0.0	-
82.0	47.0	72.6	114.2	120.1	-	-	70.3	-	-	-	-	-
83.0	40.0	951.8	8.5	0.0	-	-	0.0	-	-	-	-	-
83.0	43.0	951.8	501.8	424.8	-	-	35.2	-	-	-	-	-
83.0	51.0	180.4	328.3	328.3	-	-	2.5	-	-	-	-	-
83.0	55.0	339.9	352.1	550.6	-	-	12.0	-	-	-	-	-
83.0	60.0	0.0	791.2	0.0	-	-	0.0	-	-	-	-	-
83.0	70.0	18.1	0.0	21.9	-	-	0.0	-	-	-	-	-
83.0	80.0	62.7	25.5	17.8	-	-	0.0	-	-	-	-	-
83.0	90.0	0.0	3.2	3.0	-	-	0.0	-	-	-	-	-
87.0	33.0	14.2	29.8	36.5	-	-	0.0	-	-	-	-	-
87.0	35.0	-	13.4	102.3	-	-	0.0	-	-	-	-	-
87.0	40.0	38.9	104.6	-	-	-	0.0	-	-	-	-	-
87.0	45.0	30.5	2.8	154.6	-	-	0.0	-	-	-	-	-
87.0	50.0	1414.8	83.2	1138.4	-	-	0.0	-	-	-	-	-
87.0	55.0	74.2	455.8	128.8	-	-	0.0	-	-	-	-	-
87.0	60.0	11.5	48.2	0.0	-	-	5.9	-	-	-	-	-
87.0	70.0	-	2.9	0.0	-	-	0.0	-	-	-	-	-
87.0	90.0	-	3.1	0.0	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	74.8	45.8	5.8	-	0.0	-	-	-	0.0	-
90.0	32.0	6.9	32.9	64.0	15.5	-	0.0	-	-	-	0.0	-
90.0	37.0	7.0	117.4	135.7	19.1	-	0.0	-	-	-	0.0	-
90.0	45.0	73.4	400.2	111.0	10.4	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	53.0	156.2	154.0	58.9	175.0	-	0.0	-	6.2	-	-	-
90.0	60.0	0.0	369.7	17.4	32.8	-	3.8	-	-	-	-	-
90.0	70.0	0.0	30.9	3.2	6.1	-	0.0	-	0.0	-	-	-
90.0	80.0	2.9	4.6	105.3	18.1	-	0.0	-	0.0	-	-	-
90.0	90.0	0.0	0.0	0.0	161.7	-	6.5	-	0.0	-	-	-
90.0	100.0	-	-	-	6.3	-	-	-	0.0	-	-	-
93.0	27.0	12.5	123.1	2.9	-	-	0.0	-	-	-	-	-
93.0	28.0	0.0	6.3	34.3	-	-	0.0	-	-	-	-	-
93.0	30.0	0.0	12.1	15.6	-	-	11.8	-	-	-	-	-
93.0	35.0	0.0	12.1	3.2	-	-	0.0	-	-	-	-	-
93.0	40.0	25.4	6.3	3.2	-	-	0.0	-	-	-	-	-
93.0	45.0	115.6	12.4	163.2	-	-	0.0	-	-	-	-	-
93.0	50.0	-	25.5	0.0	-	-	11.0	-	-	-	-	-
93.0	55.0	-	45.2	3.3	-	-	12.7	-	-	-	-	-
93.0	60.0	89.4	12.6	0.0	-	-	2.8	-	-	-	-	-
93.0	70.0	0.0	27.1	0.0	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	6.8	0.0	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	6.5	53.8	-	-	0.0	-	-	-	-	-
97.0	29.0	5.6	52.4	18.9	-	-	0.0	-	-	-	-	-
97.0	30.0	22.4	6.7	21.8	-	-	-	-	-	-	-	-
97.0	32.0	0.0	12.0	40.2	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	8.8	34.9	-	-	0.0	-	-	-	-	-
97.0	40.0	12.1	19.6	3.3	-	-	0.0	-	-	-	-	-
97.0	50.0	0.0	6.0	0.0	-	-	0.0	-	-	-	-	-
97.0	55.0	13.3	91.1	0.0	-	-	0.0	-	-	-	-	-
97.0	60.0	7.9	0.0	0.0	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	70.5	0.0	-	-	0.0	-	-	-	-	-
97.0	80.0	3.0	182.4	0.0	-	-	2.6	-	-	-	-	-
97.0	90.0	3.1	0.0	6.6	-	-	0.0	-	-	-	-	-
100.0	29.0	25.0	0.0	89.3	-	-	0.0	-	-	3.0	-	-
100.0	30.0	29.8	66.8	81.6	-	-	0.0	-	-	0.0	-	-
100.0	35.0	0.0	3.2	10.3	-	-	0.0	-	-	0.0	-	-
100.0	40.0	3.8	3.4	0.0	-	-	0.0	-	-	0.0	-	-
100.0	50.0	27.1	6.1	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	40.4	0.0	0.0	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	12.8	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	0.0	30.3	-	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	2.9	-	-	0.0	-	-	0.0	-	-
103.0	29.0	25.5	39.3	35.9	-	-	0.0	-	-	0.0	-	-
103.0	30.0	25.8	215.8	114.0	-	-	-	-	-	-	-	-
103.0	35.0	3.4	0.0	44.2	-	-	-	-	-	-	-	-
103.0	40.0	3.2	0.0	10.3	-	-	-	-	-	-	-	-
103.0	50.0	12.8	0.0	0.0	-	-	0.0	-	-	-	-	-
103.0	55.0	-	5.5	-	-	-	-	-	-	-	-	-
103.0	60.0	0.0	0.0	3.0	-	-	0.0	-	-	-	-	-
107.0	31.0	10.5	28.6	17.1	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

STATION	Sebastes spp. (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	32.0	21.1	6.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	35.0	3.4	3.4	3.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	40.0	0.0	5.3	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	50.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	70.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	80.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	32.0	15.8	11.8	9.3	34.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	35.0	—	3.3	9.9	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	0.0	0.0	3.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	45.0	0.0	0.0	6.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	3.1	3.3	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	55.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	80.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	29.0	2.1	35.0	4.9	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	30.0	5.3	0.0	19.6	—	19.7	0.0	0.0	0.0	0.0	0.0	0.0
113.0	35.0	0.0	0.0	10.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	40.0	0.0	0.0	3.2	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	25.0	0.0	0.0	13.3	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	26.0	3.0	10.7	11.9	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	30.0	2.8	11.0	45.9	—	11.4	0.0	0.0	0.0	0.0	0.0	0.0
117.0	35.0	0.0	11.1	34.3	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	40.0	0.0	37.0	52.6	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	45.0	0.0	2.8	47.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	50.0	0.0	0.0	12.4	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	60.0	0.0	0.0	0.0	—	11.7	0.0	0.0	0.0	0.0	0.0	0.0
117.0	70.0	0.0	2.7	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	80.0	0.0	2.7	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	39.0	—	11.0	24.2	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	33.0	0.0	0.0	29.7	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	24.0	0.0	10.2	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	25.0	0.0	8.6	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	40.0	0.0	0.0	2.1	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	45.0	0.0	0.0	26.2	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	36.0	0.0	19.8	57.6	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	37.0	37.3	64.9	450.9	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	42.0	0.0	13.2	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	45.0	0.0	39.7	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	50.0	0.0	0.0	7.2	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	33.0	0.0	2.6	20.6	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	34.0	56.0	0.0	8.3	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	40.0	3.4	0.0	0.0	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	35.0	0.0	0.0	3.3	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	30.0	0.0	0.0	6.1	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	35.0	0.0	0.0	76.6	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	35.0	0.0	0.0	3.2	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.0	45.0	—	0.0	—	—	3.3	—	—	—	—	—	0.0

TABLE 4. (cont.)

Sebastes aurora

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	51.0	0.0	-	8.3	-	-	0.0	-	-	-	0.0	-
70.0	53.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.7	-
70.0	65.0	3.4	0.0	0.0	-	-	0.0	-	-	-	0.0	-
77.0	51.0	0.0	4.8	-	-	-	0.0	-	-	-	-	-
77.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
80.0	52.0	0.0	0.0	6.2	-	-	0.0	-	-	0.0	-	-
80.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	3.3	0.0	0.0	-	-	0.0	-	0.0	-	0.0	-
90.0	45.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	0.0	3.2	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	90.0	0.0	0.0	3.4	-	-	0.0	-	0.0	-	-	-
97.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
100.0	40.0	0.0	0.0	-	3.3	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	3.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	0.0	-	3.4	-	0.0	-	-	0.0	-	-

Sebastes jordani

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	60.0	-	15.7	-	-	-	0.0	-	-	-	-	-
60.0	52.0	10.4	0.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	55.0	0.0	11.3	0.0	-	-	0.0	-	-	-	0.0	-
60.0	60.0	3.4	7.3	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	18.6	24.0	0.0	-	-	0.0	-	-	-	0.0	-
63.0	50.0	0.0	2.6	-	-	-	0.0	-	-	-	-	-
63.0	52.0	0.0	3.9	-	-	-	0.0	-	-	-	-	-
63.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	6.5	14.2	-	-	-	0.0	-	-	-	-	-
67.0	48.0	6.2	0.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	72.2	129.2	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	29.6	-	-	-	0.0	-	-	-	-	-
67.0	60.0	26.2	0.0	-	-	-	0.0	-	-	-	-	-
67.0	70.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
70.0	53.0	0.0	31.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	55.0	-	25.3	-	-	-	-	-	-	-	-	-
70.0	65.0	0.0	1.5	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	50.0	14.8	0.0	-	-	-	0.0	-	-	-	-	-
73.0	53.0	0.0	9.6	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	6.2	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	21.8	-	-	-	0.0	-	-	-	-	-
77.0	51.0	3.4	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sebastes jordani (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	55.0	3.4	0.0	1.5	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	0.0	3.5	-	-	0.0	-	-	-	-	-
80.0	51.0	14.6	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	3.7	0.0	21.6	-	-	0.0	-	-	0.0	-	-
80.0	55.0	10.7	0.0	6.1	-	-	0.0	-	-	-	0.0	-
80.0	60.0	0.0	0.0	3.2	-	-	0.0	-	-	-	0.0	-
80.0	70.0	30.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	0.0	0.0	3.2	-	-	0.0	-	-	-	0.0	-
82.0	47.0	12.8	42.8	167.5	-	-	0.0	-	-	-	-	-
83.0	40.0	147.6	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	43.0	147.6	0.0	-	-	-	0.0	-	-	-	-	-
83.0	51.0	9.0	63.8	112.1	-	-	0.0	-	-	-	-	-
83.0	55.0	10.3	75.0	14.8	-	-	0.0	-	-	-	-	-
83.0	60.0	0.0	107.6	0.0	-	-	0.0	-	-	-	-	-
83.0	80.0	3.7	0.0	0.0	-	-	0.0	-	-	-	-	-
87.0	33.0	39.2	50.2	5.6	-	-	0.0	-	-	-	-	-
87.0	35.0	-	66.9	12.0	-	-	0.0	-	-	-	-	-
87.0	40.0	24.8	0.0	-	-	-	0.0	-	-	-	-	-
87.0	45.0	6.1	0.0	20.2	-	-	0.0	-	-	-	-	-
87.0	50.0	13.5	4.0	98.6	-	-	0.0	-	-	-	-	-
87.0	55.0	0.0	25.7	0.0	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	0.0	3.5	-	-	0.0	-	0.0	-	-	-
90.0	32.0	0.0	25.6	12.8	-	-	0.0	-	0.0	-	-	-
90.0	37.0	0.0	18.4	251.9	-	-	0.0	-	0.0	-	-	-
90.0	45.0	19.1	0.0	15.9	-	-	0.0	-	0.0	-	-	-
90.0	53.0	9.9	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	80.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	28.0	2.6	3.1	18.7	-	-	0.0	-	-	-	-	-
93.0	35.0	0.0	12.1	0.0	-	-	0.0	-	-	-	-	-
93.0	45.0	3.7	0.0	0.0	-	-	0.0	-	-	-	-	-
100.0	30.0	6.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
107.0	35.0	0.0	13.5	0.0	-	-	0.0	-	-	-	-	-
117.0	45.0	0.0	0.0	6.3	-	-	0.0	-	-	-	-	-

Sebastes levis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	70.0	0.0	1.8	-	-	-	0.0	-	-	-	-	-
80.0	52.0	3.7	0.0	6.2	-	-	0.0	-	-	0.0	-	-
80.0	55.0	5.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
83.0	40.0	20.4	0.0	-	-	-	0.0	-	-	-	-	-
83.0	43.0	20.4	0.0	-	-	-	0.0	-	-	-	-	-
83.0	51.0	9.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	55.0	5.2	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sebastes levis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	6.4	-	-	-	-	-	-	-	-	-
87.0	55.0	24.7	0.0	-	-	-	0.0	-	-	-	-	-
90.0	45.0	3.2	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	53.0	2.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	0.0	3.2	-	0.0	-	0.0	-	-	0.0	-	-
113.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	45.0	0.0	37.6	-	-	-	0.0	-	-	-	-	-
117.0	50.0	0.0	15.5	-	-	-	0.0	-	-	-	-	-
120.0	30.0	0.0	2.9	-	0.0	-	0.0	-	-	0.0	-	-
123.0	37.0	5.7	68.4	-	-	-	0.0	-	-	-	-	-
123.0	42.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	33.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	34.0	3.1	6.3	-	-	-	0.0	-	-	-	-	-
127.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
130.0	35.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
137.0	35.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-

*Sebastes macdonaldi**Sebastes paucispinis*

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	45.0	12.8	-	-	-	-	0.0	-	-	-	-	-
47.0	50.0	96.8	-	-	-	-	0.0	-	-	-	-	-
47.0	55.0	40.4	-	-	-	-	0.0	-	-	-	-	-
50.0	50.0	31.0	-	0.0	-	-	0.0	-	-	-	0.0	-
50.0	55.0	27.0	-	0.0	-	-	0.0	-	-	-	0.0	-
53.0	60.0	-	103.9	-	-	-	0.0	-	-	-	-	-
53.0	65.0	-	30.4	-	-	-	0.0	-	-	-	-	-
53.0	70.0	-	14.6	-	-	-	0.0	-	-	-	-	-
53.0	80.0	-	34.7	-	-	-	0.0	-	-	-	-	-
57.0	55.0	-	36.4	-	-	-	0.0	-	-	-	-	-
57.0	70.0	-	29.4	-	-	-	0.0	-	-	-	-	-
57.0	80.0	-	25.4	-	-	-	0.0	-	-	-	-	-
60.0	60.0	-	80.9	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	-	83.7	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	-	3.3	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	-	0.0	-	-	0.0	-	-	-	0.0	-
63.0	55.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	27.1	3.3	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	4.6	-	-	-	0.0	-	-	-	-	-
63.0	65.0	-	14.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sebastes paucispinis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	70.0	0.0	7.5	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	6.0	-	-	-	0.0	-	-	-	-	-
67.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	8.6	7.4	-	-	-	0.0	-	-	-	-	-
67.0	60.0	23.1	3.7	-	-	-	0.0	-	-	-	5.4	-
70.0	53.0	41.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	60.0	40.6	16.2	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	0.0	3.7	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	7.5	19.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	6.4	0.0	3.9	-	-	0.0	-	-	-	0.0	-
73.0	60.0	3.5	3.4	0.0	-	-	0.0	-	-	-	0.0	-
73.0	65.0	17.6	3.2	-	-	-	0.0	-	-	-	-	-
73.0	70.0	0.0	1.5	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	3.3	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	8.2	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	1.5	-	-	-	0.0	-	-	-	-	-
77.0	55.0	74.6	0.0	-	-	-	0.0	-	-	-	-	-
77.0	60.0	51.2	8.9	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	7.0	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	4.8	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	8.8	-	-	-	-	-	-	0.0	-	-
77.0	90.0	0.0	1.7	-	-	-	0.0	-	0.0	0.0	-	-
80.0	51.0	4.9	0.0	0.0	-	-	0.0	-	0.0	0.0	-	-
80.0	52.0	25.8	20.8	3.1	-	-	0.0	-	0.0	0.0	-	-
80.0	55.0	64.2	16.8	3.0	-	-	0.0	-	-	-	0.0	-
80.0	60.0	18.9	0.0	6.3	-	-	0.0	-	-	-	0.0	-
80.0	70.0	30.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	39.5	0.0	3.6	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	4.1	0.0	-	-	0.0	-	-	-	0.0	-
82.0	47.0	4.3	3.2	0.0	-	-	0.0	-	-	-	-	-
83.0	40.0	66.2	0.0	0.0	-	-	0.0	-	-	-	-	-
83.0	43.0	66.2	0.0	-	-	-	0.0	-	-	-	-	-
83.0	51.0	40.6	4.6	8.9	-	-	0.0	-	-	-	-	-
83.0	55.0	293.6	52.2	11.8	-	-	0.0	-	-	-	-	-
83.0	60.0	10.5	52.0	0.0	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	3.4	6.3	-	-	0.0	-	-	-	-	-
83.0	80.0	18.5	3.6	0.0	-	-	0.0	-	-	-	-	-
87.0	35.0	0.0	3.0	0.0	-	-	0.0	-	-	-	-	-
87.0	45.0	6.1	0.0	0.0	-	-	0.0	-	-	-	-	-
87.0	50.0	143.1	0.0	28.6	-	-	0.0	-	-	-	-	-
87.0	55.0	4.1	3.2	30.5	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	2.7	0.0	-	-	0.0	-	-	-	0.0	-
90.0	32.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
90.0	37.0	0.0	9.7	3.2	-	-	0.0	-	-	-	0.0	-
90.0	45.0	9.6	20.9	0.0	-	-	0.0	-	-	-	0.0	-
90.0	53.0	76.9	6.2	0.0	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Sebastes paucispinis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	60.0	0.0	0.0	11.9	-	-	0.0	-	-	-	-	-
93.0	28.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	30.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
93.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
97.0	32.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	55.0	3.3	17.6	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
97.0	70.0	0.0	8.1	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	2.7	-	-	-	0.0	-	-	-	-	-
100.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	40.0	3.8	0.0	-	3.3	-	0.0	-	-	0.0	-	-
100.0	60.0	3.4	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
103.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	55.0	0.0	0.0	-	3.1	-	0.0	-	-	0.0	-	-

Sebastes spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	45.0	0.0	-	-	0.0	-	-	-	-	3.4	-	-
40.0	55.0	0.0	-	-	26.1	-	-	-	-	0.0	-	-
40.0	60.0	0.0	-	-	7.1	-	-	-	-	0.0	-	-
40.0	65.0	0.0	-	-	18.3	-	-	-	-	0.0	-	-
40.0	70.0	-	-	-	4.6	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	13.9	-	-	-	-	0.0	-	-
50.0	50.0	0.0	-	-	0.0	-	29.0	-	-	-	0.0	-
50.0	55.0	0.0	-	-	0.0	-	22.6	-	-	-	0.0	-
53.0	60.0	-	0.0	-	-	-	13.1	-	-	-	-	-
57.0	90.0	-	-	-	-	-	6.1	-	-	-	-	-
60.0	60.0	0.0	1.8	-	-	-	5.8	-	-	-	0.0	-
60.0	65.0	0.0	7.2	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	0.0	0.0	0.0	-	-	3.0	-	-	-	0.0	-
67.0	55.0	0.0	9.3	-	-	-	0.0	-	-	-	-	-
67.0	70.0	0.0	7.0	-	-	-	0.0	-	-	-	-	-
67.0	90.0	-	0.0	-	-	-	3.1	-	-	-	0.0	-
70.0	53.0	2.9	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	6.8	1.5	0.0	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

Sebastolobus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	80.0	0.0	3.3	11.6	-	-	0.0	-	-	-	0.0	-
73.0	60.0	3.1	1.7	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	9.1	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	28.1	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	20.8	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	24.9	-	-	-	0.0	-	-	-	-	-
77.0	51.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
77.0	55.0	0.0	17.8	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	28.2	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	40.3	-	-	-	0.0	-	-	-	-	-
80.0	55.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.8	-
80.0	60.0	0.0	37.9	0.0	-	-	0.0	-	-	-	0.0	-
80.0	70.0	0.0	6.2	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	0.0	0.0	8.5	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	15.3	36.6	-	-	0.0	-	-	-	0.0	-
83.0	51.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
83.0	55.0	0.0	14.8	-	-	-	0.0	-	-	-	-	-
83.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
83.0	80.0	3.7	0.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	6.4	-	-	-	-	-	-	-	-	-
87.0	55.0	0.0	13.6	-	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	80.0	0.0	24.1	0.0	-	-	0.0	0.0	-	-	-	-
93.0	45.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	55.0	-	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	11.9	-	-	-	2.8	-	-	-	-	-
93.0	80.0	0.0	6.0	-	-	-	0.0	-	-	-	-	-
93.0	90.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
97.0	40.0	0.0	0.0	-	-	-	10.5	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	35.0	3.4	0.0	-	0.0	-	0.0	-	-	0.0	-	-
103.0	70.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-

Prionotus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	60.0	0.0	0.0	-	3.3	-	0.0	-	-	0.0	-	-
120.0	24.0	0.0	0.0	-	0.0	-	0.0	-	-	4.9	-	-
120.0	25.0	0.0	0.0	-	0.0	-	0.0	-	-	5.3	-	-
150.0	19.0	-	-	-	-	0.0	-	-	-	-	0.0	-
150.0	25.0	3.4	-	-	-	6.9	-	-	-	-	0.0	-
150.0	30.0	0.0	-	-	-	3.4	-	-	-	-	0.0	-

TABLE 4. (cont.)

Blennioidei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	0.0	-	-	15.3	-	-	-	-	0.0	-	-
40.0	45.0	18.1	-	-	0.0	-	-	-	-	0.0	-	-
57.0	51.0	-	13.7	-	-	-	-	-	-	-	-	-
57.0	65.0	-	16.7	-	-	-	-	-	-	-	-	-
60.0	52.0	0.0	0.0	-	-	0.0	0.0	-	-	-	0.0	-
60.0	60.0	3.4	0.0	0.0	-	-	0.0	-	-	-	0.0	-
63.0	50.0	2.3	0.0	-	-	0.0	0.0	-	-	-	-	-
77.0	48.0	4.7	0.0	-	-	0.0	0.0	-	-	-	-	-
90.0	45.0	3.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-

Bathymasteridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	55.0	-	13.3	-	-	-	0.0	-	-	-	-	-

Hypsoblennius spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	33.0	0.0	0.0	-	-	-	50.1	-	-	-	-	-
90.0	28.0	0.0	0.0	2.9	-	-	0.0	-	13.6	-	-	-
110.0	32.0	0.0	0.0	-	0.0	-	0.0	-	-	2.5	-	-
110.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
113.0	29.0	0.0	0.0	-	-	-	22.8	-	-	-	-	-
120.0	24.0	0.0	0.0	-	0.0	-	0.0	-	-	2.4	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	28.0	3.0	3.3	-	2.6	-	19.4	-	-	0.0	-	-
130.0	40.0	0.0	0.0	-	0.0	-	2.7	-	-	0.0	-	-
133.0	23.0	0.0	0.0	-	-	-	8.6	-	-	-	-	-
137.0	22.0	2.6	7.5	-	-	-	0.0	-	-	-	-	-
137.0	23.0	7.6	0.0	-	-	-	0.0	-	-	-	-	-

Clinidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
63.0	50.0	0.0	36.1	-	-	-	0.0	-	-	-	-	-
77.0	48.0	0.0	6.2	-	-	-	0.0	-	-	-	-	-
83.0	51.0	4.6	0.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	3.2	-	-	-	-	-	-	-	-	-
90.0	28.0	3.6	0.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	27.0	13.7	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	10.5	2.1	-	-	-	-	-	-	-	-	-
100.0	29.0	0.0	9.6	-	0.0	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Clinidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	29.0	31.1	0.0	0.0	2.8	-	-	-	-	-	-	-
103.0	30.0	15.8	28.0	-	-	-	-	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	9.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	32.0	2.6	7.0	-	0.0	-	20.6	-	0.0	-	-	-
117.0	25.0	0.0	2.7	-	-	-	0.0	-	-	-	-	-
120.0	40.0	31.1	7.9	-	28.8	-	0.0	-	0.0	-	-	-
123.0	36.0	2.7	8.6	-	-	-	0.0	-	-	-	-	-
123.0	37.0	11.3	0.0	-	-	-	0.0	-	-	-	-	-
150.0	25.0	3.6	-	-	-	0.0	-	-	-	-	0.0	-

Gobiidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	47.0	0.0	-	-	0.0	-	0.0	-	-	-	2.9	-
60.0	52.0	0.0	4.8	0.0	-	-	0.0	-	-	-	0.0	-
67.0	50.0	0.0	0.0	-	-	-	24.2	-	-	-	-	-
70.0	51.0	0.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	65.0	0.0	7.8	0.0	-	-	0.0	-	-	-	0.0	-
73.0	70.0	0.0	3.3	-	-	-	-	-	-	-	-	-
77.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
77.0	60.0	0.0	1.7	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	13.3	-	-	-	0.0	-	-	-	-	-
77.0	70.0	0.0	1.8	-	-	-	0.0	-	-	-	-	-
80.0	51.0	0.0	7.7	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	0.0	3.3	6.2	-	-	0.0	-	-	0.0	-	-
80.0	55.0	0.0	0.0	0.0	-	-	0.0	-	-	-	5.6	-
80.0	60.0	0.0	3.2	3.6	-	-	0.0	-	-	-	0.0	-
80.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
82.0	47.0	0.0	3.2	0.0	-	-	0.0	-	-	-	-	-
83.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
83.0	43.0	5.1	1.7	-	-	-	0.0	-	-	-	-	-
83.0	43.0	19.7	0.0	-	-	-	0.0	-	-	-	-	-
83.0	51.0	4.6	3.0	-	-	-	0.0	-	-	-	-	-
83.0	55.0	13.0	3.0	-	-	-	0.0	-	-	-	-	-
83.0	60.0	10.4	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
87.0	33.0	17.8	0.0	-	-	-	35.8	-	-	-	-	-
87.0	35.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
87.0	45.0	0.0	6.7	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	15.9	-	-	-	0.0	-	-	-	-	-
87.0	55.0	0.0	6.8	-	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	0.0	-	-	-	11.3	-	-	-	-	-
90.0	28.0	0.0	0.0	2.9	-	-	0.0	-	0.0	-	-	-
90.0	37.0	0.0	3.2	0.0	-	-	0.0	-	0.0	-	-	-
90.0	45.0	3.5	0.0	0.0	-	-	0.0	-	0.0	-	-	-

TABLE 4. (cont.)

Gobiidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	53.0	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	60.0	3.2	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	80.0	0.0	3.0	0.0	-	-	0.0	-	0.0	-	-	-
93.0	45.0	3.7	0.0	-	-	-	0.0	-	-	-	-	-
93.0	60.0	2.6	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	13.1	0.0	-	-	-	-	-	-	-	-	-
97.0	80.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	29.0	0.0	6.4	0.0	0.0	-	0.0	-	0.0	0.0	-	-
100.0	30.0	3.0	10.2	3.3	-	-	0.0	-	0.0	-	-	-
103.0	29.0	0.0	2.8	-	-	-	-	-	-	-	-	-
103.0	30.0	0.0	2.2	-	-	-	-	-	-	-	-	-
103.0	35.0	0.0	7.4	-	-	-	-	-	-	-	-	-
103.0	50.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	9.0	-	-	-	-	-
107.0	35.0	0.0	0.0	-	-	-	11.2	-	-	10.2	-	-
110.0	32.0	0.0	2.3	0.0	-	-	0.0	-	-	-	-	-
117.0	26.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	50.0	0.0	0.0	-	-	-	24.0	-	-	0.0	-	-
120.0	35.0	2.9	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-
120.0	40.0	0.0	0.0	0.0	0.0	-	0.0	-	-	4.9	-	-
120.0	45.0	0.0	0.0	0.0	5.2	-	0.0	-	-	0.0	-	-
130.0	28.0	3.0	0.0	0.0	0.0	-	0.0	-	-	2.5	-	-
130.0	30.0	0.0	0.0	0.0	0.0	-	0.0	-	-	2.3	-	-
140.0	35.0	0.0	0.0	-	0.0	0.0	-	-	-	41.7	0.0	-
140.0	40.0	3.4	-	-	0.0	0.0	-	-	-	0.0	0.0	-
140.0	45.0	0.0	-	-	0.0	-	-	-	-	3.0	-	-
143.0	26.0	3.0	-	-	-	-	-	-	-	-	-	-
143.0	35.0	3.4	-	-	-	-	-	-	-	-	-	-
143.0	45.0	3.0	-	-	-	-	-	-	-	-	-	-
147.0	40.0	3.4	-	-	-	-	-	-	-	-	-	-
150.0	25.0	0.0	-	-	3.5	-	-	-	-	-	0.0	-
150.0	30.0	0.0	-	-	3.4	-	-	-	-	-	0.0	-
157.0	10.0	0.0	-	-	0.0	-	-	-	-	-	20.9	-
157.0	15.0	0.0	-	-	0.0	-	-	-	-	-	3.0	-
157.0	20.0	0.0	-	-	0.0	-	-	-	-	-	3.1	-
157.0	35.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-

Microdesmidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	0.0	-	-	-	10.4	-	-	-	-	0.0	-

TABLE 4. (cont.)

<i>Icosteus aenigmaticus</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	1.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	6.4	0.0	-	-	0.0	-	-	-	0.0	-
63.0	60.0	0.0	7.1	-	-	-	0.0	-	-	-	-	-
63.0	65.0	0.0	7.0	-	-	-	0.0	-	-	-	-	-
63.0	80.0	-	1.6	-	-	-	0.0	-	-	-	0.0	-
70.0	51.0	0.0	-	0.0	-	-	0.0	-	-	-	-	-
77.0	51.0	3.4	1.6	-	-	-	0.0	-	-	-	-	-
80.0	52.0	3.5	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
103.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-

Labridae												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	35.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	10.0	0.0	-	-	-	0.0	-	-	-	-	9.0	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	15.3	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
157.0	25.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	3.2	-
157.0	40.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
157.0	45.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
157.0	50.0	0.0	-	-	-	0.0	-	-	-	-	6.2	-
157.0	60.0	0.0	-	-	-	3.0	-	-	-	-	0.0	-

<i>Halichoeres</i> spp.												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	60.0	0.0	0.0	-	-	-	46.9	-	-	-	-	-
120.0	25.0	0.0	0.0	-	0.0	-	0.0	-	-	5.3	-	-
120.0	30.0	0.0	0.0	-	0.0	-	9.2	-	-	5.0	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	4.9	-	-
130.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	7.0	-	-
140.0	30.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0	35.0	0.0	-	-	-	0.0	-	-	-	-	65.6	-
140.0	55.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-

<i>Oxyjulis californica</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.8	-
83.0	51.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
83.0	55.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Oxyjulis californica (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	55.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	0.0	0.0	-	-	0.0	-	3.4	-	-	-
90.0	37.0	0.0	0.0	0.0	-	-	0.0	-	5.8	-	-	-
90.0	45.0	0.0	9.5	0.0	-	-	0.0	-	0.0	-	-	-
93.0	40.0	0.0	0.0	-	-	-	11.1	-	-	-	-	-
93.0	60.0	0.0	0.0	-	-	-	11.1	-	-	-	-	-
93.0	80.0	0.0	0.0	-	-	-	4.3	-	-	-	-	-
100.0	30.0	0.0	0.0	-	19.7	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	0.0	-	3.3	-	0.0	-	-	0.0	-	-
110.0	35.0	0.0	0.0	-	21.0	-	0.0	-	-	0.0	-	-
110.0	45.0	0.0	0.0	-	0.0	-	12.0	-	-	0.0	-	-
117.0	60.0	0.0	0.0	-	-	-	23.4	-	-	-	-	-
118.0	39.0	0.0	0.0	-	-	-	12.6	-	-	-	-	-
120.0	24.0	0.0	0.0	-	0.0	-	9.4	-	-	2.4	-	-
120.0	30.0	0.0	0.0	-	0.0	-	18.5	-	-	0.0	-	-
120.0	60.0	0.0	0.0	-	0.0	-	2.9	-	-	0.0	-	-
120.0	70.0	0.0	0.0	-	0.0	-	2.9	-	-	0.0	-	-

Pomacentridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	2.9	-	-
150.0	25.0	0.0	-	-	-	10.4	-	-	-	-	0.0	-

Chromis punctipinnis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	37.0	0.0	0.0	0.0	-	-	0.0	-	5.8	-	-	-
93.0	55.0	0.0	0.0	-	-	-	25.4	-	-	-	-	-

Mugil spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
157.0	10.0	0.0	-	-	-	2.9	-	-	-	-	0.0	-

Howella brodiei

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	90.0	0.0	0.0	-	3.2	-	0.0	-	-	0.0	-	-
100.0	100.0	-	-	-	0.0	-	-	-	-	2.9	-	-

TABLE 4. (cont.)

Brama spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 120.0	-	-	-	0.0	-	-	-	-	3.2	-	-	-
90.0 140.0	-	-	-	0.0	-	-	-	-	3.2	-	-	-
100.0 80.0	0.0	0.0	0.0	-	0.0	-	3.0	-	-	0.0	-	-
130.0 35.0	0.0	0.0	3.3	-	0.0	-	0.0	-	-	0.0	-	-
130.0 40.0	0.0	3.2	0.0	-	0.0	-	0.0	-	-	0.0	-	-
133.0 30.0	0.0	0.0	3.0	-	-	-	0.0	-	-	-	2.8	-
140.0 120.0	-	-	-	-	0.0	-	-	-	-	-	-	-

Carangidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0 23.0	0.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-
150.0 25.0	-	0.0	-	-	-	24.3	-	-	-	-	0.0	-
150.0 30.0	-	0.0	-	-	-	6.7	-	-	-	-	0.0	-
150.0 35.0	-	0.0	-	-	-	3.3	-	-	-	-	0.0	-

Seriola lalandi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0 40.0	0.0	0.0	0.0	-	-	-	21.4	-	-	-	-	-

Trachurus symmetricus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0 60.0	-	0.0	-	-	-	-	63.4	-	-	-	-	-
60.0 90.0	-	-	0.0	0.0	-	-	11.8	-	-	-	0.0	-
67.0 80.0	-	-	0.0	-	-	-	25.9	-	-	-	-	-
77.0 48.0	0.0	0.0	0.0	-	-	-	2.5	-	-	-	-	-
83.0 90.0	0.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
87.0 55.0	0.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
87.0 60.0	0.0	0.0	13.2	-	-	-	0.0	-	-	-	-	-
87.0 70.0	0.0	0.0	32.3	-	-	-	0.0	-	-	-	-	-
87.0 80.0	0.0	0.0	0.0	-	-	-	2.7	-	-	-	-	-
87.0 90.0	0.0	0.0	160.7	-	-	-	0.0	-	-	-	-	-
90.0 32.0	0.0	0.0	0.0	0.0	-	-	0.0	-	3.3	-	-	-
90.0 53.0	0.0	0.0	0.0	0.0	-	-	0.0	-	3.1	-	-	-
90.0 70.0	0.0	0.0	0.0	0.0	-	-	3.5	-	3.0	-	-	-
90.0 80.0	0.0	0.0	0.0	30.2	-	-	2.9	-	46.9	-	-	-
90.0 90.0	0.0	0.0	81.9	0.0	-	-	16.2	-	0.0	-	-	-
90.0 100.0	-	-	-	100.5	-	-	-	-	8.8	-	-	-
90.0 120.0	-	-	-	132.8	-	-	-	-	22.5	-	-	-
90.0 140.0	-	-	-	169.6	-	-	-	-	0.0	-	-	-
93.0 28.0	0.0	0.0	0.0	-	-	-	11.7	-	-	-	-	-

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	30.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
93.0	50.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-
93.0	55.0	0.0	0.0	-	-	-	12.7	-	-	-	-	-
93.0	60.0	0.0	9.3	-	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	62.4	-	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	42.3	-	-	-	12.8	-	-	-	-	-
93.0	90.0	0.0	3.4	-	-	-	20.3	-	-	-	-	-
93.0	100.0	0.0	-	-	-	-	2.9	-	-	-	-	-
97.0	32.0	0.0	0.0	-	-	-	35.2	-	-	-	-	-
97.0	35.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-
97.0	40.0	0.0	0.0	-	-	-	10.5	-	-	-	-	-
97.0	50.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
97.0	55.0	0.0	99.8	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	5.5	-	-	-	10.6	-	-	-	-	-
97.0	90.0	0.0	6.6	-	-	-	13.6	-	-	-	-	-
100.0	30.0	0.0	0.0	-	3.3	-	0.0	-	0.0	-	-	-
100.0	35.0	0.0	0.0	-	31.3	-	0.0	-	0.0	-	-	-
100.0	40.0	0.0	0.0	-	19.7	-	0.0	-	0.0	-	-	-
100.0	50.0	0.0	0.0	-	251.9	-	0.0	-	0.0	-	-	-
100.0	60.0	0.0	65.7	-	269.7	-	34.2	-	0.0	-	-	-
100.0	70.0	0.0	12.8	-	9.1	-	2.9	-	0.0	-	-	-
100.0	80.0	0.0	6.1	-	50.0	-	15.1	-	0.0	-	-	-
100.0	90.0	0.0	111.3	-	204.8	-	2.8	-	6.1	-	-	-
100.0	100.0	-	-	-	66.9	-	-	-	0.0	-	-	-
100.0	120.0	-	-	-	12.3	-	-	-	0.0	-	-	-
100.0	140.0	-	-	-	112.5	-	-	-	0.0	-	-	-
103.0	45.0	0.0	0.0	-	-	-	10.8	-	-	-	-	-
103.0	50.0	0.0	0.0	-	-	-	11.5	-	-	-	-	-
103.0	60.0	0.0	41.4	-	-	-	11.2	-	-	-	-	-
103.0	70.0	0.0	96.3	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	70.8	-	-	-	8.7	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	26.9	-	-	-	-	-
107.0	40.0	0.0	10.5	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	23.4	-	-	-	10.8	-	-	-	-	-
107.0	60.0	0.0	19.4	-	-	-	23.0	-	-	-	-	-
107.0	70.0	0.0	9.9	-	-	-	2.7	-	-	-	-	-
107.0	80.0	0.0	24.4	-	-	-	8.6	-	-	-	-	-
110.0	32.0	0.0	2.3	-	0.0	-	0.0	-	0.0	-	-	-
110.0	40.0	0.0	20.6	-	22.9	-	0.0	-	0.0	-	-	-
110.0	45.0	0.0	38.5	-	94.1	-	0.0	-	0.0	-	-	-
110.0	50.0	0.0	142.6	-	48.0	-	0.0	-	0.0	-	-	-
110.0	55.0	0.0	103.2	-	6.3	-	0.0	-	0.0	-	-	-
110.0	60.0	0.0	13.5	-	13.3	-	2.8	-	0.0	-	-	-
110.0	70.0	0.0	58.1	-	3.0	-	0.0	-	0.0	-	-	-
110.0	80.0	0.0	123.1	-	0.0	-	0.0	-	0.0	-	-	-

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	45.0	0.0	0.0	-	-	-	29.0	-	-	-	-	-
113.0	50.0	0.0	0.0	-	-	-	65.8	-	-	-	-	-
113.0	60.0	0.0	15.9	-	-	-	86.7	-	-	-	-	-
113.0	70.0	0.0	43.2	-	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	12.8	-	-	-	0.0	-	-	-	-	-
117.0	45.0	0.0	0.0	-	-	-	22.6	-	-	-	-	-
117.0	50.0	0.0	0.0	-	-	-	60.0	-	-	-	-	-
117.0	70.0	0.0	6.8	-	-	-	2.8	-	-	-	-	-
117.0	80.0	0.0	73.7	-	-	-	24.2	-	-	-	-	-
120.0	30.0	0.0	0.0	-	2.6	-	0.0	-	-	0.0	-	-
120.0	40.0	0.0	2.1	-	0.0	-	4.6	-	-	0.0	-	-
120.0	80.0	0.0	6.7	-	2.8	-	0.0	-	-	0.0	-	-

Coryphaena hippurus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	30.0	-	-	-	-	6.7	-	-	-	-	0.0	-
150.0	100.0	-	-	-	-	0.0	-	-	-	-	2.9	-
157.0	15.0	-	-	-	-	3.0	-	-	-	-	3.0	-
157.0	35.0	-	-	-	-	0.0	-	-	-	-	3.3	-
157.0	45.0	-	-	-	-	0.0	-	-	-	-	2.9	-

Gerreidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	30.0	-	-	-	-	3.4	-	-	-	-	0.0	-

Haemulidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	24.0	0.0	0.0	-	0.0	-	0.0	-	-	2.4	-	-

Medialuna californiensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	80.0	0.0	0.0	0.0	-	-	2.9	-	0.0	-	-	-
93.0	90.0	0.0	0.0	-	-	-	3.4	-	-	-	-	-

TABLE 4. (cont.)

Caulolatilus princeps

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	35.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Sciaenidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	3.2	5.3	0.0	-	-	0.0	-	-	-	0.0	-
60.0	52.0	0.0	16.6	0.0	-	-	0.0	-	-	-	25.5	-
63.0	50.0	199.2	41.3	-	-	-	0.0	-	-	-	-	-
63.0	52.0	14.9	0.0	-	-	-	0.0	-	-	-	-	-
67.0	48.0	0.0	76.7	-	-	-	0.0	-	-	-	-	-
67.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
67.0	60.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
70.0	55.0	-	12.6	-	-	-	-	-	-	-	-	-
73.0	65.0	0.0	1.5	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
77.0	51.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
80.0	51.0	0.0	5.2	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	0.0	0.0	12.4	-	-	0.0	-	-	0.0	-	-
80.0	55.0	0.0	3.0	0.0	-	-	0.0	-	-	-	0.0	-
82.0	47.0	28.6	15.8	-	-	-	0.0	-	-	-	-	-
83.0	40.0	1.7	21.7	-	-	-	0.0	-	-	-	-	-
83.0	43.0	9.8	-	-	-	-	0.0	-	-	-	-	-
87.0	33.0	40.9	8.4	-	-	-	35.8	-	-	-	-	-
87.0	40.0	0.0	0.0	-	-	-	12.6	-	-	-	-	-
90.0	28.0	0.0	0.0	-	-	-	0.0	-	0.0	-	-	-
90.0	32.0	0.0	3.2	17.5	-	-	0.0	-	0.0	-	-	-
93.0	27.0	13.7	0.0	0.0	-	-	0.0	-	-	-	-	-
93.0	28.0	9.4	0.0	-	-	-	0.0	-	-	-	-	-
93.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	31.4	0.0	-	-	-	-	-	-	-	-	-
97.0	30.0	6.7	0.0	-	-	-	-	-	-	-	-	-
100.0	29.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
100.0	30.0	3.2	0.0	-	-	-	0.0	-	-	0.0	-	-
103.0	29.0	1.6	5.5	-	-	-	-	-	-	-	-	-
103.0	30.0	0.0	6.5	-	-	-	-	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	0.0	0.0	-	-	-	11.2	-	-	-	-	-
110.0	32.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
120.0	24.0	2.5	0.0	-	-	-	46.8	-	-	0.0	-	-
120.0	25.0	8.6	0.0	-	-	-	0.0	-	-	0.0	-	-
120.0	30.0	5.8	0.0	-	-	-	0.0	-	-	0.0	-	-
120.0	40.0	7.2	0.0	-	-	-	0.0	-	-	0.0	-	-
123.0	36.0	5.7	0.0	-	-	-	0.0	-	-	-	-	-
127.0	34.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	28.0	0.0	0.0	-	0.0	-	9.7	-	-	0.0	-	-
133.0	23.0	0.0	0.0	-	-	-	8.6	-	-	-	-	-
140.0	35.0	0.0	-	-	-	0.0	-	-	-	-	6.0	-
150.0	30.0	0.0	-	-	-	6.7	-	-	-	-	0.0	-

Serranidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	0.0	0.0	0.0	-	-	0.0	-	3.4	-	-	-
90.0	32.0	0.0	0.0	0.0	-	-	11.3	-	0.0	-	-	-
117.0	30.0	0.0	0.0	-	-	-	22.7	-	-	-	-	-
117.0	60.0	0.0	0.0	-	-	-	23.4	-	-	-	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	9.7	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	9.0	-	-
130.0	28.0	0.0	0.0	-	0.0	-	0.0	-	-	7.7	-	-
130.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	4.7	-	-
130.0	35.0	0.0	0.0	-	0.0	-	0.0	-	-	6.1	-	-
133.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	11.5	-	-
140.0	23.0	0.0	0.0	-	0.0	-	14.4	-	-	-	-	-
140.0	30.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0	35.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
140.0	70.0	-	-	-	-	0.0	-	-	-	-	2.9	-
150.0	25.0	0.0	-	-	-	236.0	-	-	-	-	30.9	-
150.0	30.0	0.0	-	-	-	13.5	-	-	-	-	0.0	-
157.0	10.0	3.2	-	-	-	0.0	-	-	-	-	3.0	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	45.0	0.0	-	-	-	6.7	-	-	-	-	0.0	-

Gempylidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	70.0	-	-	-	-	0.0	-	-	-	-	2.9	-
140.0	120.0	-	-	-	0.0	-	-	-	-	-	2.8	-
150.0	45.0	0.0	-	-	-	0.0	-	-	-	-	6.1	-
150.0	70.0	-	-	-	-	0.0	-	-	-	-	5.7	-
150.0	110.0	-	-	-	-	8.4	-	-	-	-	9.0	-
153.0	30.0	6.9	-	-	-	-	-	-	-	-	-	-
153.0	35.0	3.2	-	-	-	-	-	-	-	-	-	-
153.0	40.0	3.3	-	-	-	-	-	-	-	-	-	-
153.0	45.0	3.2	-	-	-	-	-	-	-	-	-	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	3.2	-
157.0	35.0	0.0	-	-	-	0.0	-	-	-	-	13.0	-
157.0	45.0	0.0	-	-	-	0.0	-	-	-	-	5.8	-

TABLE 4. (cont.)

Gempylidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	50.0	0.0	-	-	-	3.2	-	-	-	-	0.0	-
157.0	55.0	0.0	-	-	0.0	-	-	-	-	-	3.0	-

Auxis spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	0.0	-	-	-	24.3	-	-	-	-	0.0	-
150.0	30.0	0.0	-	-	-	33.7	-	-	-	-	0.0	-
157.0	10.0	0.0	-	-	-	90.5	-	-	-	-	0.0	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-

Sarda chiliensis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	35.0	0.0	0.0	-	-	-	25.4	-	-	-	-	-
117.0	60.0	0.0	0.0	-	-	-	35.2	-	-	-	-	-
137.0	40.0	0.0	32.0	-	-	-	0.0	-	-	-	-	-
140.0	40.0	6.8	-	-	-	0.0	-	-	-	-	0.0	-

Scomber japonicus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	30.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
97.0	40.0	0.0	0.0	-	-	-	21.0	-	-	-	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	2.4	-	-

Thunnus albacares

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	25.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	40.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-

Lepidopus xantusi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	0.0	0.0	-	0.0	-	0.0	-	-	3.0	-	-
110.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	67.0	-	-
110.0	50.0	0.0	0.0	-	0.0	-	12.1	-	-	49.6	-	-
110.0	55.0	0.0	0.0	-	0.0	-	0.0	-	-	70.2	-	-
123.0	42.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
123.0	60.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-

TABLE 4. (cont.)

Icichthys lockingtoni

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	60.0	0.0	-	-	3.6	-	-	-	-	0.0	-	-
40.0	70.0	-	-	-	0.0	-	-	-	-	11.8	-	-
40.0	80.0	-	-	-	3.5	-	-	-	-	6.0	-	-
40.0	90.0	-	-	-	4.1	-	-	-	-	3.2	-	-
43.0	65.0	23.4	-	-	-	0.0	0.0	-	-	-	-	-
47.0	65.0	11.0	-	-	-	0.0	0.0	-	-	-	3.0	-
50.0	50.0	0.0	-	-	0.0	0.0	0.0	-	-	-	5.4	-
50.0	55.0	0.0	14.8	-	0.0	0.0	0.0	-	-	-	-	-
53.0	60.0	-	12.7	-	-	2.9	0.0	-	-	-	-	-
57.0	80.0	-	-	-	-	0.0	0.0	-	-	-	0.0	-
57.0	90.0	-	0.0	-	-	0.0	0.0	-	-	-	0.0	-
60.0	50.0	3.2	0.0	0.0	-	0.0	0.0	-	-	-	2.5	-
60.0	55.0	0.0	0.0	0.0	-	0.0	0.0	-	-	-	0.0	-
60.0	60.0	0.0	5.4	0.0	-	12.5	0.0	-	-	-	0.0	-
60.0	60.0	9.3	0.0	0.0	-	0.0	0.0	-	-	-	3.3	-
60.0	65.0	0.0	0.0	0.0	-	0.0	0.0	-	-	-	0.0	-
60.0	70.0	-	3.2	2.6	-	0.0	0.0	-	-	-	0.0	-
60.0	80.0	-	0.0	0.0	-	23.6	0.0	-	-	-	0.0	-
60.0	90.0	-	0.0	-	-	0.0	0.0	-	-	-	-	-
63.0	55.0	3.4	0.0	-	-	0.0	0.0	-	-	-	-	-
63.0	60.0	6.5	1.5	-	-	0.0	0.0	-	-	-	-	-
63.0	65.0	0.0	0.0	-	-	25.0	0.0	-	-	-	-	-
63.0	80.0	-	9.2	-	-	12.1	0.0	-	-	-	-	-
67.0	50.0	6.6	0.0	-	-	0.0	0.0	-	-	-	-	-
67.0	55.0	2.9	3.7	-	-	0.0	0.0	-	-	-	-	-
67.0	60.0	0.0	9.0	-	-	0.0	0.0	-	-	-	-	-
67.0	65.0	9.2	7.0	-	-	0.0	0.0	-	-	-	-	-
67.0	70.0	0.0	1.6	-	-	13.0	0.0	-	-	-	-	-
67.0	80.0	-	0.0	-	-	0.0	0.0	-	-	-	0.0	-
70.0	53.0	8.8	0.0	6.2	-	0.0	0.0	-	-	-	2.9	-
70.0	60.0	6.3	6.3	0.0	-	0.0	0.0	-	-	-	8.2	-
70.0	65.0	3.4	3.0	0.0	-	12.2	0.0	-	-	-	0.0	-
70.0	70.0	0.0	6.4	0.0	-	0.0	0.0	-	-	-	0.0	-
70.0	80.0	3.5	3.3	3.9	-	14.2	0.0	-	-	-	0.0	-
73.0	50.0	-	0.0	-	-	0.0	0.0	-	-	-	-	-
73.0	53.0	3.1	1.6	-	-	0.0	0.0	-	-	-	-	-
73.0	60.0	7.0	0.0	-	-	0.0	0.0	-	-	-	-	-
73.0	65.0	7.1	9.1	-	-	-	-	-	-	-	-	-
73.0	70.0	6.8	7.0	-	-	-	-	-	-	-	-	-
73.0	80.0	3.9	19.7	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	0.0	-	-	-	-	-	-	-	-	-
77.0	55.0	8.3	20.6	-	-	0.0	0.0	-	-	-	-	-
77.0	60.0	6.8	3.3	-	-	23.8	0.0	-	-	-	-	-
77.0	65.0	16.5	18.1	-	-	12.9	0.0	-	-	-	-	-
77.0	70.0	20.0	87.6	-	-	0.0	0.0	-	-	-	-	-
77.0	80.0	0.0	16.5	-	-	-	-	-	-	-	-	-
77.0	90.0	3.5	1.5	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Icichthys lockingtoni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	0.0	6.1	0.0	-	-	0.0	-	-	-	0.0	-
80.0	60.0	11.3	28.4	0.0	-	-	0.0	-	-	-	0.0	-
80.0	70.0	3.8	12.3	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	6.6	24.5	0.0	-	-	3.2	-	-	-	0.0	-
80.0	90.0	7.1	20.7	6.7	-	-	0.0	-	-	-	0.0	-
82.0	47.0	4.3	0.0	-	-	-	0.0	-	-	-	-	-
83.0	55.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
83.0	70.0	4.5	5.9	-	-	-	0.0	-	-	-	-	-
83.0	80.0	11.1	0.0	-	-	-	0.0	-	-	-	-	-
83.0	90.0	3.4	3.2	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	9.5	-	-	-	0.0	-	-	-	-	-
87.0	55.0	8.2	17.0	-	-	-	0.0	-	-	-	-	-
87.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	3.1	-	-	-	0.0	0.0	-	-	-	-
90.0	53.0	2.5	0.0	0.0	-	-	0.0	-	-	-	-	-
90.0	60.0	0.0	3.2	0.0	-	-	0.0	-	-	-	-	-
90.0	70.0	0.0	0.0	3.0	-	-	0.0	0.0	-	-	-	-
90.0	80.0	0.0	9.0	0.0	-	-	0.0	0.0	-	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	0.0	0.0	-	-	-	-
93.0	55.0	-	0.0	0.0	-	-	0.0	-	-	-	-	-
93.0	60.0	2.6	6.2	-	-	-	0.0	-	-	-	-	-
93.0	70.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	90.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	35.0	0.0	3.9	-	-	-	0.0	-	-	-	-	-
97.0	55.0	10.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	90.0	0.0	13.2	-	-	-	0.0	-	-	0.0	-	-
100.0	29.0	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
100.0	40.0	7.6	0.0	0.0	-	-	0.0	-	-	0.0	-	-
100.0	60.0	3.4	0.0	0.0	-	-	0.0	-	-	0.0	-	-
100.0	70.0	0.0	3.2	0.0	-	-	0.0	-	-	0.0	-	-
100.0	80.0	0.0	9.1	0.0	-	-	0.0	-	-	0.0	-	-
103.0	50.0	12.8	0.0	-	-	-	0.0	-	-	-	-	-

Cubiceps pauciradiatus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
150.0	40.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
150.0	100.0	-	-	-	-	0.0	-	-	-	-	2.9	-
157.0	10.0	0.0	-	-	-	0.0	-	-	-	-	14.9	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	6.1	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	-	18.5	-
157.0	25.0	0.0	-	-	-	0.0	-	-	-	-	5.9	-

TABLE 4. (cont.)

Cubiceps pauciradiatus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	3.2	-
157.0	35.0	0.0	-	-	-	0.0	-	-	-	-	3.3	-
157.0	45.0	0.0	-	-	-	0.0	-	-	-	-	5.8	-
157.0	50.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-
157.0	55.0	0.0	-	-	-	0.0	-	-	-	-	6.0	-

Psenes pellucidus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	100.0	-	-	0.0	-	-	-	-	2.9	-	-	-
90.0	120.0	-	-	0.0	-	-	-	-	6.4	-	-	-
100.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	6.1	0.0	-
157.0	10.0	12.8	-	-	-	0.0	-	-	-	-	0.0	-
157.0	15.0	9.5	-	-	-	0.0	-	-	-	-	0.0	-

Psenes sio

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	90.0	-	-	-	2.9	-	-	-	-	0.0	-	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	-	6.2	-
157.0	25.0	0.0	-	-	-	0.0	-	-	-	-	8.9	-
157.0	50.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-

Peprilus similimus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	0.0	0.0	0.0	-	-	0.0	-	-	-	5.6	-
87.0	33.0	0.0	0.0	-	-	-	21.5	-	-	-	-	-
107.0	31.0	1.8	0.0	-	-	-	0.0	-	-	0.0	-	-
110.0	32.0	0.0	0.0	-	0.0	-	41.3	-	-	0.0	-	-
117.0	25.0	5.4	0.0	-	-	-	0.0	-	-	-	-	-
118.0	39.0	0.0	0.0	-	-	-	12.6	-	-	-	-	-
119.0	33.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
120.0	24.0	0.0	0.0	-	0.0	-	18.7	-	-	0.0	-	-
120.0	50.0	0.0	0.0	-	0.0	-	12.0	-	-	0.0	-	-
130.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
133.0	23.0	0.0	0.0	-	0.0	-	2.9	-	-	-	-	-

TABLE 4. (cont.)

Tetragonurus cuvieri

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	180.0	-	-	-	-	-	-	-	-	-	5.9	-
70.0	53.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.7	-
90.0	80.0	0.0	0.0	0.0	-	-	0.0	-	3.3	-	-	-
90.0	90.0	0.0	0.0	0.0	-	-	0.0	-	3.2	-	-	-
90.0	100.0	-	-	0.0	-	-	-	-	2.9	-	-	-
90.0	120.0	-	-	0.0	-	-	-	-	6.4	-	-	-
93.0	100.0	0.0	-	-	-	-	2.9	-	-	-	-	-
100.0	50.0	0.0	0.0	0.0	-	-	0.0	-	-	14.7	-	-
100.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	9.1	-	-
100.0	100.0	-	-	0.0	-	-	-	-	-	2.9	-	-
100.0	120.0	-	-	0.0	-	-	0.0	-	-	3.0	-	-
110.0	50.0	0.0	0.0	0.0	-	-	0.0	-	-	3.3	-	-
120.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	3.0	-	-

Chiasmodontidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
90.0	90.0	0.0	3.2	0.0	-	-	0.0	-	0.0	-	-	-
100.0	60.0	0.0	3.1	0.0	0.0	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	0.0	0.0	-	-	2.8	-	-	0.0	-	-
103.0	80.0	0.0	0.0	0.0	-	-	2.9	-	-	-	-	-
107.0	70.0	0.0	0.0	-	-	-	5.4	-	-	-	-	-
110.0	80.0	0.0	0.0	0.0	-	-	0.0	-	-	6.3	-	-
117.0	40.0	0.0	0.0	-	-	-	12.2	-	-	-	-	-
120.0	45.0	0.0	0.0	0.0	-	-	0.0	-	-	9.0	-	-
120.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	3.0	-	-
123.0	60.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
130.0	60.0	0.0	0.0	-	-	-	0.0	-	-	0.0	-	-
140.0	120.0	3.3	-	-	-	-	-	-	-	-	2.8	-
150.0	110.0	-	-	0.0	-	5.6	-	-	-	-	0.0	-
157.0	15.0	3.2	-	-	-	0.0	-	-	-	-	0.0	-

Uranoscopidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	80.0	-	-	-	-	3.0	-	-	-	-	0.0	-

Pleuronectiformes

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	-	-	-	0.0	-	-	-	-	-	-	-
43.0	50.0	-	-	-	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Pleuronectiformes (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
67.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	0.0	-
70.0	51.0	0.0	-	0.0	-	-	0.0	-	-	-	-	-
83.0	40.0	0.0	2.4	-	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	3.5	0.0	-	-	0.0	-	0.0	-	-	-

Bothidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-

Bothus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	80.0	3.2	0.0	-	0.0	-	0.0	-	-	0.0	-	-
140.0	30.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0	50.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
143.0	40.0	3.2	-	-	-	3.4	-	-	-	-	0.0	-
150.0	30.0	0.0	-	-	-	0.0	-	-	-	-	3.0	-
157.0	15.0	0.0	-	-	-	0.0	-	-	-	-	3.3	-
157.0	35.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-

Citharichthys spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	0.0	-	-	0.0	-	-	-	-	3.3	-	-
40.0	45.0	0.0	-	-	0.0	-	-	-	-	3.4	-	-
40.0	55.0	0.0	-	-	0.0	-	-	-	-	2.4	-	-
40.0	60.0	0.0	-	-	0.0	-	-	-	-	2.9	-	-
40.0	65.0	0.0	-	-	0.0	-	-	-	-	10.7	-	-
40.0	70.0	-	-	-	0.0	-	-	-	-	5.9	-	-
40.0	90.0	-	-	-	0.0	-	-	-	-	3.2	-	-
50.0	47.0	0.0	-	-	0.0	0.0	0.0	-	-	-	5.9	-
50.0	55.0	0.0	-	-	0.0	0.0	0.0	-	-	-	62.1	-
50.0	60.0	0.0	-	-	0.0	0.0	0.0	-	-	-	41.3	-
50.0	65.0	0.0	-	-	0.0	14.2	0.0	-	-	-	0.0	-
50.0	70.0	0.0	-	-	0.0	0.0	0.0	-	-	-	3.2	-
53.0	80.0	-	11.6	-	-	-	0.0	-	-	-	-	-
60.0	55.0	0.0	0.0	0.0	-	-	0.0	-	-	-	4.9	-
60.0	60.0	0.0	1.8	0.0	-	-	0.0	-	-	-	3.2	-
60.0	65.0	0.0	0.0	0.0	-	-	0.0	-	-	-	14.8	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	10.0	-
60.0	90.0	-	0.0	0.0	-	-	0.0	-	-	-	2.8	-
63.0	52.0	0.0	0.0	0.0	-	-	58.8	-	-	-	-	-
63.0	55.0	0.0	0.0	0.0	-	-	14.1	-	-	-	-	-
63.0	60.0	0.0	0.0	0.0	-	-	25.4	-	-	-	-	-
63.0	65.0	0.0	0.0	0.0	-	-	125.2	-	-	-	-	-
63.0	70.0	3.2	0.0	0.0	-	-	0.0	-	-	-	-	-
67.0	48.0	0.0	0.0	0.0	-	-	18.0	-	-	-	-	-
67.0	50.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
67.0	55.0	2.8	1.8	0.0	-	-	0.0	-	-	-	-	-
67.0	65.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
67.0	70.0	3.1	0.0	0.0	-	-	0.0	-	-	-	-	-
70.0	51.0	0.0	1.6	0.0	-	-	0.0	-	-	-	2.7	-
70.0	53.0	0.0	-	0.0	-	-	0.0	-	-	-	2.7	-
70.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.9	-
70.0	65.0	3.7	1.6	0.0	-	-	0.0	-	-	-	10.9	-
70.0	70.0	3.4	1.5	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	3.9	1.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	0.0	0.0	-	-	0.0	-	-	-	2.8	-
73.0	65.0	3.5	6.2	0.0	-	-	0.0	-	-	-	-	-
73.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
77.0	51.0	4.1	0.0	0.0	-	-	0.0	-	-	-	-	-
77.0	60.0	0.0	12.7	0.0	-	-	0.0	-	-	-	-	-
77.0	70.0	3.3	6.4	0.0	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	12.3	0.0	-	-	0.0	-	-	-	-	-
77.0	90.0	11.1	0.0	0.0	-	-	0.0	-	-	-	-	-
80.0	51.0	7.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	3.1	2.6	0.0	-	-	0.0	-	-	0.0	-	-
80.0	55.0	7.4	3.3	0.0	-	-	0.0	-	-	0.0	-	-
80.0	60.0	5.3	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	70.0	3.8	6.3	0.0	-	-	0.0	-	-	0.0	-	-
80.0	80.0	11.3	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	90.0	3.3	0.0	0.0	-	-	0.0	-	-	0.0	-	-
82.0	47.0	3.5	4.1	0.0	-	-	0.0	-	-	0.0	-	-
83.0	40.0	0.0	4.8	0.0	-	-	0.0	-	-	0.0	-	-
83.0	43.0	15.3	0.0	4.8	-	-	0.0	-	-	0.0	-	-
83.0	51.0	15.3	3.3	-	-	-	0.0	-	-	0.0	-	-
83.0	55.0	9.0	11.8	0.0	-	-	0.0	-	-	0.0	-	-
83.0	70.0	5.2	5.9	0.0	-	-	0.0	-	-	0.0	-	-
83.0	90.0	0.0	3.1	0.0	-	-	0.0	-	-	0.0	-	-
87.0	33.0	3.4	0.0	0.0	-	-	0.0	-	-	0.0	-	-
87.0	35.0	0.0	1.9	2.8	-	-	0.0	-	-	0.0	-	-
87.0	40.0	-	15.1	0.0	-	-	0.0	-	-	0.0	-	-
87.0	50.0	3.5	0.0	0.0	-	-	0.0	-	-	0.0	-	-
87.0	55.0	2.7	1.3	0.0	-	-	0.0	-	-	0.0	-	-
87.0	55.0	0.0	3.4	0.0	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	60.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	80.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	28.0	0.0	3.6	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	37.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	45.0	0.0	22.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	53.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	60.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	70.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	80.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	28.0	0.0	3.1	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	30.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	35.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	45.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	60.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	80.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	29.0	5.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	35.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	45.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	50.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	80.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	29.0	0.0	0.0	0.0	26.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0
100.0	30.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	14.2	0.0	0.0
100.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0
100.0	40.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	50.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	60.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	80.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	29.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	30.0	2.6	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	40.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	50.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	55.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	31.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	35.0	3.4	0.0	0.0	0.0	0.0	11.2	0.0	0.0	0.0	0.0	0.0
107.0	70.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	35.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	40.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	45.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	50.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0
110.0	55.0	0.0	0.0	3.6	0.0	0.0	48.3	0.0	0.0	0.0	0.0	0.0
113.0	35.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0
113.0	40.0	3.1	0.0	0.0	0.0	0.0	34.6	0.0	0.0	0.0	0.0	0.0
113.0	50.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	30.0	2.8	0.0	0.0	0.0	0.0	170.4	0.0	0.0	0.0	0.0	0.0
117.0	35.0	0.0	6.2	0.0	0.0	0.0	50.9	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	40.0	0.0	0.0	-	-	-	12.2	-	-	-	-	-
117.0	45.0	0.0	0.0	-	-	-	11.3	-	-	-	-	-
117.0	50.0	3.2	3.1	-	-	-	276.0	-	-	-	-	-
117.0	60.0	0.0	0.0	-	-	-	58.6	-	-	-	-	-
117.0	70.0	0.0	0.0	-	-	-	5.5	-	-	-	-	-
119.0	33.0	0.0	23.8	-	-	-	23.7	-	-	-	-	-
120.0	24.0	2.9	0.0	-	0.0	-	28.1	-	24.3	-	-	-
120.0	25.0	0.0	5.2	-	16.2	-	43.2	-	0.0	-	-	-
120.0	30.0	0.0	32.3	-	0.0	-	64.7	-	22.5	-	-	-
120.0	35.0	0.0	15.9	-	191.8	-	19.4	-	35.1	-	-	-
120.0	40.0	0.0	0.0	-	10.5	-	45.6	-	4.9	-	-	-
120.0	45.0	0.0	0.0	-	44.2	-	24.1	-	6.0	-	-	-
120.0	50.0	0.0	0.0	-	0.0	-	60.0	-	42.6	-	-	-
120.0	60.0	0.0	0.0	-	6.2	-	8.8	-	3.1	-	-	-
123.0	36.0	0.0	0.0	-	-	-	2.2	-	-	-	-	-
123.0	37.0	0.0	15.5	-	-	-	4.5	-	-	-	-	-
123.0	42.0	0.0	6.6	-	-	-	11.6	-	-	-	-	-
123.0	50.0	0.0	3.6	-	-	-	120.0	-	-	-	-	-
127.0	33.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	34.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
127.0	40.0	9.7	0.0	-	-	-	0.0	-	-	-	-	-
127.0	45.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
130.0	28.0	3.0	3.3	-	0.0	-	0.0	-	35.7	-	-	-
130.0	30.0	0.0	5.9	-	0.0	-	0.0	-	112.3	-	-	-
130.0	35.0	0.0	32.6	-	0.0	-	0.0	-	15.3	-	-	-
130.0	40.0	48.2	0.0	-	0.0	-	0.0	-	0.0	-	-	-
130.0	50.0	39.6	0.0	-	0.0	-	0.0	-	0.0	-	-	-
130.0	60.0	0.0	0.0	-	0.0	-	0.0	-	8.6	-	-	-
133.0	25.0	0.0	35.5	-	-	-	0.0	-	-	-	-	-
133.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
133.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
137.0	22.0	5.2	0.0	-	-	-	0.0	-	-	-	-	-
137.0	23.0	12.7	0.0	-	-	-	0.0	-	-	-	-	-
137.0	30.0	32.3	0.0	-	-	-	0.0	-	-	-	-	-
137.0	60.0	3.1	0.0	-	-	-	-	-	-	-	-	-
150.0	25.0	0.0	0.0	-	-	3.5	-	-	-	-	0.0	-
150.0	30.0	0.0	-	-	3.4	-	-	-	-	-	0.0	-
157.0	15.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-
157.0	20.0	0.0	-	-	3.2	-	-	-	-	-	3.1	-

Citharichthys stigmaeus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	-	-	-	0.0	-	-	-	-	3.1	-	-

TABLE 4. (cont.)

		<i>Citharichthys stigmæus</i> (cont.)											
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.	
50.0	50.0	0.0	-	-	0.0	-	0.0	-	-	-	11.8	-	
50.0	55.0	0.0	-	-	0.0	-	0.0	-	-	-	29.7	-	
50.0	80.0	12.4	-	-	0.0	-	0.0	-	-	-	0.0	-	
60.0	55.0	0.0	0.0	0.0	0.0	-	0.0	-	-	-	2.5	-	
60.0	70.0	3.3	0.0	0.0	0.0	-	0.0	-	-	-	3.2	-	
67.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	0.0	-	
67.0	55.0	3.1	1.8	-	-	-	0.0	-	-	-	-	-	
70.0	51.0	0.0	0.0	-	-	-	0.0	-	-	-	2.7	-	
70.0	53.0	0.0	0.0	-	-	-	0.0	-	-	-	5.4	-	
70.0	60.0	3.2	6.3	-	-	-	0.0	-	-	-	11.5	-	
70.0	65.0	0.0	1.5	-	-	-	0.0	-	-	-	8.2	-	
70.0	70.0	3.9	0.0	3.6	-	-	0.0	-	-	-	5.2	-	
70.0	80.0	3.5	0.0	3.9	-	-	0.0	-	-	-	0.0	-	
73.0	50.0	2.5	0.0	-	-	-	0.0	-	-	-	-	-	
73.0	53.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-	
73.0	60.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-	
73.0	65.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-	
73.0	70.0	0.0	1.6	-	-	-	0.0	-	-	-	-	-	
77.0	51.0	6.9	6.3	-	-	-	0.0	-	-	-	-	-	
77.0	55.0	4.2	5.9	-	-	-	11.6	-	-	-	-	-	
77.0	60.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-	
77.0	65.0	3.2	1.6	-	-	-	12.9	-	-	-	-	-	
77.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-	
80.0	52.0	10.4	0.0	-	-	-	0.0	-	-	0.0	-	-	
80.0	55.0	0.0	0.0	-	-	-	0.0	-	-	0.0	2.8	-	
80.0	60.0	3.6	15.8	-	-	-	0.0	-	-	0.0	6.3	-	
80.0	70.0	6.3	3.1	-	-	-	11.5	-	-	-	0.0	-	
80.0	90.0	4.1	0.0	0.0	-	-	0.0	-	-	-	0.0	-	
83.0	55.0	5.2	0.0	-	-	-	0.0	-	-	-	-	-	
83.0	70.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-	
83.0	80.0	11.1	0.0	-	-	-	0.0	-	-	-	-	-	
87.0	40.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-	
87.0	45.0	2.7	0.0	-	-	-	0.0	-	-	-	-	-	
87.0	50.0	3.5	22.3	-	-	-	0.0	-	-	-	-	-	
87.0	80.0	0.0	0.0	-	-	-	34.0	-	0.0	0.0	-	-	
90.0	32.0	0.0	0.0	-	-	-	11.2	-	0.0	0.0	-	-	
90.0	37.0	0.0	0.0	-	-	-	0.0	-	0.0	0.0	-	-	
90.0	45.0	0.0	0.0	-	-	-	0.0	-	0.0	0.0	-	-	
90.0	53.0	0.0	0.0	-	-	-	0.0	-	0.0	0.0	-	-	
90.0	80.0	2.9	0.0	-	-	-	0.0	-	0.0	0.0	-	-	
90.0	90.0	0.0	0.0	-	-	-	0.0	-	0.0	0.0	-	-	
93.0	35.0	3.0	0.0	-	-	-	12.0	-	0.0	-	-	-	
93.0	40.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-	
93.0	45.0	3.7	0.0	-	-	-	0.0	-	-	-	-	-	

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	55.0	3.2	0.0	-	-	-	12.7	-	-	-	-	-
93.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	80.0	0.0	0.0	-	-	-	8.6	-	-	-	-	-
97.0	32.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	55.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
97.0	80.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	29.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	0.0	-	3.3	-	0.0	-	-	0.0	-	-
100.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	6.7	-	-
100.0	50.0	5.4	0.0	-	0.0	-	0.0	-	-	0.0	-	-
100.0	60.0	6.7	0.0	-	0.0	-	0.0	-	-	0.0	-	-
103.0	45.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
103.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	1.8	0.0	-	-	-	0.0	-	-	-	-	-
107.0	40.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	50.0	3.2	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	50.0	0.0	0.0	-	0.0	-	0.0	-	-	-	-	-
117.0	45.0	0.0	0.0	-	-	-	11.3	-	-	-	-	-
117.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
120.0	45.0	0.0	0.0	-	0.0	-	12.0	-	-	0.0	-	-

Cyclopsetta spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	0.0	-	-	-	3.5	-	-	-	-	0.0	-

Hippoglossina stomata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	51.0	0.0	0.0	0.0	-	-	0.0	-	-	2.2	-	-
93.0	27.0	4.6	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	2.6	0.0	-	-	-	-	-	-	-	-	-
97.0	32.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	30.0	0.0	0.0	-	0.0	-	11.2	-	-	0.0	-	-
117.0	30.0	0.0	0.0	-	-	-	11.4	-	-	-	-	-
117.0	35.0	5.8	0.0	-	2.7	-	0.0	-	-	0.0	-	-
120.0	25.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
123.0	37.0	0.0	0.0	-	-	-	2.3	-	-	-	-	-
123.0	42.0	0.0	0.0	-	-	-	11.6	-	-	-	-	-
123.0	50.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
127.0	34.0	3.1	3.6	-	-	-	0.0	-	-	-	-	-
127.0	40.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
130.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	4.7	-	-

TABLE 4. (cont.)

Hippoglossina stomata (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	35.0	0.0	0.0	0.0	-	-	2.9	-	-	-	-	-
137.0	22.0	2.6	0.0	-	-	0.0	0.0	-	-	-	-	-
140.0	30.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-

Paralichthys californicus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
90.0	45.0	0.0	0.0	0.0	-	-	0.0	-	3.1	-	-	-
93.0	28.0	6.3	0.0	-	-	-	0.0	-	-	-	-	-
93.0	30.0	0.0	0.0	-	-	-	11.8	-	-	-	-	-
100.0	29.0	0.0	0.0	-	9.8	-	0.0	-	-	0.0	-	-
100.0	35.0	0.0	3.4	-	0.0	-	0.0	-	-	0.0	-	-
103.0	29.0	0.0	11.0	-	-	-	-	-	-	-	-	-
103.0	30.0	0.0	2.2	-	-	-	-	-	-	-	-	-
107.0	31.0	1.8	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	7.0	-	0.0	-	0.0	-	0.0	-	-	-
113.0	30.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
113.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	25.0	0.0	0.0	-	-	-	9.2	-	-	-	-	-
117.0	45.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
120.0	24.0	5.1	0.0	-	0.0	-	93.6	-	-	0.0	-	-
120.0	25.0	0.0	0.0	-	0.0	-	0.0	-	-	7.9	-	-
120.0	30.0	0.0	0.0	-	0.0	-	27.7	-	-	0.0	-	-
120.0	35.0	3.0	0.0	-	0.0	-	9.7	-	-	0.0	-	-
120.0	40.0	0.0	0.0	-	10.5	-	0.0	-	-	0.0	-	-
120.0	45.0	0.0	3.3	-	13.0	-	0.0	-	-	0.0	-	-
123.0	36.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
130.0	28.0	6.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
133.0	23.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
137.0	22.0	0.0	19.9	-	-	-	0.0	-	-	-	-	-
137.0	23.0	0.0	2.7	-	-	-	0.0	-	-	-	-	-
143.0	26.0	5.9	-	-	-	-	-	-	-	-	-	-

Syacium ovale

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	30.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
140.0	50.0	0.0	-	-	-	0.0	-	-	-	-	2.9	-
150.0	25.0	0.0	-	-	-	0.0	-	-	-	-	6.2	-
150.0	30.0	0.0	-	-	-	0.0	-	-	-	-	6.0	-
157.0	20.0	0.0	-	-	-	0.0	-	-	-	-	3.1	-

TABLE 4. (cont.)

Xystreureys liolepis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	0.0	-	0.0	-	19.4	-	-	0.0	-	-
120.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	2.4	-	-
130.0	28.0	3.0	3.3	-	0.0	-	0.0	-	-	0.0	-	-

Glyptocephalus zachirus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	14.6	-	-	0.0	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	3.5	-	-	-	-	0.0	-	-
60.0	52.0	0.0	0.0	0.0	-	-	16.5	-	-	-	0.0	-
60.0	55.0	0.0	6.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	60.0	0.0	1.8	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	0.0	4.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	70.0	3.3	0.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	0.0	0.0	-	-	3.0	-	-	-	0.0	-
63.0	52.0	0.0	1.3	-	-	-	11.8	-	-	-	-	-
67.0	55.0	0.0	14.8	-	-	-	0.0	-	-	-	-	-
70.0	53.0	0.0	1.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	1.7	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	6.1	0.0	-	-	0.0	-	-	-	-	-
83.0	51.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-

Hypsozetta guttulata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	28.0	0.0	0.0	0.0	-	-	0.0	-	6.8	-	-	-

Isopsetta isolepis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	0.0	-	-	49.1	-	-	-	-	0.0	-	-
40.0	40.0	0.0	-	-	3.5	-	-	-	-	0.0	-	-
60.0	50.0	0.0	0.0	6.6	-	-	0.0	-	-	-	0.0	-

Lepidopsetta bilineata

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	60.0	0.0	1.9	-	-	-	0.0	-	-	-	-	-
73.0	50.0	0.0	1.4	-	-	-	0.0	-	-	-	-	-
80.0	51.0	0.0	0.0	3.5	-	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Lyopsetta exilis

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	40.0	0.0	-	-	10.4	-	-	-	-	0.0	-	-
40.0	55.0	13.6	-	-	0.0	-	-	-	-	0.0	-	-
43.0	70.0	0.0	-	-	-	6.6	-	-	-	-	-	-
50.0	55.0	13.5	-	-	0.0	14.5	-	-	-	-	0.0	-
57.0	60.0	-	0.0	-	-	0.0	-	-	-	-	0.0	-
60.0	50.0	1.6	0.0	0.0	-	16.5	-	-	-	-	0.0	-
60.0	52.0	0.0	0.0	0.0	-	0.0	-	-	-	-	0.0	-
60.0	55.0	0.0	6.8	0.0	-	0.0	-	-	-	-	0.0	-
60.0	60.0	3.4	12.1	0.0	-	0.0	-	-	-	-	0.0	-
60.0	65.0	4.7	25.5	0.0	-	0.0	-	-	-	-	0.0	-
63.0	50.0	0.0	2.6	-	-	0.0	-	-	-	-	-	-
63.0	52.0	7.4	8.7	-	-	12.7	-	-	-	-	-	-
63.0	60.0	0.0	0.0	-	-	0.0	-	-	-	-	-	-
67.0	48.0	0.0	3.0	-	-	0.0	-	-	-	-	-	-
67.0	50.0	3.3	13.4	-	-	0.0	-	-	-	-	-	-
67.0	60.0	2.9	0.0	-	-	0.0	-	-	-	-	-	-
70.0	51.0	0.0	-	4.2	-	0.0	-	-	-	-	0.0	-
70.0	53.0	8.8	8.4	0.0	-	0.0	-	-	-	-	0.0	-
70.0	65.0	0.0	0.0	0.0	-	12.2	-	-	-	-	0.0	-
73.0	50.0	0.0	6.8	-	-	0.0	-	-	-	-	-	-
73.0	53.0	3.7	0.0	-	-	0.0	-	-	-	-	-	-
73.0	70.0	0.0	1.6	-	-	0.0	-	-	-	-	-	-
77.0	65.0	0.0	14.9	-	-	0.0	-	-	-	-	-	-
80.0	51.0	0.0	2.6	3.5	-	0.0	-	-	-	0.0	-	-
80.0	52.0	0.0	0.0	6.2	-	0.0	-	-	-	0.0	-	-
80.0	55.0	5.3	6.1	0.0	-	0.0	-	-	-	-	0.0	-
80.0	70.0	7.5	0.0	0.0	-	0.0	-	-	-	-	0.0	-
82.0	47.0	14.3	12.6	-	-	0.0	-	-	-	-	-	-
83.0	51.0	4.6	3.0	-	-	0.0	-	-	-	-	-	-
87.0	45.0	0.0	3.4	-	-	0.0	-	-	-	-	-	-
87.0	50.0	0.0	0.0	-	-	0.0	-	-	-	-	-	-
90.0	28.0	0.0	0.0	5.8	-	0.0	-	-	0.0	-	-	-
90.0	45.0	0.0	0.0	0.0	-	0.0	-	-	0.0	-	-	-
93.0	30.0	0.0	0.0	0.0	-	0.0	-	-	-	-	-	-
100.0	29.0	0.0	9.6	-	3.3	0.0	-	-	-	0.0	-	-
100.0	30.0	0.0	17.0	-	0.0	0.0	-	-	-	0.0	-	-
110.0	35.0	0.0	0.0	-	3.0	0.0	-	-	-	0.0	-	-
120.0	45.0	0.0	0.0	-	5.2	0.0	-	-	-	0.0	-	-

Microstomus pacificus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	50.0	-	-	-	0.0	-	-	-	-	0.0	-	-
40.0	55.0	14.6	-	-	3.3	-	-	-	-	0.0	-	-
40.0	65.0	0.0	-	-	3.7	-	-	-	-	0.0	-	-

TABLE 4. (cont.)

Microstomus pacificus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	80.0	0.0	-	-	3.0	-	3.1	-	-	-	0.0	-
60.0	80.0	-	0.0	2.6	-	-	0.0	-	-	-	0.0	-
63.0	52.0	0.0	0.0	-	-	-	11.8	-	-	-	0.0	-
70.0	70.0	3.7	0.0	0.0	-	-	0.0	-	-	-	0.0	-
73.0	53.0	0.0	0.0	-	-	-	12.0	-	-	-	-	-
73.0	65.0	0.0	3.1	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	1.6	-	-	-	-	-	-	-	-	-
77.0	65.0	0.0	6.6	-	-	-	0.0	-	-	-	-	-
80.0	90.0	0.0	0.0	13.3	-	-	0.0	-	-	-	0.0	-
87.0	55.0	4.1	3.4	-	-	-	0.0	-	-	-	-	-

Parophrys vetulus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	60.0	-	14.8	-	-	-	0.0	-	-	-	-	-
60.0	50.0	0.0	21.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	52.0	41.8	72.4	0.0	-	-	0.0	-	-	-	0.0	-
60.0	55.0	10.6	0.0	0.0	-	-	0.0	-	-	-	0.0	-
63.0	50.0	50.4	5.2	-	-	-	0.0	-	-	-	-	-
63.0	52.0	37.2	22.3	-	-	-	0.0	-	-	-	-	-
67.0	48.0	4.1	11.8	-	-	-	0.0	-	-	-	-	-
67.0	50.0	9.8	142.6	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	0.0	-
70.0	53.0	0.0	11.4	0.0	-	-	0.0	-	-	-	-	-
70.0	55.0	-	12.6	-	-	-	-	-	-	-	-	-
73.0	53.0	0.0	6.1	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	0.0	-	-	-	-	-	-	-	-	-
77.0	51.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
80.0	51.0	14.6	12.9	-	-	-	0.0	-	-	0.0	-	-
80.0	52.0	7.4	0.0	17.6	-	-	0.0	-	-	0.0	-	-
80.0	55.0	0.0	0.0	34.0	-	-	0.0	-	-	0.0	2.8	-
82.0	47.0	0.0	6.1	0.0	-	-	0.0	-	-	-	-	-
83.0	43.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
87.0	33.0	0.0	-	-	-	-	0.0	-	-	-	-	-
90.0	28.0	10.7	7.0	-	-	-	0.0	-	-	-	-	-
90.0	32.0	0.0	3.2	0.0	-	-	0.0	-	0.0	-	-	-
90.0	37.0	0.0	3.2	0.0	-	-	0.0	-	0.0	-	-	-
90.0	80.0	0.0	3.0	3.0	-	-	0.0	-	0.0	-	-	-
93.0	27.0	18.2	0.0	-	-	-	0.0	-	-	-	-	-
97.0	29.0	2.6	6.3	-	-	-	-	-	-	-	-	-
97.0	30.0	0.0	8.2	-	-	-	-	-	-	-	-	-
100.0	29.0	0.0	19.1	-	0.0	-	10.2	-	-	0.0	-	-
100.0	30.0	0.0	3.4	-	0.0	-	0.0	-	-	0.0	-	-
103.0	29.0	1.6	13.8	-	-	-	-	-	-	-	-	-
103.0	30.0	2.0	30.1	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

<i>Parophrys vetulus</i> (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	31.0	0.0	1.8	0.0	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
<i>Platichthys stellatus</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	-	0.0	13.2	-	-	0.0	-	-	-	0.0	-
60.0	52.0	-	3.5	21.4	-	-	0.0	-	-	-	0.0	-
67.0	48.0	-	0.0	5.9	-	-	0.0	-	-	-	-	-
<i>Pleuronichthys coenosus</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	51.0	0.0	0.0	3.0	-	-	2.5	-	-	-	-	-
93.0	45.0	0.0	0.0	0.0	-	-	12.5	-	-	-	-	-
<i>Pleuronichthys decurrens</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	90.0	3.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
77.0	55.0	0.0	0.0	5.9	-	-	0.0	-	-	-	-	-
77.0	70.0	3.3	0.0	0.0	-	-	0.0	-	-	-	-	-
80.0	52.0	0.0	0.0	3.3	-	-	0.0	-	-	0.0	-	-
80.0	60.0	3.8	0.0	0.0	-	-	0.0	-	-	-	0.0	-
87.0	50.0	0.0	0.0	6.4	-	-	-	-	-	-	-	-
97.0	70.0	0.0	2.7	0.0	-	-	0.0	-	-	-	-	-
<i>Pleuronichthys ritteri</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	32.0	0.0	3.0	0.0	-	-	0.0	-	-	-	-	-
120.0	24.0	0.0	2.5	0.0	-	-	18.7	-	-	17.0	-	-
120.0	25.0	0.0	0.0	0.0	-	-	0.0	-	-	13.2	-	-
123.0	36.0	0.0	0.0	0.0	-	-	2.2	-	-	-	-	-
130.0	28.0	0.0	0.0	0.0	-	-	0.0	-	-	0.0	-	-
143.0	26.0	-	3.0	-	-	-	-	-	-	-	-	-
<i>Pleuronichthys verticalis</i>												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	60.0	0.0	0.0	0.0	-	-	0.0	-	-	-	-	-
				0.0	-	-	-	-	-	-	3.1	-

TABLE 4. (cont.)

Pleuronichthys verticalis (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
83.0	43.0	3.3	-	-	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	0.0	8.7	-	-	0.0	-	3.4	-	-	-
90.0	37.0	0.0	6.5	0.0	-	-	0.0	-	0.0	-	-	-
93.0	28.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	29.0	0.0	3.2	-	0.0	-	0.0	-	-	0.0	-	-
100.0	30.0	0.0	0.0	-	3.3	-	0.0	-	-	0.0	-	-
103.0	29.0	0.0	5.5	-	-	-	-	-	-	-	-	-
103.0	30.0	0.0	12.9	-	-	-	-	-	-	-	-	-
107.0	31.0	0.0	0.0	-	-	-	-	-	-	-	-	-
107.0	32.0	1.8	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	32.0	0.0	0.0	-	2.5	-	0.0	-	-	0.0	-	-
117.0	25.0	0.0	0.0	-	-	-	9.2	-	-	-	-	-
120.0	24.0	0.0	0.0	-	0.0	-	9.4	-	-	0.0	-	-
120.0	30.0	0.0	0.0	-	0.0	-	9.2	-	-	0.0	-	-
120.0	40.0	0.0	0.0	-	0.0	-	2.3	-	-	0.0	-	-
120.0	45.0	0.0	0.0	-	2.6	-	0.0	-	-	0.0	-	-

Psettichthys melanostictus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	50.0	0.0	2.6	23.2	-	-	0.0	-	-	-	0.0	-
60.0	52.0	0.0	1.6	0.0	-	-	0.0	-	-	-	0.0	-
63.0	50.0	13.7	0.0	-	-	-	0.0	-	-	-	-	-
67.0	48.0	0.0	32.5	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	3.7	-	-	-	0.0	-	-	-	-	-
83.0	60.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
87.0	50.0	0.0	6.4	-	-	-	-	-	-	-	-	-

Symphurus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	50.0	0.0	0.0	-	-	-	24.0	-	-	-	-	-
117.0	60.0	0.0	0.0	-	-	-	11.7	-	-	-	-	-
120.0	24.0	0.0	0.0	-	0.0	-	0.0	-	-	12.2	-	-
120.0	25.0	0.0	0.0	-	0.0	-	10.8	-	-	26.4	-	-
120.0	30.0	0.0	0.0	-	0.0	-	37.0	-	-	27.5	-	-
120.0	40.0	0.0	0.0	-	0.0	-	11.4	-	-	19.4	-	-
120.0	45.0	0.0	0.0	-	0.0	-	0.0	-	-	12.0	-	-
130.0	28.0	0.0	0.0	-	0.0	-	0.0	-	-	7.7	-	-
130.0	30.0	0.0	0.0	-	0.0	-	0.0	-	-	30.4	-	-
130.0	35.0	0.0	0.0	-	0.0	-	0.0	-	-	24.5	-	-
130.0	40.0	0.0	0.0	-	0.0	-	0.0	-	-	2.9	-	-
133.0	23.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-

TABLE 4. (cont.)

<i>Symphurus</i> spp. (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	25.0	0.0	-	-	-	6.9	-	-	-	-	0.0	-
150.0	30.0	0.0	-	-	3.4	-	-	-	-	-	0.0	-
157.0	10.0	16.0	-	-	0.0	-	-	-	-	-	0.0	-
157.0	15.0	15.9	-	-	0.0	-	-	-	-	-	6.1	-
Disintegrated fish larva												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	0.0	-	-	0.0	-	-	-	-	3.8	-	-
40.0	55.0	0.0	-	-	6.5	-	-	-	-	0.0	-	-
40.0	65.0	0.0	-	-	3.7	-	-	-	-	0.0	-	-
40.0	80.0	-	-	-	3.5	-	-	-	-	0.0	-	-
43.0	42.0	12.1	-	-	-	0.0	0.0	-	-	-	-	-
43.0	50.0	0.0	-	-	-	12.4	12.4	-	-	-	-	-
43.0	70.0	0.0	-	-	-	3.3	3.3	-	-	-	-	-
47.0	50.0	10.8	-	-	-	0.0	0.0	-	-	-	-	-
47.0	60.0	11.5	-	-	-	0.0	0.0	-	-	-	-	-
50.0	55.0	0.0	-	-	0.0	-	-	-	-	-	2.7	-
50.0	70.0	0.0	-	-	0.0	-	0.0	-	-	-	3.2	-
50.0	100.0	-	-	-	0.0	-	0.0	-	-	-	3.1	-
57.0	51.0	-	13.7	-	-	-	-	-	-	-	-	-
57.0	90.0	-	-	-	-	-	2.9	-	-	-	-	-
60.0	50.0	3.2	0.0	-	-	-	0.0	-	-	-	0.0	-
60.0	52.0	0.0	15.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	55.0	3.5	20.5	0.0	-	-	0.0	-	-	-	0.0	-
60.0	65.0	0.0	14.4	0.0	-	-	13.0	-	-	-	0.0	-
60.0	70.0	0.0	16.5	0.0	-	-	0.0	-	-	-	0.0	-
60.0	80.0	-	8.4	0.0	-	-	0.0	-	-	-	0.0	-
60.0	90.0	-	11.1	0.0	-	-	0.0	-	-	-	0.0	-
60.0	100.0	-	-	5.9	-	-	-	-	-	-	0.0	-
60.0	120.0	-	-	0.0	-	-	-	-	-	3.1	-	-
63.0	50.0	2.3	10.3	-	-	-	0.0	-	-	-	-	-
63.0	52.0	0.0	3.7	-	-	-	0.0	-	-	-	-	-
63.0	60.0	0.0	28.5	-	-	-	0.0	-	-	-	-	-
63.0	65.0	6.7	0.0	-	-	-	0.0	-	-	-	-	-
63.0	70.0	0.0	0.0	-	-	-	12.4	-	-	-	-	-
67.0	55.0	2.9	7.4	-	-	-	0.0	-	-	-	-	-
67.0	60.0	2.9	0.0	-	-	-	0.0	-	-	-	-	-
67.0	80.0	-	7.0	-	-	-	13.0	-	-	-	-	-
70.0	51.0	6.0	-	0.0	-	-	0.0	-	-	-	0.0	-
70.0	53.0	0.0	0.0	0.0	-	-	13.0	-	-	-	2.7	-
70.0	60.0	0.0	7.3	0.0	-	-	0.0	-	-	-	5.8	-
70.0	65.0	0.0	12.6	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	0.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	3.9	0.0	-	-	0.0	-	-	-	0.0	-
70.0	80.0	0.0	5.0	0.0	-	-	0.0	-	-	-	0.0	-

TABLE 4. (cont.)

		Disintegrated fish larva (cont.)											
STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	50.0	-	2.5	8.2	-	-	-	0.0	-	-	-	-	-
73.0	53.0	0.0	0.0	6.4	-	-	-	0.0	-	-	-	-	-
73.0	60.0	0.0	3.1	12.4	-	-	-	0.0	-	-	-	-	-
73.0	65.0	0.0	0.0	15.2	-	-	-	-	-	-	-	-	-
73.0	70.0	0.0	20.7	11.4	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	0.0	11.4	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	6.5	8.4	-	-	-	0.0	-	-	-	-	-
77.0	48.0	0.0	17.5	0.0	-	-	-	0.0	-	-	-	-	-
77.0	51.0	0.0	3.4	6.4	-	-	-	0.0	-	-	-	-	-
77.0	55.0	3.4	4.2	7.6	-	-	-	0.0	-	-	-	-	-
77.0	60.0	3.4	0.0	32.5	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	3.2	4.8	-	-	-	0.0	-	-	0.0	-	-
80.0	51.0	4.9	0.0	2.6	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	0.0	20.8	0.0	15.4	-	-	0.0	-	-	0.0	-	-
80.0	60.0	7.5	0.0	0.0	0.0	-	-	0.0	-	-	-	3.1	-
80.0	70.0	0.0	3.2	0.0	0.0	-	-	0.0	-	-	-	0.0	-
80.0	80.0	0.0	0.0	0.0	4.2	-	-	0.0	-	-	-	0.0	-
80.0	90.0	0.0	4.1	3.1	0.0	-	-	3.8	-	-	-	0.0	-
83.0	40.0	35.6	5.1	0.0	-	-	-	0.0	-	-	-	-	-
83.0	43.0	35.6	0.0	-	-	-	-	0.0	-	-	-	-	-
83.0	55.0	5.2	3.3	0.0	-	-	-	0.0	-	-	-	-	-
83.0	60.0	0.0	3.5	0.0	-	-	-	0.0	-	-	-	-	-
83.0	70.0	0.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	3.0	-	-	-	3.0	-	-	-	-	-
83.0	90.0	0.0	0.0	3.0	-	-	-	2.9	-	-	-	-	-
87.0	33.0	0.0	1.9	0.0	-	-	-	0.0	-	-	-	-	-
87.0	45.0	6.1	0.0	10.1	-	-	-	0.0	-	-	-	-	-
87.0	55.0	4.1	3.2	0.0	-	-	-	0.0	-	-	-	-	-
87.0	60.0	7.7	0.0	0.0	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	0.0	9.7	-	-	-	0.0	-	-	-	-	-
87.0	80.0	0.0	7.7	0.0	-	-	-	0.0	-	-	-	-	-
90.0	28.0	0.0	3.6	0.0	0.0	-	-	0.0	-	3.4	-	-	-
90.0	37.0	0.0	3.7	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	45.0	0.0	13.9	3.2	2.6	-	-	0.0	-	0.0	-	-	-
90.0	53.0	0.0	7.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	60.0	0.0	0.0	5.8	0.0	-	-	0.0	-	0.0	-	-	-
90.0	70.0	0.0	3.4	0.0	6.1	-	-	3.5	-	0.0	-	-	-
90.0	80.0	2.9	0.0	0.0	0.0	-	-	0.0	-	0.0	-	-	-
90.0	90.0	5.1	0.0	0.0	6.9	-	-	0.0	-	0.0	-	-	-
90.0	100.0	-	-	0.0	3.1	-	-	-	-	2.9	-	-	-
93.0	27.0	0.0	4.6	0.0	-	-	-	0.0	-	-	-	-	-
93.0	28.0	0.0	9.4	0.0	-	-	-	0.0	-	-	-	-	-
93.0	55.0	-	6.5	3.3	-	-	-	0.0	-	-	-	-	-
93.0	60.0	0.0	0.0	0.0	-	-	-	2.8	-	-	-	-	-
93.0	70.0	3.2	0.0	0.0	-	-	-	0.0	-	-	-	-	-
93.0	80.0	6.6	0.0	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	90.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
97.0	30.0	4.4	0.0	-	-	-	0.0	-	-	-	-	-
97.0	32.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	35.0	2.9	0.0	-	-	-	23.5	-	-	-	-	-
97.0	50.0	0.0	0.0	-	-	-	10.7	-	-	-	-	-
97.0	55.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
97.0	60.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
97.0	80.0	0.0	3.3	-	-	-	0.0	-	-	0.0	-	-
97.0	90.0	0.0	0.0	-	6.5	-	10.2	-	-	0.0	-	-
100.0	29.0	0.0	0.0	-	0.0	-	11.2	-	-	0.0	-	-
100.0	30.0	0.0	0.0	-	3.1	-	0.0	-	-	0.0	-	-
100.0	35.0	3.2	6.8	-	13.2	-	12.6	-	-	3.4	-	-
100.0	40.0	0.0	3.3	-	0.0	-	0.0	-	-	0.0	-	-
100.0	60.0	13.4	0.0	-	0.0	-	0.0	-	-	6.2	-	-
100.0	80.0	3.4	0.0	-	3.2	-	0.0	-	-	0.0	-	-
100.0	90.0	0.0	2.9	-	0.0	-	0.0	-	-	2.9	-	-
100.0	100.0	-	-	-	0.0	-	-	-	-	3.0	-	-
100.0	120.0	-	-	-	3.1	-	-	-	-	0.0	-	-
100.0	140.0	-	-	-	11.8	-	-	-	-	0.0	-	-
103.0	29.0	0.0	2.8	-	-	-	0.0	-	-	-	-	-
103.0	50.0	3.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	55.0	2.8	0.0	-	-	-	0.0	-	-	-	-	-
103.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
103.0	70.0	5.8	0.0	-	-	-	0.0	-	-	-	-	-
107.0	32.0	0.0	0.0	-	-	-	11.2	-	-	-	-	-
107.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
107.0	40.0	10.6	0.0	-	-	-	0.0	-	-	-	-	-
107.0	50.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
107.0	70.0	0.0	0.0	-	-	-	8.1	-	-	-	-	-
107.0	80.0	0.0	0.0	-	-	-	2.9	-	-	-	-	-
110.0	32.0	0.0	2.3	-	0.0	-	10.3	-	-	0.0	-	-
110.0	35.0	3.3	0.0	-	12.0	-	0.0	-	-	0.0	-	-
110.0	40.0	3.2	0.0	-	0.0	-	0.0	-	-	0.0	-	-
110.0	55.0	0.0	0.0	-	0.0	-	0.0	-	-	3.2	-	-
110.0	60.0	0.0	0.0	-	0.0	-	0.0	-	-	3.1	-	-
110.0	70.0	0.0	3.1	-	0.0	-	5.7	-	-	0.0	-	-
110.0	80.0	0.0	0.0	-	0.0	-	2.8	-	-	0.0	-	-
113.0	30.0	2.9	3.3	-	-	-	0.0	-	-	-	-	-
113.0	45.0	0.0	0.0	-	-	-	2.6	-	-	-	-	-
113.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
113.0	70.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
117.0	26.0	0.0	3.2	-	-	-	32.3	-	-	-	-	-
117.0	30.0	0.0	0.0	-	-	-	11.4	-	-	-	-	-
117.0	70.0	0.0	0.0	-	-	-	11.0	-	-	-	-	-

TABLE 4. (cont.)

STATION	Disintegrated fish larva (cont.)											
	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	33.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	35.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	35.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	40.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	19.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	25.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	30.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	40.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	45.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	25.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	50.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	55.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.0	15.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Disintegrated fish larva (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	30.0	0.0	-	-	-	0.0	-	-	-	-	22.1	-
157.0	35.0	9.6	-	-	-	0.0	-	-	-	-	0.0	-
157.0	40.0	0.0	-	-	-	3.2	-	-	-	-	0.0	-
157.0	45.0	0.0	-	-	-	3.3	-	-	-	-	0.0	-
157.0	50.0	0.0	-	-	-	3.2	-	-	-	-	0.0	-
157.0	60.0	3.1	-	-	-	0.0	-	-	-	-	0.0	-
Unidentified fish larva												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
40.0	38.0	0.0	-	-	3.1	-	-	-	-	0.0	-	-
40.0	55.0	13.6	-	-	19.6	-	-	-	-	0.0	-	-
40.0	60.0	8.9	-	-	235.6	-	-	-	-	0.0	-	-
43.0	55.0	13.4	-	-	-	11.9	-	-	-	-	-	-
43.0	70.0	13.3	-	-	-	0.0	-	-	-	-	-	-
47.0	65.0	11.0	-	-	-	0.0	-	-	-	-	0.0	-
50.0	70.0	12.2	-	-	0.0	-	3.1	-	-	-	0.0	-
50.0	80.0	0.0	-	-	0.0	-	3.7	-	-	-	0.0	-
60.0	50.0	0.0	0.0	29.8	-	-	0.0	-	-	-	0.0	-
60.0	52.0	0.0	5.0	0.0	-	-	0.0	-	-	-	0.0	-
60.0	55.0	3.5	1.4	0.0	-	-	0.0	-	-	-	0.0	-
60.0	100.0	-	-	2.9	-	-	-	-	-	-	0.0	-
63.0	50.0	13.7	0.0	-	-	-	0.0	-	-	-	-	-
63.0	52.0	0.0	11.2	-	-	-	0.0	-	-	-	-	-
63.0	65.0	0.0	2.0	-	-	-	0.0	-	-	-	-	-
63.0	90.0	-	0.0	-	-	-	3.4	-	-	-	-	-
67.0	50.0	0.0	3.3	-	-	-	0.0	-	-	-	-	-
67.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	0.0	-
70.0	53.0	0.0	11.4	-	-	-	0.0	-	-	-	0.0	-
70.0	65.0	0.0	3.0	0.0	-	-	0.0	-	-	-	0.0	-
70.0	70.0	0.0	3.2	0.0	-	-	0.0	-	-	-	0.0	-
70.0	90.0	0.0	0.0	0.0	-	-	2.7	-	-	-	0.0	-
73.0	70.0	0.0	1.6	-	-	-	-	-	-	-	-	-
73.0	80.0	0.0	6.5	-	-	-	-	-	-	-	-	-
73.0	90.0	0.0	1.5	-	-	-	-	-	-	-	-	-
77.0	48.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
77.0	51.0	15.5	0.0	-	-	-	0.0	-	-	-	-	-
77.0	55.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
77.0	65.0	0.0	6.6	-	-	-	12.9	-	-	-	-	-
77.0	70.0	0.0	5.3	-	-	-	0.0	-	-	-	-	-
77.0	80.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
80.0	51.0	5.5	0.0	0.0	-	-	0.0	-	-	0.0	-	-
80.0	52.0	4.9	0.0	0.0	-	-	0.0	-	-	2.3	-	-
80.0	55.0	0.0	6.1	0.0	-	-	0.0	-	-	-	0.0	-
83.0	40.0	1.7	0.0	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)												
STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	55.0	10.3	0.0	0.0	0.0	0.0	0.0	-	-	-	-	-
83.0	70.0	0.0	3.1	0.0	-	-	0.0	-	-	-	-	-
87.0	33.0	0.0	5.6	-	-	-	21.5	-	-	-	-	-
87.0	45.0	0.0	6.7	-	-	-	0.0	-	-	-	-	-
87.0	55.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
87.0	60.0	3.8	0.0	-	-	-	0.0	-	-	-	-	-
87.0	70.0	-	6.5	-	-	-	0.0	-	-	-	-	-
87.0	90.0	-	3.1	-	-	-	0.0	-	-	-	-	-
90.0	28.0	24.9	0.0	0.0	-	-	0.0	13.6	-	-	-	-
90.0	37.0	0.0	3.2	6.4	-	-	0.0	0.0	-	-	-	-
90.0	45.0	0.0	0.0	2.6	-	-	0.0	0.0	-	-	-	-
90.0	80.0	4.6	0.0	0.0	-	-	2.9	0.0	-	-	-	-
90.0	90.0	0.0	3.2	0.0	-	-	0.0	3.2	-	-	-	-
90.0	100.0	-	-	0.0	-	-	-	5.8	-	-	-	-
90.0	120.0	-	-	0.0	-	-	-	9.6	-	-	-	-
90.0	140.0	-	-	0.0	-	-	-	9.7	-	-	-	-
93.0	35.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
93.0	40.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
93.0	80.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
93.0	100.0	-	-	-	-	-	2.9	-	-	-	-	-
97.0	29.0	0.0	0.0	-	-	-	-	-	-	-	-	-
97.0	40.0	0.0	0.0	-	-	-	10.5	-	-	-	-	-
97.0	55.0	0.0	0.0	-	-	-	10.7	-	-	-	-	-
100.0	29.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	30.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
100.0	90.0	0.0	3.1	-	-	-	0.0	-	-	-	-	-
100.0	100.0	0.0	0.0	-	-	-	-	-	-	-	-	-
100.0	120.0	-	-	0.0	-	-	-	-	-	-	-	-
103.0	45.0	2.9	3.1	-	-	-	0.0	-	-	-	-	-
103.0	80.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-
107.0	32.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
107.0	35.0	0.0	0.0	-	-	-	11.2	-	-	-	-	-
107.0	70.0	0.0	0.0	-	-	-	8.1	-	-	-	-	-
107.0	80.0	5.9	0.0	-	-	-	14.4	-	-	-	-	-
110.0	32.0	0.0	2.3	-	-	-	0.0	-	-	-	-	-
110.0	35.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	40.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
110.0	45.0	3.2	0.0	-	-	-	11.5	-	-	-	-	-
110.0	60.0	0.0	0.0	-	-	-	0.0	-	-	-	-	-
110.0	70.0	0.0	6.1	-	-	-	0.0	-	-	-	-	-
113.0	80.0	0.0	3.2	-	-	-	2.8	-	-	-	-	-
113.0	45.0	0.0	0.0	-	-	-	10.6	-	-	-	-	-
113.0	60.0	0.0	3.2	-	-	-	10.2	-	-	-	-	-
113.0	70.0	0.0	2.9	-	-	-	0.0	-	-	-	-	-

TABLE 4. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	80.0	0.0	3.2	-	-	-	2.7	-	-	-	-	-
117.0	25.0	0.0	0.0	-	-	-	27.5	-	-	-	-	-
117.0	26.0	0.0	0.0	-	-	-	10.8	-	-	-	-	-
117.0	30.0	0.0	0.0	-	-	-	45.4	-	-	-	-	-
117.0	35.0	0.0	0.0	-	-	-	25.4	-	-	-	-	-
117.0	70.0	0.0	3.4	-	-	-	0.0	-	-	-	-	-
117.0	80.0	0.0	0.0	-	-	-	3.0	-	-	-	-	-
119.0	33.0	0.0	8.9	-	-	-	0.0	-	-	-	-	-
120.0	24.0	0.0	0.0	-	0.0	-	0.0	-	-	7.3	-	-
120.0	25.0	0.0	0.0	-	0.0	-	10.8	-	-	7.9	-	-
120.0	30.0	0.0	0.0	-	0.0	-	101.6	-	-	0.0	-	-
120.0	35.0	0.0	0.0	-	0.0	-	19.4	-	-	0.0	-	-
120.0	40.0	0.0	0.0	-	0.0	-	114.0	-	-	4.9	-	-
120.0	45.0	0.0	0.0	-	44.2	-	48.2	-	-	0.0	-	-
120.0	60.0	0.0	0.0	-	0.0	-	35.2	-	-	0.0	-	-
120.0	70.0	0.0	0.0	-	2.9	-	5.7	-	-	5.9	-	-
120.0	80.0	0.0	3.3	-	0.0	-	5.9	-	-	3.0	-	-
123.0	36.0	14.1	2.9	-	-	-	0.0	-	-	-	-	-
123.0	37.0	8.5	0.0	-	-	-	0.0	-	-	-	-	-
123.0	50.0	0.0	0.0	-	-	-	12.0	-	-	-	-	-
123.0	60.0	0.0	0.0	-	-	-	5.6	-	-	-	-	-
127.0	50.0	0.0	0.0	-	-	-	14.5	-	-	-	-	-
127.0	60.0	0.0	0.0	-	-	-	5.7	-	-	-	-	-
130.0	28.0	0.0	0.0	-	0.0	-	0.0	-	-	0.0	-	-
130.0	35.0	3.1	3.3	-	0.0	-	0.0	-	-	0.0	-	-
130.0	50.0	6.6	3.1	-	6.0	-	0.0	-	-	0.0	-	-
130.0	60.0	0.0	0.0	-	24.1	-	2.6	-	-	2.9	-	-
130.0	70.0	-	-	-	22.6	-	-	-	-	8.6	-	-
130.0	80.0	-	-	-	5.9	-	-	-	-	0.0	-	-
133.0	23.0	0.0	0.0	-	-	-	5.8	-	-	-	-	-
133.0	30.0	0.0	3.0	-	-	-	0.0	-	-	-	-	-
133.0	35.0	6.3	0.0	-	-	-	0.0	-	-	-	-	-
133.0	40.0	0.0	3.2	-	-	-	0.0	-	-	-	-	-
133.0	50.0	0.0	0.0	-	-	-	23.5	-	-	-	-	-
133.0	60.0	3.2	0.0	-	-	-	0.0	-	-	-	-	-
137.0	22.0	15.5	0.0	-	-	-	17.9	-	-	-	-	-
137.0	23.0	2.5	0.0	-	-	-	14.8	-	-	-	-	-
137.0	35.0	3.1	0.0	-	-	-	0.0	-	-	-	-	-
137.0	40.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
137.0	50.0	3.3	0.0	-	-	-	0.0	-	-	-	-	-
137.0	60.0	15.6	0.0	-	-	-	0.0	-	-	-	-	-
140.0	30.0	6.4	-	-	-	0.0	-	-	-	-	0.0	-
140.0	55.0	3.5	-	-	-	0.0	-	-	-	-	11.5	-
140.0	80.0	-	-	-	-	6.1	-	-	-	-	2.9	-
140.0	120.0	-	-	-	3.0	-	-	-	-	-	0.0	-
143.0	55.0	6.7	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	35.0	3.1	-	-	-	-	-	-	-	-	-	-
147.0	45.0	19.7	-	-	-	-	-	-	-	-	-	-
147.0	55.0	12.8	-	-	-	-	-	-	-	-	-	-
147.0	60.0	3.3	-	-	-	-	-	-	-	-	-	-
150.0	25.0	0.0	-	-	17.4	-	-	-	-	-	6.2	-
150.0	30.0	3.4	-	-	6.7	-	-	-	-	-	9.0	-
150.0	35.0	61.7	-	-	0.0	-	-	-	-	-	0.0	-
150.0	40.0	40.9	-	-	0.0	-	-	-	-	-	0.0	-
150.0	45.0	23.4	-	-	0.0	-	-	-	-	-	3.1	-
150.0	50.0	9.7	-	-	19.4	-	-	-	-	-	6.2	-
150.0	55.0	6.9	-	-	6.5	-	-	-	-	-	2.9	-
150.0	60.0	3.2	-	-	0.0	-	-	-	-	-	0.0	-
150.0	110.0	-	-	-	5.6	-	-	-	-	-	9.4	-
153.0	20.0	7.1	-	-	-	-	-	-	-	-	-	-
153.0	30.0	10.4	-	-	-	-	-	-	-	-	-	-
153.0	40.0	10.0	-	-	-	-	-	-	-	-	-	-
153.0	60.0	3.0	-	-	-	-	-	-	-	-	-	-
157.0	10.0	0.0	-	-	14.6	-	-	-	-	-	3.0	-
157.0	15.0	9.5	-	-	0.0	-	-	-	-	-	9.1	-
157.0	20.0	9.6	-	-	0.0	-	-	-	-	-	6.2	-
157.0	25.0	0.0	-	-	3.1	-	-	-	-	-	26.6	-
157.0	30.0	3.1	-	-	0.0	-	-	-	-	-	12.6	-
157.0	35.0	3.2	-	-	0.0	-	-	-	-	-	9.8	-
157.0	40.0	6.2	-	-	0.0	-	-	-	-	-	12.5	-
157.0	45.0	0.0	-	-	0.0	-	-	-	-	-	5.8	-
157.0	50.0	12.1	-	-	0.0	-	-	-	-	-	9.2	-
157.0	55.0	12.0	-	-	0.0	-	-	-	-	-	0.0	-
157.0	60.0	0.0	-	-	24.2	-	-	-	-	-	3.0	-

TABLE 5. Summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1972 to 1981. Data for 1974, 1977, and 1980 represent single cruises that are part of surveys in 1975, 1978, 1978, and 1981, respectively. Taxa are listed in the same order as Table 4.

NAME	1972	1974	1975	1977	1978	1980	1981
<i>Albula vulpes</i>	1	-	-	-	-	-	-
Anguilliformes	26	2	8	-	3	-	-
<i>Etrumeus acuminatus</i>	4	-	15	-	9	-	-
<i>Opisthonema</i> spp.	-	-	1	-	1	-	-
<i>Sardinops sagax</i>	27	11	51	8	46	13	28
<i>Engraulis mordax</i>	548	155	842	47	454	47	417
<i>Argentina sialis</i>	54	6	59	7	30	13	45
<i>Microstoma microstoma</i>	33	8	40	3	45	6	31
<i>Microstoma candida</i>	44	-	26	-	25	-	18
<i>Nansenia crassa</i>	39	8	17	1	19	3	13
<i>Bathylagus</i> spp.	121	1	41	3	47	1	49
<i>Bathylagus longirostris</i>	1	-	-	-	5	-	-
<i>Bathylagus milleri</i>	13	5	13	-	8	4	2
<i>Bathylagus ochotensis</i>	345	13	273	29	387	13	244
<i>Bathylagus pacificus</i>	99	1	39	-	45	1	38
<i>Bathylagus wesethi</i>	164	15	156	20	298	11	127
<i>Leuroglossus stilbius</i>	387	52	363	28	218	22	298
<i>Bathylachnops exilis</i>	1	-	-	-	-	-	-
<i>Dolichopteryx longipes</i>	1	1	-	-	-	-	-
<i>Macropinna microstoma</i>	-	-	-	-	-	-	-
Osmeridae	5	-	-	-	1	-	-
Stomiiformes	8	1	1	-	5	-	3
Gonostomatidae	7	10	12	1	23	7	23
<i>Cyclothone</i> spp.	130	30	165	20	325	38	162
<i>Danaphos oculatus</i>	51	6	49	2	73	3	17
<i>Diplophos taenia</i>	47	-	1	-	2	-	-
<i>Gonostoma</i> spp.	-	-	-	-	2	-	1
<i>Ichthyococcus</i> spp.	7	1	8	2	40	4	18
<i>Valenciennellus stellatus</i>	8	-	1	-	3	1	1
<i>Vinciguerrria lucetia</i>	271	48	164	40	379	65	222
<i>Vinciguerrria poweriae</i>	1	-	-	-	30	-	-
Sternoptychidae	217	63	218	40	371	33	150
<i>Chauliodus macouni</i>	123	10	78	11	126	12	55
<i>Idiacanthus antrostomus</i>	25	18	30	8	67	3	9
<i>Aristostomias scintillans</i>	5	-	2	-	22	-	8
<i>Bathophilus</i> spp.	11	-	-	-	16	-	-
<i>Eustomias</i> spp.	1	-	-	-	1	-	-
Photonectes spp.	-	-	1	-	6	-	2
<i>Tactostoma macropus</i>	5	-	-	-	7	-	5
<i>Stomias atriventer</i>	117	9	59	6	110	11	77
Myctophiformes	2	-	-	-	-	-	-
Evermannellidae	1	-	-	-	-	-	1
Paralepididae	32	5	17	-	16	-	9
<i>Lestidiops ringens</i>	82	16	39	11	63	11	58
<i>Notolepis risso</i>	10	-	5	1	17	-	5
<i>Stemonosudis macrura</i>	2	-	-	-	1	-	-
<i>Sudis atrox</i>	-	-	-	-	5	-	-

TABLE 5. (cont.)

NAME	1972	1974	1975	1977	1978	1980	1981
<i>Aulopus</i> spp.	6	-	-	-	1	1	-
<i>Scopelosaurus</i> spp.	11	1	10	-	23	1	9
Scopelarchidae	-	-	2	-	3	1	2
<i>Benthalbella</i> spp.	6	-	3	-	3	-	4
<i>Benthalbella dentata</i>	15	7	23	2	11	2	7
<i>Rosenblattichthys volucris</i>	16	-	2	-	21	-	-
<i>Scopelarchoides nicholsi</i>	24	-	19	3	1	3	11
<i>Scopelarchus</i> spp.	123	12	80	6	32	17	159
Myctophidae	11	-	-	-	154	-	-
<i>Bolinichthys</i> spp.	68	5	66	5	2	18	80
<i>Ceratoscopus townsendi</i>	107	2	70	-	212	2	25
<i>Diaphus</i> spp.	14	2	5	-	141	1	5
<i>Lampadena urophaos</i>	281	35	151	16	19	32	168
<i>Lampanyctus</i> spp.	25	1	29	-	269	-	14
<i>Lampanyctus regalis</i>	187	11	149	8	63	16	81
<i>Lampanyctus ritteri</i>	7	-	13	-	147	-	2
<i>Notolychnus valdiviae</i>	9	-	6	-	31	-	8
<i>Notoscopelus resplendens</i>	-	-	-	-	58	-	-
<i>Parvilux ingens</i>	356	29	351	11	2	18	264
<i>Stenobranchius leucopsarus</i>	-	38	342	7	300	13	237
<i>Taaningichthys minimus</i>	218	-	-	-	1	-	-
<i>Triphoturus mexicanus</i>	6	-	3	-	330	-	-
<i>Triphoturus nigrescens</i>	-	-	-	-	-	-	-
<i>Bentosema pterota</i>	-	6	15	3	6	2	18
<i>Centrobranchus</i> spp.	-	22	141	14	24	19	60
<i>Diogenichthys</i> spp.	68	29	114	22	191	34	56
<i>Diogenichthys atlanticus</i>	201	-	7	-	168	-	6
<i>Diogenichthys laternatus</i>	15	9	14	1	20	5	8
<i>Electrona rissoi</i>	49	6	16	1	44	2	7
<i>Gonichthys tenuiculus</i>	2	-	-	-	5	-	-
<i>Hygophum</i> spp.	120	6	9	1	47	2	10
<i>Hygophum atratum</i>	12	-	3	1	29	-	2
<i>Hygophum reinhardtii</i>	2	-	-	1	9	-	3
<i>Loweina rara</i>	21	6	22	5	-	4	13
<i>Myctophum aurolateratum</i>	13	62	299	39	65	87	344
<i>Myctophum nitidulum</i>	388	14	120	6	361	-	-
<i>Protomyctophum crockeri</i>	14	14	215	-	179	11	91
<i>Protomyctophum thompsoni</i>	100	26	41	7	76	17	72
<i>Symbolophorus californiensis</i>	377	7	-	-	14	12	7
<i>Tarletonbeania crenularis</i>	11	-	-	-	-	-	-
<i>Synodus</i> spp.	37	-	-	-	-	-	-
<i>Bregmaceros</i> spp.	1	-	-	-	-	-	-
Gadidae	4	-	-	-	-	-	1
<i>Gadus macrocephalus</i>	-	-	-	-	-	-	-
<i>Microgadus proximus</i>	305	16	279	14	222	21	177
<i>Merluccius productus</i>	14	-	-	-	1	-	1
Moridae	1	-	-	-	6	-	4
<i>Physiculus</i> spp.	18	-	3	-	-	-	-
Macrouridae	-	-	-	-	-	-	-

TABLE 5. (cont.)

NAME	1972	1974	1975	1977	1978	1980	1981
Ophidiiformes	9	-	15	-	18	-	19
<i>Brosomphycis marginata</i>	7	-	5	-	11	-	5
Carapidae	2	-	-	-	-	-	-
<i>Chilara taylori</i>	3	-	17	-	4	-	-
<i>Ophidion scrippsae</i>	7	6	18	-	6	-	1
<i>Porichthys</i> spp.	-	-	-	-	1	-	-
Antennariidae	1	-	-	-	-	-	-
Ceratioidei	6	1	11	-	4	1	-
Lophiidae	1	-	-	-	-	-	-
Gobiesocidae	2	-	10	-	3	-	-
Exocoetidae	-	-	1	-	1	-	3
Hemiramphidae	-	-	-	-	-	-	1
<i>Oxyporhamphus micropterus</i>	1	-	-	-	-	-	-
<i>Cololabis saira</i>	31	1	7	-	10	3	7
Atherinidae	3	3	7	-	13	1	3
Trachipteridae	56	7	18	2	10	1	5
Eutaeniophoridae	2	-	-	-	2	-	-
<i>Melamphaes</i> spp.	219	9	130	9	181	9	79
<i>Poromitra</i> spp.	15	-	18	2	42	2	21
<i>Scopeloberyx robustus</i>	-	-	-	-	5	-	-
<i>Scopelogadus bispinosus</i>	21	4	5	3	19	-	4
<i>Macroramphosus gracilis</i>	1	3	-	-	3	2	4
<i>Syngnathus</i> spp.	2	3	8	-	6	-	4
Agonidae	17	1	11	-	1	2	7
<i>Anoplopoma fimbria</i>	1	-	-	-	-	-	-
Cottidae	28	5	44	2	17	2	23
<i>Scorpaenichthys marmoratus</i>	13	3	15	-	6	3	-
Cyclopteridae	14	1	13	-	3	-	7
Hexagrammidae	16	-	1	-	2	-	-
<i>Ophiodon elongatus</i>	-	-	1	-	-	-	1
<i>Oxylebius pictus</i>	3	-	4	-	-	-	6
<i>Zaniolepis</i> spp.	6	2	23	4	11	3	5
Scorpaenidae	2	-	-	-	-	-	-
<i>Scorpaena</i> spp.	3	-	11	-	8	-	6
<i>Sebastes</i> spp.	509	94	560	30	429	52	379
<i>Sebastes aurora</i>	18	-	13	2	29	2	20
<i>Sebastes jordani</i>	90	1	42	-	47	1	22
<i>Sebastes levis</i>	13	-	17	-	8	-	5
<i>Sebastes macdonaldi</i>	15	-	21	-	17	-	8
<i>Sebastes paucispinis</i>	140	10	73	11	48	7	48
<i>Sebastes tobius</i> spp.	65	1	23	-	32	1	19
<i>Prionotus</i> spp.	6	-	12	-	7	-	3
Blennioidei	9	1	4	-	-	-	8
Bathymasteridae	1	-	-	-	-	-	-
<i>Hypsoblennius</i> spp.	16	6	82	-	50	2	19
Clinidae	30	9	67	2	23	3	17
Gobiidae	88	26	121	10	73	6	38
Microdesmidae	1	-	-	-	-	-	-
<i>Icosteus aenigmaticus</i>	12	-	1	-	2	-	3
Labridae	10	-	-	-	-	-	-

TABLE 5. (cont.)

NAME	1972	1974	1975	1977	1978	1980	1981
<i>Halichoeres</i> spp.	9	-	26	-	21	-	7
<i>Oxyjulis californica</i>	21	-	23	1	56	1	33
<i>Semicossyphus pulcher</i>	-	-	8	-	4	-	3
Pomacentridae	2	-	-	-	-	-	-
<i>Chromis punctipinnis</i>	2	-	22	1	14	-	16
<i>Hypsypops rubicundus</i>	-	-	3	-	-	-	1
<i>Mugil</i> spp.	2	-	-	-	1	-	-
<i>Howella brodiei</i>	2	-	1	-	9	-	-
<i>Brama</i> spp.	7	-	3	-	7	-	-
Carangidae	4	-	10	-	8	-	1
<i>Seriola lalandi</i>	1	-	5	-	7	-	1
<i>Trachurus symmetricus</i>	116	-	119	1	137	1	87
<i>Caristius macropus</i>	-	-	-	-	2	-	-
<i>Coryphaena hippurus</i>	6	1	4	-	2	-	3
Gerreidae	1	-	5	-	3	-	3
Haemulidae	1	-	8	-	12	-	2
<i>Girella nigricans</i>	1	-	1	1	3	-	2
<i>Medialuna californiensis</i>	2	-	3	-	1	-	-
<i>Caulolatilus princeps</i>	1	-	2	-	2	-	2
Sciaenidae	63	58	260	16	111	-	7
<i>Cheilotrema saturenum</i>	-	-	-	-	-	-	2
<i>Genyonemus lineatus</i>	-	-	-	-	-	15	64
<i>Roncador stearnsii</i>	-	-	-	-	-	-	1
<i>Seriphus politus</i>	-	-	-	-	-	-	26
Serranidae	21	-	55	1	32	1	26
Polynemidae	15	-	1	-	12	-	-
Gempylidae	-	-	1	-	1	-	1
Scombridae	4	-	-	-	2	-	-
<i>Auxis</i> spp.	-	-	-	-	1	-	-
<i>Euthynnus</i> spp.	4	-	3	-	1	-	1
<i>Sarda chiliensis</i>	3	-	8	-	61	-	86
<i>Thunnus japonicus</i>	2	-	-	-	-	-	-
<i>Thunnus albacares</i>	7	1	10	1	11	-	8
<i>Lepidopus xantusi</i>	-	-	9	-	5	-	14
<i>Sphyræna argentea</i>	140	6	46	2	73	-	22
<i>Icichthys lockingtoni</i>	-	-	-	-	1	-	-
<i>Cubiceps caeruleus</i>	12	-	-	-	-	-	-
<i>Cubiceps pauciradiatus</i>	5	-	-	-	6	-	-
<i>Psenes pellucidus</i>	5	-	-	-	-	-	-
<i>Psenes sio</i>	5	-	-	-	-	-	-
<i>Peprilus similimus</i>	11	6	54	3	65	-	31
<i>Tetragonurus cuvieri</i>	13	8	15	2	24	6	8
Chiasmodontidae	15	5	11	4	38	2	20
Uranoscopidae	1	-	-	-	-	-	-
pleuronectiformes	8	-	-	-	2	-	-
Bothidae	1	-	-	-	-	-	-
<i>Bothus</i> spp.	8	-	-	-	-	-	-
<i>Citharichthys</i> spp.	227	96	357	27	297	60	153
<i>Citharichthys stigmaeus</i>	92	33	133	20	131	24	63
<i>Cyclosetta</i> spp.	1	-	-	-	-	-	-

TABLE 5. (cont.)

NAME	1972	1974	1975	1977	1978	1980	1981
<i>Hippoglossina</i> spp.	-	-	-	-	1	-	-
<i>Hippoglossina stomata</i>	17	8	36	1	21	-	6
<i>Paralichthys californicus</i>	37	25	106	4	47	2	58
<i>Syacium ovale</i>	5	-	-	-	-	-	-
<i>Xystreurus liolepis</i>	5	4	12	1	5	-	3
<i>Glyptocephalus zachirus</i>	15	-	4	-	22	-	24
<i>Hypsosetta guttulata</i>	1	5	8	2	7	1	2
<i>Isopsetta isolepis</i>	3	-	-	-	1	-	-
<i>Lepidopsetta bilineata</i>	3	-	3	-	1	-	-
<i>Lyopsetta exilis</i>	54	-	20	-	41	2	57
<i>Microstomus pacificus</i>	17	1	9	-	28	-	14
<i>Parophrys vetulus</i>	53	6	50	1	20	-	38
<i>Platichthys stellatus</i>	6	-	1	-	7	-	2
<i>Pleuronichthys</i> spp.	-	1	1	-	-	-	1
<i>Pleuronichthys coenosus</i>	3	-	3	-	6	-	2
<i>Pleuronichthys decurrens</i>	8	1	3	-	1	-	1
<i>Pleuronichthys ritteri</i>	8	2	33	1	6	4	11
<i>Pleuronichthys verticalis</i>	21	1	100	2	22	2	24
<i>Psettichthys melanostictus</i>	8	-	2	-	7	-	1
<i>Symphurus</i> spp.	20	8	26	1	16	-	8
Disintegrated fish larva	258	27	196	8	224	22	147
Unidentified fish larva	222	21	183	12	162	15	109

TABLE 6. List of stations with two occupancies in one month during 1972.

Station	Month
60.0	52.0
60.0	55.0
60.0	60.0
60.0	65.0
60.0	70.0
60.0	80.0
60.0	90.0
63.0	52.0
63.0	55.0
63.0	60.0
63.0	65.0
63.0	70.0
63.0	80.0
63.0	90.0
67.0	50.0
67.0	55.0
67.0	60.0
67.0	65.0
67.0	70.0
67.0	80.0
67.0	90.0
70.0	53.0
70.0	60.0
70.0	65.0
70.0	70.0
70.0	80.0
70.0	90.0
73.0	50.0
73.0	53.0
73.0	60.0
73.0	65.0
73.0	70.0
73.0	80.0
73.0	90.0
77.0	51.0
77.0	55.0
77.0	60.0
77.0	65.0
77.0	70.0
77.0	80.0
77.0	90.0

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