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ICHTHYOPLANKTON AND STATION DATA FOR CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATIONS SURVEY CRUISES IN 1959

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U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
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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 1959. It is the ninth report in a series that presents these data for all biological-oceanographic CalCOFI surveys from 1951 to the present. A total of 2182 stations was occupied during 12 monthly multivessel cruises over the quarter-million square mile survey area which extends from the California-Oregon border to Cape 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 155 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 ninth 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 1959. 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.

Data resulting from CalCOFI surveys in 1959 have been published in a number of forms. Hydrographic data (Reid et al., 1965), zooplankton volumes (Thrailkill, 1963; Smith, 1971), and ichthyoplankton data for selected species (Kramer, 1971) were presented in standard formats. The latter lists counts for eggs and larvae of sardine and for larvae of northern anchovy (*Engraulis mordax*), jack mackerel (*Trachurus symmetricus*), Pacific mackerel (*Scomber japonicus*), Pacific hake (*Merluccius productus*), and rockfishes (*Sebastes* spp.). Also, length frequencies are listed for sardine, anchovy, jack mackerel, and Pacific mackerel larvae. Distribution maps of eggs and larvae of 5 of these taxa taken on CalCOFI surveys during 1959 are presented in the CalCOFI Atlas series (Kramer and Ahlstrom, 1968; Ahlstrom, 1969; Kramer, 1970; Ahlstrom et al., 1978). Other atlases provided distribution maps of 6 mesopelagic fish larvae (Ahlstrom, 1972) and 8 flatfish taxa (Ahlstrom and Moser, 1975) taken during 1959.

A computer data base for eggs and larvae of sardine and anchovy and for larvae of hake, and the two mackerels 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 1959 were subjected to an extensive verification and editing process to produce this report. This and previous (Ambrose et al., 1987a, b; Sandknop et al., 1987a, b,; Stevens et al., 1987a, b; Sumida et al., 1987a, 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 1959, CalCOFI survey cruises were conducted at monthly intervals. A total of 2182 stations included in this data base was occupied on 12 cruises, with an average of 182 stations per cruise (range of 39-270). This was the largest number of stations occupied on any annual CalCOFI plankton survey during the period 1951-1960. Coverage of the survey station pattern varied among cruises and the entire quarter-million

square mile survey area was not covered on any single cruise (Figures 1-13; Table 1). The area off northern California (lines 43-57) was covered on only one cruise, in October; 3 stations only were occupied in July. Coverage off central California (lines 60-70) was more consistent with stations occupied in January, April, May, July, and October. The area from just north of Pt. Conception, California to Pt. San Juanico, Baja California (lines 73 or 77-137) was surveyed monthly, except for March, when coverage began on line 83, and November and December when it extended south only to San Diego (line 93). The area off southern Baja California (lines 140-157) was surveyed in January, April (to line 147) and August (to line 153). Coverage extended seaward to station 145 (ca. 370-450 miles offshore) on two lines in May but typically did not extend beyond station 90 (ca. 160-250 miles offshore)[1]. Heaviest coverage was during January, April, May, and July when 250 or more stations were occupied on each cruise. Seventy-five or fewer stations were occupied in September, November, and December.

Seven vessels were employed on these cruises: the *Black Douglas* and *Hugh M. Smith* of NMFS and the *Spencer F. Baird*, *Horizon*, *Orca*, *Paolina T*, and *Stranger* of SIO. One to four vessels participated on each cruise with three being the usual number. The *Orca* was used on all cruises except 5911, the *Black Douglas* was used on 8 cruises (January, February, May-October), and the *Paolina T* was used on 7 (February-July, November). The other 4 vessels were used on a total of 6 cruises.

SAMPLING GEAR AND METHODS

The standard CalCOFI net used from 1949 to 1969 had a 1-m diameter mouth opening (0.785 m^2 area) and an overall length of about 5 m. The net was constructed of 30xxx gauze, a heavy duty grade of silk bolting cloth, with a mesh size of 0.55 mm after shrinkage. The last 40 cm of the cone and the cod end were constructed of 56xxx grit gauze which had a mesh size of 0.25 mm after shrinkage. On parts of 2 cruises during 1959 (5901, 5908)

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[1]CalCOFI lines (Figure 14) 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 Fig. 14 and Kramer et al., 1972 for further details).

the standard net was replaced with one constructed of nylon. Construction of the nets was similar; however, the nylon net had mesh sizes of 0.471 mm for the net body and 0.280 for the end of the cone and the cod end (Smith, 1971). The net ring 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 net mouth to measure volume of water filtered (see Kramer et al., 1972, for further details).

The standard tow from 1951 through 1968 was an oblique haul to 140 m depth (to 15 m of the bottom in shallow areas) designed to filter a constant amount of water per depth interval (ca. $3m^3/m$ 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 140 m depth by paying out 200 m of wire over a 4 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° (±3°) by adjusting the ship speed and course. On the leg of Cruise 5908 occupied by the *Hugh M. Smith*, from line 130 south (see Table 1), tow depth was notably less than usual. There was difficulty in maintaining ship speed less than 2 knots, which caused the net to fish shallower strata than desired and resulted in low standard haul factors.[2] 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 Ahlstrom (1953), 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). Zooplankton volumes (including ichthyoplankton) of samples collected in 1959 are listed in Thrailkill (1963) and presented graphically in Smith (1971).

Sorting involved the removal of ichthyoplankton from the sample and identification and separation of eggs and larvae of selected species (see introduction). Usually, each sample was sorted completely; however, some of the samples were fractioned into aliquots using a Folsom plankton splitter (McEwen et al.,

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[2]Blackburn, M. Preliminary cruise report of CalCOFI Cruise 5908-M.

1954) prior to sorting. Several criteria[3] were used to determine whether a sample was fractioned: samples containing an abundance of thaliacians and coelenterates and exceeding 150 ml in total plankton volume were fractioned (to 50%, 25%, 12.5%, or 6.25%) to approximate a reduced volume of 50 ml for sorting; samples with an excessive quantity of fish eggs and/or larvae were occasionally fractioned to expedite the sorting process in order to meet scheduled deadlines. If the identified fraction of an aliquot yielded rare or interesting species of fish larvae, the remaining fraction was frequently sorted and identified with the intent of finding additional specimens. Aliquot percentages for fractioned samples from 1959 are listed in Table 1 under the "Percent Sorted" column; in 1959 less than 2% of samples were fractioned.

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:

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

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 1959. Detailed descriptions of factors involved in calculating these values are presented in Ahlstrom (1948), Kramer et al. (1972), and Smith and Richardson (1977).

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[3]Personal communication, James R. Thrailkill, National Marine Fisheries Service, Southwest Fisheries Center, La Jolla, CA.

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 153 taxa was identified for 1959, with 82 taken to species, 33 to genus, 33 to family, and 5 to order. Some of the developmental series recognized originally could not be assigned scientific names, particularly in the Bathylagidae, Myctophidae, and Pleuronectiformes. These were given descriptive names, which later were changed to scientific names as they became known.

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. During the coding of the identification sheets, the "descriptive types" were assigned scientific names and reexamined, if necessary. 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 many cases, identifications of a taxon were inconsistent among cruises in a year, because of varying competency of identifiers. These records were made equitable by lumping to the higher taxonomic category to avoid biases that could result in quantitative misinterpretations.

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 1959 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.

Engraulidae - includes nearshore taxa (mostly *Anchoa* spp.) large enough to separate from *Engraulis mordax*. Some nearshore samples of small *E. mordax* may contain other anchovy genera, but 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.

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

Bathophilus spp. - all specimens checked.

Tactostoma macropus - all specimens checked.

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

Lampanyctus spp. - tentative and sporadic identifications to species (mostly descriptive types) lumped to genus; identification of *L. regalis* and *L. ritteri* begun in 1954.

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.

Diogenichthys atlanticus - all specimens at margins of range checked.

Diogenichthys laternatus - all specimens at margins of range checked.

Electrona rissoi - recognition of this species was inconsistent and others may be included in *Protomyctophum crockeri* or Myctophidae.

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

Myctophum aurolaternatum - all specimens checked; originally identified as "Astronesthidae".

Protomyctophum crockeri - some samples on northern lines may contain *P. thompsoni*, which was not identified at the time; specimens below line 130 checked.

Bregmaceros spp. - all gadiform types (see Index), except *Merluccius productus* and Macrouridae, reexamined.

Ophidiiformes - this category did not exist originally and ophidiiform larvae were included in *Brosmophysis marginata*, Carapidae, "*Otophidium*", "Zoarcidae", and "blenny"; identifications of *B. marginata* and Carapidae proved to be mostly correct and "Zoarcidae" to be a yet unidentified ophidiiform species; all "*Otophidium*" and "blenny" were reexamined; the former included primarily *Ophidion scrippsae*; "blenny" contained *O. scrippsae*, *C. taylori*, and other ophidiiform taxa in addition to true blennioids.

Ceratioidei - identifications of this group were inconsistent and additional specimens may be in the unidentified fish larva category.

Lophiidae - specimen 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.

Cottidae - some samples may include specimens of *Scorpaenichthys marmoratus*, hexagrammids (e.g., *Oxylebius pictus*, *Zaniolepis* spp.), and some blennioids (e.g., *Hypsoblennius* spp.).

Oxylebius pictus - all specimens checked; some reassigned to *Zaniolepis* spp.

Zaniolepis spp. - all specimens checked; some reassigned to *Oxylebius pictus*.

Sebastes spp. - category includes other scorpaenid genera, serranids, and other spiny-headed shorefishes, particularly in samples south of line 120.

Sebastolobus spp. - this category is underrepresented and additional specimens may be in *Sebastes* spp.

Hypsoblennius spp. - some specimens may remain in Cottidae.

Clinidae - some specimens remain in Cottidae or unidentified fish larva category.

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

Pomacentridae - specimens checked; now includes species other than *Chromis punctipinnis*, primarily in the south.

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

Mugil spp. - all specimens checked.

Apogonidae - all specimens checked.

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

Seriola spp. - specimens checked; probably *S. rivoliana*.

Seriola lalandi - all specimens checked.

Gerreidae - tentative and sporadic identification to genus were lumped to family.

Haemulidae - tentative and sporadic identification to genus were lumped to family.

Girella nigricans - all specimens checked.

Medialuna californiensis - all specimens checked.

Caulolatilus princeps - all specimens checked.

Mullidae - all specimens checked.

Priacanthidae - 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 reassigned when necessary.

Nomeidae - tentative identifications to genus lumped to family.

Pleuronectiformes - all available specimens of this category (originally called "flatfish") were examined and

reidentified; residuals are small, poorly preserved specimens.

Bothidae - all specimens examined and reassigned; most were assigned to various paralichthyid genera or to *Bothus* spp.

Citharichthys spp. - all larvae identified to genus or to a species of the genus from 1954 to 1960 were identified to species; residuals are small, poorly preserved specimens, or those with variable taxonomic characters.

Etropus spp. - larvae of this taxon were originally lumped with *Citharichthys* spp.; present records result from complete reidentification of *Citharichthys* spp.

Hippoglossina spp. - all specimens of this genus (originally called "pigmented bothid") were examined and assigned to *H. stomata*.

Paralichthys spp. - all specimens of this genus were examined and most were assigned to *P. californicus* or *Xystreurys liolepis*.

Syacium ovale - all specimens examined (originally called "spiny-headed bothid").

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

Glyptocephalus zachirus - all specimens examined.

Microstomus pacificus - all specimens examined.

Pleuronichthys spp. - all larvae of this genus and constituent species were examined and assigned to species; residuals are small, poorly preserved specimens.

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 (*Cololabis saira*); 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 (Moser et al., 1987) were conducted concurrently with editing procedures and provided cross-checks that allowed correction of errors.

SPECIES SUMMARY

Larvae of northern anchovy (*Engraulis mordax*) represented 44% of all fish larvae taken on CalCOFI cruises during 1959 and ranked third in number of occurrences (Tables 2, 3). The second most numerous species was the gonostomatid *Vinciguerria lucetia*, with 25% and the third was the myctophid *Triphoturus mexicanus*, with 7.2%; these species ranked first and second in occurrences. The first three species in both rankings accounted for more than 76% of all fish larvae collected in 1959. Pacific hake ranked 4th in numbers (3.8%) and 11th in occurrences; rockfish, *Sebastes* spp., ranked 5th in both number (2.4%) and occurrences. A deepsea smelt, *Leuroglossus stilbius*, ranked 6th in number and 13th in occurrences and three lanternfishes, *Stenobrachius leucopsarus*, *Diogenichthys laternatus*, and *Ceratoscopelus townsendi* ranked 7th, 8th, and 10th in numbers. The sardine, *Sardinops sagax*, ranked 9th (1.1% of larvae) but was 23rd in occurrences. Jack mackerel, *Trachurus symmetricus*, ranked 11th in numbers and 14th in occurrence. The 10 top-ranking taxa contributed 90% of all larvae taken during 1959; the remaining 10% was represented by 143 taxa plus the unidentified and disintegrated categories. Of the 10 most abundant taxa in 1959, 2 were coastal demersal species or genera, 6 were midwater species, and 2 were coastal pelagic species.

EXPLANATION OF TABLES

Table 1 - This table lists by cruise the pertinent station and tow data for 1959, 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 2-13). 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. Decimal fractions were used only on Cruise 5909. 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). The total egg number for station 73.51, Cruise 5902, >99,990, indicates that an estimated number of approximately 100,000 was arrived at by counting an aliquot. Ship codes are as follows: BD, *Black Douglas*; SB, *Spencer F. Baird*; HO, *Horizon*; OR, *Orca*; PT, *Paolina T*; HS, *Hugh M. Smith*; ST, *Stranger*.

Table 2 - This table lists pooled occurrences of all larval fish taxa taken during 1959 in ranked order.

Table 3 - This table lists pooled counts of all larval fish taxa taken during 1959 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 in the same 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 1951 to

1960. Taxa are listed in the same order as in Table 4.

Table 6 - List of stations with multiple occupancies in one month during 1959.

ACKNOWLEDGMENTS

Lois E. Hunter identified larvae from 9 cruises, about 84% of all samples collected in 1959; E. H. Ahlstrom and David Kramer identified the remaining samples. Ronald Whyte and Douglas Hammond coded each larval fish taxon or type and entered them into the computer. Debby Snow efficiently assisted in all aspects of data editing and retrieval. Cindy Meyer, Larry Zins, 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 and Diane Forsythe 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 and Reuben Lasker, Chief, Coastal Fisheries Resources Division, SWFC, provided the support critical to the completion of the project. James Thrailkill 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.

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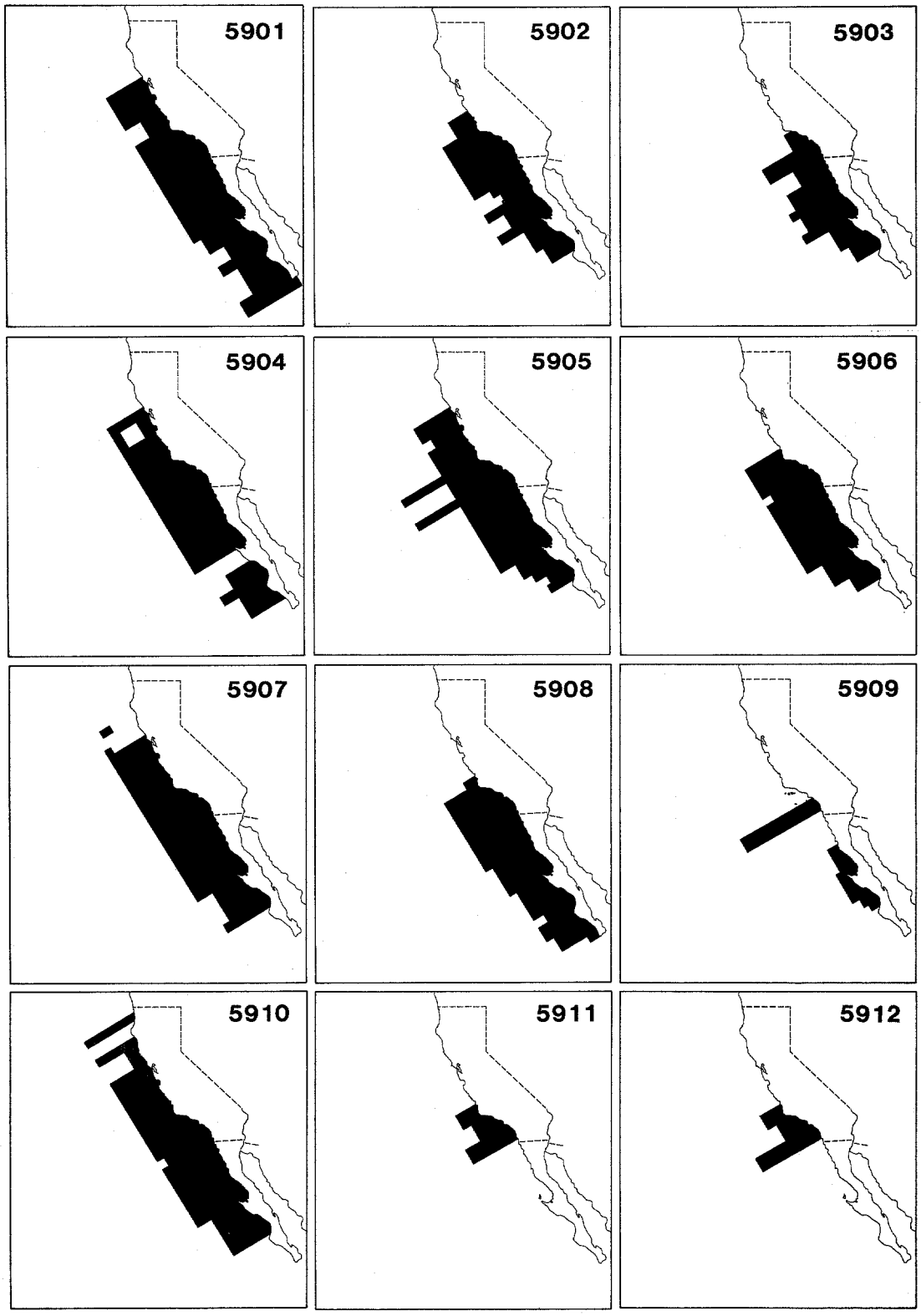

Figure 1. Composite arrangement of diagrammatic charts showing areas sampled on each CalCOFI cruise during 1959.

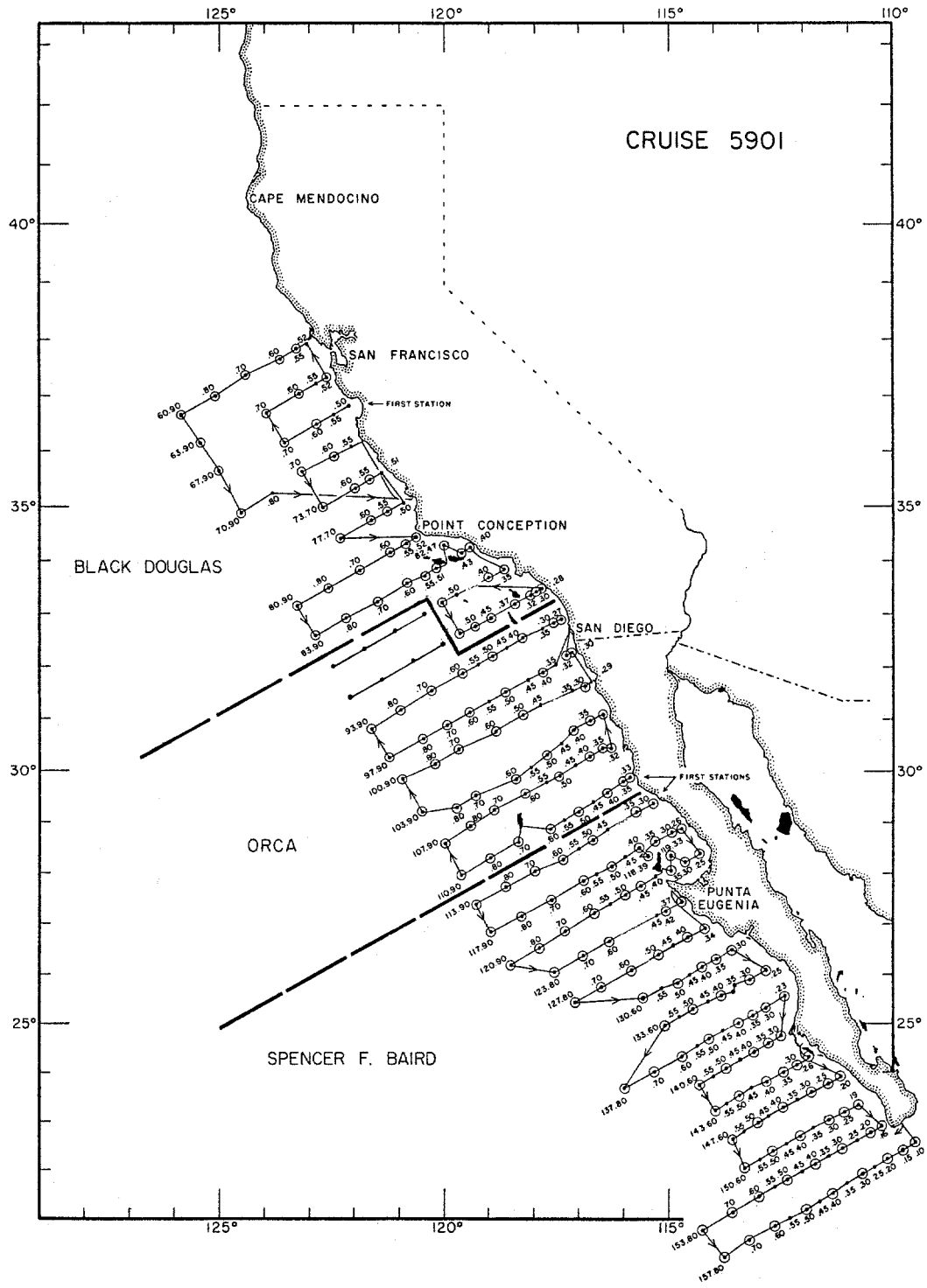

Figure 2. Station pattern for CalCOFI Cruise 5901 showing tracks for each vessel. Stations with plankton tows only are indicated by a dot; those with plankton tows and hydrographic measurements are shown by a dot and circle. Modified from charts in Reid et al. (1965) to include only those stations listed in Table 1 of this report.

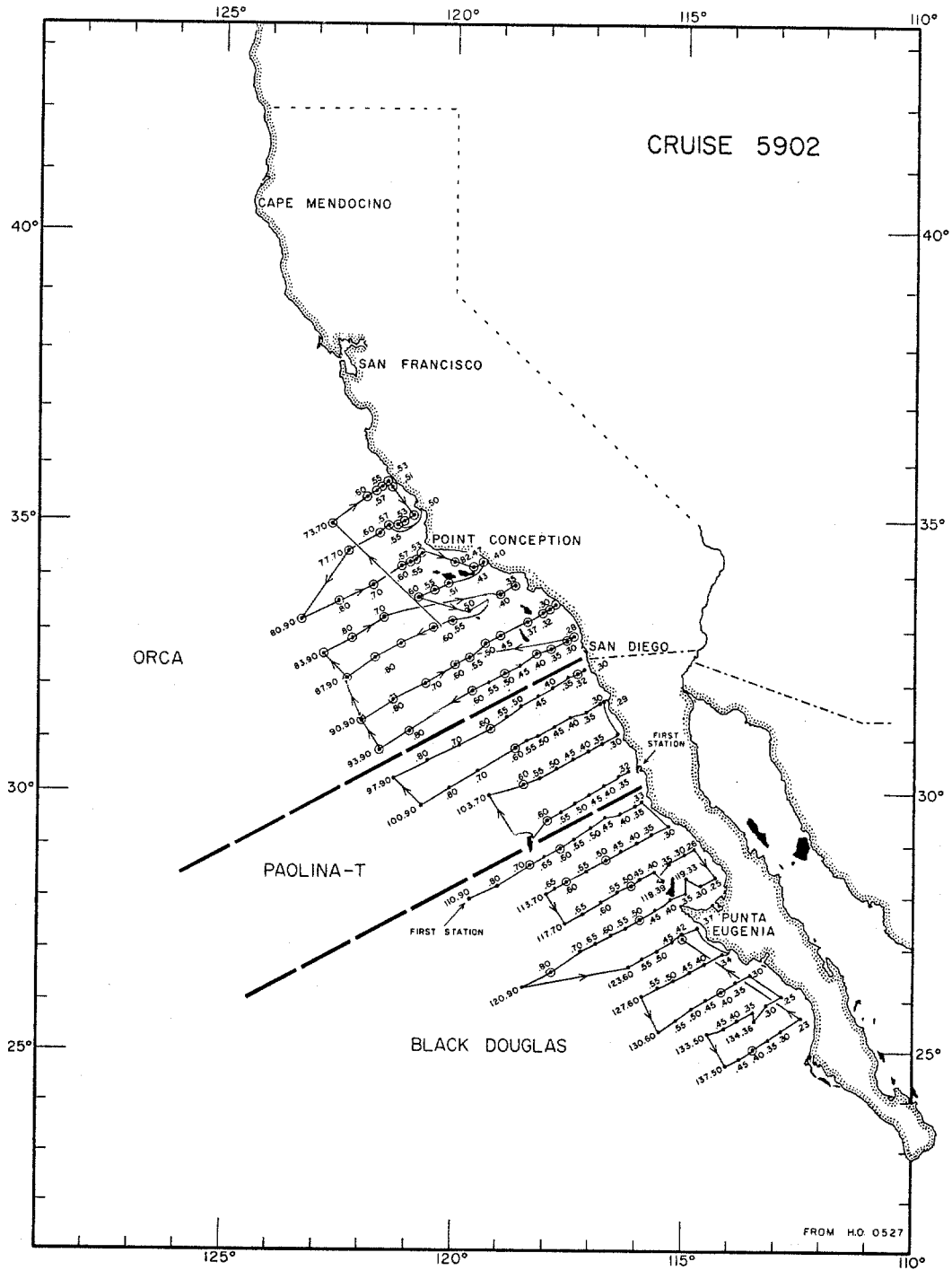

Figure 3. Station pattern for CalCOFI Cruise 5902. Symbols as in Figure 2.

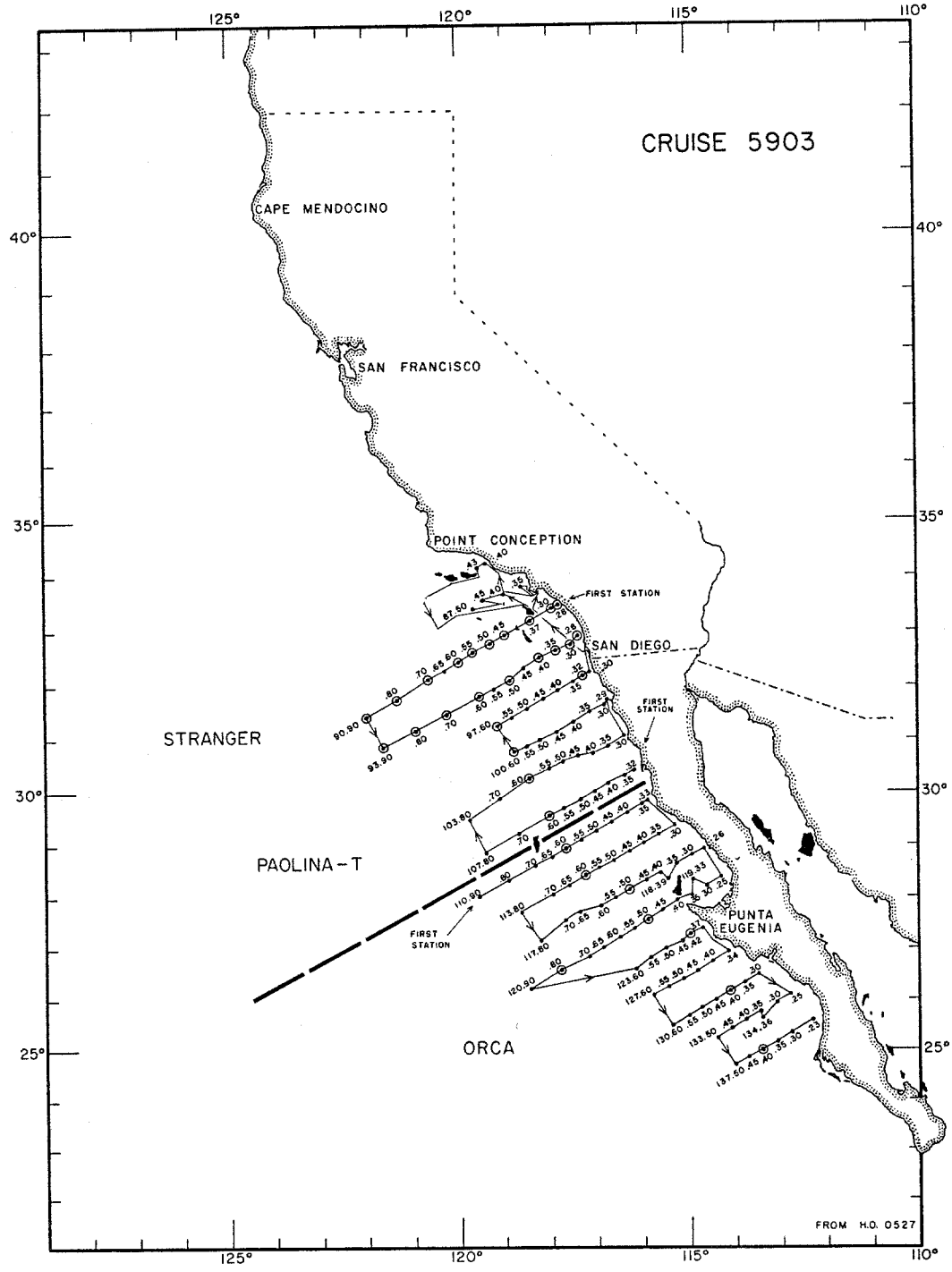

Figure 4. Station pattern for CalCOFI Cruise 5903. Symbols as in Figure 2.

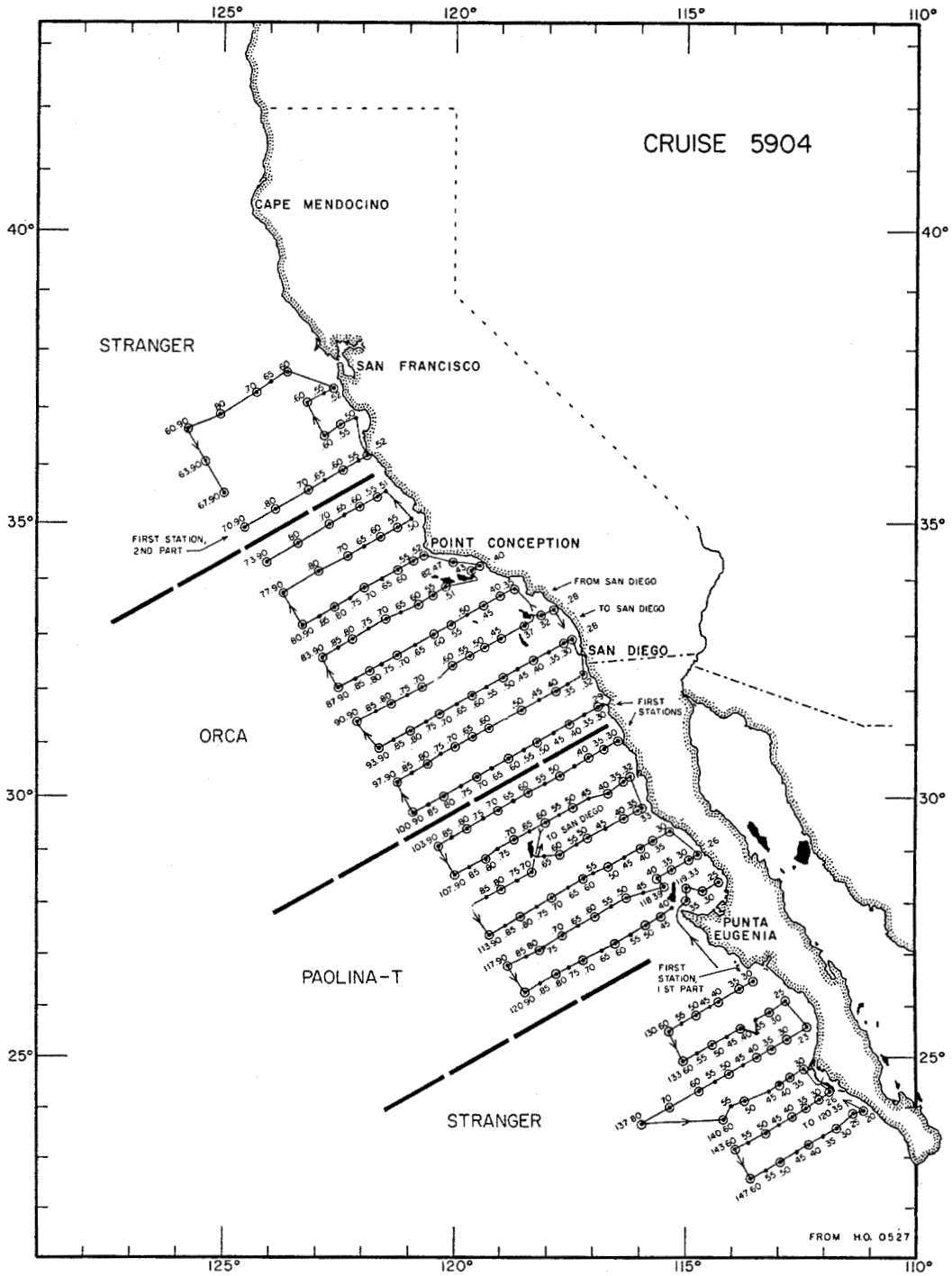

Figure 5. Station pattern for CalCOFI Cruise 5904. Symbols as in Figure 2.

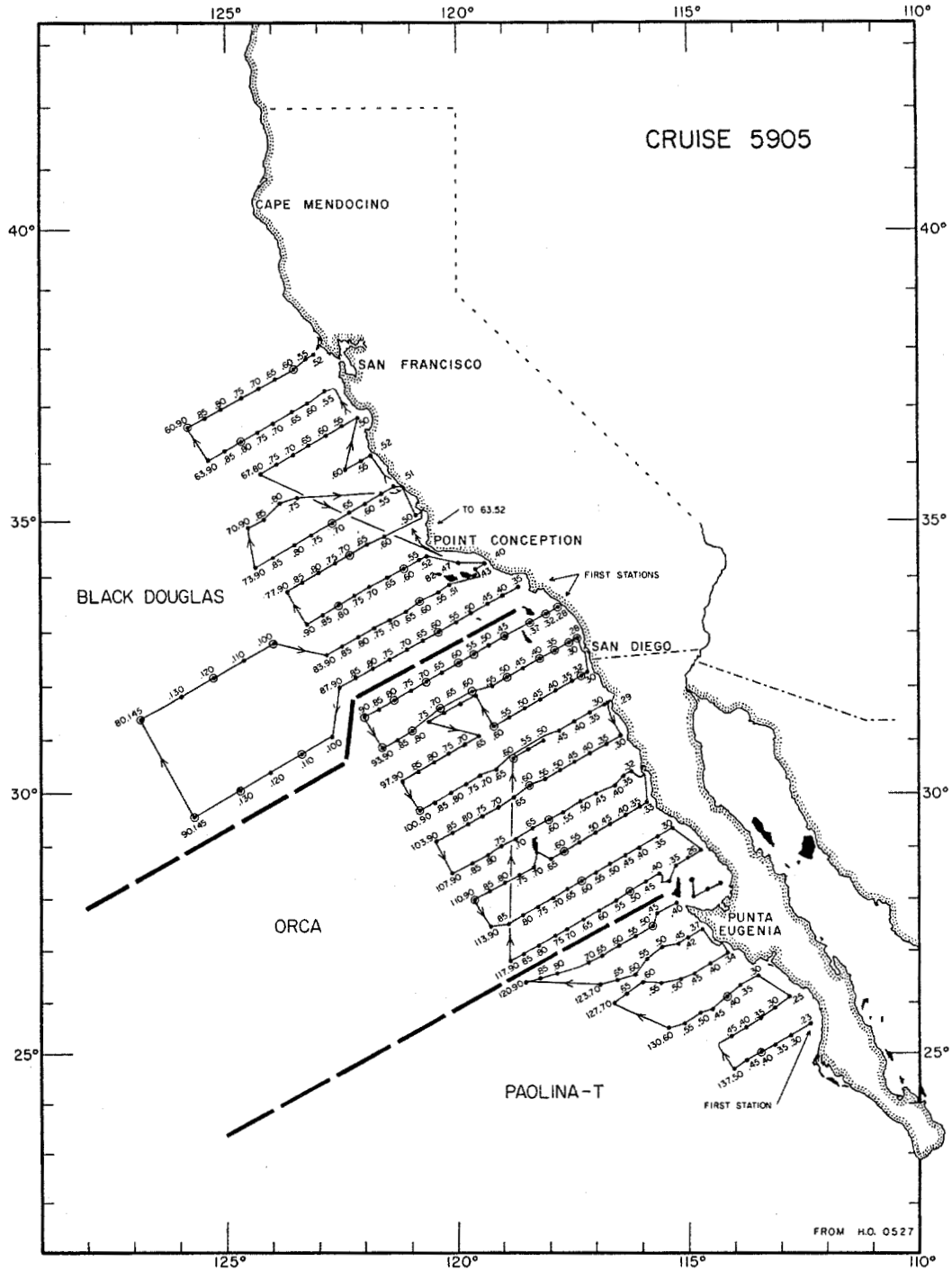

Figure 6. Station pattern for CalCOFI Cruise 5905. Symbols as in Figure 2.

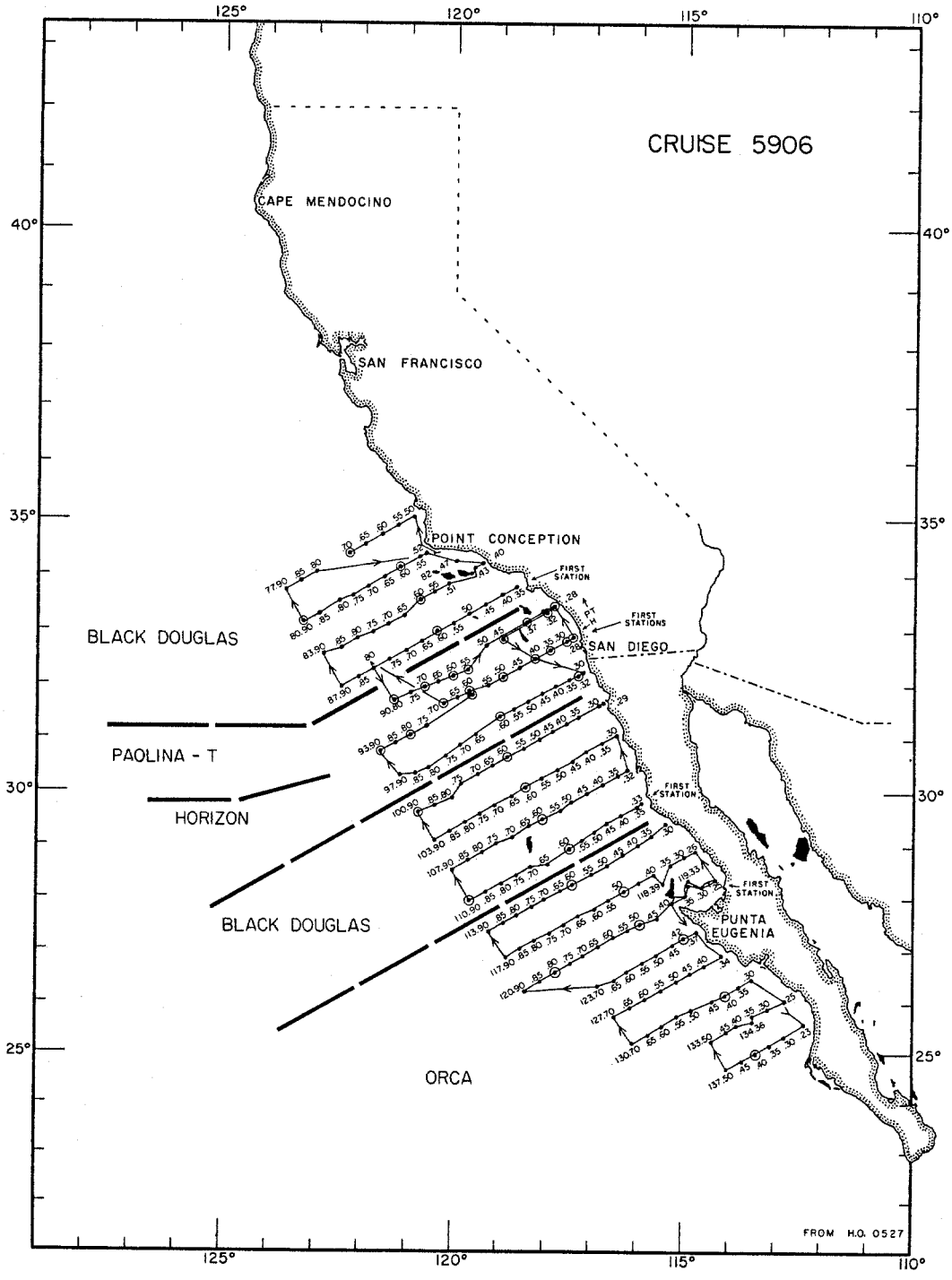

Figure 7. Station pattern for CalCOFI Cruise 5906. Symbols as in Figure 2.

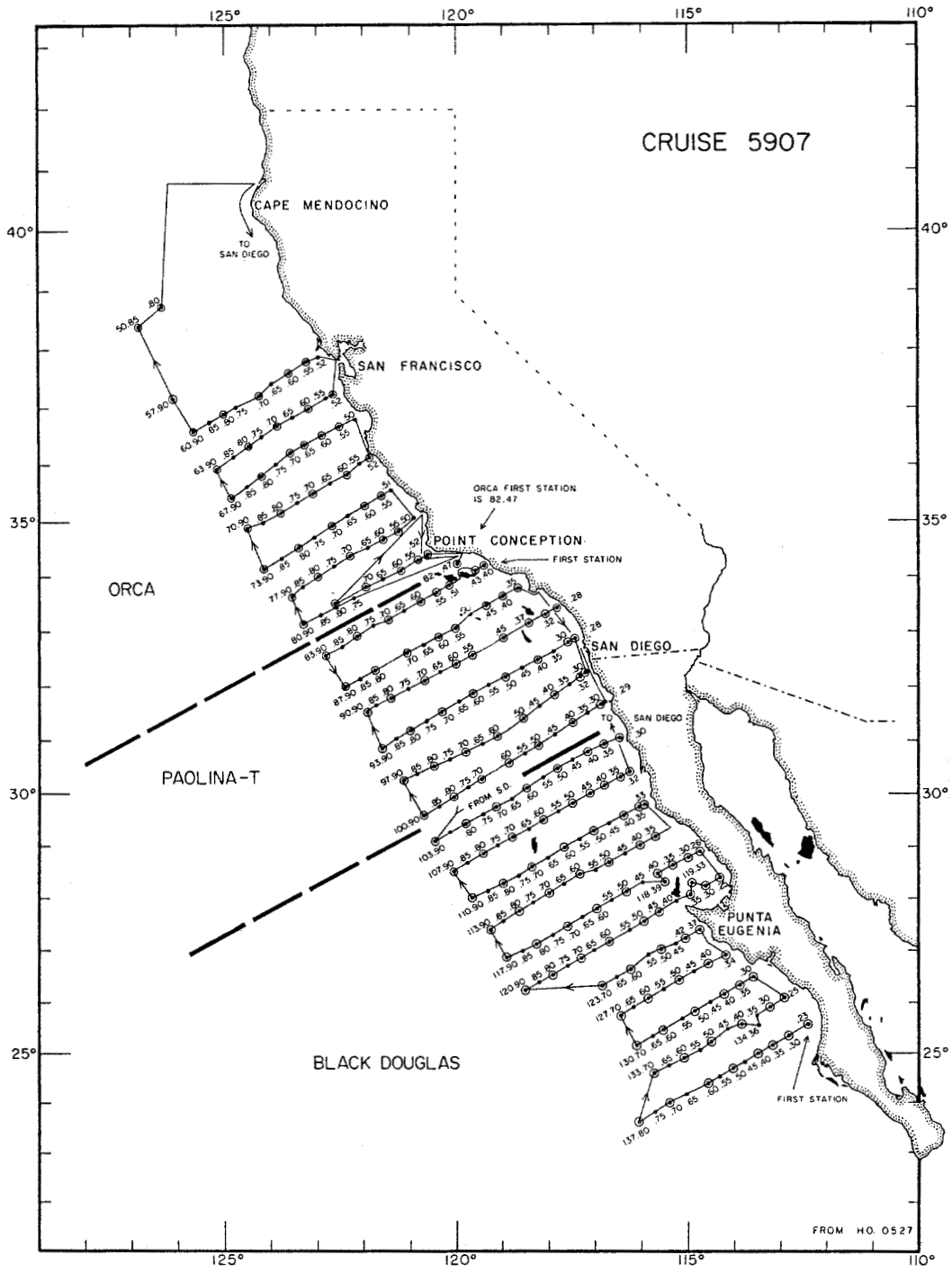

Figure 8. Station pattern for CalCOFI Cruise 5907. Symbols as in Figure 2.

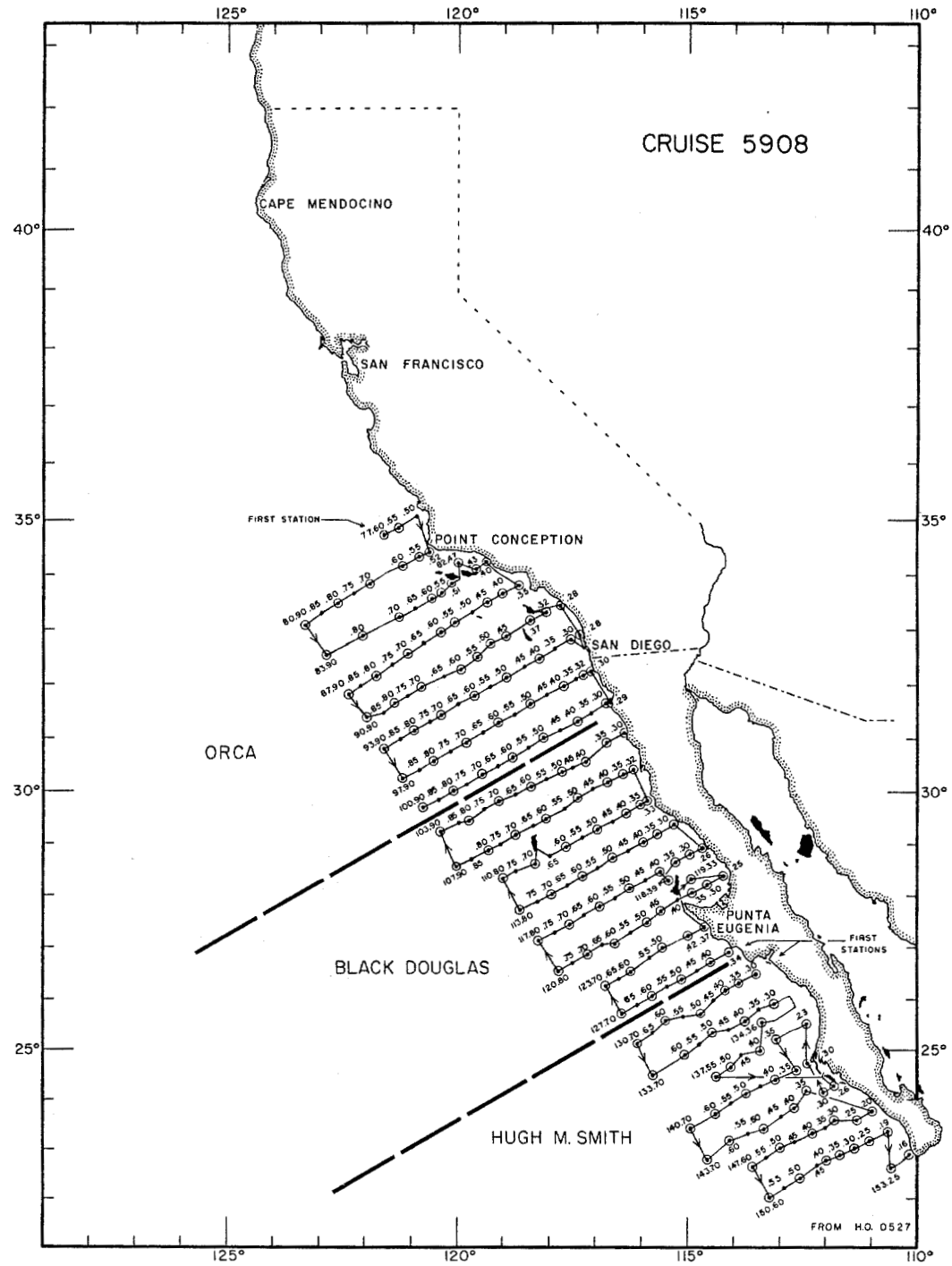

Figure 9. Station pattern for CalCOFI Cruise 5908. Symbols as in Figure 2.

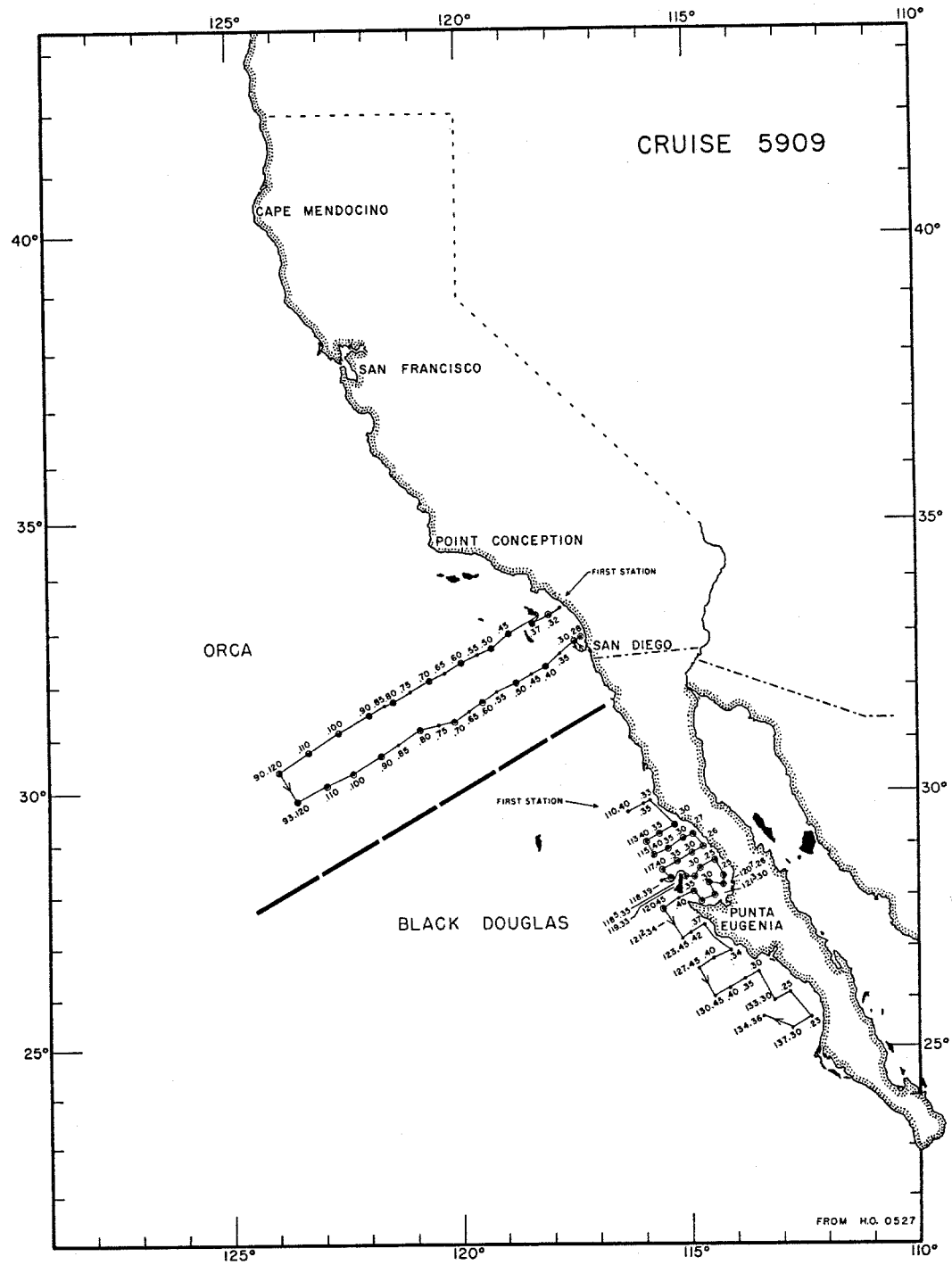

Figure 10. Station pattern for CalCOFI Cruise 5909. Symbols as in Figure 2.

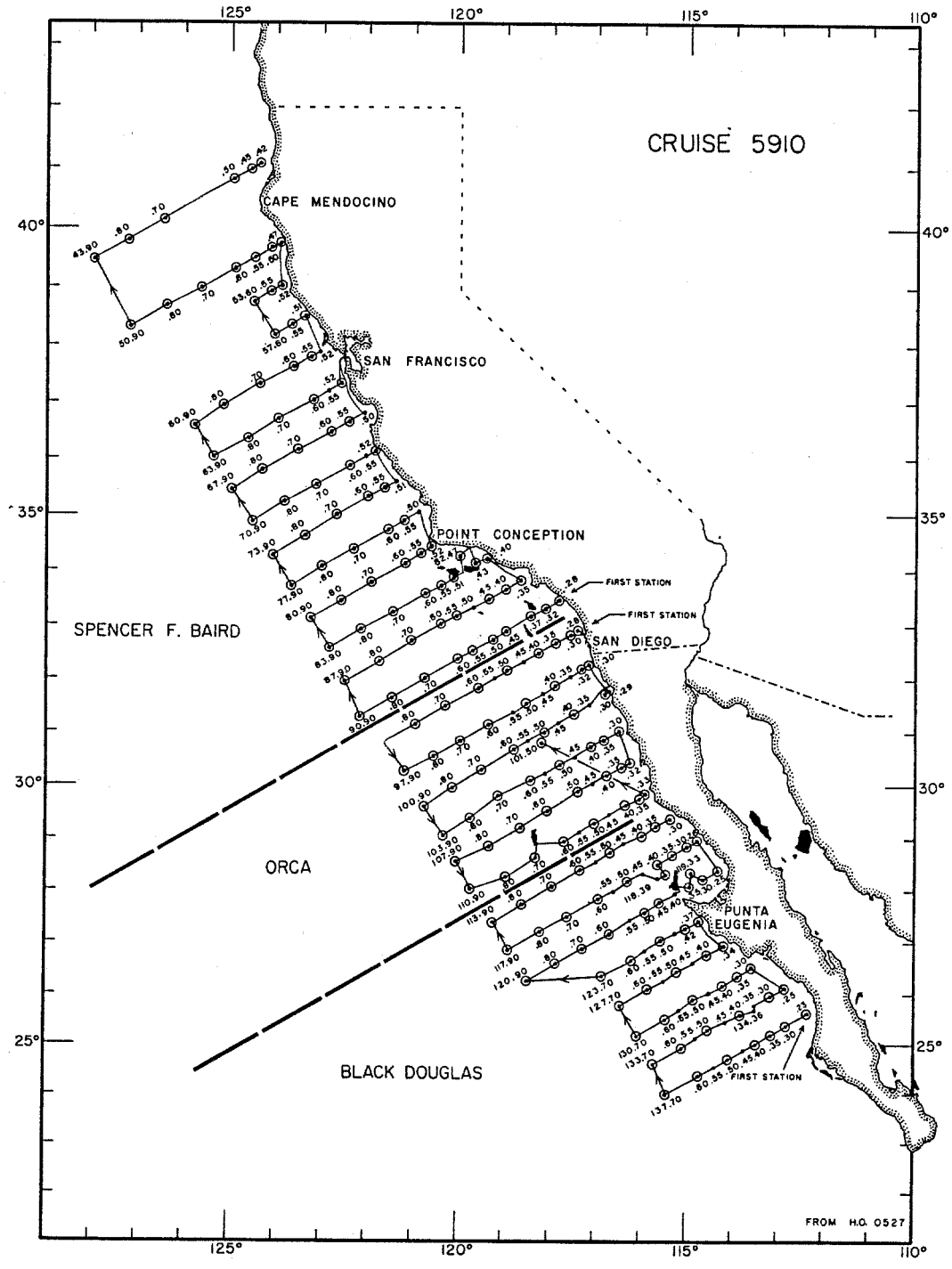

Figure 11. Station pattern for CalCOFI Cruise 5910. Symbols as in Figure 2.

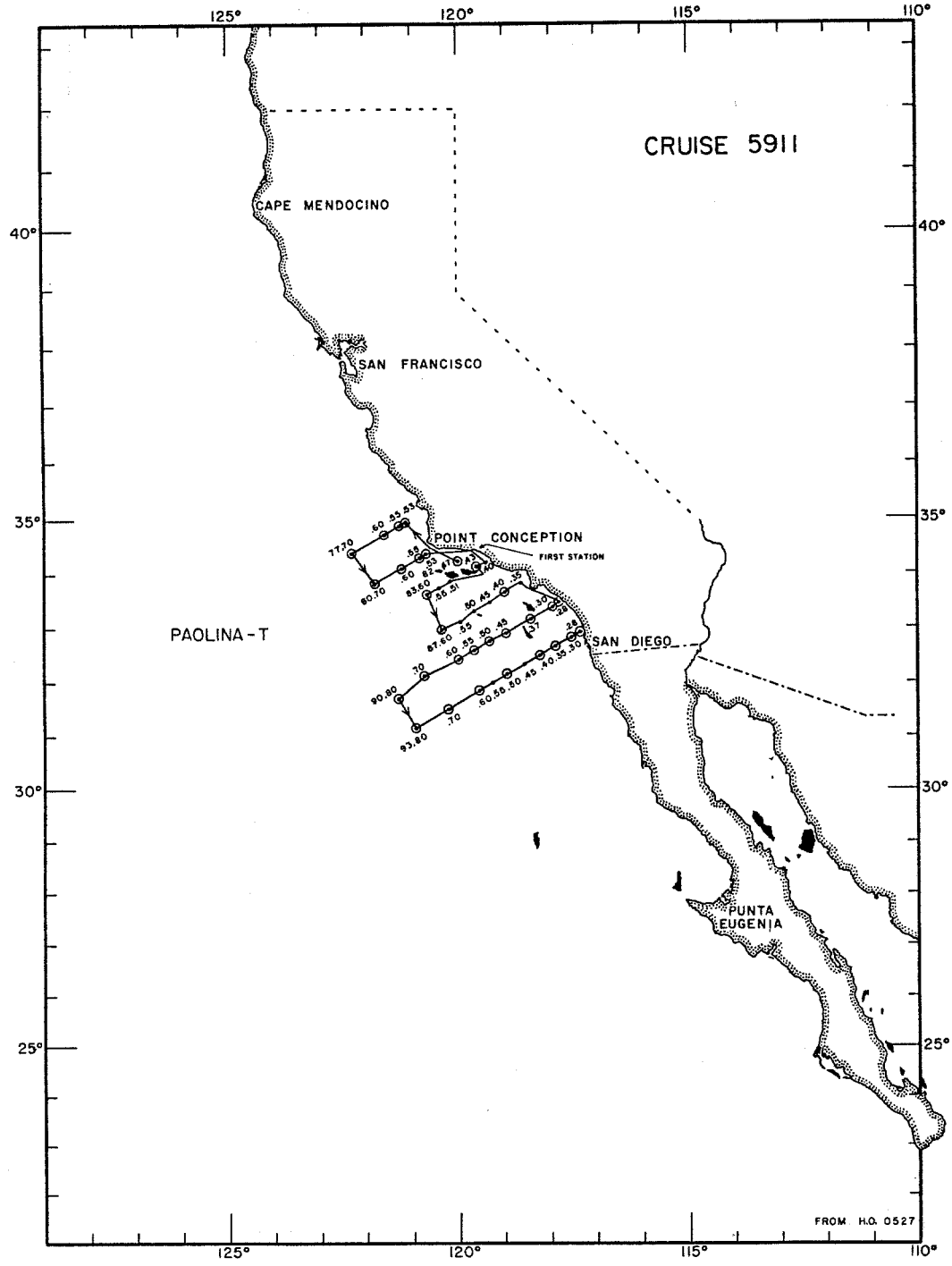

Figure 12. Station pattern for CalCOFI Cruise 5911. Symbols as in Figure 2.

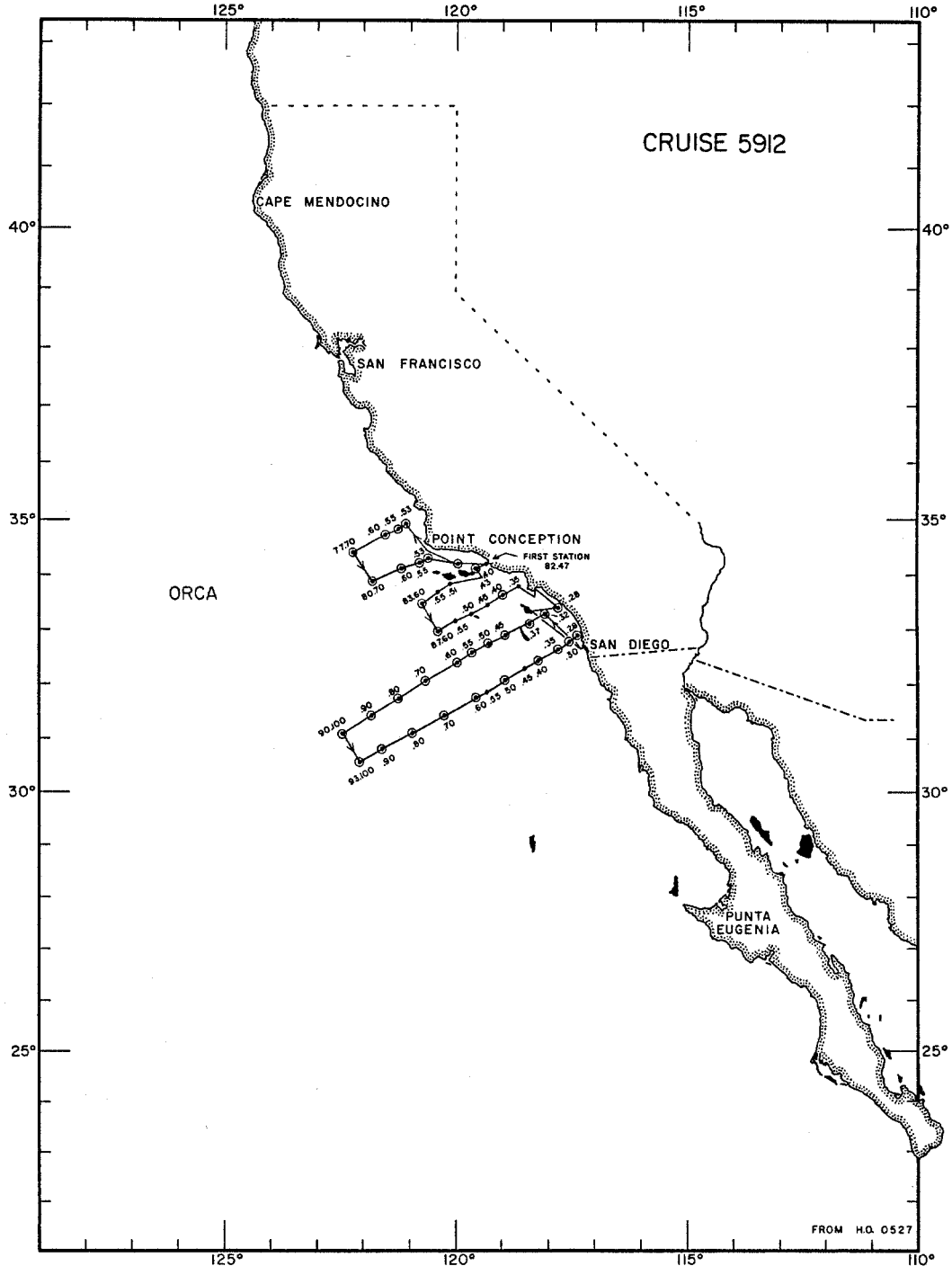

Figure 13. Station pattern for CalCOFI Cruise 5912. Symbols as in Figure 2.

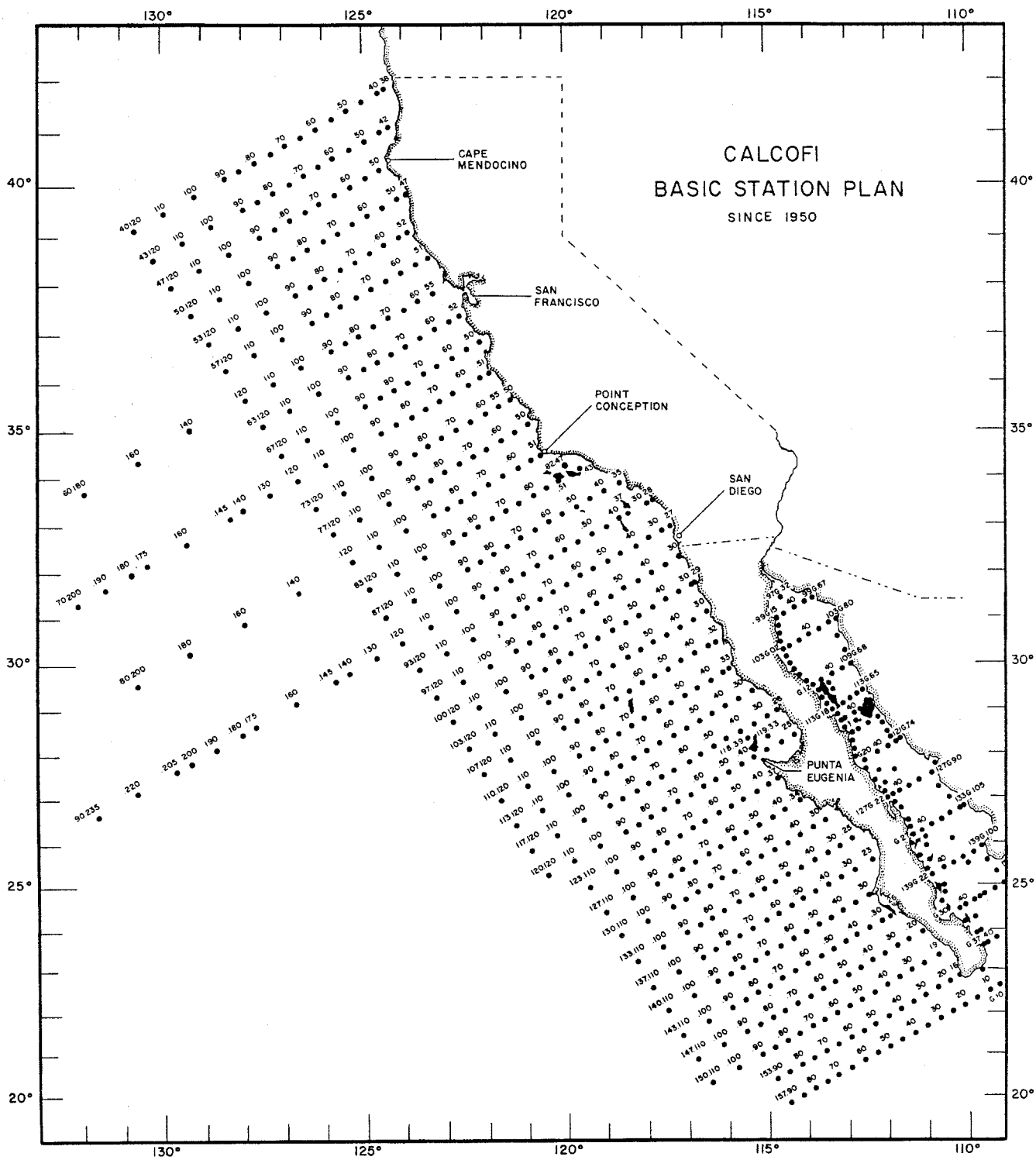

Figure 14. The basic station plan for CalCOFI cruises from 1950 to the present.

TABLE 1. Station and plankton tow data for CalCOFI cruises in 1959. Counts for fish eggs and larvae are not adjusted for standard haul factor or percent of sample sorted.

CalCOFI Cruise 5901

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
60.0	52.0	37	53.5	123	01.5	BD	59	01	17	0048	78	295	2.63	100.0	53	930
60.0	55.0	37	47.5	123	15.0	BD	59	01	17	0257	94	362	2.60	100.0	164	213
60.0	60.0	37	37.0	123	38.0	BD	59	01	17	0646	135	499	2.72	100.0	16	25
60.0	70.0	37	21.0	124	22.0	BD	59	01	17	1140	133	556	2.39	100.0	1	9
60.0	80.0	36	58.5	125	02.0	BD	59	01	17	1741	136	516	2.64	100.0	2	2
60.0	90.0	36	37.0	125	47.0	BD	59	01	17	2326	141	490	2.88	100.0	4	6
63.0	52.0	37	19.0	122	36.7	BD	59	01	16	2010	49	192	2.55	100.0	6	202
63.0	55.0	37	12.6	122	49.8	BD	59	01	16	1806	139	485	2.88	100.0	24	1
63.0	60.0	37	02.2	123	12.6	BD	59	01	16	1506	143	488	2.93	100.0	3	14
63.0	70.0	36	42.5	123	55.0	BD	59	01	16	0926	138	500	2.77	100.0	1	5
63.0	90.0	36	08.0	125	22.6	BD	59	01	18	0445	146	443	3.29	100.0	4	6
67.0	50.0	36	49.0	122	04.6	BD	59	01	15	1247	94	383	2.45	100.0	70	350
67.0	55.0	36	39.0	122	26.0	BD	59	01	15	1741	139	497	2.79	100.0	30	84
67.0	60.0	36	29.0	122	47.5	BD	59	01	15	2150	140	492	2.84	100.0	5	60
67.0	70.0	36	07.8	123	30.0	BD	59	01	16	0400	143	485	2.95	100.0	14	22
67.0	90.0	35	38.0	124	57.0	BD	59	01	18	0940	146	451	3.24	100.0	9	6
70.0	55.0	36	03.0	122	02.0	BD	59	01	21	1001	146	493	2.97	100.0	25	95
70.0	60.0	35	53.0	122	23.0	BD	59	01	21	1316	139	511	2.72	100.0	6	28
70.0	70.0	35	36.0	123	05.8	BD	59	01	21	1826	138	501	2.75	100.0	173	27
70.0	80.0	35	13.0	123	48.0	BD	59	01	18	2206	140	486	2.88	100.0	16	13
70.0	90.0	34	53.0	124	28.0	BD	59	01	18	1631	137	490	2.79	100.0	2	6
73.0	51.0	35	35.5	121	21.0	BD	59	01	22	1041	137	502	2.72	100.0	42	83
73.0	55.0	35	27.5	121	37.5	BD	59	01	22	0846	141	503	2.80	100.0	10	360
73.0	60.0	35	18.0	121	58.4	BD	59	01	22	0511	141	467	3.01	100.0	82	292
73.0	70.0	34	58.2	122	40.0	BD	59	01	22	0005	141	500	2.83	100.0	20	32
77.0	50.0	35	04.4	120	52.0	BD	59	01	22	1506	142	510	2.78	100.0	12	25
77.0	55.0	34	54.5	121	13.0	BD	59	01	22	1816	142	504	2.81	100.0	141	940
77.0	60.0	34	44.0	121	34.0	BD	59	01	22	2110	127	549	2.32	100.0	29	709
77.0	70.0	34	24.2	122	16.0	BD	59	01	23	0215	139	472	2.95	100.0	4	38
80.0	52.0	34	25.1	120	35.0	BD	59	01	23	1115	129	532	2.42	100.0	179	253
80.0	55.0	34	19.0	120	48.0	BD	59	01	23	1316	140	508	2.76	100.0	474	3168
80.0	60.0	34	09.0	121	09.0	BD	59	01	23	1611	139	506	2.76	100.0	222	1453
80.0	70.0	33	49.0	121	51.0	BD	59	01	23	2101	130	535	2.42	100.0	12	143
80.0	80.0	33	29.0	122	32.0	BD	59	01	24	0215	141	504	2.81	100.0	7	9
80.0	90.0	33	07.0	123	12.7	BD	59	01	24	0715	139	522	2.66	100.0	2	0
82.0	47.0	34	15.0	119	58.0	BD	59	01	25	1400	139	479	2.90	100.0	159	682
83.0	40.0	34	14.0	119	22.0	BD	59	01	25	1834	19	96	1.94	100.0	311	472
83.0	43.0	34	08.0	119	34.0	BD	59	01	25	1656	122	488	2.51	100.0	97	663
83.0	51.0	33	52.0	120	07.5	BD	59	01	25	0955	146	482	3.02	100.0	150	1203
83.0	55.0	33	44.0	120	24.4	BD	59	01	25	0720	142	486	2.91	100.0	681	911
83.0	60.0	33	35.2	120	45.5	BD	59	01	25	0326	141	472	2.99	100.0	85	6320
83.0	70.0	33	14.0	121	26.0	BD	59	01	24	2211	142	485	2.94	100.0	25	3
83.0	80.0	32	54.5	122	07.5	BD	59	01	24	1711	145	517	2.80	100.0	2	8
83.0	90.0	32	34.5	122	48.0	BD	59	01	24	1215	138	506	2.72	100.0	0	0

TABLE 1. (cont.)

CalCOFI Cruise 5901

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
87.0	35.0	33	50.0	118	37.5	BD	59	01	25	2351	145	453	3.20	100.0	278	323
87.0	40.0	33	40.0	118	58.5	BD	59	01	26	0330	141	469	3.00	100.0	170	466
87.0	50.0	33	20.0	119	39.5	BD	59	01	26	0803	71	238	3.00	100.0	100	34
87.0	55.0	33	12.5	120	02.2	BD	59	01	26	1211	148	464	3.19	100.0	57	249
87.0	60.0	32	58.0	120	19.0	BD	59	02	08	2126	126	474	2.66	100.0	239	1985
87.0	70.0	32	45.0	120	43.5	BD	59	02	08	1756	140	459	3.05	100.0	354	145
87.0	80.0	32	23.0	121	30.0	BD	59	02	08	1136	136	481	2.84	100.0	4	12
87.0	90.0	32	01.0	122	19.0	BD	59	02	08	0610	140	465	3.01	100.0	8	21
90.0	28.0	33	28.5	117	46.7	BD	59	01	27	1756	141	481	2.93	100.0	92	1211
90.0	30.0	33	24.5	117	55.0	BD	59	01	27	1541	142	490	2.89	100.0	32	133
90.0	32.0	33	20.0	118	03.0	BD	59	01	27	1411	139	497	2.79	100.0	18	204
90.0	37.0	33	10.5	118	23.5	BD	59	01	27	0846	140	503	2.78	100.0	41	262
90.0	45.0	32	54.5	118	56.0	BD	59	01	27	0415	141	576	2.73	100.0	0	76
90.0	50.0	32	44.6	119	16.5	BD	59	01	27	0040	138	525	2.62	100.0	20	806
90.0	55.0	32	34.8	119	36.8	BD	59	01	26	1730	128	523	2.44	100.0	2	17
90.0	60.0	32	28.5	119	56.0	BD	59	02	07	0726	140	486	2.89	100.0	8	236
90.0	70.0	32	10.0	120	37.5	BD	59	02	07	1251	134	488	2.75	100.0	1	72
90.0	80.0	31	44.5	121	19.5	BD	59	02	07	1846	141	475	2.97	100.0	1	43
90.0	90.0	31	24.5	122	00.0	BD	59	02	08	0006	137	472	2.90	100.0	24	89
93.0	27.0	32	54.5	117	21.8	OR	59	01	19	1716	138	494	2.79	100.0	35	81
93.0	30.0	32	50.0	117	30.0	OR	59	01	19	1511	141	486	2.90	100.0	9	41
93.0	35.0	32	41.5	117	47.5	OR	59	01	19	1236	141	488	2.90	100.0	0	3
93.0	40.0	32	32.0	118	11.5	OR	59	01	19	1006	131	542	2.42	100.0	1	5
93.0	45.0	32	21.0	118	32.0	OR	59	01	19	0631	141	503	2.80	100.0	1	7
93.0	50.0	32	11.0	118	52.0	OR	59	01	19	0356	141	479	2.95	100.0	16	55
93.0	55.0	32	01.0	119	13.0	OR	59	01	19	0016	147	459	3.20	100.0	15	31
93.0	60.0	31	51.0	119	33.0	OR	59	01	18	2136	135	526	2.56	100.0	3	17
93.0	70.0	31	31.0	120	15.0	OR	59	01	18	1606	136	547	2.48	100.0	9	35
93.0	80.0	31	07.5	120	55.0	OR	59	01	18	1031	140	507	2.76	100.0	18	16
93.0	90.0	30	47.0	121	33.0	OR	59	01	18	0406	142	524	2.70	100.0	23	65
97.0	30.0	32	15.0	117	08.0	OR	59	01	15	0429	33	155	2.12	100.0	11	44
97.0	32.0	32	11.5	117	16.5	OR	59	01	15	0911	133	544	2.44	100.0	4	7
97.0	35.0	32	05.5	117	28.5	OR	59	01	16	1406	143	535	2.66	100.0	1	7
97.0	40.0	31	52.0	117	46.0	OR	59	01	16	1706	143	506	2.83	100.0	0	0
97.0	45.0	31	44.0	118	05.5	OR	59	01	16	2011	131	548	2.39	100.0	0	0
97.0	50.0	31	30.0	118	35.5	OR	59	01	16	0011	141	508	2.78	100.0	7	2
97.0	55.0	31	19.0	118	59.0	OR	59	01	17	0306	141	511	2.75	100.0	17	12
97.0	60.0	31	08.0	119	22.0	OR	59	01	17	0636	141	522	2.69	100.0	29	16
97.0	70.0	30	52.5	119	52.0	OR	59	01	17	1006	131	539	2.44	100.0	4	54
97.0	80.0	30	34.5	120	24.0	OR	59	01	17	1556	145	490	2.96	100.0	43	58
97.0	90.0	30	14.0	121	10.0	OR	59	01	17	2206	131	530	2.48	100.0	21	73
100.0	29.0	31	42.5	116	43.5	OR	59	01	14	2246	130	531	2.45	100.0	16	142
100.0	30.0	31	41.5	116	47.0	OR	59	01	14	2206	134	550	2.44	100.0	3	24
100.0	35.0	31	31.5	117	06.0	OR	59	01	14	1836	142	533	2.66	100.0	10	32
100.0	45.0	31	14.0	117	49.0	OR	59	01	14	1156	132	564	2.34	100.0	0	3

TABLE 1. (cont.)

CalCOFI Cruise 5901

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	50.0	31 02.5	118 13.0	OR	59 01 14	0811	133	565	2.35	100.0	3	4
100.0	60.0	30 44.0	118 49.0	OR	59 01 14	0111	142	511	2.77	100.0	1	5
100.0	70.0	30 23.0	119 38.0	OR	59 01 13	1806	142	502	2.82	100.0	43	130
100.0	80.0	30 08.0	120 09.0	OR	59 01 13	1256	140	514	2.72	100.0	3	116
100.0	90.0	29 50.0	120 52.0	OR	59 01 13	0736	138	510	2.71	100.0	11	75
103.0	30.0	31 05.1	116 25.0	OR	59 01 11	1028	63	353	1.80	100.0	2	20
103.0	35.0	30 55.5	116 45.5	OR	59 01 11	1411	141	528	2.66	100.0	7	13
103.0	40.0	30 45.5	117 04.0	OR	59 01 11	1921	140	511	2.75	100.0	7	10
103.0	45.0	30 31.0	117 21.0	OR	59 01 11	2206	129	573	2.25	100.0	4	9
103.0	50.0	30 18.0	117 39.0	OR	59 01 12	0206	140	509	2.76	100.0	2	8
103.0	55.0	30 03.0	118 00.0	OR	59 01 12	0426	140	476	2.95	100.0	3	6
103.0	60.0	29 50.0	118 20.0	OR	59 01 12	0756	126	548	2.30	100.0	1	3
103.0	70.0	29 31.0	119 13.0	OR	59 01 12	1451	140	486	2.89	100.0	25	77
103.0	80.0	29 16.0	119 41.0	OR	59 01 12	1916	141	522	2.69	100.0	65	30
103.0	90.0	29 10.0	120 24.0	OR	59 01 12	0111	140	528	2.64	100.0	39	131
107.0	32.0	30 26.0	116 11.5	OR	59 01 11	0447	102	382	2.68	100.0	20	13
107.0	35.0	30 26.5	116 22.0	OR	59 01 11	0226	143	507	2.82	100.0	20	28
107.0	40.0	30 15.2	116 41.5	OR	59 01 10	2226	132	534	2.47	100.0	14	4
107.0	45.0	30 04.0	117 02.5	OR	59 01 10	1906	141	514	2.75	100.0	2	4
107.0	50.0	29 53.0	117 23.5	OR	59 01 10	1546	143	507	2.81	100.0	0	7
107.0	55.0	29 47.0	117 39.0	OR	59 01 10	1251	138	523	2.65	100.0	1	6
107.0	60.0	29 32.0	118 09.0	OR	59 01 10	0911	132	544	2.42	100.0	19	8
107.0	70.0	29 13.0	118 50.0	OR	59 01 10	0216	142	509	2.80	100.0	4	9
107.0	80.0	28 53.0	119 22.5	OR	59 01 09	2006	134	555	2.41	100.0	17	81
107.0	90.0	28 33.0	119 56.0	OR	59 01 09	1406	138	502	2.75	100.0	3	72
110.0	33.0	29 49.9	115 52.0	OR	59 01 07	1318	75	254	2.94	100.0	4	27
110.0	35.0	29 46.5	116 00.0	OR	59 01 07	1536	142	528	2.69	100.0	34	53
110.0	40.0	29 34.5	116 21.0	OR	59 01 07	1926	140	511	2.74	100.0	6	18
110.0	45.0	29 23.0	116 39.5	OR	59 01 07	2146	128	622	2.05	100.0	7	32
110.0	50.0	29 12.0	116 58.0	OR	59 01 08	0136	139	515	2.70	100.0	5	15
110.0	55.0	29 01.5	117 16.0	OR	59 01 08	0416	142	500	2.83	100.0	10	9
110.0	60.0	28 51.0	117 35.0	OR	59 01 08	0756	130	556	2.34	100.0	0	51
110.0	70.0	28 36.0	118 18.0	OR	59 01 08	1941	128	536	2.39	100.0	14	35
110.0	80.0	28 16.0	118 55.0	OR	59 01 09	0056	145	509	2.85	100.0	34	51
110.0	90.0	27 55.5	119 31.5	OR	59 01 09	0726	120	591	2.04	100.0	13	52
113.0	30.0	29 22.5	115 17.5	SB	59 01 07	1539	36	277	1.30	100.0	27	691
113.0	35.0	29 12.0	115 39.0	SB	59 01 07	1826	93	709	1.31	100.0	8	27
113.0	45.0	28 50.2	116 19.0	SB	59 01 08	0011	122	572	2.13	100.0	7	1
113.0	50.0	28 39.0	116 38.3	SB	59 01 08	0332	126	420	3.01	100.0	13	15
113.0	55.0	28 28.0	116 58.3	SB	59 01 08	0541	120	570	2.11	100.0	29	42
113.0	60.0	28 16.5	117 16.5	SB	59 01 08	0941	134	544	2.46	100.0	2	26
113.0	70.0	28 02.0	117 55.5	SB	59 01 08	1421	137	539	2.54	100.0	18	46
113.0	80.0	27 42.2	118 32.6	SB	59 01 08	1856	92	720	1.28	100.0	40	26
113.0	90.0	27 22.5	119 13.5	SB	59 01 08	2342	149	497	2.99	100.0	33	39
117.0	26.0	28 55.7	114 40.7	SB	59 01 10	2158	60	312	1.94	100.0	120	468

TABLE 1. (cont.)

CalCOFI Cruise 5901

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
117.0	30.0	28	48.2	114	55.7	SB	59	01	10	1957	81	358	2.26	100.0	4	178
117.0	35.0	28	38.0	115	16.0	SB	59	01	10	1746	132	504	2.62	100.0	108	29
117.0	40.0	28	27.5	115	36.5	SB	59	01	10	0546	140	511	2.75	100.0	9	14
117.0	45.0	28	17.5	115	55.5	SB	59	01	10	0251	145	525	2.77	100.0	11	28
117.0	50.0	28	07.2	116	15.2	SB	59	01	09	2351	128	622	2.05	100.0	5	11
117.0	55.0	27	57.4	116	35.0	SB	59	01	09	2051	145	514	2.82	100.0	56	59
117.0	60.0	27	48.7	116	53.0	SB	59	01	09	1846	140	524	2.68	100.0	76	59
117.0	70.0	27	27.6	117	33.0	SB	59	01	09	1341	134	522	2.58	100.0	19	9
117.0	80.0	27	09.0	118	13.4	SB	59	01	09	0856	144	501	2.88	100.0	16	8
117.0	90.0	26	49.5	118	53.7	SB	59	01	09	0416	136	539	2.52	100.0	14	4
118.0	39.0	28	18.5	115	23.8	SB	59	01	10	0756	111	595	1.87	100.0	2	21
119.0	33.0	28	17.7	114	54.7	SB	59	01	11	0637	88	361	2.44	100.0	117	180
120.0	25.0	28	22.7	114	15.5	SB	59	01	11	0218	52	305	1.69	100.0	4	57
120.0	30.0	28	12.0	114	34.6	SB	59	01	11	0428	73	315	2.31	100.0	291	394
120.0	35.0	28	02.7	114	54.0	SB	59	01	11	0828	72	363	2.00	100.0	48	167
120.0	40.0	27	56.5	115	13.8	SB	59	01	11	2004	33	141	2.33	100.0	35	20
120.0	45.0	27	43.0	115	33.0	SB	59	01	11	2246	137	517	2.66	100.0	51	25
120.0	50.0	27	32.7	115	53.5	SB	59	01	12	0151	126	605	2.08	100.0	44	23
120.0	55.0	27	23.0	116	14.0	SB	59	01	12	0356	129	519	2.48	100.0	21	7
120.0	60.0	27	13.8	116	34.6	SB	59	01	12	0651	130	510	2.56	100.0	6	11
120.0	70.0	26	50.4	117	14.0	SB	59	01	12	1101	135	494	2.73	100.0	7	6
120.0	80.0	26	30.5	117	49.0	SB	59	01	12	1516	134	523	2.57	100.0	17	15
120.0	90.0	26	12.6	118	27.7	SB	59	01	12	1941	139	492	2.83	100.0	20	18
123.0	37.0	27	24.0	114	40.0	SB	59	01	14	0403	63	297	2.12	100.0	78	15
123.0	42.0	27	14.2	114	59.7	SB	59	01	14	0051	133	562	2.37	100.0	11	17
123.0	45.0	27	08.0	115	11.0	SB	59	01	13	1856	136	533	2.55	100.0	12	1
123.0	60.0	26	39.3	116	14.7	SB	59	01	13	1011	135	543	2.49	100.0	12	9
123.0	70.0	26	20.0	116	51.5	SB	59	01	13	0626	140	508	2.75	100.0	1	4
123.0	80.0	25	59.5	117	26.0	SB	59	01	13	0126	134	516	2.61	100.0	3	10
127.0	34.0	26	55.5	114	06.0	SB	59	01	14	2258	78	340	2.29	100.0	463	150
127.0	40.0	26	42.7	114	30.5	SB	59	01	15	0206	149	473	3.15	100.0	237	42
127.0	45.0	26	32.0	114	51.0	SB	59	01	15	0421	127	547	2.32	100.0	36	25
127.0	50.0	26	21.2	115	11.5	SB	59	01	15	0716	137	522	2.63	100.0	22	9
127.0	60.0	26	03.0	115	46.5	SB	59	01	15	1201	134	522	2.58	100.0	2	14
127.0	70.0	25	43.5	116	26.0	SB	59	01	15	1626	143	491	2.91	100.0	3	1
127.0	80.0	25	24.0	117	02.2	SB	59	01	15	2046	144	516	2.74	100.0	12	8
130.0	30.0	26	29.0	113	29.0	SB	59	01	16	2118	71	287	2.48	100.0	893	151
130.0	35.0	26	17.0	113	54.0	SB	59	01	16	1826	137	516	2.66	100.0	35	1266
130.0	40.0	26	08.0	114	11.5	SB	59	01	16	1546	136	555	2.45	100.0	3	35
130.0	45.0	25	59.0	114	30.0	SB	59	01	16	1306	141	512	2.76	100.0	24	38
130.0	50.0	25	50.6	114	46.0	SB	59	01	16	1101	135	547	2.47	100.0	12	6
130.0	55.0	25	42.0	115	06.7	SB	59	01	16	0816	115	614	1.87	100.0	26	7
130.0	60.0	25	30.0	115	27.5	SB	59	01	16	0551	114	581	1.96	100.0	28	4
133.0	25.0	26	03.5	112	47.4	SB	59	01	17	0128	64	306	2.10	100.0	59	53
133.0	30.0	25	53.5	113	09.0	SB	59	01	17	0401	127	534	2.37	100.0	76	65

TABLE 1. (cont.)

CalCOFI Cruise 5901

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
133.0	35.0	25	44.2	113	29.0	SB	59	01	17	0621	76	799	0.95	100.0	21	15
133.0	40.0	25	34.5	113	45.5	SB	59	01	17	1016	121	602	2.01	100.0	3	79
133.0	45.0	25	25.2	114	04.5	SB	59	01	17	1226	140	516	2.71	100.0	17	35
133.0	50.0	25	16.0	114	24.0	SB	59	01	17	1511	130	564	2.31	100.0	16	29
133.0	55.0	25	06.0	114	42.5	SB	59	01	17	1726	124	604	2.05	100.0	18	89
133.0	60.0	24	55.0	115	02.0	SB	59	01	17	2011	126	597	2.11	100.0	37	312
134.0	36.0	25	39.2	113	26.7	SB	59	01	17	0746	111	665	1.67	100.0	90	60
137.0	23.0	25	33.7	112	20.5	SB	59	01	19	0843	70	335	2.10	100.0	165	176
137.0	30.0	25	20.2	112	46.2	SB	59	01	19	0536	125	572	2.19	100.0	108	92
137.0	35.0	25	10.0	113	05.7	SB	59	01	19	0306	141	498	2.84	100.0	12	51
137.0	40.0	25	00.0	113	24.4	SB	59	01	19	0011	141	532	2.65	100.0	6	9
137.0	45.0	24	50.5	113	43.4	SB	59	01	18	2126	132	589	2.24	100.0	20	8
137.0	50.0	24	41.0	114	02.4	SB	59	01	18	1901	134	546	2.45	100.0	4	9
137.0	55.0	24	32.0	114	19.0	SB	59	01	18	1636	127	608	2.09	100.0	16	59
137.0	60.0	24	21.0	114	39.0	SB	59	01	18	1406	144	497	2.89	100.0	3	9
137.0	70.0	24	00.0	115	17.3	SB	59	01	18	0931	127	583	2.17	100.0	6	6
137.0	80.0	23	39.0	115	57.0	SB	59	01	18	0456	130	526	2.46	100.0	7	13
140.0	30.0	24	45.0	112	24.0	SB	59	01	19	1417	99	425	2.33	100.0	13	88
140.0	35.0	24	35.0	112	42.3	SB	59	01	19	1646	126	556	2.27	100.0	18	271
140.0	40.0	24	24.3	113	01.0	SB	59	01	19	1931	141	476	2.97	100.0	14	49
140.0	45.0	24	13.4	113	21.2	SB	59	01	19	2146	132	528	2.50	100.0	22	19
140.0	50.0	24	04.0	113	38.3	SB	59	01	20	0026	125	581	2.15	100.0	6	23
140.0	55.0	23	53.7	113	57.0	SB	59	01	20	0236	108	561	1.92	100.0	47	110
140.0	60.0	23	43.2	114	15.6	SB	59	01	20	0536	131	456	2.88	100.0	9	94
143.0	26.0	24	19.0	111	48.0	SB	59	01	21	0428	46	280	1.65	100.0	98	92
143.0	30.0	24	09.5	112	03.7	SB	59	01	21	0211	118	590	2.01	100.0	61	13
143.0	35.0	24	00.0	112	22.0	SB	59	01	20	2311	140	534	2.63	100.0	28	41
143.0	40.0	23	49.5	112	42.4	SB	59	01	20	2011	109	627	1.74	100.0	10	12
143.0	45.0	23	41.0	113	05.5	SB	59	01	20	1706	134	535	2.51	100.0	18	68
143.0	50.0	23	31.0	113	23.0	SB	59	01	20	1451	138	527	2.62	100.0	19	31
143.0	55.0	23	21.5	113	39.2	SB	59	01	20	1211	128	594	2.16	100.0	17	41
143.0	60.0	23	11.0	113	56.0	SB	59	01	20	0951	125	572	2.18	100.0	6	20
147.0	20.0	23	56.0	111	04.2	SB	59	01	21	1727	115	554	2.07	100.0	12	43
147.0	25.0	23	46.4	111	22.5	SB	59	01	21	2011	122	614	1.98	100.0	24	43
147.0	30.0	23	35.0	111	44.0	SB	59	01	21	2336	148	520	2.85	100.0	29	22
147.0	35.0	23	26.0	112	02.5	SB	59	01	22	0151	144	479	3.01	100.0	36	98
147.0	40.0	23	16.0	112	22.5	SB	59	01	22	0446	33	574	2.15	100.0	4	3
147.0	45.0	23	06.5	112	42.6	SB	59	01	22	0701	121	584	2.07	100.0	15	49
147.0	50.0	22	57.0	112	54.5	SB	59	01	22	0911	140	533	2.62	100.0	5	41
147.0	55.0	22	47.8	113	13.2	SB	59	01	22	1126	139	565	2.45	100.0	21	45
147.0	60.0	22	36.0	113	13.2	SB	59	01	22	1346	138	521	2.65	100.0	3	208
150.0	19.0	23	22.5	110	41.0	SB	59	01	23	1556	131	558	2.35	100.0	7	14
150.0	25.0	23	11.8	111	01.2	SB	59	01	23	1316	131	570	2.30	100.0	0	34
150.0	30.0	23	01.0	111	20.5	SB	59	01	23	1011	139	525	2.65	100.0	2	166
150.0	35.0	22	52.5	111	42.0	SB	59	01	23	0726	127	573	2.22	100.0	8	15

TABLE 1. (cont.)

CalCOFI Cruise 5901

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
150.0	40.0	22	42.5	111	59.2	SB	59	01	23	0501	141	534	2.64	100.0	13	175
150.0	45.0	22	32.3	112	17.0	SB	59	01	23	0226	133	548	2.42	100.0	14	39
150.0	50.0	22	22.3	112	34.8	SB	59	01	23	0111	145	514	2.81	100.0	5	7
150.0	55.0	22	12.4	112	52.4	SB	59	01	22	2126	123	616	2.00	100.0	16	12
150.0	60.0	22	01.2	113	12.0	SB	59	01	22	1901	142	476	2.99	100.0	4	43
153.0	16.0	22	55.0	110	07.4	SB	59	01	23	2016	139	556	2.50	100.0	7	68
153.0	20.0	22	47.0	110	22.0	SB	59	01	23	2216	138	506	2.73	100.0	1	33
153.0	25.0	22	33.6	110	41.5	SB	59	01	24	0105	148	487	3.04	100.0	17	4
153.0	30.0	22	26.4	111	01.0	SB	59	01	24	0351	142	494	2.88	100.0	23	56
153.0	35.0	22	16.0	111	19.6	SB	59	01	24	0606	128	547	2.34	100.0	24	63
153.0	40.0	22	07.3	111	36.6	SB	59	01	24	0846	145	517	2.81	100.0	5	118
153.0	45.0	21	57.5	111	55.0	SB	59	01	24	1046	140	524	2.67	100.0	4	31
153.0	50.0	21	48.0	112	13.5	SB	59	01	24	1331	144	517	2.78	100.0	4	208
153.0	55.0	21	38.3	112	32.0	SB	59	01	24	1546	128	581	2.20	100.0	8	317
153.0	60.0	21	29.0	112	50.0	SB	59	01	24	1846	137	543	2.51	100.0	5	204
153.0	70.0	21	06.2	113	29.0	SB	59	01	24	2336	146	503	2.90	100.0	12	177
153.0	80.0	20	44.0	114	08.0	SB	59	01	25	0416	143	496	2.88	100.0	7	12
157.0	10.0	22	33.0	109	23.2	SB	59	01	27	0301	144	484	2.97	100.0	61	46
157.0	15.0	22	23.0	109	41.4	SB	59	01	26	1946	149	468	3.19	100.0	18	248
157.0	20.0	22	14.0	110	01.8	SB	59	01	26	1651	138	554	2.50	100.0	13	26
157.0	25.0	22	03.6	110	19.5	SB	59	01	26	1411	130	567	2.29	100.0	13	48
157.0	30.0	21	54.0	110	36.5	SB	59	01	26	1151	132	573	2.30	100.0	19	203
157.0	35.0	21	43.5	110	55.5	SB	59	01	26	0841	142	626	2.27	100.0	7	6
157.0	40.0	21	31.5	111	16.3	SB	59	01	26	0610	135	553	2.44	100.0	8	49
157.0	45.0	21	22.0	111	34.4	SB	59	01	26	0306	139	534	2.60	100.0	20	36
157.0	50.0	21	12.6	111	52.0	SB	59	01	26	0041	139	537	2.59	100.0	22	53
157.0	55.0	21	03.0	112	09.4	SB	59	01	25	2106	132	546	2.41	100.0	60	147
157.0	60.0	20	53.3	112	31.8	SB	59	01	25	1826	142	525	2.71	100.0	10	112
157.0	70.0	20	32.8	113	06.7	SB	59	01	25	1356	117	639	1.84	100.0	21	64
157.0	80.0	20	11.0	113	38.5	SB	59	01	25	0924	135	522	2.58	100.0	55	29

TABLE 1. (cont.)

CalCOFI Cruise 5902

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
73.0	51.0	35	36.0	121	20.5	OR	59	02	10	1651	140	386	3.63	100.0	496	549
73.0	53.0	35	39.0	121	26.5	OR	59	02	10	1511	139	476	2.92	100.0	465	1567
73.0	55.0	35	35.0	121	33.5	OR	59	02	10	1341	142	452	3.13	100.0	859	1948
73.0	57.0	35	31.0	121	40.0	OR	59	02	10	1151	136	425	2.20	100.0	139	1478
73.0	60.0	35	24.0	121	52.5	OR	59	02	10	0941	140	454	3.07	100.0	137	900
73.0	70.0	34	56.5	122	39.0	OR	59	02	10	0406	143	455	3.15	100.0	47	103
77.0	50.0	35	04.5	120	52.0	OR	59	02	10	2207	109	427	2.56	100.0	286	322
77.0	53.0	34	58.0	121	04.5	OR	59	02	11	0151	143	455	3.15	100.0	241	707
77.0	55.0	34	54.0	123	13.0	OR	59	02	11	0406	143	449	3.20	100.0	840	1613
77.0	57.0	35	54.0	121	23.0	OR	59	02	12	1241	140	467	2.99	100.0	57	1076
77.0	60.0	34	45.0	121	36.0	OR	59	02	12	1526	144	430	3.35	100.0	9	>99999
77.0	70.0	34	25.5	122	16.5	OR	59	02	12	2046	123	497	2.47	100.0	17	1202
80.0	53.0	34	23.0	120	40.0	OR	59	02	14	0606	140	451	3.10	100.0	682	428
80.0	55.0	34	16.5	120	49.5	OR	59	02	14	0431	138	443	3.11	50.0	2376	1660
80.0	57.0	34	13.0	120	56.0	OR	59	02	14	0236	139	434	3.19	50.0	653	7126
80.0	60.0	34	08.0	121	08.5	OR	59	02	14	0026	135	454	2.97	100.0	387	4226
80.0	70.0	33	49.0	121	45.0	OR	59	02	13	1806	139	455	3.05	100.0	7	15
80.0	80.0	33	31.5	122	29.0	OR	59	02	13	1321	140	450	3.10	100.0	121	47
80.0	90.0	33	10.5	123	17.5	OR	59	02	13	0701	140	451	3.10	100.0	13	96
82.0	47.0	34	14.5	119	59.5	OR	59	02	14	1156	139	494	2.82	100.0	488	810
83.0	40.0	34	14.0	119	22.0	OR	59	02	14	1704	14	59	2.30	100.0	302	2041
83.0	43.0	34	08.0	119	33.5	OR	59	02	14	1517	126	406	3.12	100.0	665	4270
83.0	51.0	33	52.0	120	07.5	OR	59	02	14	2246	137	483	2.84	100.0	966	1453
83.0	55.0	33	44.0	120	24.5	OR	59	02	15	0146	144	456	3.16	100.0	792	2485
83.0	60.0	33	34.0	120	45.0	OR	59	02	15	0756	121	435	2.77	100.0	477	1171
83.0	70.0	33	13.0	121	30.0	OR	59	02	15	1511	141	421	3.36	100.0	781	4442
83.0	70.0	33	13.6	121	30.5	OR	59	02	18	0946	122	506	2.42	100.0	25	235
83.0	80.0	32	50.0	122	10.0	OR	59	02	18	0411	138	474	2.91	100.0	8	16
83.0	90.0	32	32.0	122	48.5	OR	59	02	17	2316	130	505	2.57	100.0	9	11
87.0	35.0	33	30.0	118	37.5	OR	59	02	19	0308	57	200	2.86	100.0	206	428
87.0	40.0	33	39.0	118	58.5	OR	59	02	19	0001	141	446	3.15	100.0	500	747
87.0	50.0	33	20.0	119	39.5	OR	59	02	16	1828	69	191	3.61	100.0	465	527
87.0	55.0	33	10.0	120	02.0	OR	59	02	16	2131	126	502	2.50	100.0	19	262
87.0	60.0	33	01.0	120	24.0	OR	59	02	17	0106	141	456	3.10	100.0	198	130
87.0	70.0	32	43.0	121	07.5	OR	59	02	17	0606	141	471	2.99	100.0	107	28
87.0	80.0	32	29.5	121	41.0	OR	59	02	17	1141	135	468	2.89	100.0	3	10
87.0	90.0	32	04.5	122	18.0	OR	59	02	17	1736	140	473	2.95	100.0	4	15
90.0	28.0	33	28.3	117	47.0	OR	59	02	28	0106	141	432	3.26	100.0	136	143
90.0	30.0	33	23.5	117	55.0	OR	59	02	27	2306	126	471	2.67	100.0	7	45
90.0	32.0	33	19.6	118	04.0	OR	59	02	27	2056	131	404	3.24	100.0	27	845
90.0	37.0	33	10.5	118	23.7	OR	59	02	27	1756	140	504	2.77	100.0	15	231
90.0	45.0	32	53.7	118	56.7	OR	59	02	27	1336	144	469	3.06	100.0	5	49
90.0	50.0	32	47.5	119	18.2	OR	59	02	27	0728	71	247	2.89	100.0	415	425
90.0	55.0	32	35.8	119	38.7	OR	59	02	27	0306	142	470	3.02	100.0	28	505
90.0	60.0	32	22.5	119	58.0	OR	59	02	27	0011	142	468	3.03	100.0	8	48

TABLE 1. (cont.)

CalCOFI Cruise 5902

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
90.0	70.0	32	00.0	120	36.0	OR	59	02	26	1901	141	496	2.85	100.0	4	16
90.0	80.0	31	44.0	121	18.0	OR	59	02	26	1336	141	480	2.94	100.0	8	16
90.0	90.0	31	25.0	121	58.5	OR	59	02	26	0816	132	582	2.27	100.0	5	2
93.0	28.0	32	54.7	117	22.5	OR	59	02	24	1226	141	505	2.79	100.0	5	12
93.0	30.0	32	49.5	117	32.0	OR	59	02	24	1506	142	486	2.92	100.0	2	45
93.0	35.0	32	39.5	117	52.5	OR	59	02	24	1826	140	515	2.72	100.0	5	22
93.0	40.0	32	31.5	118	12.3	OR	59	02	24	2146	132	565	2.34	100.0	3	20
93.0	45.0	32	21.0	118	34.0	OR	59	02	25	0026	142	475	2.99	100.0	27	72
93.0	50.0	32	12.0	118	54.0	OR	59	02	25	0341	140	497	2.82	100.0	169	215
93.0	55.0	32	02.0	119	15.0	OR	59	02	25	0641	139	474	2.94	100.0	107	24
93.0	60.0	31	57.5	119	35.0	OR	59	02	25	1006	127	546	2.32	100.0	6	45
93.0	80.0	31	07.0	120	56.0	OR	59	02	25	2116	138	515	2.69	100.0	11	19
93.0	90.0	30	47.0	121	36.0	OR	59	02	26	0216	143	478	2.99	100.0	5	5
97.0	30.0	32	15.7	117	09.0	PT	59	02	14	0339	32	169	1.92	100.0	0	10
97.0	32.0	32	13.1	117	14.9	PT	59	02	14	0236	141	521	2.71	100.0	3	31
97.0	35.0	32	08.0	117	28.7	PT	59	02	14	0036	138	551	2.51	100.0	5	10
97.0	40.0	31	56.9	117	50.2	PT	59	02	13	2126	140	534	2.62	100.0	6	9
97.0	45.0	31	47.5	118	09.3	PT	59	02	13	1836	135	559	2.42	100.0	18	7
97.0	50.0	31	36.6	118	31.0	PT	59	02	13	1536	141	532	2.65	100.0	1	0
97.0	55.0	31	24.5	118	50.0	PT	59	02	13	1256	137	545	2.52	100.0	0	2
97.0	60.0	31	11.0	119	10.2	PT	59	02	13	0956	137	550	2.50	100.0	2	4
97.0	70.0	30	52.3	119	50.5	PT	59	02	13	0356	142	537	2.63	100.0	49	162
97.0	80.0	30	36.2	121	32.0	PT	59	02	12	2236	137	592	2.32	100.0	27	34
97.0	90.0	30	16.6	121	15.5	PT	59	02	12	1646	142	551	2.59	100.0	7	13
100.0	29.0	31	42.2	116	43.6	PT	59	02	10	1826	127	546	2.33	100.0	21	273
100.0	30.0	31	40.7	116	46.7	PT	59	02	10	1926	137	599	2.28	100.0	6	98
100.0	35.0	31	31.7	117	07.5	PT	59	02	10	2226	137	608	2.26	100.0	0	14
100.0	40.0	31	22.8	117	27.9	PT	59	02	11	0116	132	619	2.13	100.0	3	4
100.0	45.0	31	13.5	117	48.8	PT	59	02	11	0416	131	496	2.65	100.0	2	1
100.0	50.0	31	03.3	118	09.3	PT	59	02	11	0706	141	563	2.50	100.0	5	3
100.0	55.0	30	58.0	118	22.3	PT	59	02	11	1056	131	570	2.30	100.0	6	0
100.0	60.0	30	50.0	118	38.9	PT	59	02	11	1526	156	430	3.62	100.0	2	8
100.0	70.0	30	24.3	119	27.3	PT	59	02	11	2356	141	567	2.49	100.0	16	45
100.0	80.0	30	04.5	120	03.4	PT	59	02	12	0526	142	541	2.63	100.0	24	53
100.0	90.0	29	44.0	120	40.0	PT	59	02	12	1026	138	576	2.40	100.0	14	15
103.0	30.0	31	05.7	116	25.4	PT	59	02	10	1158	70	243	2.88	100.0	29	74
103.0	35.0	30	55.3	116	45.2	PT	59	02	10	0916	127	550	2.31	100.0	7	111
103.0	40.0	30	46.1	117	02.5	PT	59	02	10	0636	143	552	2.60	100.0	12	65
103.0	45.0	30	36.0	117	24.4	PT	59	02	10	0356	146	552	2.65	100.0	11	15
103.0	50.0	30	26.5	117	44.5	PT	59	02	10	0056	136	603	2.26	100.0	3	42
103.0	55.0	30	16.1	118	04.8	PT	59	02	09	2216	139	546	2.54	100.0	3	138
103.0	60.0	30	07.2	118	26.0	PT	59	02	09	1916	142	562	2.52	100.0	6	333
103.0	70.0	29	55.9	119	11.1	PT	59	02	09	1316	139	603	2.31	100.0	6	29
107.0	32.0	30	25.8	116	11.7	PT	59	02	07	1246	134	456	2.95	100.0	32	4709
107.0	35.0	30	19.5	116	23.0	PT	59	02	07	1446	129	637	2.02	100.0	22	1854

TABLE 1. (cont.)

CalCOFI Cruise 5902

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	40.0	30	08.9	116	42.0	PT	59	02	07	1736	141	595	2.37	100.0	5	47
107.0	45.0	29	58.5	117	00.9	PT	59	02	07	2026	140	579	2.41	100.0	8	7
107.0	50.0	29	48.0	117	19.5	PT	59	02	07	2316	137	600	2.28	100.0	44	28
107.0	55.0	29	38.0	117	38.3	PT	59	02	08	0156	125	661	1.90	100.0	16	28
107.0	60.0	29	27.8	117	59.3	PT	59	02	08	0546	138	564	2.44	100.0	11	22
110.0	33.0	29	50.5	115	52.2	BD	59	02	14	1248	84	279	3.02	100.0	70	287
110.0	35.0	29	46.5	116	00.0	BD	59	02	14	1121	144	456	3.15	100.0	25	253
110.0	40.0	29	36.5	116	19.5	BD	59	02	14	0831	141	470	3.00	100.0	56	730
110.0	45.0	29	32.5	116	39.0	BD	59	02	14	0606	135	502	2.69	100.0	13	36
110.0	50.0	29	19.5	116	59.0	BD	59	02	14	0341	142	460	3.09	100.0	27	24
110.0	55.0	29	07.0	117	20.0	BD	59	02	14	0111	142	478	2.96	100.0	46	63
110.0	60.0	28	56.5	117	39.0	BD	59	02	13	2226	143	456	3.13	100.0	28	108
110.0	65.0	28	46.5	117	59.0	BD	59	02	13	1911	141	492	2.87	100.0	25	119
110.0	70.0	28	36.5	118	18.0	BD	59	02	13	1546	139	504	2.75	100.0	0	57
110.0	80.0	28	12.0	118	59.0	BD	59	02	13	1011	141	479	2.94	100.0	17	182
110.0	90.0	27	56.5	119	36.0	BD	59	02	13	0446	138	510	2.70	100.0	27	37
113.0	30.0	29	22.5	115	17.5	BD	59	02	14	1732	50	194	2.57	100.0	64	524
113.0	35.0	29	12.0	115	39.0	BD	59	02	14	1956	142	457	3.10	100.0	106	129
113.0	40.0	29	02.0	115	58.5	BD	59	02	14	2231	142	475	2.98	100.0	484	28
113.0	45.0	28	52.0	116	18.0	BD	59	02	15	0116	133	522	2.54	100.0	27	13
113.0	50.0	28	42.0	116	37.5	BD	59	02	15	0526	142	487	2.91	100.0	15	10
113.0	55.0	28	28.0	117	03.0	BD	59	02	15	0750	132	497	2.75	100.0	12	678
113.0	60.0	28	15.0	117	29.0	BD	59	02	15	1106	142	461	3.08	100.0	5	77
113.0	65.0	28	08.0	117	43.0	BD	59	02	15	1241	140	463	3.02	100.0	6	37
113.0	70.0	28	02.0	117	55.5	BD	59	02	15	1426	145	464	3.11	100.0	12	29
117.0	26.0	28	56.0	114	41.0	BD	59	02	17	0118	63	236	2.68	100.0	42	174
117.0	30.0	28	48.0	114	56.5	BD	59	02	16	2317	96	366	2.61	100.0	210	321
117.0	35.0	28	38.0	115	16.0	BD	59	02	16	2051	133	591	2.25	100.0	46	83
117.0	40.0	28	28.0	115	35.5	BD	59	02	16	1016	133	491	2.71	100.0	23	47
117.0	45.0	28	18.0	115	55.2	BD	59	02	16	0736	135	508	2.66	100.0	8	78
117.0	50.0	28	12.3	116	06.3	BD	59	02	16	0526	137	468	2.92	100.0	20	31
117.0	55.0	28	03.0	116	21.0	BD	59	02	16	0312	138	499	2.76	100.0	12	15
117.0	60.0	27	51.0	116	45.0	BD	59	02	16	0036	137	544	2.52	100.0	109	27
117.0	65.0	27	39.0	117	08.0	BD	59	02	15	2151	140	498	2.81	100.0	40	23
117.0	70.0	27	27.5	117	32.5	BD	59	02	15	1916	140	500	2.80	100.0	51	27
118.0	39.0	28	18.5	115	24.0	BD	59	02	16	1210	143	460	3.11	100.0	1	30
119.0	33.0	28	19.0	114	53.0	BD	59	02	17	1046	96	382	2.52	100.0	31	362
120.0	25.0	28	23.0	114	14.5	BD	59	02	17	0619	49	184	2.64	100.0	36	2314
120.0	30.0	28	13.0	114	34.0	BD	59	02	17	0822	82	302	2.71	100.0	21	1031
120.0	35.0	28	03.0	114	54.0	BD	59	02	17	1253	58	282	2.08	100.0	16	89
120.0	40.0	27	56.5	114	13.7	BD	59	02	17	1459	34	142	2.42	100.0	28	39
120.0	45.0	27	43.0	115	33.0	BD	59	02	17	1721	136	513	2.66	100.0	84	134
120.0	50.0	27	33.0	115	52.5	BD	59	02	17	2021	136	473	2.88	100.0	45	58
120.0	55.0	27	23.0	116	12.0	BD	59	02	17	2256	124	521	2.38	100.0	2	27
120.0	60.0	27	14.0	116	31.5	BD	59	02	18	0121	142	464	3.07	100.0	10	24

TABLE 1. (cont.)

CalCOFI Cruise 5902

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	65.0	27	04.5	116	51.0	BD	59	02	18	0356	139	480	2.90	100.0	6	20
120.0	70.0	26	55.0	117	10.5	BD	59	02	18	0626	139	475	2.92	100.0	1	10
120.0	80.0	26	32.5	117	48.5	BD	59	02	18	1131	137	474	2.89	100.0	5	21
120.0	90.0	26	13.0	118	27.5	BD	59	02	18	1611	138	513	2.68	100.0	9	24
123.0	37.0	27	34.0	114	39.7	BD	59	02	19	2118	61	255	2.38	100.0	71	35
123.0	42.0	27	14.0	114	59.2	BD	59	02	24	2326	138	487	2.82	100.0	31	42
123.0	42.0	27	17.2	115	00.3	BD	59	02	19	1846	140	465	3.02	100.0	9	71
123.0	45.0	27	08.0	115	11.0	BD	59	02	19	1641	144	446	3.23	100.0	5	52
123.0	50.0	26	58.0	115	30.5	BD	59	02	19	1341	138	466	2.97	100.0	5	55
123.0	55.0	26	48.2	115	49.7	BD	59	02	19	1011	142	456	3.10	100.0	2	22
123.0	60.0	26	38.5	116	09.0	BD	59	02	19	0651	148	426	3.48	100.0	7	101
127.0	34.0	26	55.3	114	06.0	BD	59	02	20	1323	65	226	2.87	100.0	6	512
127.0	40.0	26	43.5	114	29.5	BD	59	02	20	1616	140	478	2.94	100.0	5	61
127.0	45.0	26	33.5	114	48.7	BD	59	02	20	1906	138	470	2.94	100.0	118	40
127.0	50.0	26	23.5	115	08.0	BD	59	02	20	2215	141	516	2.72	100.0	29	26
127.0	55.0	26	13.0	115	28.0	BD	59	02	21	0056	141	469	3.00	100.0	13	19
127.0	60.0	26	02.0	115	49.0	BD	59	02	21	0336	141	475	2.97	100.0	13	55
130.0	30.0	26	29.0	113	29.0	BD	59	02	22	0053	57	259	2.21	100.0	224	313
130.0	35.0	26	19.0	113	48.5	BD	59	02	21	2216	138	478	2.90	100.0	26	347
130.0	40.0	26	09.0	114	07.5	BD	59	02	21	1956	139	466	2.99	100.0	26	122
130.0	45.0	25	59.0	114	26.0	BD	59	02	21	1646	139	488	2.85	100.0	0	19
130.0	50.0	25	49.0	114	46.0	BD	59	02	21	1406	142	465	3.05	100.0	4	20
130.0	55.0	25	36.5	115	05.0	BD	59	02	21	1116	138	458	3.02	100.0	11	101
130.0	60.0	25	22.0	115	27.0	BD	59	02	21	0831	138	501	2.74	100.0	4	27
133.0	25.0	26	04.5	112	48.0	BD	59	02	22	0548	80	279	2.87	100.0	119	329
133.0	30.0	25	54.5	113	07.5	BD	59	02	22	0826	130	485	2.69	100.0	34	190
133.0	35.0	25	44.3	113	26.5	BD	59	02	22	2146	129	498	2.59	100.0	7	40
133.0	40.0	25	34.5	113	45.5	BD	59	02	23	0056	131	497	2.63	100.0	13	62
133.0	45.0	25	27.0	114	04.2	BD	59	02	23	0336	142	482	2.96	100.0	6	16
133.0	50.0	25	19.2	114	25.2	BD	59	02	23	0631	144	465	3.09	100.0	8	22
134.0	36.0	25	36.2	113	22.8	BD	59	02	22	1936	136	429	3.17	100.0	5	134
137.0	23.0	25	39.0	112	21.8	BD	59	02	24	0208	64	231	2.76	100.0	825	15
137.0	30.0	25	23.7	112	46.8	BD	59	02	23	2241	133	497	2.67	100.0	226	64
137.0	35.0	25	12.2	113	05.8	BD	59	02	23	2011	138	474	2.91	100.0	13	469
137.0	40.0	25	01.2	113	24.3	BD	59	02	23	1651	139	446	3.10	100.0	10	48
137.0	45.0	24	50.5	113	41.8	BD	59	02	23	1416	141	480	2.94	100.0	33	28
137.0	50.0	24	40.0	114	01.5	BD	59	02	23	1136	138	446	3.08	100.0	7	20

TABLE 1. (cont.)

CalCOFI Cruise 5903

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
83.0	40.0	34	14.0	119	22.0	PT	59	03	25	1620	10	117	0.86	100.0	82	732
83.0	43.0	34	08.2	119	33.8	PT	59	03	25	1756	140	513	2.72	100.0	279	130
87.0	35.0	33	49.8	118	37.5	PT	59	03	24	0836	147	498	2.94	100.0	237	577
87.0	40.0	33	40.0	118	58.5	PT	59	03	27	0941	146	491	2.96	100.0	97	218
87.0	45.0	33	34.3	119	26.4	PT	59	03	27	1246	140	530	2.65	100.0	274	631
87.0	50.0	33	23.0	119	38.1	PT	59	03	27	1837	77	460	1.67	100.0	1069	476
90.0	28.0	33	28.0	117	47.0	ST	59	03	11	2131	139	573	2.42	100.0	19	66
90.0	30.0	33	24.5	117	55.5	ST	59	03	11	2231	148	504	2.94	100.0	23	37
90.0	37.0	33	10.5	118	23.5	ST	59	03	12	0311	126	581	2.17	100.0	33	138
90.0	45.0	32	55.5	118	56.5	ST	59	03	12	0711	141	518	2.73	100.0	374	1374
90.0	50.0	32	46.5	119	18.5	ST	59	03	12	1006	139	513	2.70	100.0	1424	1873
90.0	55.0	32	37.0	119	39.5	ST	59	03	12	1311	124	584	2.12	100.0	154	578
90.0	60.0	32	25.0	119	58.0	ST	59	03	12	1606	139	505	2.75	100.0	24	167
90.0	65.0	32	15.0	120	16.0	ST	59	03	12	1841	122	542	2.25	100.0	11	44
90.0	70.0	32	05.0	120	38.0	ST	59	03	12	2201	140	513	2.73	100.0	18	614
90.0	80.0	31	44.5	121	18.0	ST	59	03	13	0306	138	532	2.59	100.0	17	66
90.0	90.0	31	24.0	121	58.5	ST	59	03	13	0841	140	624	2.24	100.0	17	33
93.0	28.0	32	55.0	117	22.0	ST	59	03	15	1246	140	527	2.66	100.0	11	18
93.0	30.0	32	46.0	117	29.5	ST	59	03	15	1011	138	537	2.57	100.0	13	25
93.0	35.0	32	38.0	117	51.0	ST	59	03	15	0731	137	491	2.78	100.0	17	35
93.0	40.0	32	30.0	118	12.5	ST	59	03	15	0311	138	504	2.74	100.0	60	156
93.0	45.0	32	20.0	118	33.5	ST	59	03	14	2231	146	503	2.90	100.0	216	54
93.0	50.0	32	04.5	118	51.0	ST	59	03	14	1731	140	478	2.92	100.0	314	421
93.0	55.0	31	55.0	119	12.0	ST	59	03	14	1326	150	444	3.37	100.0	79	18
93.0	60.0	31	45.5	119	33.0	ST	59	03	14	0941	147	474	3.11	100.0	18	94
93.0	70.0	31	27.0	120	13.5	ST	59	03	14	0356	128	550	2.33	100.0	12	94
93.0	80.0	31	08.5	120	54.5	ST	59	03	13	2006	140	532	2.64	100.0	23	45
93.0	90.0	30	50.0	121	35.0	ST	59	03	13	1326	131	569	2.31	100.0	7	14
97.0	30.0	32	16.0	117	08.8	PT	59	03	22	1124	50	186	2.70	100.0	11	24
97.0	32.0	32	11.8	117	16.2	PT	59	03	22	0956	141	539	2.62	100.0	3	54
97.0	35.0	32	03.0	117	27.0	PT	59	03	22	0736	136	546	2.49	100.0	14	67
97.0	40.0	31	53.0	117	48.2	PT	59	03	22	0436	139	530	2.62	100.0	19	6
97.0	45.0	31	43.2	118	08.3	PT	59	03	22	0201	143	519	2.75	100.0	27	19
97.0	50.0	31	33.8	118	29.0	PT	59	03	21	2306	144	526	2.74	100.0	10	61
97.0	55.0	31	23.3	118	49.0	PT	59	03	21	2011	145	471	3.08	100.0	20	50
97.0	60.0	31	14.4	119	08.2	PT	59	03	21	1731	138	521	2.65	100.0	2	75
100.0	29.0	31	42.1	116	43.5	PT	59	03	20	1727	80	373	2.16	100.0	11	76
100.0	30.0	31	40.6	116	46.6	PT	59	03	20	1846	139	534	2.61	100.0	16	99
100.0	35.0	31	30.2	117	08.0	PT	59	03	20	2136	131	548	2.39	100.0	72	37
100.0	40.0	31	19.7	117	29.5	PT	59	03	21	0051	140	538	2.60	100.0	62	148
100.0	45.0	31	08.0	117	50.5	PT	59	03	21	0401	137	556	2.46	100.0	17	32
100.0	50.0	30	58.0	118	12.8	PT	59	03	21	0636	137	536	2.55	100.0	6	33
100.0	55.0	30	51.0	118	29.8	PT	59	03	21	0906	136	574	2.36	100.0	3	70
100.0	60.0	30	44.9	118	45.9	PT	59	03	21	1216	128	547	2.35	100.0	4	22
103.0	30.0	31	04.2	116	23.6	PT	59	03	20	1059	48	192	2.53	100.0	73	2086

TABLE 1. (cont.)

CalCOFI Cruise 5903

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
103.0	35.0	30 52.4	116 43.3	PT	59 03 20	0746	145	496	2.92	100.0	6	147
103.0	40.0	30 43.6	117 04.8	PT	59 03 20	0447	138	555	2.48	100.0	16	36
103.0	45.0	30 39.0	117 23.7	PT	59 03 19	1436	129	562	2.30	100.0	7	37
103.0	50.0	30 33.5	117 42.3	PT	59 03 19	1226	137	538	2.55	100.0	4	13
103.0	55.0	30 26.5	118 01.9	PT	59 03 19	0926	132	554	2.37	100.0	4	1
103.0	60.0	30 16.7	118 28.4	PT	59 03 19	0636	142	507	2.79	100.0	6	8
103.0	70.0	29 52.7	119 05.0	PT	59 03 19	0031	134	544	2.46	100.0	17	14
103.0	80.0	29 28.1	119 44.8	PT	59 03 18	1911	145	505	2.86	100.0	6	27
107.0	32.0	30 25.5	116 10.8	PT	59 03 17	0836	140	514	2.73	100.0	44	372
107.0	35.0	30 19.5	116 21.2	PT	59 03 17	1046	139	542	2.56	100.0	35	485
107.0	40.0	30 09.2	116 45.2	PT	59 03 17	1336	137	533	2.58	100.0	12	199
107.0	45.0	29 59.6	117 02.6	PT	59 03 17	1635	138	582	2.37	100.0	2	76
107.0	50.0	29 50.4	117 21.3	PT	59 03 17	1931	138	536	2.58	100.0	62	147
107.0	55.0	29 41.5	117 42.4	PT	59 03 17	2226	141	523	2.69	100.0	12	49
107.0	60.0	29 32.0	118 01.1	PT	59 03 18	0156	134	533	2.51	100.0	16	19
107.0	70.0	29 12.0	118 40.5	PT	59 03 18	0706	135	562	2.40	100.0	2	16
107.0	80.0	28 52.3	119 23.7	PT	59 03 18	1226	143	501	2.85	100.0	3	94
110.0	33.0	29 50.5	115 52.2	OR	59 03 14	0843	85	338	2.50	100.0	58	285
110.0	35.0	29 46.5	116 00.0	OR	59 03 14	0716	142	483	2.94	100.0	104	141
110.0	40.0	29 35.5	116 18.4	OR	59 03 14	0321	149	440	3.39	100.0	40	100
110.0	45.0	29 25.4	116 39.0	OR	59 03 14	0026	144	495	2.91	100.0	61	353
110.0	50.0	29 15.4	116 59.0	OR	59 03 13	2131	142	519	2.74	100.0	47	19
110.0	55.0	29 03.6	117 19.2	OR	59 03 13	1830	140	504	2.77	100.0	10	89
110.0	60.0	28 55.5	117 38.0	OR	59 03 13	1545	140	517	2.70	100.0	15	33
110.0	65.0	28 46.2	117 56.5	OR	59 03 13	1220	144	507	2.83	100.0	3	13
110.0	70.0	28 36.0	118 18.0	OR	59 03 13	0921	142	523	2.71	100.0	3	69
110.0	80.0	28 17.8	118 55.0	OR	59 03 13	0445	140	546	2.56	100.0	1	17
110.0	90.0	27 59.0	119 33.0	OR	59 03 12	2351	147	490	3.00	100.0	2	19
113.0	30.0	29 22.5	115 18.0	OR	59 03 14	1329	36	138	2.60	100.0	15	40
113.0	35.0	29 12.4	115 37.8	OR	59 03 14	1620	137	507	2.70	100.0	33	47
113.0	40.0	29 02.3	115 57.5	OR	59 03 14	1910	142	481	2.96	100.0	19	48
113.0	45.0	28 52.3	116 17.0	OR	59 03 14	2200	140	499	2.81	100.0	19	5
113.0	50.0	28 42.6	116 36.4	OR	59 03 15	0041	149	464	3.20	100.0	34	41
113.0	55.0	28 33.0	116 56.0	OR	59 03 15	0326	147	466	3.16	100.0	40	23
113.0	60.0	28 23.5	117 14.5	OR	59 03 15	0716	138	502	2.74	100.0	7	43
113.0	65.0	28 12.5	117 35.0	OR	59 03 15	1011	142	484	2.93	100.0	1	18
113.0	70.0	28 02.0	117 54.5	OR	59 03 15	1256	148	451	3.27	100.0	4	50
113.0	80.0	27 42.5	118 38.5	OR	59 03 15	1811	141	481	2.94	100.0	6	86
117.0	26.0	28 56.0	114 40.7	OR	59 03 17	0845	62	240	2.57	100.0	155	1472
117.0	30.0	28 48.0	114 56.5	OR	59 03 17	0640	92	324	2.83	100.0	80	1041
117.0	35.0	28 38.0	115 16.0	OR	59 03 17	0400	139	519	2.67	100.0	248	1116
117.0	40.0	28 28.0	115 35.5	OR	59 03 16	2236	142	467	3.04	100.0	186	41
117.0	45.0	28 18.0	115 55.0	OR	59 03 16	1936	141	506	2.79	100.0	79	40
117.0	50.0	28 08.5	116 15.3	OR	59 03 16	1651	140	490	2.85	100.0	30	13
117.0	55.0	27 57.5	116 34.0	OR	59 03 16	1306	138	480	2.87	100.0	2	22

TABLE 1. (cont.)

CalCOFI Cruise 5903

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
117.0	60.0	27	47.7	116	53.5	OR	59	03	16	1026	142	497	2.86	100.0	7	19
117.0	65.0	27	42.5	117	22.5	OR	59	03	16	0700	141	507	2.78	100.0	8	13
117.0	70.0	27	31.5	117	39.5	OR	59	03	16	0415	141	503	2.81	100.0	7	13
117.0	80.0	27	08.4	118	12.5	OR	59	03	15	2315	140	498	2.82	100.0	27	43
118.0	39.0	28	19.0	115	24.5	OR	59	03	17	0041	142	471	3.01	100.0	115	115
119.0	33.0	28	19.0	114	53.2	OR	59	03	17	1808	83	300	2.78	100.0	181	422
120.0	25.0	28	23.0	114	15.0	OR	59	03	17	1334	41	164	2.50	100.0	53	1772
120.0	30.0	28	13.2	114	34.0	OR	59	03	17	1603	70	257	2.71	100.0	44	135
120.0	35.0	28	03.0	114	54.0	OR	59	03	17	2018	70	215	3.23	100.0	161	272
120.0	40.0	27	56.5	115	14.0	OR	59	03	17	2238	28	117	2.39	100.0	19	11
120.0	45.0	27	43.0	115	33.0	OR	59	03	18	0121	143	493	2.90	100.0	32	6
120.0	50.0	27	32.0	115	52.0	OR	59	03	18	0515	141	505	2.79	100.0	47	21
120.0	55.0	27	21.5	116	11.5	OR	59	03	18	0800	145	463	3.13	100.0	8	34
120.0	60.0	27	11.0	116	30.6	OR	59	03	18	1100	141	494	2.86	100.0	16	69
120.0	65.0	27	00.0	116	51.0	OR	59	03	18	1306	141	498	2.84	100.0	5	44
120.0	70.0	26	49.0	117	10.0	OR	59	03	18	1536	140	497	2.81	100.0	14	64
120.0	80.0	26	33.4	117	47.5	OR	59	03	18	2051	141	468	3.02	100.0	4	79
120.0	90.0	26	13.0	118	27.5	OR	59	03	19	0206	142	464	3.07	100.0	11	45
123.0	37.0	27	24.0	114	40.0	OR	59	03	20	0758	56	208	2.69	100.0	35	339
123.0	42.0	27	14.2	115	00.0	OR	59	03	20	0530	142	480	2.97	100.0	11	397
123.0	45.0	27	08.6	115	10.7	OR	59	03	20	0250	152	415	3.66	100.0	16	44
123.0	50.0	26	58.3	115	30.0	OR	59	03	20	0000	145	446	3.26	100.0	15	166
123.0	55.0	26	48.5	115	50.5	OR	59	03	19	2106	142	476	2.99	100.0	25	953
123.0	60.0	26	36.0	116	09.0	OR	59	03	19	1751	141	501	2.81	100.0	9	775
127.0	34.0	26	55.3	114	06.0	OR	59	03	20	1238	64	238	2.66	100.0	100	19
127.0	40.0	26	43.0	114	29.0	OR	59	03	20	1551	140	466	3.01	100.0	26	41
127.0	45.0	26	32.2	114	48.7	OR	59	03	20	1836	140	478	2.93	100.0	22	44
127.0	50.0	26	22.8	115	08.0	OR	59	03	20	2111	141	468	3.01	100.0	18	20
127.0	55.0	26	13.0	115	27.5	OR	59	03	21	0006	143	457	3.12	100.0	8	99
127.0	60.0	26	03.5	115	47.0	OR	59	03	21	0300	141	461	3.06	100.0	22	23
130.0	30.0	26	29.0	113	28.7	OR	59	03	22	0048	63	219	2.89	100.0	97	245
130.0	35.0	26	18.6	113	48.5	OR	59	03	21	2201	140	474	2.95	100.0	178	176
130.0	40.0	26	07.5	114	06.8	OR	59	03	21	1956	139	489	2.85	100.0	54	1632
130.0	45.0	25	57.5	114	26.0	OR	59	03	21	1626	140	501	2.80	100.0	18	72
130.0	50.0	25	48.0	114	45.0	OR	59	03	21	1356	140	460	3.04	100.0	24	21
130.0	55.0	25	39.0	115	02.5	OR	59	03	21	1115	142	472	3.00	100.0	24	142
130.0	60.0	25	26.8	115	22.8	OR	59	03	21	0815	139	483	2.89	100.0	22	178
133.0	25.0	26	03.2	112	45.5	OR	59	03	22	0608	70	252	2.77	100.0	7	24
133.0	30.0	25	55.0	113	07.6	OR	59	03	22	0920	141	472	2.98	100.0	45	25
133.0	35.0	25	44.4	113	26.5	OR	59	03	22	1645	137	491	2.80	50.0	53	536
133.0	40.0	26	34.6	113	45.2	OR	59	03	22	1945	139	471	2.96	100.0	154	253
133.0	45.0	25	24.6	114	04.5	OR	59	03	22	2216	140	474	2.96	100.0	60	217
133.0	50.0	25	14.5	114	23.8	OR	59	03	23	0106	143	460	3.11	100.0	103	54
134.0	36.0	25	35.7	113	25.2	OR	59	03	22	1516	120	406	2.95	100.0	41	795
137.0	23.0	25	33.7	112	18.5	OR	59	03	23	2220	56	205	2.74	100.0	1038	41

TABLE 1. (cont.)

CalCOFI Cruise 5903

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
137.0	30.0	25	19.5	112	46.0	OR	59	03	23	1815	139	472	2.95	100.0	217	224
137.0	35.0	25	09.0	113	05.3	OR	59	03	23	1526	141	480	2.93	100.0	32	866
137.0	40.0	24	58.0	113	25.2	OR	59	03	23	1156	144	497	2.91	100.0	11	634
137.0	45.0	24	49.0	113	43.2	OR	59	03	23	0821	140	471	2.97	100.0	42	44
137.0	50.0	24	40.3	114	00.0	OR	59	03	23	0606	142	484	2.93	100.0	24	103

TABLE 1. (cont.)

CalCOFI Cruise 5904

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	60.0	37	37.0	123	37.0	ST	59	04	24	0641	136	460	2.96	50.0	5	9
60.0	65.0	37	25.0	123	57.5	ST	59	04	24	0906	138	410	3.37	12.0	6	20
60.0	70.0	37	14.0	124	16.0	ST	59	04	24	1216	134	490	2.73	100.0	39	325
60.0	80.0	36	54.0	125	02.5	ST	59	04	24	1711	133	490	2.71	50.0	12	63
60.0	90.0	36	37.0	125	47.0	ST	59	04	24	2211	139	418	3.32	100.0	153	116
63.0	52.0	37	19.0	122	36.5	ST	59	04	24	0043	60	216	2.76	100.0	16	47
63.0	55.0	37	13.0	122	49.0	ST	59	04	23	2326	135	457	2.96	100.0	156	307
63.0	60.0	37	03.5	123	10.0	ST	59	04	23	2111	137	412	3.32	50.0	26	77
63.0	90.0	36	02.0	125	21.0	ST	59	04	25	0301	140	494	2.84	100.0	76	27
67.0	50.0	36	49.0	122	05.0	ST	59	04	23	1012	95	399	2.39	100.0	26	42
67.0	55.0	36	41.0	122	27.5	ST	59	04	23	1236	128	506	2.52	100.0	17	36
67.0	60.0	36	29.0	122	45.5	ST	59	04	23	1606	133	485	2.74	100.0	59	39
67.0	90.0	35	29.0	124	56.0	ST	59	04	25	0751	140	465	3.01	100.0	28	53
70.0	52.0	36	07.5	121	50.0	ST	59	04	23	0456	133	487	2.73	100.0	108	258
70.0	55.0	36	03.0	122	02.0	ST	59	04	23	0251	145	416	3.48	100.0	160	265
70.0	60.0	35	53.0	122	22.5	ST	59	04	23	0026	139	462	3.01	100.0	286	674
70.0	65.0	35	43.0	122	45.0	ST	59	04	22	2126	142	469	3.02	50.0	207	387
70.0	70.0	35	33.0	123	06.0	ST	59	04	22	1906	121	531	2.28	100.0	190	154
70.0	80.0	35	13.0	123	48.5	ST	59	04	22	1411	135	514	2.62	100.0	59	34
70.0	90.0	34	53.0	124	30.0	ST	59	04	22	0936	134	512	2.62	100.0	72	68
73.0	51.0	35	32.0	121	25.5	OR	59	04	25	1006	139	462	3.02	100.0	113	414
73.0	55.0	35	26.3	121	37.0	OR	59	04	25	1256	137	487	2.81	100.0	170	134
73.0	60.0	35	15.5	121	59.0	OR	59	04	25	1646	141	483	2.91	100.0	21	8
73.0	65.0	35	05.7	122	19.5	OR	59	04	25	1951	140	489	2.87	100.0	324	27
73.0	70.0	34	57.0	122	38.0	OR	59	04	25	2336	145	459	3.17	100.0	247	197
73.0	80.0	34	37.0	123	19.0	OR	59	04	26	0506	140	480	2.91	100.0	33	41
73.0	90.0	34	17.0	124	00.0	OR	59	04	26	1046	142	484	2.93	100.0	9	68
77.0	50.0	35	02.5	120	51.0	OR	59	04	25	0507	106	363	2.91	100.0	75	571
77.0	55.0	34	54.4	121	10.0	OR	59	04	25	0206	142	464	3.06	100.0	413	102
77.0	60.0	34	43.5	121	31.0	OR	59	04	24	2321	142	490	2.90	100.0	391	18
77.0	65.0	34	33.0	121	53.0	OR	59	04	24	1946	140	492	2.84	100.0	1155	57
77.0	70.0	34	22.5	122	14.0	OR	59	04	24	1706	136	498	2.74	100.0	9	24
77.0	80.0	34	07.0	122	53.0	OR	59	04	24	1206	143	467	3.07	100.0	25	30
77.0	90.0	33	43.0	123	40.0	OR	59	04	24	0506	141	476	2.97	100.0	5	85
80.0	52.0	34	24.5	120	36.0	OR	59	04	22	1836	130	504	2.58	100.0	76	38
80.0	55.0	34	18.7	120	48.5	OR	59	04	22	2211	143	477	3.00	100.0	748	116
80.0	60.0	34	09.2	121	09.5	OR	59	04	23	0106	144	455	3.17	100.0	663	32
80.0	65.0	33	59.5	121	31.0	OR	59	04	23	0516	141	457	3.07	100.0	565	28
80.0	70.0	33	50.0	121	53.5	OR	59	04	23	0846	141	470	3.00	100.0	297	139
80.0	75.0	33	38.5	121	11.0	OR	59	04	23	1116	137	473	2.91	100.0	82	34
80.0	80.0	33	29.0	122	32.0	OR	59	04	23	1506	142	450	3.16	100.0	12	28
80.0	85.0	33	17.5	122	52.0	OR	59	04	23	1751	140	475	2.95	100.0	15	327
80.0	90.0	33	09.0	123	13.0	OR	59	04	23	2116	138	488	2.83	100.0	21	133
82.0	47.0	34	15.5	119	57.5	OR	59	04	22	1346	144	444	3.25	100.0	15	32
83.0	40.0	34	13.7	119	21.6	OR	59	04	22	1010	13	82	1.60	100.0	11	14

TABLE 1. (cont.)

CalCOFI Cruise 5904

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
83.0	43.0	34	08.0	119	34.6	OR	59	04	22	0751	138	461	2.99	100.0	54	46
83.0	51.0	33	51.7	120	07.5	OR	59	04	22	0217	112	380	2.93	100.0	543	1009
83.0	55.0	33	44.0	120	24.5	OR	59	04	21	2301	138	510	2.71	100.0	484	246
83.0	60.0	33	31.0	120	43.0	OR	59	04	21	1906	140	490	2.85	100.0	166	51
83.0	65.0	33	23.5	121	05.5	OR	59	04	21	1526	138	364	3.78	100.0	79	49
83.0	70.0	33	16.2	121	25.5	OR	59	04	21	1256	137	498	2.76	100.0	17	66
83.0	75.0	33	05.5	121	48.7	OR	59	04	21	0921	137	494	2.78	100.0	38	303
83.0	80.0	32	55.2	122	09.0	OR	59	04	21	0626	140	474	2.95	100.0	23	494
83.0	85.0	32	45.0	122	28.0	OR	59	04	21	0216	141	476	2.96	100.0	30	355
83.0	90.0	32	34.2	122	48.0	OR	59	04	20	2326	146	462	3.17	100.0	52	1538
87.0	35.0	33	50.0	118	37.6	OR	59	04	19	0146	143	476	3.01	100.0	32	290
87.0	40.0	33	40.0	118	58.5	OR	59	04	19	0516	141	471	2.99	100.0	133	707
87.0	45.0	33	30.0	119	19.0	OR	59	04	19	0851	139	497	2.79	100.0	395	1104
87.0	50.0	33	20.0	119	39.5	OR	59	04	19	1129	49	190	2.58	100.0	294	1476
87.0	55.0	33	10.0	120	00.5	OR	59	04	19	1506	144	462	3.12	100.0	39	67
87.0	60.0	32	59.2	120	22.5	OR	59	04	19	1936	142	468	3.03	100.0	58	18
87.0	65.0	32	47.7	120	47.5	OR	59	04	19	2356	143	473	3.02	100.0	221	9
87.0	70.0	32	36.0	121	10.5	OR	59	04	20	0506	142	472	3.01	100.0	126	11
87.0	75.0	32	26.0	121	32.0	OR	59	04	20	0816	139	481	2.89	100.0	21	16
87.0	80.0	32	18.2	121	47.4	OR	59	04	20	1111	142	481	2.96	100.0	25	123
87.0	85.0	32	10.2	122	04.0	OR	59	04	20	1326	143	480	2.98	100.0	18	403
87.0	90.0	32	00.8	122	26.8	OR	59	04	20	1706	141	494	2.84	100.0	52	639
90.0	28.0	33	28.5	117	47.0	OR	59	04	17	1306	92	342	2.69	100.0	142	287
90.0	32.0	33	20.5	118	03.3	OR	59	04	17	1001	140	481	2.91	100.0	546	694
90.0	37.0	33	10.5	118	23.5	OR	59	04	16	0736	136	503	2.71	100.0	71	237
90.0	45.0	32	55.0	118	56.4	OR	59	04	16	0306	144	464	3.11	100.0	536	237
90.0	50.0	32	44.7	119	16.6	OR	59	04	15	2207	92	329	2.78	100.0	306	191
90.0	55.0	32	35.5	119	35.4	OR	59	04	15	1926	133	511	2.61	100.0	941	1699
90.0	60.0	32	24.6	119	57.6	OR	59	04	15	1546	138	482	2.86	100.0	588	19
90.0	70.0	32	01.0	120	38.0	OR	59	04	15	0736	140	484	2.90	100.0	89	267
90.0	75.0	31	52.0	120	58.0	OR	59	04	15	0356	139	496	2.81	100.0	72	573
90.0	80.0	31	43.0	121	18.3	OR	59	04	15	0006	142	495	2.88	100.0	14	102
90.0	85.0	31	34.2	121	39.0	OR	59	04	14	2106	144	499	2.89	100.0	6	98
90.0	90.0	31	23.0	122	03.7	OR	59	04	14	1556	140	497	2.81	100.0	17	22
93.0	28.0	32	54.6	117	22.2	OR	59	04	12	1751	138	515	2.68	100.0	147	256
93.0	30.0	32	50.0	117	31.6	OR	59	04	12	2006	140	485	2.88	100.0	100	436
93.0	35.0	32	40.0	117	52.5	OR	59	04	12	2246	141	466	3.03	100.0	26	92
93.0	40.0	32	29.6	118	13.3	OR	59	04	13	0216	139	505	2.75	100.0	1476	155
93.0	45.0	32	20.0	118	32.5	OR	59	04	13	0506	142	489	2.91	100.0	2197	149
93.0	50.0	32	10.0	118	52.2	OR	59	04	13	0816	142	489	2.90	100.0	715	189
93.0	55.0	32	00.0	119	13.0	OR	59	04	13	1106	140	495	2.83	50.0	553	161
93.0	60.0	31	50.2	119	33.0	OR	59	04	13	1446	146	478	3.05	100.0	357	67
93.0	65.0	31	40.7	119	53.7	OR	59	04	13	1726	138	497	2.78	100.0	121	143
93.0	70.0	31	30.0	120	13.5	OR	59	04	13	2106	141	499	2.82	100.0	60	130
93.0	75.0	31	21.5	120	34.0	OR	59	04	13	2356	141	489	2.88	100.0	27	753

TABLE 1. (cont.)

CalCOFI Cruise 5904

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	80.0	31	11.5	120	54.2	OR	59	04	14	0346	140	490	2.86	100.0	26	753
93.0	85.0	31	01.3	121	14.7	OR	59	04	14	0636	141	490	2.87	100.0	5	65
93.0	90.0	30	52.0	121	34.8	OR	59	04	14	0946	142	488	2.90	100.0	6	9
97.0	32.0	32	11.0	117	16.2	PT	59	04	11	1026	141	499	2.83	100.0	12	143
97.0	35.0	32	04.0	117	29.2	OR	59	04	11	0741	140	484	2.90	100.0	7	112
97.0	40.0	31	56.5	117	44.0	OR	59	04	11	0526	141	486	2.91	100.0	143	30
97.0	45.0	31	46.0	118	05.5	OR	59	04	11	0140	145	502	2.88	100.0	1039	12
97.0	50.0	31	35.6	118	27.7	OR	59	04	10	2306	143	487	2.95	100.0	260	27
97.0	60.0	31	16.0	119	09.5	OR	59	04	10	1601	140	504	2.78	100.0	66	62
97.0	65.0	31	05.0	119	31.0	OR	59	04	10	1216	143	495	2.88	100.0	21	597
97.0	70.0	30	55.6	119	54.7	OR	59	04	10	0816	140	498	2.82	100.0	23	46
97.0	75.0	30	45.6	120	14.7	OR	59	04	10	0426	140	518	2.70	100.0	39	164
97.0	80.0	30	36.0	120	32.5	OR	59	04	10	0126	142	511	2.77	100.0	8	72
97.0	85.0	30	26.0	120	51.0	OR	59	04	09	2156	143	499	2.86	100.0	9	137
97.0	90.0	30	16.5	121	09.5	OR	59	04	09	1906	141	509	2.76	100.0	4	23
100.0	29.0	31	42.2	116	43.4	OR	59	04	07	2138	72	269	2.70	100.0	7	61
100.0	30.0	31	40.5	116	46.5	OR	59	04	07	2316	145	488	2.96	100.0	26	578
100.0	35.0	31	30.7	117	06.7	OR	59	04	08	0206	138	513	2.68	100.0	2	79
100.0	40.0	31	21.0	117	27.0	OR	59	04	08	0536	140	506	2.78	100.0	7	67
100.0	45.0	31	10.5	117	47.5	OR	59	04	08	0826	141	529	2.67	100.0	4	37
100.0	50.0	31	00.0	118	07.5	OR	59	04	08	1206	138	504	2.74	100.0	2	51
100.0	55.0	30	51.0	118	26.5	OR	59	04	08	1451	140	516	2.72	100.0	9	85
100.0	60.0	30	40.3	118	47.0	OR	59	04	08	1826	141	493	2.85	100.0	6	71
100.0	65.0	30	30.8	119	07.0	OR	59	04	08	2116	141	506	2.79	100.0	10	119
100.0	70.0	30	20.5	119	27.0	OR	59	04	09	0036	144	505	2.84	100.0	19	120
100.0	75.0	30	10.0	119	48.0	OR	59	04	09	0341	141	492	2.86	100.0	50	55
100.0	80.0	30	00.0	120	09.0	OR	59	04	09	0716	140	513	2.74	100.0	15	70
100.0	85.0	29	49.0	120	30.0	OR	59	04	09	1006	140	513	2.73	100.0	2	7
100.0	90.0	29	40.0	120	48.0	OR	59	04	09	1306	142	500	2.85	100.0	3	52
103.0	30.0	31	04.6	116	25.8	PT	59	04	08	0313	59	290	2.04	100.0	50	758
103.0	35.0	30	55.2	116	45.2	PT	59	04	08	0641	138	498	2.77	100.0	431	466
103.0	40.0	30	45.2	117	05.7	PT	59	04	08	1021	139	541	2.57	100.0	69	69
103.0	45.0	30	34.2	117	21.0	PT	59	04	08	1316	134	556	2.40	100.0	12	37
103.0	50.0	30	25.0	117	41.7	PT	59	04	08	1656	140	498	2.82	100.0	10	31
103.0	55.0	30	16.0	118	02.3	PT	59	04	08	1951	141	486	2.91	100.0	7	80
103.0	60.0	30	07.0	118	23.1	PT	59	04	08	2316	137	518	2.64	100.0	31	63
103.0	65.0	29	56.5	118	43.0	PT	59	04	09	0246	140	493	2.83	100.0	10	43
103.0	70.0	29	46.0	119	04.0	PT	59	04	09	0621	133	499	2.66	100.0	4	77
103.0	75.0	29	35.0	119	24.0	PT	59	04	09	0916	142	496	2.85	100.0	25	39
103.0	80.0	29	24.7	119	44.0	PT	59	04	09	1226	135	523	2.58	100.0	5	523
103.0	85.0	29	16.7	120	03.3	PT	59	04	09	1516	127	554	2.30	100.0	8	386
103.0	90.0	29	06.8	120	22.4	PT	59	04	09	1835	138	494	2.78	100.0	38	425
107.0	32.0	30	26.2	116	09.7	PT	59	04	11	1411	144	454	3.17	100.0	134	352
107.0	35.0	30	18.0	116	20.5	PT	59	04	11	1221	129	519	2.49	100.0	490	207
107.0	40.0	30	06.5	116	39.1	PT	59	04	11	0836	127	527	2.40	100.0	23	42

TABLE 1. (cont.)

CalCOFI Cruise 5904

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
107.0	45.0	30	00.0	117	03.3	PT	59	04	11	0451	144	442	3.25	100.0	32	32
107.0	50.0	29	49.9	117	23.5	PT	59	04	11	0151	127	495	2.57	100.0	71	36
107.0	55.0	29	41.2	117	41.7	PT	59	04	10	2226	132	520	2.55	100.0	96	166
107.0	60.0	29	31.8	118	01.0	PT	59	04	10	1931	138	500	2.77	100.0	38	37
107.0	65.0	29	22.3	118	21.0	PT	59	04	10	1531	138	472	2.93	100.0	7	68
107.0	70.0	29	13.9	118	42.0	PT	59	04	10	1241	140	480	2.92	100.0	12	333
107.0	75.0	29	02.7	119	01.7	PT	59	04	10	0941	137	491	2.79	100.0	31	208
107.0	80.0	28	51.4	119	19.1	PT	59	04	10	0626	138	488	2.82	100.0	5	632
107.0	85.0	28	41.8	119	39.0	PT	59	04	10	0301	131	526	2.48	100.0	17	631
107.0	90.0	28	32.1	119	58.7	PT	59	04	10	0006	135	476	2.83	100.0	20	227
110.0	33.0	29	49.7	115	52.0	PT	59	04	11	1953	72	262	2.76	100.0	166	211
110.0	35.0	29	46.0	116	00.0	PT	59	04	11	2216	129	551	2.35	100.0	579	496
110.0	40.0	29	36.9	116	18.7	PT	59	04	12	0206	127	549	2.31	100.0	55	78
110.0	45.0	29	25.7	116	42.8	PT	59	04	12	0511	133	517	2.57	100.0	52	36
110.0	50.0	29	17.2	117	04.8	PT	59	04	12	0856	138	515	2.69	100.0	56	42
110.0	55.0	29	07.7	117	20.0	PT	59	04	12	1131	129	439	2.95	100.0	15	336
110.0	60.0	28	56.0	117	41.0	PT	59	04	12	1451	140	514	2.71	100.0	23	271
110.0	65.0	28	53.2	118	04.3	PT	59	04	12	1756	144	509	2.83	100.0	14	1082
110.0	70.0	28	36.5	118	17.0	PT	59	04	17	2101	141	526	2.69	100.0	15	726
110.0	75.0	28	26.5	118	37.5	PT	59	04	18	0001	143	530	2.69	100.0	22	271
110.0	80.0	28	12.0	118	58.9	PT	59	04	18	0346	132	528	2.50	100.0	24	229
110.0	85.0	28	07.0	119	19.0	PT	59	04	18	0646	136	481	2.83	100.0	17	111
113.0	30.0	29	22.8	115	17.6	PT	59	04	20	0609	48	202	2.36	100.0	245	74
113.0	35.0	29	11.1	115	40.9	PT	59	04	20	0256	130	535	2.43	100.0	2183	179
113.0	40.0	29	01.6	115	59.0	PT	59	04	19	2321	132	561	2.35	100.0	1553	345
113.0	45.0	28	51.9	116	18.8	PT	59	04	19	1946	133	519	2.56	100.0	34	22
113.0	50.0	28	42.0	116	37.5	PT	59	04	19	1656	130	499	2.61	100.0	65	31
113.0	55.0	28	35.0	117	00.0	PT	59	04	19	1321	129	557	2.31	100.0	35	24
113.0	60.0	28	28.9	117	12.4	PT	59	04	19	1131	129	570	2.26	100.0	48	604
113.0	65.0	28	17.5	117	32.9	PT	59	04	19	0811	121	574	2.12	100.0	26	179
113.0	70.0	28	06.4	117	52.0	PT	59	04	19	0516	140	408	3.43	100.0	38	128
113.0	75.0	27	55.2	118	12.5	PT	59	04	19	0141	138	532	2.59	100.0	53	161
113.0	80.0	27	44.8	118	32.6	PT	59	04	18	2236	127	561	2.26	100.0	14	221
113.0	85.0	27	33.2	118	52.0	PT	59	04	18	1916	132	449	2.95	100.0	37	25
113.0	90.0	27	22.0	119	12.1	PT	59	04	18	1616	143	499	2.86	100.0	11	193
117.0	26.0	28	55.8	114	40.8	PT	59	04	20	1113	65	297	2.18	100.0	63	484
117.0	30.0	28	50.0	114	53.2	PT	59	04	20	1347	87	360	2.42	100.0	100	546
117.0	35.0	28	38.1	115	16.1	PT	59	04	20	1736	136	550	2.47	100.0	413	87
117.0	40.0	28	28.0	115	35.4	PT	59	04	20	2116	129	534	2.42	25.0	1801	31
117.0	45.0	28	13.0	115	52.5	PT	59	04	21	1446	139	531	2.62	100.0	110	20
117.0	50.0	28	07.0	116	15.2	PT	59	04	21	1826	137	493	2.78	100.0	449	44
117.0	55.0	27	56.0	116	35.0	PT	59	04	21	2136	139	520	2.68	100.0	927	28
117.0	60.0	27	44.5	116	56.5	PT	59	04	22	0111	136	531	2.56	100.0	241	4
117.0	65.0	27	33.3	117	16.2	PT	59	04	22	0416	142	493	2.87	100.0	101	54
117.0	70.0	27	22.0	117	38.0	PT	59	04	22	0926	143	507	2.81	100.0	23	13

TABLE 1. (cont.)

CalCOFI Cruise 5904

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
117.0	75.0	27	08.4	118	01.5	PT	59	04	22	1226	136	542	2.50	100.0	10	59
117.0	80.0	27	04.5	118	08.5	PT	59	04	22	1416	129	543	2.37	100.0	18	55
117.0	85.0	26	58.5	118	24.0	PT	59	04	22	1616	137	525	2.62	100.0	19	117
117.0	90.0	26	47.0	118	50.0	PT	59	04	22	2116	141	505	2.79	100.0	70	381
118.0	39.0	28	18.4	115	23.8	PT	59	04	21	0025	128	517	2.47	100.0	613	199
119.0	33.0	28	19.0	114	56.0	ST	59	04	18	1142	92	313	2.94	100.0	120	87
120.0	25.0	28	23.0	114	14.5	ST	59	04	18	1636	34	138	2.47	100.0	221	665
120.0	30.0	28	13.0	114	34.0	ST	59	04	18	1410	63	244	2.57	100.0	69	1383
120.0	35.0	28	03.0	114	53.5	ST	59	04	18	0938	62	253	2.46	100.0	213	10
120.0	40.0	27	56.5	115	13.9	PT	59	04	24	1344	29	178	1.63	100.0	96	1128
120.0	45.0	27	43.8	115	29.6	PT	59	04	24	1126	136	521	2.60	100.0	276	28
120.0	50.0	27	34.0	115	49.0	PT	59	04	24	0646	141	516	2.74	100.0	80	50
120.0	55.0	27	23.6	116	09.0	PT	59	04	24	0321	142	505	2.81	100.0	395	68
120.0	60.0	27	12.5	116	28.5	PT	59	04	24	0026	134	546	2.46	100.0	51	120
120.0	65.0	27	03.0	116	48.5	PT	59	04	23	2056	136	532	2.56	100.0	86	78
120.0	70.0	26	54.2	117	10.5	PT	59	04	23	1756	140	491	2.85	100.0	17	79
120.0	75.0	26	44.0	117	29.5	PT	59	04	23	1436	139	523	2.65	100.0	12	143
120.0	80.0	26	36.8	117	46.3	PT	59	04	23	1231	139	517	2.68	100.0	10	137
120.0	85.0	26	25.0	118	07.0	PT	59	04	23	0851	138	515	2.68	100.0	10	130
120.0	90.0	26	15.0	118	25.0	PT	59	04	23	0301	139	514	2.71	100.0	31	212
130.0	30.0	26	29.0	113	29.0	ST	59	04	09	1743	55	254	2.15	100.0	21	104
130.0	35.0	26	19.0	113	48.5	ST	59	04	09	2031	136	498	2.73	100.0	5	727
130.0	40.0	26	03.5	114	16.5	ST	59	04	10	0041	134	475	2.83	100.0	16	324
130.0	45.0	25	59.0	114	26.0	ST	59	04	10	0221	133	457	2.91	100.0	55	52
130.0	50.0	25	49.0	114	45.0	ST	59	04	10	0526	136	502	2.70	100.0	47	72
130.0	55.0	25	39.0	115	04.0	ST	59	04	10	0746	141	480	2.95	100.0	38	16
130.0	60.0	25	31.0	115	20.0	ST	59	04	10	1056	124	547	2.27	100.0	63	20
133.0	25.0	26	04.5	112	48.0	ST	59	04	11	1348	54	226	2.38	100.0	4	1
133.0	30.0	25	52.0	113	08.0	ST	59	04	11	1056	124	545	2.27	100.0	25	25
133.0	35.0	25	44.5	113	26.5	ST	59	04	11	0626	139	506	2.76	100.0	19	55
133.0	40.0	25	34.5	113	45.5	ST	59	04	11	0351	157	391	4.01	100.0	59	95
133.0	45.0	25	24.5	114	05.0	ST	59	04	11	0011	149	441	3.37	100.0	47	19
133.0	50.0	25	14.5	114	24.0	ST	59	04	10	2131	146	478	3.06	100.0	63	30
133.0	55.0	25	04.5	114	43.0	ST	59	04	10	1826	135	512	2.64	100.0	95	266
133.0	60.0	24	54.5	115	01.2	ST	59	04	10	1541	129	511	2.52	100.0	77	55
134.0	36.0	25	33.0	113	20.0	ST	59	04	11	0806	99	714	1.38	100.0	46	249
137.0	23.0	25	34.0	112	18.5	ST	59	04	11	1785	54	224	2.41	100.0	3	10
137.0	30.0	25	20.5	112	44.5	ST	59	04	11	2126	141	515	2.74	100.0	227	90
137.0	35.0	25	10.0	113	04.5	ST	59	04	12	0006	127	560	2.26	100.0	67	138
137.0	40.0	25	00.0	113	23.5	ST	59	04	12	0256	132	496	2.65	100.0	135	114
137.0	45.0	24	50.0	113	42.5	ST	59	04	12	0501	137	489	2.79	100.0	19	332
137.0	50.0	24	40.0	114	02.0	ST	59	04	12	0756	136	506	2.68	100.0	33	107
137.0	55.0	24	30.0	114	20.5	ST	59	04	12	1016	149	481	3.09	100.0	26	64
137.0	60.0	24	20.0	114	39.5	ST	59	04	12	1256	126	506	2.48	100.0	91	18
137.0	70.0	23	59.5	115	18.0	ST	59	04	12	1731	135	492	2.75	100.0	11	6

TABLE 1. (cont.)

CalCOFI Cruise 5904

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
137.0	80.0	23	40.0	115	55.0	ST	59	04	12	2226	138	497	2.78	100.0	42	21
140.0	30.0	24	45.5	112	24.0	ST	59	04	14	0218	80	284	2.81	100.0	19	34
140.0	35.0	24	35.5	112	42.5	ST	59	04	13	2346	135	512	2.63	100.0	21	205
140.0	40.0	24	27.0	112	56.0	ST	59	04	13	2106	138	505	2.74	100.0	33	37
140.0	45.0	24	20.0	113	09.0	ST	59	04	13	1826	131	514	2.55	100.0	46	284
140.0	50.0	24	05.5	113	39.5	ST	59	04	13	1536	138	474	2.91	100.0	62	458
140.0	55.0	24	02.0	114	00.0	ST	59	04	13	1136	131	506	2.58	100.0	16	48
140.0	60.0	23	45.0	114	08.5	ST	59	04	13	0901	139	488	2.85	100.0	12	15
143.0	26.0	24	19.0	111	48.0	ST	59	04	14	1943	66	236	2.80	100.0	9	3
143.0	30.0	24	10.5	112	03.0	ST	59	04	14	2156	140	501	2.80	100.0	5	10
143.0	35.0	23	58.5	112	21.5	ST	59	04	15	0046	139	481	2.88	100.0	66	81
143.0	40.0	23	47.5	112	39.0	ST	59	04	15	0341	136	529	2.57	100.0	25	80
143.0	45.0	23	38.5	112	56.0	ST	59	04	15	0601	134	514	2.62	100.0	55	69
143.0	50.0	23	29.5	113	14.5	ST	59	04	15	0916	141	489	2.88	100.0	12	37
143.0	55.0	23	17.0	113	38.0	ST	59	04	15	1146	140	457	3.06	100.0	18	44
143.0	60.0	23	10.5	113	55.0	ST	59	04	15	1431	135	460	2.94	100.0	16	19
147.0	20.0	23	56.0	111	03.5	ST	59	04	16	2132	94	292	3.21	100.0	18	42
147.0	25.0	23	51.5	111	20.0	ST	59	04	16	1911	152	429	3.54	100.0	50	438
147.0	30.0	23	34.0	111	42.0	ST	59	04	16	1411	141	465	3.03	100.0	4	191
147.0	35.0	23	24.5	112	00.0	ST	59	04	16	1016	143	484	2.95	100.0	7	20
147.0	40.0	23	14.5	112	18.5	ST	59	04	16	0706	140	480	2.91	100.0	18	58
147.0	45.0	23	06.0	112	34.5	ST	59	04	16	0356	136	480	2.84	100.0	105	11
147.0	50.0	22	55.0	112	55.0	ST	59	04	16	0121	142	498	2.86	100.0	38	67
147.0	55.0	22	44.5	113	14.5	ST	59	04	15	2226	140	463	3.03	100.0	12	7
147.0	60.0	22	34.0	113	34.0	ST	59	04	15	1926	140	485	2.88	100.0	40	26

TABLE 1. (cont.)

CalCOFI Cruise 5905

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	52.0	37	53.5	123	02.0	BD	59	05	25	0418	67	265	2.52	100.0	6	11
60.0	55.0	37	47.5	123	15.0	BD	59	05	25	0238	84	266	3.18	50.0	18	3
60.0	60.0	37	38.5	123	29.0	BD	59	05	24	2311	136	400	3.40	12.0	4	0
60.0	65.0	37	28.0	123	54.5	BD	59	05	24	2046	141	462	3.04	25.0	18	8
60.0	70.0	37	19.0	124	16.0	BD	59	05	24	1846	142	468	3.03	50.0	21	66
60.0	75.0	37	09.0	124	39.0	BD	59	05	24	1636	109	578	1.89	100.0	13	218
60.0	80.0	36	57.5	125	04.0	BD	59	05	24	1421	134	503	2.67	50.0	12	76
60.0	85.0	36	47.0	125	25.0	BD	59	05	24	1206	136	466	2.93	50.0	5	69
60.0	90.0	36	37.0	125	47.0	BD	59	05	24	0901	139	478	2.91	100.0	29	46
63.0	55.0	37	14.0	122	49.5	BD	59	05	23	1213	136	493	2.76	100.0	13	9
63.0	60.0	37	02.5	123	11.5	BD	59	05	23	1456	139	488	2.85	50.0	14	25
63.0	65.0	36	53.0	123	32.0	BD	59	05	23	1726	135	471	2.87	50.0	15	153
63.0	70.0	36	43.0	123	55.5	BD	59	05	23	1941	135	484	2.97	12.0	1	11
63.0	75.0	36	33.0	124	17.0	BD	59	05	23	2150	135	444	3.05	50.0	12	16
63.0	80.0	36	23.0	124	38.0	BD	59	05	23	2356	140	449	3.12	50.0	20	23
63.0	85.0	36	13.0	124	59.0	BD	59	05	24	0236	140	448	3.13	50.0	23	41
63.0	90.0	36	03.0	125	21.0	BD	59	05	24	0456	137	469	2.93	100.0	35	85
67.0	50.0	36	49.0	122	04.6	BD	59	05	21	0115	98	325	3.03	100.0	35	11
67.0	55.0	36	39.0	122	26.0	BD	59	05	21	0345	140	416	3.37	100.0	66	105
67.0	60.0	36	29.0	122	47.5	BD	59	05	21	0616	137	399	3.43	100.0	201	568
67.0	65.0	36	19.0	123	09.0	BD	59	05	21	0831	128	410	3.13	50.0	11	18
67.0	70.0	36	08.0	123	30.0	BD	59	05	21	1056	136	505	2.70	100.0	114	212
67.0	75.0	35	57.8	123	51.2	BD	59	05	21	1356	143	475	3.00	50.0	10	197
67.0	80.0	35	48.0	124	13.0	BD	59	05	21	1806	144	474	3.04	100.0	58	268
70.0	52.0	36	08.5	121	49.8	BD	59	05	20	1216	139	474	2.93	100.0	5	13
70.0	55.0	36	03.0	122	02.0	BD	59	05	20	1356	137	466	2.94	100.0	37	117
70.0	60.0	35	53.0	122	23.0	BD	59	05	20	1631	139	526	2.64	100.0	67	134
70.0	75.0	35	24.0	123	27.3	BD	59	05	18	2136	137	501	2.74	100.0	59	189
70.0	80.0	35	18.8	123	48.0	BD	59	05	18	1856	134	393	3.41	100.0	22	91
70.0	85.0	35	03.0	124	09.0	BD	59	05	18	1601	142	410	3.47	100.0	33	39
70.0	90.0	34	53.0	124	30.0	BD	59	05	18	1235	138	494	2.80	50.0	4	5
73.0	51.0	35	35.5	121	20.0	BD	59	05	17	0921	143	449	3.20	100.0	31	17
73.0	55.0	35	27.5	121	37.5	BD	59	05	17	1116	134	484	2.78	100.0	7	38
73.0	60.0	35	18.0	121	58.5	BD	59	05	17	1406	140	456	3.08	100.0	29	621
73.0	65.0	35	08.3	122	18.5	BD	59	05	17	1635	142	419	3.39	100.0	13	737
73.0	70.0	34	58.2	122	40.0	BD	59	05	17	2040	142	469	3.02	100.0	60	522
73.0	75.0	34	45.5	123	07.0	BD	59	05	17	2311	140	460	3.05	100.0	23	379
73.0	80.0	34	33.3	123	32.5	BD	59	05	18	0156	141	467	3.01	100.0	39	174
73.0	85.0	34	21.0	123	59.0	BD	59	05	18	0436	141	468	3.02	50.0	18	47
73.0	90.0	34	10.5	124	21.0	BD	59	05	18	0700	138	473	2.92	100.0	8	48
77.0	50.0	35	04.4	120	52.0	BD	59	05	16	0857	108	418	2.57	100.0	13	20
77.0	60.0	34	44.0	121	34.0	BD	59	05	14	1435	138	498	2.77	100.0	96	461
77.0	65.0	34	34.0	121	55.0	BD	59	05	14	1051	139	461	3.01	100.0	16	219
77.0	70.0	34	24.2	122	16.0	BD	59	05	14	0736	141	420	3.35	100.0	229	606
77.0	75.0	34	14.2	122	36.0	BD	59	05	14	0431	142	481	2.95	100.0	245	1760

TABLE 1. (cont.)

CalCOFI Cruise 5905

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
77.0	80.0	34	04.2	122	57.0	BD	59	05	14	0205	145	450	3.22	100.0	36	199
77.0	85.0	33	54.0	123	18.0	BD	59	05	13	2345	135	472	2.85	100.0	15	52
77.0	90.0	33	44.0	123	39.0	BD	59	05	13	2121	138	482	2.86	100.0	70	31
80.0	52.0	34	24.5	120	36.0	BD	59	05	12	2205	139	475	2.96	100.0	19	15
80.0	55.0	34	19.0	120	48.0	BD	59	05	12	2350	139	499	2.79	100.0	106	68
80.0	60.0	34	09.0	121	09.0	BD	59	05	13	0211	140	462	3.04	100.0	102	40
80.0	65.0	33	59.0	121	30.0	BD	59	05	13	0526	138	509	2.71	100.0	31	27
80.0	70.0	33	50.0	121	52.0	BD	59	05	13	0736	136	489	2.78	100.0	45	138
80.0	75.0	33	40.0	122	12.0	BD	59	05	13	0956	137	477	2.86	100.0	11	140
80.0	80.0	33	29.0	122	32.0	BD	59	05	13	1221	141	447	3.16	100.0	181	207
80.0	85.0	33	19.0	122	53.0	BD	59	05	13	1456	138	470	2.94	100.0	114	277
80.0	90.0	33	09.0	123	13.0	BD	59	05	13	1716	132	543	2.42	100.0	28	84
80.0	100.0	32	49.0	123	54.0	BD	59	05	11	0546	141	492	2.87	100.0	47	246
80.0	110.0	32	29.0	124	34.5	BD	59	05	10	0106	144	471	3.06	100.0	73	252
80.0	120.0	32	10.6	125	14.0	BD	59	05	10	1921	137	473	2.90	100.0	55	173
80.0	130.0	31	49.0	125	56.0	BD	59	05	10	1431	138	499	2.76	100.0	23	52
80.0	145.0	31	25.3	126	50.0	BD	59	05	10	0706	141	488	2.88	100.0	23	35
82.0	47.0	34	15.0	119	58.0	BD	59	05	12	1826	135	501	2.70	100.0	12	22
83.0	40.0	34	14.0	119	22.0	BD	59	05	12	1530	12	68	1.76	100.0	3	53
83.0	43.0	34	08.0	119	34.0	BD	59	05	12	1341	127	496	2.57	100.0	29	306
83.0	51.0	33	52.0	120	08.3	BD	59	05	12	0838	64	269	2.37	100.0	56	165
83.0	55.0	33	44.0	120	24.5	BD	59	05	12	0701	138	496	2.78	100.0	73	1136
83.0	60.0	33	34.0	120	45.0	BD	59	05	12	0346	141	467	3.03	100.0	85	31
83.0	65.0	33	22.0	121	04.5	BD	59	05	12	0046	139	472	2.95	100.0	264	78
83.0	70.0	33	14.0	121	26.5	BD	59	05	11	2216	136	496	2.75	100.0	154	222
83.0	75.0	33	04.0	121	46.5	BD	59	05	11	2001	133	486	2.73	100.0	173	810
83.0	80.0	32	54.0	122	07.0	BD	59	05	11	1750	135	554	2.44	100.0	17	364
83.0	85.0	32	44.0	122	27.5	BD	59	05	11	1536	142	483	2.94	100.0	188	1528
83.0	90.0	32	34.0	122	47.5	BD	59	05	11	1316	144	478	3.01	100.0	17	218
87.0	35.0	33	50.0	118	37.5	BD	59	05	07	0506	139	537	2.58	100.0	73	1459
87.0	40.0	33	40.0	118	58.5	BD	59	05	07	0726	136	487	2.79	100.0	36	213
87.0	45.0	33	30.0	119	19.0	BD	59	05	07	0956	145	484	3.01	100.0	71	160
87.0	50.0	33	20.0	119	39.5	BD	59	05	07	1220	64	218	2.96	100.0	126	1389
87.0	55.0	33	10.0	120	00.5	BD	59	05	07	1441	142	471	3.02	100.0	108	147
87.0	60.0	33	00.0	120	21.5	BD	59	05	07	1711	141	453	3.12	100.0	53	61
87.0	65.0	32	50.0	120	41.5	BD	59	05	07	2046	144	422	3.42	100.0	98	44
87.0	70.0	32	39.3	121	03.0	BD	59	05	07	2336	145	427	3.41	100.0	32	44
87.0	75.0	32	29.0	121	25.4	BD	59	05	08	0216	142	468	3.04	100.0	48	100
87.0	80.0	32	19.0	121	47.7	BD	59	05	08	0501	139	505	2.75	100.0	13	216
87.0	85.0	32	09.0	122	09.5	BD	59	05	08	0736	144	488	2.95	100.0	15	200
87.0	90.0	31	59.0	122	32.0	BD	59	05	08	0946	140	473	2.96	100.0	30	283
90.0	28.0	33	28.3	117	47.0	OR	59	05	06	2051	133	493	2.70	100.0	412	228
90.0	32.0	33	20.5	118	03.0	OR	59	05	07	0005	141	528	2.68	100.0	166	89
90.0	37.0	33	11.0	118	24.0	OR	59	05	07	0341	141	482	2.92	100.0	5	110
90.0	45.0	32	56.5	118	57.0	OR	59	05	07	0856	140	472	2.96	100.0	59	29

TABLE 1. (cont.)

CalCOFI Cruise 5905

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	50.0	32 44.7	119 16.6	OR	59 05 07	1312	98	339	2.89	100.0	63	65
90.0	55.0	32 34.7	119 37.0	OR	59 05 07	1741	140	492	2.85	100.0	3	24
90.0	60.0	32 24.6	119 57.6	OR	59 05 07	2151	145	454	3.19	100.0	97	28
90.0	65.0	32 14.4	120 17.5	OR	59 05 08	0036	144	469	3.07	100.0	47	17
90.0	70.0	32 04.0	120 38.5	OR	59 05 08	0341	142	475	2.99	100.0	25	42
90.0	75.0	31 53.8	120 58.4	OR	59 05 08	0641	141	459	3.07	100.0	18	117
90.0	80.0	31 43.2	121 19.0	OR	59 05 08	1041	147	434	3.38	100.0	27	73
90.0	85.0	31 34.5	121 39.2	OR	59 05 08	1326	144	463	3.10	100.0	28	73
90.0	90.0	31 25.0	121 59.0	OR	59 05 08	1656	140	493	2.83	100.0	6	61
90.0	100.0	31 04.5	122 40.0	OR	59 05 08	1521	142	509	2.78	100.0	11	70
90.0	110.0	30 44.5	123 20.0	BD	59 05 09	0005	142	488	2.90	100.0	26	83
90.0	120.0	30 24.5	124 00.5	BD	59 05 09	0426	142	488	2.91	100.0	76	228
90.0	130.0	30 04.5	124 40.0	BD	59 05 09	0831	139	495	2.82	100.0	57	54
90.0	145.0	29 34.5	125 40.0	BD	59 05 09	1541	140	491	2.84	100.0	18	19
93.0	28.0	32 54.6	117 22.0	OR	59 05 10	1811	142	505	2.80	100.0	180	69
93.0	30.0	32 50.0	117 31.5	OR	59 05 10	1611	141	500	2.83	100.0	37	237
93.0	35.0	32 40.0	117 52.0	OR	59 05 10	1326	140	495	2.83	100.0	48	180
93.0	40.0	32 30.0	118 12.5	OR	59 05 10	1001	139	524	2.65	100.0	15	22
93.0	45.0	32 20.0	118 33.0	OR	59 05 10	0631	142	486	2.93	100.0	155	159
93.0	50.0	32 09.5	118 54.0	OR	59 05 10	0336	143	501	2.85	100.0	69	27
93.0	55.0	32 00.0	119 14.0	OR	59 05 09	2321	139	579	2.40	100.0	73	68
93.0	60.0	31 50.5	119 34.0	OR	59 05 12	1356	140	492	2.84	100.0	16	25
93.0	65.0	31 40.0	119 54.5	OR	59 05 12	1626	141	485	2.90	100.0	9	6
93.0	70.0	31 31.0	120 13.8	OR	59 05 12	1916	142	477	2.98	100.0	2	70
93.0	75.0	31 20.0	120 35.0	OR	59 05 12	2201	143	473	3.03	100.0	11	126
93.0	80.0	31 10.0	120 55.0	OR	59 05 09	0501	140	515	2.71	100.0	42	317
93.0	85.0	31 00.0	121 15.0	OR	59 05 09	0116	144	462	3.12	100.0	27	23
93.0	90.0	30 50.2	121 35.0	OR	59 05 08	2216	145	465	3.11	100.0	54	14
97.0	30.0	32 15.0	117 08.5	OR	59 05 11	1513	62	265	2.36	100.0	37	952
97.0	32.0	32 11.5	117 16.5	OR	59 05 11	1626	143	485	2.94	100.0	29	319
97.0	35.0	32 05.5	117 28.7	OR	59 05 11	1826	141	502	2.80	100.0	22	27
97.0	40.0	31 55.0	117 50.0	OR	59 05 11	2106	141	509	2.77	100.0	238	116
97.0	45.0	31 45.0	118 10.0	OR	59 05 12	0006	144	466	3.09	100.0	216	76
97.0	50.0	31 35.0	118 30.5	OR	59 05 12	0351	141	481	2.94	100.0	129	49
97.0	55.0	31 25.0	118 50.0	OR	59 05 12	0636	142	481	2.96	100.0	51	9
97.0	60.0	31 15.0	119 11.5	OR	59 05 12	0911	141	492	2.87	100.0	9	97
97.0	65.0	31 04.0	119 29.0	OR	59 05 13	0451	141	497	2.84	100.0	22	1894
97.0	70.0	30 54.0	119 50.0	OR	59 05 13	0736	140	475	2.94	100.0	21	1199
97.0	75.0	30 44.0	120 10.0	OR	59 05 13	1026	144	468	3.08	100.0	12	424
97.0	80.0	30 35.0	120 29.0	OR	59 05 13	1241	151	443	3.41	100.0	17	264
97.0	85.0	30 24.5	120 50.5	OR	59 05 13	1536	140	497	2.82	100.0	21	300
97.0	90.0	30 14.0	121 09.0	OR	59 05 13	1821	142	494	2.88	100.0	5	195
100.0	29.0	31 42.2	116 43.5	OR	59 05 15	1411	146	455	3.21	100.0	25	203
100.0	30.0	31 40.7	116 46.7	OR	59 05 15	1326	142	471	3.01	100.0	37	465
100.0	35.0	31 31.7	117 06.0	OR	59 05 15	1056	145	476	3.04	100.0	14	27

TABLE 1. (cont.)

CalCOFI Cruise 5905

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
100.0	40.0	31	21.5	117	25.7	OR	59	05	15	0756	147	446	3.29	100.0	55	34
100.0	45.0	31	10.5	117	46.0	OR	59	05	15	0456	141	475	2.97	100.0	36	73
100.0	50.0	31	00.0	117	07.0	OR	59	05	26	0816	142	463	3.06	100.0	61	35
100.0	55.0	30	50.0	118	27.0	OR	59	05	26	0526	141	490	2.88	100.0	56	36
100.0	60.0	30	40.3	118	47.0	OR	59	05	26	0236	148	435	3.39	100.0	33	177
100.0	65.0	30	28.0	119	07.0	OR	59	05	14	1421	133	493	2.70	100.0	27	508
100.0	70.0	30	21.2	119	29.0	OR	59	05	14	1146	143	466	3.07	100.0	14	2150
100.0	75.0	30	11.0	119	48.0	OR	59	05	14	0811	144	477	3.02	100.0	37	279
100.0	80.0	30	01.0	120	07.5	OR	59	05	14	0526	142	509	2.78	100.0	37	239
100.0	85.0	29	50.0	120	28.0	OR	59	05	14	0236	145	490	2.96	100.0	17	552
100.0	90.0	29	40.5	120	47.5	OR	59	05	13	2256	148	448	3.31	100.0	30	393
103.0	30.0	31	05.2	116	25.0	OR	59	05	15	1853	62	228	2.73	100.0	21	63
103.0	35.0	30	55.2	116	45.0	OR	59	05	15	2131	139	488	2.85	100.0	67	215
103.0	40.0	30	45.0	117	05.5	OR	59	05	16	0011	142	490	2.89	100.0	84	133
103.0	45.0	30	35.5	117	25.0	OR	59	05	16	0256	145	465	3.12	100.0	231	829
103.0	50.0	30	26.0	117	45.0	OR	59	05	16	0541	143	462	3.10	100.0	49	127
103.0	55.0	30	16.0	118	05.0	OR	59	05	16	0826	146	429	3.39	100.0	30	123
103.0	60.0	30	10.0	118	25.0	OR	59	05	16	1256	137	462	2.95	100.0	43	348
103.0	65.0	29	56.0	118	45.0	OR	59	05	16	1626	137	491	2.80	100.0	32	334
103.0	70.0	29	43.5	119	05.5	OR	59	05	16	1921	140	475	2.95	100.0	10	354
103.0	75.0	29	34.0	119	26.0	OR	59	05	16	2206	141	457	3.09	100.0	7	305
103.0	80.0	29	25.0	119	46.0	OR	59	05	17	0056	143	464	3.09	100.0	54	357
103.0	85.0	29	15.0	120	06.0	OR	59	05	17	0356	140	472	2.97	100.0	90	545
103.0	90.0	29	05.5	120	26.0	OR	59	05	17	0641	141	475	2.97	100.0	114	191
107.0	32.0	30	26.0	116	11.0	OR	59	05	18	2341	136	491	2.76	100.0	330	81
107.0	35.0	30	20.0	116	22.8	OR	59	05	18	2156	140	462	3.02	100.0	84	50
107.0	40.0	30	10.5	116	32.7	OR	59	05	18	1941	138	486	2.85	100.0	128	112
107.0	45.0	30	00.8	116	57.8	OR	59	05	18	1646	129	529	2.45	100.0	29	111
107.0	50.0	29	51.7	117	20.0	OR	59	05	18	1346	140	440	3.19	100.0	13	162
107.0	55.0	29	39.0	117	42.5	OR	59	05	18	1026	139	458	3.04	100.0	69	530
107.0	60.0	29	31.5	118	00.5	OR	59	05	18	0726	141	494	2.85	100.0	50	243
107.0	65.0	29	21.0	118	22.0	OR	59	05	18	0311	141	476	2.97	100.0	64	1036
107.0	70.0	29	10.0	118	43.0	OR	59	05	18	0011	144	457	3.15	100.0	72	346
107.0	75.0	29	01.5	119	01.0	OR	59	05	17	2111	141	462	3.05	100.0	56	94
107.0	80.0	28	51.3	119	20.0	OR	59	05	17	1821	140	477	2.94	100.0	29	1233
107.0	85.0	28	42.0	119	39.5	OR	59	05	17	1521	142	479	2.96	100.0	37	1261
107.0	90.0	28	30.0	120	03.0	OR	59	05	17	1146	146	465	3.15	100.0	17	1835
110.0	33.0	29	50.0	115	52.0	OR	59	05	19	1623	63	253	2.49	100.0	111	198
110.0	35.0	29	46.0	116	00.0	OR	59	05	19	1736	136	497	2.74	100.0	62	49
110.0	40.0	29	36.0	116	19.5	OR	59	05	19	2041	134	492	2.72	100.0	40	16
110.0	45.0	29	26.0	116	40.0	OR	59	05	20	2326	145	460	3.14	100.0	52	138
110.0	50.0	29	16.0	116	59.0	OR	59	05	20	0156	145	477	3.04	100.0	118	219
110.0	55.0	29	05.5	117	19.0	OR	59	05	20	0456	140	474	2.95	100.0	38	325
110.0	60.0	28	55.5	117	39.0	OR	59	05	20	0811	140	472	2.96	100.0	18	389
110.0	65.0	28	45.0	117	58.5	OR	59	05	20	1100	139	481	2.90	100.0	18	142

TABLE 1. (cont.)

CalCOFI Cruise 5905

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Stand-ard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
110.0	70.0	28	36.0	118	19.0	OR	59	05	20	1845	144	438	3.29	100.0	22	96
110.0	75.0	28	27.0	118	37.5	OR	59	05	20	2130	139	487	2.85	100.0	38	1407
110.0	80.0	28	18.0	118	58.0	OR	59	05	21	0021	142	491	2.88	100.0	31	224
110.0	85.0	28	08.0	119	17.0	OR	59	05	21	0311	138	480	2.88	100.0	27	230
110.0	90.0	28	00.0	119	38.0	OR	59	05	21	0626	140	481	2.91	100.0	17	786
113.0	30.0	29	22.5	115	17.5	OR	59	05	23	0028	71	250	2.85	100.0	33	108
113.0	35.0	29	12.0	115	39.0	OR	59	05	22	2111	135	593	2.28	100.0	167	48
113.0	40.0	28	58.7	116	02.0	OR	59	05	22	1736	140	485	2.89	100.0	6	62
113.0	45.0	28	50.0	116	20.0	OR	59	05	22	1451	134	510	2.64	100.0	8	7
113.0	50.0	28	39.4	116	40.5	OR	59	05	22	1136	148	438	3.37	100.0	38	66
113.0	55.0	28	30.0	116	59.0	OR	59	05	22	0835	136	474	2.86	100.0	15	111
113.0	60.0	28	20.0	117	17.4	OR	59	05	22	0556	143	490	2.91	100.0	4	8
113.0	65.0	28	10.0	117	36.0	OR	59	05	22	0145	147	454	3.23	100.0	63	27
113.0	70.0	28	00.0	117	54.0	OR	59	05	21	2300	137	481	2.85	100.0	18	918
113.0	75.0	27	49.7	118	13.0	OR	59	05	21	2011	138	475	2.90	100.0	16	186
113.0	80.0	27	40.3	118	33.0	OR	59	05	21	1716	141	473	2.99	100.0	11	206
113.0	85.0	27	31.0	118	52.6	OR	59	05	21	1436	145	473	3.05	100.0	25	37
113.0	90.0	27	28.5	119	17.0	OR	59	05	21	1131	142	464	3.07	100.0	14	128
117.0	26.0	28	56.0	114	41.0	OR	59	05	23	0508	70	252	2.79	100.0	12	92
117.0	30.0	28	48.0	114	56.5	OR	59	05	23	0730	84	322	2.62	100.0	12	947
117.0	35.0	28	38.0	115	16.0	OR	59	05	23	0945	136	454	3.00	100.0	110	463
117.0	40.0	28	28.0	115	35.5	OR	59	05	23	1716	136	511	2.66	100.0	3	8
117.0	45.0	28	18.0	115	55.2	OR	59	05	23	2021	139	481	2.90	100.0	42	14
117.0	50.0	28	08.0	116	15.0	OR	59	05	24	0056	145	465	3.12	100.0	50	9
117.0	55.0	27	57.0	116	33.0	OR	59	05	24	0346	141	477	2.96	100.0	114	5
117.0	60.0	27	46.4	116	53.5	OR	59	05	24	0636	141	480	2.94	100.0	9	16
117.0	65.0	27	36.0	117	15.0	OR	59	05	24	0916	143	480	2.98	100.0	3	17
117.0	70.0	27	25.0	117	37.0	OR	59	05	24	1156	139	495	2.82	100.0	3	7
117.0	75.0	27	17.0	117	52.0	OR	59	05	24	1400	141	481	2.93	100.0	2	274
117.0	80.0	27	06.0	118	13.0	OR	59	05	24	1645	140	477	2.94	100.0	47	156
117.0	85.0	26	55.0	118	34.5	OR	59	05	24	1915	141	479	2.94	100.0	121	66
117.0	90.0	26	47.5	118	49.5	OR	59	05	24	2116	141	476	2.95	100.0	23	150
118.0	39.0	28	18.5	115	23.2	OR	59	05	23	1300	139	454	3.07	100.0	16	11
119.0	33.0	28	19.0	114	53.0	OR	59	06	04	0747	91	337	2.70	100.0	15	311
120.0	25.0	28	23.0	114	15.0	OR	59	06	04	0248	56	227	2.45	100.0	94	881
120.0	30.0	28	13.1	114	34.2	OR	59	06	04	0522	92	323	2.84	100.0	24	267
120.0	35.0	28	03.2	114	54.6	OR	59	06	04	0948	70	274	2.54	100.0	3	29
120.0	40.0	27	56.5	115	14.0	PT	59	05	17	0439	26	141	1.83	100.0	96	45
120.0	45.0	27	42.1	115	40.5	PT	59	05	17	0026	138	508	2.71	100.0	199	39
120.0	50.0	27	29.2	115	44.0	PT	59	05	16	2156	140	490	2.85	100.0	66	64
120.0	55.0	27	17.2	116	06.0	PT	59	05	16	1730	136	492	2.77	100.0	19	56
120.0	60.0	27	06.5	116	28.0	PT	59	05	16	1430	136	492	2.76	100.0	50	366
120.0	65.0	26	54.1	116	50.0	PT	59	05	16	1115	137	493	2.78	100.0	37	265
120.0	70.0	26	46.4	117	06.8	PT	59	05	16	0841	137	497	2.75	100.0	77	49
120.0	80.0	26	32.0	117	48.4	PT	59	05	16	0246	133	509	2.62	100.0	510	493

TABLE 1. (cont.)

CalCOFI Cruise 5905

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	85.0	26 26.9	118 10.8	PT	59 05 15	2345	158	474	3.34	100.0	176	609
120.0	90.0	26 24.0	118 28.2	PT	59 05 15	2115	140	477	2.95	100.0	311	315
123.0	37.0	27 24.1	114 39.7	PT	59 05 14	1013	63	250	2.52	100.0	20	2
123.0	42.0	27 15.0	114 59.7	PT	59 05 14	1356	142	481	2.96	100.0	58	29
123.0	45.0	27 07.5	115 10.8	PT	59 05 14	1630	113	608	1.85	100.0	39	224
123.0	50.0	26 57.8	115 34.5	PT	59 05 14	2130	142	478	2.97	100.0	169	469
123.0	55.0	26 49.6	115 51.7	PT	59 05 15	0036	141	482	2.92	100.0	401	73
123.0	60.0	26 32.5	116 07.0	PT	59 05 15	0356	136	485	2.81	100.0	299	43
123.0	65.0	26 26.5	116 30.0	PT	59 05 15	0741	133	511	2.60	100.0	99	24
123.0	70.0	26 20.2	116 52.8	PT	59 05 15	1030	151	428	3.54	100.0	130	37
127.0	34.0	26 55.6	114 06.1	PT	59 05 13	0303	63	186	3.36	100.0	26	68
127.0	40.0	26 43.0	114 29.7	PT	59 05 12	2341	137	529	2.59	100.0	23	32
127.0	45.0	26 33.0	114 49.0	PT	59 05 12	2045	140	492	2.84	100.0	349	27
127.0	50.0	26 26.5	115 08.9	PT	59 05 12	1730	139	513	2.71	100.0	65	159
127.0	55.0	26 22.0	115 34.5	PT	59 05 12	1430	131	518	2.54	100.0	51	63
127.0	60.0	26 23.5	115 58.2	PT	59 05 12	1111	134	521	2.57	100.0	36	58
127.0	65.0	26 10.0	116 18.3	PT	59 05 12	0756	138	508	2.71	100.0	100	259
127.0	70.0	25 57.8	116 35.3	PT	59 05 12	0506	138	366	2.77	100.0	193	73
130.0	30.0	26 30.0	113 29.3	PT	59 05 11	0114	67	228	2.92	100.0	4	165
130.0	35.0	26 19.2	113 52.0	PT	59 05 11	0411	135	527	2.56	100.0	58	195
130.0	40.0	26 05.1	114 08.4	PT	59 05 11	0806	136	516	2.63	100.0	46	148
130.0	45.0	25 52.9	114 26.7	PT	59 05 11	1116	135	523	2.59	50.0	14	1624
130.0	50.0	25 46.9	114 42.8	PT	59 05 11	1400	135	500	2.70	100.0	69	868
130.0	55.0	25 35.0	115 04.0	PT	59 05 11	1715	138	502	2.74	100.0	135	98
130.0	60.0	25 29.8	115 24.2	PT	59 05 11	2015	136	504	2.68	100.0	172	71
133.0	25.0	26 04.7	112 44.6	PT	59 05 10	1820	67	283	2.37	100.0	18	141
133.0	30.0	25 52.0	113 06.3	PT	59 05 10	1530	134	504	2.66	100.0	10	13
133.0	35.0	25 40.0	113 23.7	PT	59 05 10	1226	140	506	2.76	100.0	20	53
133.0	40.0	25 28.7	113 44.2	PT	59 05 10	0916	133	510	2.61	100.0	6	138
133.0	45.0	25 18.5	114 04.1	PT	59 05 10	0636	116	599	1.93	100.0	18	107
137.0	23.0	25 34.0	112 19.0	PT	59 05 09	0228	57	244	2.34	100.0	36	97
137.0	30.0	25 19.7	112 44.0	PT	59 05 09	0626	137	510	2.69	100.0	3	10
137.0	35.0	25 07.5	113 05.0	PT	59 05 09	0936	143	517	2.76	100.0	0	118
137.0	40.0	25 00.0	113 23.5	PT	59 05 09	1321	136	494	2.76	100.0	3	29
137.0	45.0	24 49.8	113 42.7	PT	59 05 09	1620	129	522	2.47	100.0	181	331
137.0	50.0	24 40.8	114 00.0	PT	59 05 09	1927	149	441	3.37	100.0	325	59

TABLE 1. (cont.)

CalCOFI Cruise 5906

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	50.0	35	04.0	120	52.0	BD	59	06	17	0831	140	490	2.85	100.0	2	10
77.0	55.0	34	54.5	121	13.0	BD	59	06	17	1046	127	404	3.14	100.0	13	3
77.0	60.0	34	44.0	121	34.0	BD	59	06	17	1331	136	424	3.21	100.0	88	149
77.0	65.0	34	34.0	121	55.0	BD	59	06	17	1611	138	412	3.35	100.0	79	98
77.0	70.0	34	24.2	122	16.0	BD	59	06	17	1851	138	568	2.43	100.0	74	168
77.0	80.0	34	04.2	122	57.0	BD	59	06	14	0406	143	390	3.67	100.0	49	265
77.0	85.0	33	54.0	123	18.0	BD	59	06	14	0101	140	589	2.37	100.0	95	843
77.0	90.0	33	44.0	123	38.5	BD	59	06	13	2211	141	482	2.93	100.0	29	31
80.0	52.0	34	24.7	120	36.0	BD	59	06	12	2156	127	477	2.66	100.0	426	44
80.0	55.0	34	19.0	120	48.0	BD	59	06	12	2321	135	444	3.04	100.0	379	34
80.0	60.0	34	09.0	121	09.0	BD	59	06	13	0146	138	405	3.41	100.0	58	1
80.0	65.0	33	59.0	121	30.0	BD	59	06	13	0506	136	478	2.85	100.0	42	9
80.0	70.0	33	49.0	121	51.0	BD	59	06	13	0721	139	360	3.87	100.0	10	598
80.0	75.0	33	38.5	122	11.5	BD	59	06	13	0916	137	471	2.92	100.0	28	796
80.0	80.0	33	33.0	122	30.8	BD	59	06	13	1146	139	394	3.52	100.0	2	173
80.0	85.0	33	19.0	122	53.0	BD	59	06	13	1431	138	452	3.04	100.0	18	427
80.0	90.0	33	09.0	123	13.0	BD	59	06	13	1701	138	421	3.27	100.0	97	128
82.0	47.0	34	15.0	119	58.0	BD	59	06	12	1746	123	508	2.42	100.0	13	119
83.0	40.0	34	14.0	119	22.0	BD	59	06	12	1439	20	82	2.47	100.0	28	343
83.0	43.0	34	08.0	119	34.0	BD	59	06	12	1256	138	461	3.00	100.0	8	259
83.0	51.0	33	52.0	120	08.3	BD	59	06	12	0838	80	314	2.55	100.0	38	17
83.0	55.0	33	44.0	120	24.5	BD	59	06	12	0646	143	448	3.19	100.0	67	11
83.0	60.0	33	34.0	120	45.0	BD	59	06	12	0341	141	470	2.99	100.0	124	19
83.0	65.0	33	17.0	121	03.3	BD	59	06	12	0051	138	468	2.96	100.0	66	145
83.0	70.0	33	08.8	121	24.0	BD	59	06	11	2231	137	477	2.88	100.0	99	35
83.0	75.0	33	00.0	121	45.0	BD	59	06	11	2006	140	454	3.08	100.0	28	193
83.0	80.0	32	51.5	122	06.0	BD	59	06	11	1736	139	477	2.91	100.0	10	375
83.0	85.0	32	42.5	122	26.5	BD	59	06	11	1506	143	468	3.07	100.0	12	303
83.0	90.0	32	34.5	122	48.0	BD	59	06	11	1236	136	463	2.93	100.0	5	18
87.0	35.0	33	50.0	118	37.5	BD	59	06	10	0441	132	518	2.55	50.0	29	1325
87.0	40.0	33	40.0	118	58.5	BD	59	06	10	0706	131	546	2.40	100.0	84	146
87.0	45.0	33	30.0	119	19.0	BD	59	06	10	0941	122	551	2.21	100.0	5	65
87.0	50.0	33	20.0	119	39.5	BD	59	06	10	1218	67	256	2.61	100.0	31	98
87.0	55.0	33	10.0	120	00.5	BD	59	06	10	1441	142	431	3.29	100.0	21	100
87.0	60.0	33	00.0	120	21.5	BD	59	06	10	1706	139	453	3.07	100.0	25	28
87.0	65.0	32	49.5	120	42.0	BD	59	06	10	2006	138	463	2.97	100.0	485	992
87.0	70.0	32	39.5	120	01.0	BD	59	06	10	2222	136	416	3.28	100.0	72	33
87.0	75.0	32	29.5	121	22.0	BD	59	06	11	0051	134	478	2.80	100.0	37	10
87.0	80.0	32	19.5	121	43.0	BD	59	06	11	0311	133	433	3.07	100.0	57	36
87.0	85.0	32	09.0	122	03.0	BD	59	06	11	0536	132	474	2.78	100.0	4	14
87.0	90.0	31	59.0	122	24.0	BD	59	06	11	0806	137	494	2.77	100.0	13	81
90.0	28.0	33	28.5	117	46.7	HO	59	06	19	1211	120	480	2.51	100.0	8	134
90.0	32.0	33	22.0	118	03.7	HO	59	06	19	0936	92	602	1.53	100.0	5	26
90.0	37.0	33	10.5	118	23.5	HO	59	06	19	0611	107	531	2.01	100.0	9	6
90.0	45.0	32	54.8	118	56.3	HO	59	06	19	0210	132	446	2.96	100.0	181	251

TABLE 1. (cont.)

CalCOFI Cruise 5906

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
90.0	50.0	32	44.7	119	16.5	HO	59	06	18	2346	126	447	2.82	100.0	234	182
90.0	55.0	32	16.7	119	39.5	HO	59	06	18	1916	133	462	2.88	100.0	21	13
90.0	60.0	32	10.0	120	00.0	HO	59	06	18	1456	109	549	1.98	100.0	66	5
90.0	65.0	32	04.0	120	19.0	HO	59	06	18	1216	135	480	2.81	100.0	6	49
90.0	70.0	31	58.0	120	37.0	HO	59	06	18	0911	130	492	2.65	100.0	12	86
90.0	75.0	31	52.0	120	56.0	HO	59	06	18	0746	121	473	2.11	100.0	13	212
90.0	80.0	31	44.0	121	19.0	HO	59	06	18	0306	134	455	2.94	100.0	30	177
93.0	28.0	32	54.5	117	22.0	HO	59	06	15	1405	129	507	2.55	100.0	42	22
93.0	30.0	32	50.0	117	31.5	HO	59	06	15	1608	134	464	2.88	100.0	26	7
93.0	35.0	32	40.0	117	51.8	HO	59	06	15	1931	120	523	2.29	100.0	32	10
93.0	40.0	32	31.5	118	12.7	HO	59	06	15	2246	120	528	2.27	100.0	10	23
93.0	45.0	32	20.0	118	33.0	HO	59	06	16	0155	148	440	3.36	100.0	28	4
93.0	50.0	32	10.0	118	53.5	HO	59	06	16	0425	151	452	3.34	100.0	156	255
93.0	55.0	32	00.0	119	13.0	HO	59	06	16	0811	127	527	2.40	100.0	173	446
93.0	60.0	31	54.0	119	38.0	HO	59	06	16	1016	139	496	2.81	100.0	10	192
93.0	65.0	31	47.5	119	54.5	HO	59	06	16	1702	147	448	3.29	100.0	2	67
93.0	70.0	31	40.0	120	12.5	HO	59	06	16	1846	142	477	2.99	100.0	27	86
93.0	75.0	31	15.0	120	34.0	PT	59	06	29	0816	128	462	2.78	100.0	5	453
93.0	80.0	31	05.0	120	55.0	PT	59	06	29	0536	141	436	3.23	100.0	12	363
93.0	85.0	30	55.4	121	15.0	PT	59	06	29	0111	136	437	3.11	100.0	28	97
93.0	90.0	30	46.0	121	36.5	PT	59	06	28	2136	152	398	3.82	100.0	40	341
97.0	30.0	32	15.5	117	08.6	PT	59	06	26	1529	42	170	2.49	100.0	69	491
97.0	32.0	32	11.5	117	16.5	PT	59	06	26	1711	133	439	3.03	100.0	46	50
97.0	35.0	32	06.5	117	27.6	PT	59	06	26	1911	140	425	3.29	100.0	25	7
97.0	40.0	31	58.0	117	45.6	PT	59	06	26	2224	151	425	3.56	100.0	220	40
97.0	45.0	31	50.0	118	05.0	PT	59	06	27	0216	139	437	3.17	100.0	90	25
97.0	50.0	31	41.5	118	23.0	PT	59	06	27	0511	129	473	2.73	100.0	33	52
97.0	55.0	31	33.5	118	42.0	PT	59	06	27	0846	136	464	2.93	100.0	26	11
97.0	60.0	31	26.5	118	59.0	PT	59	06	27	1256	132	485	2.72	100.0	70	45
97.0	65.0	31	06.0	119	30.0	PT	59	06	27	1821	131	485	2.69	100.0	43	651
97.0	70.0	30	53.0	119	51.0	PT	59	06	27	2216	141	436	3.23	100.0	129	708
97.0	75.0	30	41.0	120	32.0	PT	59	06	28	0136	135	442	3.05	100.0	64	1463
97.0	80.0	30	28.0	120	32.0	PT	59	06	28	0511	137	525	2.61	100.0	72	435
97.0	85.0	30	23.0	120	49.5	PT	59	06	28	0811	148	425	3.48	100.0	14	217
97.0	90.0	30	20.0	121	10.5	PT	59	06	28	1211	122	473	2.58	100.0	4	2063
100.0	29.0	31	42.2	116	43.4	BD	59	06	26	0726	132	479	2.76	100.0	8	45
100.0	30.0	31	40.5	116	46.5	BD	59	06	26	0641	138	476	2.90	100.0	5	5
100.0	35.0	31	26.5	117	16.6	BD	59	06	26	0316	144	444	3.24	100.0	28	1
100.0	40.0	31	18.0	117	33.0	BD	59	06	26	0051	145	409	3.54	100.0	104	24
100.0	45.0	31	09.0	117	50.0	BD	59	06	25	2226	131	467	2.81	100.0	33	30
100.0	50.0	31	00.0	118	07.0	BD	59	06	25	1956	128	475	2.70	100.0	22	22
100.0	55.0	30	29.5	118	27.0	BD	59	06	25	1746	144	439	3.28	100.0	15	77
100.0	60.0	30	41.0	118	47.5	BD	59	06	25	1426	139	458	3.03	100.0	22	285
100.0	65.0	30	31.0	119	07.0	BD	59	06	25	1205	144	472	3.05	100.0	32	264
100.0	70.0	30	21.0	119	27.0	BD	59	06	25	0926	134	445	3.01	100.0	6	313

TABLE 1. (cont.)

CalCOFI Cruise 5906

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
100.0	75.0	30	10.7	119	47.5	BD	59	06	25	0706	136	458	2.98	100.0	56	427
100.0	80.0	29	55.0	120	02.0	BD	59	06	25	0416	143	430	3.34	100.0	22	124
100.0	85.0	29	46.5	120	23.5	BD	59	06	25	0146	143	440	3.25	100.0	94	2277
100.0	90.0	29	38.0	120	45.0	BD	59	06	24	2231	138	462	2.98	100.0	50	457
103.0	30.0	31	05.2	116	25.0	BD	59	06	23	0928	42	242	1.72	100.0	11	151
103.0	35.0	30	55.5	116	45.0	BD	59	06	23	1516	141	486	2.89	100.0	25	68
103.0	40.0	30	45.5	117	05.5	BD	59	06	23	1736	135	509	2.65	100.0	5	15
103.0	45.0	30	36.0	117	24.0	BD	59	06	23	1956	136	479	2.84	100.0	22	10
103.0	50.0	30	25.5	117	44.5	BD	59	06	23	2231	137	480	2.84	100.0	119	31
103.0	55.0	30	16.5	118	05.0	BD	59	06	24	0046	138	487	2.82	100.0	46	3
103.0	60.0	30	06.0	118	25.5	BD	59	06	24	0306	138	487	2.84	100.0	124	128
103.0	65.0	29	56.0	118	44.5	BD	59	06	24	0551	138	489	2.83	100.0	129	349
103.0	70.0	29	46.0	119	05.5	BD	59	06	24	0811	140	480	2.91	100.0	25	421
103.0	75.0	29	37.0	119	24.0	BD	59	06	24	1031	142	461	3.07	100.0	14	651
103.0	80.0	29	26.5	119	43.8	BD	59	06	24	1256	138	457	3.02	100.0	31	764
103.0	85.0	29	17.0	120	03.5	BD	59	06	24	1516	145	469	3.08	100.0	4	631
103.0	90.0	29	06.0	120	23.0	BD	59	06	24	1736	138	438	3.16	100.0	39	1533
107.0	32.0	30	25.8	116	11.0	BD	59	06	23	0436	136	491	2.78	100.0	52	120
107.0	35.0	30	20.0	116	23.0	BD	59	06	23	0256	145	455	3.18	100.0	11	19
107.0	40.0	30	10.5	116	43.5	BD	59	06	23	0046	145	444	3.26	100.0	49	32
107.0	45.0	30	00.0	117	03.5	BD	59	06	22	2221	138	493	2.79	100.0	89	85
107.0	50.0	29	50.5	117	23.5	BD	59	06	22	1956	140	456	3.07	100.0	11	17
107.0	55.0	29	40.5	117	39.0	BD	59	06	22	1736	142	470	3.03	100.0	15	70
107.0	60.0	29	31.0	118	03.0	BD	59	06	22	1441	144	475	3.03	100.0	33	359
107.0	65.0	29	22.0	118	21.0	BD	59	06	22	1216	144	489	2.95	100.0	61	118
107.0	70.0	29	11.0	118	41.0	BD	59	06	22	0956	138	528	2.62	100.0	13	154
107.0	75.0	29	03.0	119	03.0	BD	59	06	22	0656	138	503	2.75	100.0	58	327
107.0	80.0	28	53.0	119	22.0	BD	59	06	22	0441	139	522	2.67	100.0	30	215
107.0	85.0	28	43.0	119	39.0	BD	59	06	22	0221	143	498	2.87	100.0	110	1402
107.0	90.0	28	32.5	119	59.0	BD	59	06	22	0001	141	491	2.87	100.0	53	838
110.0	33.0	29	50.5	115	52.2	BD	59	06	20	1538	74	295	2.52	100.0	47	259
110.0	35.0	29	46.5	116	00.0	BD	59	06	20	1636	137	496	2.75	100.0	13	44
110.0	40.0	29	36.5	116	19.5	BD	59	06	20	1851	140	481	2.92	100.0	17	9
110.0	45.0	29	26.0	116	40.0	BD	59	06	20	2056	138	489	2.83	100.0	125	72
110.0	50.0	29	17.0	116	57.0	BD	59	06	20	2306	135	505	2.67	100.0	87	81
110.0	55.0	29	07.0	117	12.0	BD	59	06	21	0111	139	487	2.86	100.0	83	235
110.0	60.0	28	57.0	117	27.5	BD	59	06	21	0341	138	525	2.64	100.0	34	254
110.0	65.0	28	39.5	117	54.5	BD	59	06	21	0740	137	487	2.82	100.0	24	646
110.0	70.0	28	36.5	118	18.0	BD	59	06	21	0956	137	549	2.50	100.0	9	1171
110.0	75.0	28	27.0	118	37.0	BD	59	06	21	1216	140	515	2.72	100.0	82	1046
110.0	80.0	28	16.5	118	56.5	BD	59	06	21	1431	138	503	2.75	100.0	86	1046
110.0	85.0	28	07.0	119	16.0	BD	59	06	21	1651	141	510	2.76	100.0	80	378
110.0	90.0	27	56.5	119	36.0	BD	59	06	21	1906	141	485	2.91	100.0	51	202
113.0	30.0	29	25.5	115	21.0	OR	59	06	17	1123	55	206	2.69	100.0	3	16
113.0	35.0	29	13.3	115	40.0	OR	59	06	17	0756	131	475	2.76	100.0	71	91

TABLE 1. (cont.)

CalCOFI Cruise 5906

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
113.0	40.0	29	02.0	115	58.5	OR	59	06	17	0441	141	501	2.81	100.0	54	5
113.0	45.0	28	50.0	116	17.0	OR	59	06	17	0136	143	526	2.71	100.0	74	12
113.0	50.0	28	38.0	116	37.0	OR	59	06	16	2221	134	516	2.59	100.0	69	16
113.0	55.0	28	27.5	116	58.0	OR	59	06	16	1911	137	512	2.67	100.0	65	6
113.0	60.0	28	17.0	117	21.5	OR	59	06	16	1601	138	510	2.70	100.0	7	14
113.0	65.0	28	09.0	117	38.5	OR	59	06	16	1211	144	462	3.13	100.0	12	225
113.0	70.0	27	58.0	117	59.5	OR	59	06	16	0826	134	539	2.48	100.0	61	294
113.0	75.0	27	50.0	118	17.0	OR	59	06	16	0536	138	519	2.66	100.0	42	751
113.0	80.0	27	40.5	118	35.0	OR	59	06	16	0231	143	496	2.88	100.0	35	587
113.0	85.0	27	32.0	118	52.0	OR	59	06	15	2326	142	475	2.99	100.0	32	486
113.0	90.0	27	23.0	119	09.5	OR	59	06	15	2026	143	491	2.91	100.0	83	443
117.0	26.0	28	56.0	114	41.0	OR	59	06	13	1328	70	252	2.76	100.0	3	354
117.0	30.0	28	47.0	114	57.0	OR	59	06	13	1538	85	322	2.63	100.0	20	718
117.0	35.0	28	38.0	115	16.0	OR	59	06	13	1836	141	477	2.96	100.0	19	188
117.0	40.0	28	27.5	115	36.0	OR	59	06	13	2131	143	453	3.15	100.0	42	54
117.0	45.0	28	17.5	115	56.0	OR	59	06	14	1336	143	461	3.10	100.0	44	42
117.0	50.0	28	08.0	116	16.0	OR	59	06	14	1716	134	518	2.58	100.0	59	18
117.0	55.0	27	58.5	116	35.0	OR	59	06	14	1956	145	464	3.14	100.0	38	14
117.0	60.0	27	49.0	116	54.5	OR	59	06	14	2236	144	480	3.01	100.0	32	102
117.0	65.0	27	39.5	117	15.0	OR	59	06	15	0126	142	459	3.10	100.0	229	66
117.0	70.0	27	30.0	117	34.0	OR	59	06	15	0416	142	459	3.09	100.0	55	37
117.0	75.0	27	20.5	117	53.0	OR	59	06	15	0701	141	453	3.10	100.0	6	62
117.0	80.0	27	11.5	118	13.0	OR	59	06	15	0956	140	468	3.00	100.0	30	335
117.0	85.0	27	02.5	118	31.0	OR	59	06	15	1231	135	520	2.60	100.0	26	1482
117.0	90.0	26	51.0	118	49.0	OR	59	06	15	1511	143	484	2.95	100.0	48	320
118.0	39.0	28	18.5	115	24.0	OR	59	06	13	2326	142	448	3.17	100.0	78	133
119.0	33.0	28	17.3	114	52.0	OR	59	06	13	0143	98	360	2.70	100.0	26	690
120.0	25.0	28	23.2	114	14.5	OR	59	06	13	0803	58	179	3.22	100.0	11	526
120.0	30.0	28	13.2	114	34.2	OR	59	06	13	0517	90	321	2.81	50.0	18	148
120.0	35.0	28	03.2	114	54.5	OR	59	06	12	2323	70	251	2.79	100.0	15	26
120.0	40.0	27	56.4	115	14.0	OR	59	06	12	0839	29	140	1.98	100.0	11	181
120.0	45.0	27	38.5	115	32.3	OR	59	06	12	0406	140	512	2.73	100.0	41	88
120.0	50.0	27	31.7	115	51.8	OR	59	06	12	0016	142	500	2.83	100.0	125	19
120.0	55.0	27	23.0	116	12.0	OR	59	06	11	2101	137	492	2.79	100.0	142	48
120.0	60.0	27	15.5	116	28.8	OR	59	06	11	1816	138	505	2.76	100.0	107	42
120.0	65.0	27	04.0	116	48.5	OR	59	06	11	1526	144	476	3.01	100.0	47	41
120.0	70.0	26	54.7	117	07.8	OR	59	06	11	1306	144	482	2.99	100.0	103	50
120.0	75.0	26	45.5	117	24.5	OR	59	06	11	1041	133	497	2.68	100.0	17	32
120.0	80.0	26	34.9	117	45.0	OR	59	06	11	0756	141	472	2.99	100.0	54	62
120.0	85.0	26	24.5	118	04.5	OR	59	06	11	0426	141	483	2.93	100.0	144	21
120.0	90.0	26	13.0	118	23.8	OR	59	06	11	0126	145	474	3.07	100.0	89	24
123.0	37.0	27	24.0	114	40.0	OR	59	06	09	2003	62	284	2.19	50.0	53	46
123.0	42.0	27	13.5	115	00.0	OR	59	06	09	2311	139	468	2.96	100.0	135	122
123.0	45.0	27	06.8	115	11.5	OR	59	06	10	0111	144	490	2.95	25.0	20	25
123.0	50.0	26	56.0	115	31.5	OR	59	06	10	0411	142	495	2.86	100.0	487	66

TABLE 1. (cont.)

CalCOFI Cruise 5906

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
123.0	55.0	26	46.5	115	50.0	OR	59	06	10	0656	140	506	2.77	100.0	218	26
123.0	60.0	26	36.0	116	10.0	OR	59	06	10	0941	131	537	2.44	100.0	25	26
123.0	65.0	26	26.5	116	27.0	OR	59	06	10	1206	142	516	2.74	100.0	111	126
123.0	70.0	26	20.0	116	48.0	OR	59	06	10	1451	143	496	2.88	100.0	132	71
127.0	34.0	26	55.0	114	06.0	OR	59	06	09	1148	72	248	2.92	100.0	3	84
127.0	40.0	26	43.0	114	29.0	OR	59	06	09	0816	132	490	2.70	100.0	18	84
127.0	45.0	26	33.0	114	48.5	OR	59	06	09	0526	135	515	2.63	100.0	363	1864
127.0	50.0	26	24.0	115	07.0	OR	59	06	09	0226	142	494	2.88	100.0	503	91
127.0	55.0	26	14.0	115	26.0	OR	59	06	08	2316	137	498	2.76	100.0	631	81
127.0	60.0	26	04.5	115	45.0	OR	59	06	08	2011	133	504	2.64	100.0	203	153
127.0	65.0	25	53.5	116	06.0	OR	59	06	08	1701	141	499	2.82	100.0	62	141
127.0	70.0	25	44.0	116	26.0	OR	59	06	08	1351	143	506	2.83	100.0	57	32
130.0	30.0	26	28.6	113	29.0	OR	59	06	07	0828	66	274	2.41	100.0	53	1479
130.0	35.0	26	18.7	113	46.8	OR	59	06	07	1106	135	503	2.69	100.0	52	2485
130.0	40.0	26	08.1	114	03.5	OR	59	06	07	1431	144	470	3.06	100.0	88	862
130.0	45.0	26	02.4	114	21.3	OR	59	06	07	1721	140	498	2.81	100.0	13	276
130.0	50.0	25	52.0	114	47.0	OR	59	06	07	2041	140	491	2.86	100.0	9	77
130.0	55.0	25	44.0	115	05.0	OR	59	06	07	2341	134	503	2.67	100.0	310	350
130.0	60.0	25	31.5	115	24.0	OR	59	06	08	0226	140	471	2.96	100.0	263	215
130.0	65.0	25	21.5	115	43.0	OR	59	06	08	0506	141	500	2.83	100.0	125	45
130.0	70.0	25	11.0	116	02.5	OR	59	06	08	0746	139	481	2.89	100.0	131	106
133.0	25.0	26	01.6	112	44.5	OR	59	06	07	0148	70	267	2.64	100.0	8	7
133.0	30.0	25	52.0	113	06.0	OR	59	06	06	2256	140	505	2.77	100.0	2	2
133.0	35.0	25	44.4	113	26.6	OR	59	06	06	2001	133	514	2.58	100.0	13	85
133.0	40.0	25	33.2	113	47.5	OR	59	06	06	1416	142	503	2.83	100.0	10	214
133.0	45.0	25	25.5	114	00.0	OR	59	06	06	1136	136	509	2.67	100.0	7	348
133.0	50.0	25	14.5	114	20.5	OR	59	06	06	0856	138	507	2.71	100.0	3	217
134.0	36.0	25	38.0	113	24.6	OR	59	06	06	1756	138	507	2.72	100.0	4	32
137.0	23.0	25	34.0	112	19.0	OR	59	06	05	1203	71	262	2.72	100.0	21	90
137.0	30.0	25	20.3	112	44.7	OR	59	06	05	1536	141	497	2.83	100.0	1	10
137.0	35.0	25	10.0	113	03.0	OR	59	06	05	1811	140	500	2.80	100.0	3	91
137.0	40.0	25	00.0	113	22.0	OR	59	06	05	2146	141	471	3.00	100.0	1	110
137.0	45.0	24	50.0	113	41.0	OR	59	06	06	0036	143	488	2.93	100.0	1	99
137.0	50.0	24	40.0	114	00.0	OR	59	06	06	0321	144	488	2.95	100.0	4	259

TABLE 1. (cont.)

CalCOFI Cruise 5907

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
50.0	80.0	38	42.6	126	19.3	OR	59	07	26	1636	140	483	2.89	100.0	5	10
50.0	85.0	38	23.4	126	49.0	OR	59	07	26	1131	138	494	2.79	100.0	3	10
57.0	90.0	37	09.0	126	04.0	OR	59	07	25	1331	139	449	3.09	100.0	21	6
60.0	52.0	37	52.9	122	58.3	OR	59	07	23	2128	73	257	2.85	100.0	6	24
60.0	55.0	37	47.3	123	13.3	OR	59	07	23	2343	68	282	2.39	100.0	10	26
60.0	60.0	37	36.5	123	35.4	OR	59	07	24	0316	142	482	2.95	100.0	19	7
60.0	65.0	37	24.9	123	58.5	OR	59	07	24	0626	145	481	3.01	100.0	21	2
60.0	70.0	37	13.3	124	22.7	OR	59	07	24	0956	140	492	2.85	100.0	10	9
60.0	75.0	37	01.8	124	45.0	OR	59	07	24	1241	138	484	2.86	50.0	26	9
60.0	80.0	36	54.2	125	00.0	OR	59	07	24	1541	142	507	2.79	100.0	8	3
60.0	85.0	36	45.1	125	18.5	OR	59	07	24	1816	140	469	2.99	100.0	17	3
60.0	90.0	36	35.0	125	37.5	OR	59	07	25	0236	127	512	2.48	100.0	25	8
63.0	52.0	37	14.6	122	36.4	OR	59	07	22	0747	71	218	3.25	100.0	4	82
63.0	55.0	37	10.0	122	47.0	OR	59	07	22	0556	144	408	3.53	100.0	13	6
63.0	60.0	37	00.0	123	10.2	OR	59	07	22	0306	141	424	3.34	100.0	39	6
63.0	65.0	36	50.8	123	31.1	OR	59	07	22	0011	140	420	3.32	100.0	46	9
63.0	70.0	36	41.9	123	50.8	OR	59	07	21	2141	142	427	3.32	100.0	27	5
63.0	75.0	36	30.4	124	09.5	OR	59	07	21	1855	140	440	3.17	100.0	11	4
63.0	80.0	36	19.5	124	27.2	OR	59	07	21	1641	139	426	3.27	100.0	4	3
63.0	85.0	36	09.0	124	48.4	OR	59	07	21	1446	141	419	3.37	100.0	13	8
63.0	90.0	35	57.3	125	08.0	OR	59	07	21	1126	143	380	3.76	100.0	20	10
67.0	50.0	36	50.3	122	07.2	OR	59	07	20	0555	69	233	2.94	100.0	8	46
67.0	55.0	36	41.1	122	30.7	OR	59	07	20	0901	140	456	3.08	100.0	9	30
67.0	60.0	36	31.9	122	53.5	OR	59	07	20	1211	142	426	3.34	100.0	18	10
67.0	65.0	36	21.3	123	15.7	OR	59	07	20	1451	140	369	3.79	100.0	25	16
67.0	70.0	36	12.7	123	33.8	OR	59	07	20	1806	144	412	3.49	100.0	19	29
67.0	75.0	36	01.3	123	52.0	OR	59	07	20	2056	141	430	3.29	100.0	21	5
67.0	80.0	35	48.8	124	11.0	OR	59	07	21	0001	142	424	3.34	100.0	18	3
67.0	85.0	35	36.3	124	30.0	OR	59	07	21	0241	143	419	3.40	100.0	18	9
67.0	90.0	35	24.0	124	48.8	OR	59	07	21	0541	143	365	3.90	100.0	26	11
70.0	52.0	36	07.6	121	49.5	OR	59	07	19	2341	143	431	3.31	100.0	19	0
70.0	55.0	36	02.6	122	02.6	OR	59	07	19	2113	138	458	3.02	100.0	48	8
70.0	60.0	35	52.3	122	22.0	OR	59	07	19	1831	144	427	3.37	100.0	3	1
70.0	65.0	35	41.0	122	42.3	OR	59	07	19	1446	140	452	3.09	100.0	12	7
70.0	70.0	35	29.9	123	04.0	OR	59	07	19	1211	140	444	3.16	100.0	16	8
70.0	75.0	35	20.0	123	24.5	OR	59	07	19	0836	139	446	3.11	100.0	30	7
70.0	80.0	35	09.4	123	46.6	OR	59	07	19	0611	141	415	3.40	100.0	30	6
70.0	85.0	34	59.5	124	07.5	OR	59	07	19	0234	143	416	3.44	100.0	65	8
70.0	90.0	34	53.7	124	29.5	OR	59	07	18	2234	140	446	3.13	100.0	94	15
73.0	51.0	35	34.7	121	21.4	OR	59	07	17	1001	137	458	3.00	100.0	15	1
73.0	55.0	35	28.3	121	35.5	OR	59	07	17	1241	138	444	3.11	100.0	14	3
73.0	60.0	35	17.0	121	56.9	OR	59	07	17	1536	142	471	3.01	100.0	7	3
73.0	65.0	35	06.0	122	18.3	OR	59	07	17	1836	141	459	3.08	100.0	94	7
73.0	70.0	34	54.6	122	39.3	OR	59	07	17	2136	141	433	3.24	50.0	61	4
73.0	75.0	34	43.0	123	01.2	OR	59	07	18	0036	138	451	3.05	50.0	28	3

TABLE 1. (cont.)

CalCOFI Cruise 5907

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
73.0	80.0	34	31.8	123	22.9	OR	59	07	18	0357	142	433	3.29	100.0	9	4
73.0	85.0	34	19.8	123	45.0	OR	59	07	18	0656	142	403	3.53	100.0	2	2
73.0	90.0	34	08.8	124	07.0	OR	59	07	18	1001	142	438	3.23	100.0	10	24
77.0	50.0	35	05.0	120	52.5	OR	59	07	17	0516	128	460	2.79	100.0	43	11
77.0	55.0	34	49.5	121	13.0	OR	59	07	17	0206	143	426	3.37	100.0	86	2
77.0	60.0	34	41.5	121	34.0	OR	59	07	16	2241	135	458	2.95	100.0	41	5
77.0	65.0	34	31.5	121	54.5	OR	59	07	16	1921	143	436	3.29	100.0	21	4
77.0	70.0	34	24.0	122	16.5	OR	59	07	16	1631	142	462	3.07	25.0	6	6
77.0	75.0	34	12.2	122	36.0	OR	59	07	16	1311	137	463	2.97	100.0	24	15
77.0	80.0	33	59.8	122	57.1	OR	59	07	16	1031	125	544	2.30	100.0	26	11
77.0	85.0	33	50.0	123	17.5	OR	59	07	16	0706	141	443	3.18	100.0	18	3
77.0	90.0	33	40.0	123	39.0	OR	59	07	16	0411	146	419	3.49	100.0	6	3
80.0	52.0	34	25.0	120	35.5	OR	59	07	11	2123	140	411	3.40	100.0	109	35
80.0	55.0	34	18.7	120	47.5	OR	59	07	11	2356	140	440	3.19	100.0	205	3
80.0	60.0	34	08.3	121	09.3	OR	59	07	12	0336	140	400	3.50	100.0	148	15
80.0	65.0	33	58.5	121	32.0	OR	59	07	12	0626	139	423	3.28	100.0	79	4
80.0	70.0	33	49.9	121	55.1	OR	59	07	12	0936	131	452	2.89	100.0	10	31
80.0	75.0	33	37.5	122	11.1	OR	59	07	15	1036	132	476	2.78	100.0	19	17
80.0	80.0	33	29.0	122	32.5	OR	59	07	15	1326	139	454	3.07	100.0	3	3
80.0	85.0	33	19.0	122	54.2	OR	59	07	15	1556	144	460	3.13	100.0	6	31
80.0	90.0	33	10.2	123	15.1	OR	59	07	15	2136	129	470	2.74	50.0	19	15
82.0	47.0	34	15.0	118	58.0	OR	59	07	10	1636	132	485	2.73	100.0	55	87
83.0	40.0	34	14.0	119	22.0	PT	59	07	11	0805	12	72	1.63	100.0	9	163
83.0	43.0	34	08.0	119	34.0	PT	59	07	11	1006	137	547	2.51	100.0	43	201
83.0	51.0	33	52.0	120	08.0	PT	59	07	11	1557	92	412	2.24	100.0	25	369
83.0	55.0	33	44.0	120	24.5	PT	59	07	11	1916	131	511	2.57	100.0	51	160
83.0	60.0	33	34.0	120	45.0	PT	59	07	11	2256	130	528	2.45	100.0	21	5
83.0	65.0	33	24.0	121	05.5	PT	59	07	12	0206	142	500	2.85	100.0	11	3
83.0	70.0	33	14.0	121	26.0	PT	59	07	12	0536	126	530	2.38	100.0	15	8
83.0	75.0	33	03.5	121	46.0	PT	59	07	12	0826	141	482	2.93	100.0	15	11
83.0	80.0	32	57.0	122	06.0	PT	59	07	12	1156	130	517	2.52	100.0	2	50
83.0	85.0	32	44.0	122	26.0	PT	59	07	12	1451	145	472	3.06	100.0	9	90
83.0	90.0	32	34.0	122	48.0	PT	59	07	12	1916	135	533	2.52	100.0	14	323
87.0	35.0	33	50.0	118	36.5	PT	59	07	14	1806	142	460	3.08	100.0	19	37
87.0	40.0	33	40.5	118	57.0	PT	59	07	14	1406	138	516	2.67	100.0	4	21
87.0	45.0	33	30.0	119	19.0	PT	59	07	14	1116	129	502	2.58	100.0	3	7
87.0	50.0	33	20.2	119	39.5	PT	59	07	14	0803	62	247	2.50	100.0	40	166
87.0	55.0	33	05.0	119	59.0	PT	59	07	14	0356	146	458	3.18	100.0	39	7
87.0	60.0	32	56.0	120	20.5	PT	59	07	13	2306	135	443	3.04	100.0	10	10
87.0	65.0	32	46.5	120	40.0	PT	59	07	13	2016	143	454	3.16	100.0	15	8
87.0	70.0	32	37.7	121	01.5	PT	59	07	13	1626	125	559	2.23	100.0	8	3
87.0	80.0	32	18.0	121	42.5	PT	59	07	13	0806	147	465	3.16	100.0	6	11
87.0	85.0	32	09.0	122	02.5	PT	59	07	13	0431	139	505	2.76	100.0	6	13
87.0	90.0	31	59.5	122	23.0	PT	59	07	13	0116	135	493	2.73	100.0	11	67
90.0	28.0	33	28.5	117	46.7	PT	59	07	24	0656	125	438	2.86	100.0	12	90

TABLE 1. (cont.)

CalCOFI Cruise 5907

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
90.0	32.0	33	20.5	118	02.0	PT	59	07	24	0421	137	480	2.85	100.0	2	1
90.0	37.0	33	11.0	118	23.5	PT	59	07	24	0046	138	469	2.95	100.0	7	0
90.0	45.0	32	53.5	118	55.4	PT	59	07	23	1906	132	476	2.77	100.0	4	0
90.0	55.0	32	35.0	119	37.0	PT	59	07	23	1311	124	509	2.44	100.0	7	0
90.0	60.0	32	25.5	119	57.6	PT	59	07	23	0931	140	452	3.09	100.0	5	128
90.0	65.0	32	16.0	120	18.5	PT	59	07	23	0606	137	436	3.15	100.0	13	22
90.0	70.0	32	06.0	120	40.0	PT	59	07	23	0321	145	477	3.05	100.0	27	261
90.0	75.0	31	57.0	121	00.0	PT	59	07	22	2331	144	390	3.68	100.0	2	26
90.0	80.0	31	47.1	121	21.3	PT	59	07	22	2041	140	419	3.35	100.0	17	162
90.0	85.0	31	37.5	121	41.4	PT	59	07	22	1726	136	458	2.96	100.0	9	479
90.0	90.0	31	32.0	121	53.0	PT	59	07	22	1316	133	458	2.90	100.0	3	71
93.0	28.0	32	55.0	117	22.0	PT	59	07	20	1306	148	440	3.37	100.0	31	11
93.0	30.0	32	50.1	117	32.0	PT	59	07	20	1506	142	452	3.14	100.0	4	1
93.0	35.0	32	40.0	117	52.0	PT	59	07	20	1751	145	439	3.30	100.0	1	0
93.0	40.0	32	29.5	118	12.0	PT	59	07	20	2106	124	498	2.50	100.0	10	0
93.0	45.0	32	20.5	118	33.0	PT	59	07	21	0016	136	479	2.85	100.0	19	0
93.0	50.0	32	12.5	118	54.0	PT	59	07	21	0416	134	469	2.86	100.0	13	1
93.0	55.0	32	03.0	119	15.0	PT	59	07	21	0806	126	480	2.62	100.0	2	51
93.0	60.0	31	52.5	119	37.5	PT	59	07	21	1106	129	459	2.81	100.0	6	5
93.0	65.0	31	43.5	119	56.0	PT	59	07	21	1416	130	458	2.85	100.0	7	13
93.0	70.0	31	32.0	120	15.5	PT	59	07	21	1746	140	492	2.85	100.0	3	89
93.0	75.0	31	22.0	120	36.0	PT	59	07	21	2021	132	486	2.71	100.0	19	620
93.0	80.0	31	11.0	120	56.0	PT	59	07	21	2306	143	415	3.44	100.0	35	888
93.0	85.0	31	01.5	121	15.5	PT	59	07	22	0216	135	458	2.96	100.0	65	331
93.0	90.0	30	51.0	121	33.0	PT	59	07	22	0601	137	440	3.12	100.0	23	133
97.0	30.0	32	15.5	117	08.5	PT	59	07	20	0654	37	173	2.13	100.0	21	254
97.0	32.0	32	11.5	117	16.0	PT	59	07	20	0506	133	483	2.75	100.0	84	390
97.0	35.0	32	03.0	117	29.0	PT	59	07	20	0226	145	390	3.72	100.0	56	4
97.0	40.0	31	52.5	117	49.5	PT	59	07	19	2246	117	491	2.38	100.0	27	2
97.0	45.0	31	39.0	118	10.0	PT	59	07	19	1931	129	446	2.90	100.0	7	2
97.0	50.0	31	26.0	118	30.0	PT	59	07	19	1656	132	493	2.67	100.0	1	1
97.0	60.0	31	05.0	119	03.5	PT	59	07	19	0956	138	486	2.83	100.0	24	24
97.0	65.0	30	56.0	119	24.5	PT	59	07	19	0636	138	463	2.98	100.0	14	374
97.0	70.0	30	48.0	119	45.0	PT	59	07	19	0401	140	448	3.11	100.0	119	490
97.0	75.0	30	40.0	120	08.0	PT	59	07	19	0006	138	481	2.87	100.0	242	463
97.0	80.0	30	32.0	120	28.5	PT	59	07	18	2121	130	463	2.81	100.0	156	1009
97.0	85.0	30	23.0	120	50.5	PT	59	07	18	1806	142	472	3.00	100.0	53	69
97.0	90.0	30	16.0	121	07.0	PT	59	07	18	1506	139	507	2.75	100.0	113	340
100.0	29.0	31	42.2	116	43.4	PT	59	07	16	1626	130	473	2.74	100.0	4	44
100.0	30.0	31	40.8	116	46.3	PT	59	07	16	1706	144	475	3.03	100.0	70	140
100.0	35.0	31	31.0	117	06.8	PT	59	07	16	2026	151	401	3.77	100.0	37	15
100.0	40.0	31	21.0	117	26.8	PT	59	07	17	0021	143	441	3.23	100.0	30	6
100.0	45.0	31	06.0	117	50.0	PT	59	07	17	0316	136	493	2.75	100.0	64	6
100.0	50.0	30	54.5	118	12.5	PT	59	07	17	0626	140	495	2.83	100.0	20	61
100.0	55.0	30	46.0	118	29.0	PT	59	07	17	0926	130	522	2.49	100.0	118	154

TABLE 1. (cont.)

CalCOFI Cruise 5907

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	60.0	30	36.2	118	49.5	PT	59	07	17	1251	138	476	2.89	100.0	106	174
100.0	70.0	30	17.5	119	25.0	PT	59	07	17	1806	145	444	3.28	100.0	76	467
100.0	75.0	30	07.5	119	44.0	PT	59	07	17	2106	143	441	3.25	100.0	52	368
100.0	80.0	29	56.5	120	03.0	PT	59	07	18	0031	143	466	3.07	100.0	25	717
100.0	85.0	29	45.5	120	22.0	PT	59	07	18	0306	145	439	3.30	100.0	171	1582
100.0	90.0	29	36.0	120	40.0	PT	59	07	18	0606	145	441	3.28	100.0	18	814
103.0	30.0	31	05.2	116	25.0	BD	59	08	01	0859	47	204	2.31	100.0	2	98
103.0	35.0	30	57.0	116	46.0	BD	59	08	01	0551	142	496	2.87	100.0	26	11
103.0	40.0	30	48.0	117	06.0	BD	59	08	01	0210	141	485	2.91	100.0	15	9
103.0	45.0	30	39.0	117	26.5	BD	59	07	31	2326	140	485	2.88	100.0	47	42
103.0	50.0	30	29.0	117	46.5	BD	59	07	31	2026	142	483	2.95	100.0	87	128
103.0	55.0	30	20.0	118	04.0	BD	59	07	31	1816	146	513	2.84	100.0	116	109
103.0	60.0	30	06.0	118	25.5	BD	59	07	31	1500	143	493	2.90	100.0	27	154
103.0	65.0	29	54.0	118	46.0	BD	59	07	31	1216	140	523	2.67	100.0	46	116
103.0	70.0	29	46.0	119	05.5	BD	59	07	31	0916	138	504	2.74	100.0	27	145
103.0	75.0	29	37.0	119	24.5	BD	59	07	31	0651	143	504	2.84	100.0	117	101
103.0	80.0	29	26.5	119	45.5	BD	59	07	31	0341	138	488	2.83	100.0	210	84
103.0	85.0	29	17.0	120	03.5	BD	59	07	31	0106	139	494	2.81	100.0	243	99
103.0	90.0	29	06.0	120	25.0	BD	59	07	30	2202	137	506	2.71	100.0	149	87
107.0	32.0	30	25.8	116	11.0	BD	59	07	27	1956	141	498	2.82	100.0	17	33
107.0	35.0	30	20.0	116	23.0	BD	59	07	27	1806	142	500	2.83	100.0	13	23
107.0	40.0	30	10.0	116	43.5	BD	59	07	27	1500	136	493	2.76	100.0	20	9
107.0	45.0	30	00.0	117	03.3	BD	59	07	27	1201	138	531	2.60	100.0	5	50
107.0	50.0	29	50.5	117	23.5	BD	59	07	27	0831	137	513	2.68	100.0	55	153
107.0	55.0	29	40.3	117	43.0	BD	59	07	27	0546	133	508	2.62	100.0	103	47
107.0	60.0	29	31.0	118	03.0	BD	59	07	27	0216	143	481	2.97	100.0	255	28
107.0	65.0	29	21.0	118	23.0	BD	59	07	27	0001	140	480	2.92	100.0	285	14
107.0	70.0	29	11.0	118	43.0	BD	59	07	26	2106	141	510	2.77	100.0	310	61
107.0	75.0	29	01.5	119	03.5	BD	59	07	26	1826	142	515	2.75	100.0	63	96
107.0	80.0	28	51.5	119	22.5	BD	59	07	26	1516	138	500	2.75	100.0	40	53
107.0	85.0	28	41.0	119	42.0	BD	59	07	26	1251	139	523	2.66	100.0	98	28
107.0	90.0	28	32.5	120	01.5	BD	59	07	26	0936	140	505	2.78	100.0	64	83
110.0	33.0	29	50.5	115	52.2	BD	59	07	24	1358	75	273	2.76	100.0	14	140
110.0	35.0	29	46.5	116	00.0	BD	59	07	24	1501	140	477	2.93	100.0	15	46
110.0	40.0	29	36.5	116	19.5	BD	59	07	24	1751	139	492	2.83	100.0	4	19
110.0	45.0	29	27.0	116	39.0	BD	59	07	24	2026	133	518	2.56	100.0	5	11
110.0	50.0	29	18.0	116	58.5	BD	59	07	24	2246	134	528	2.54	100.0	6	24
110.0	55.0	29	09.0	117	18.5	BD	59	07	25	0136	136	528	2.57	100.0	175	175
110.0	60.0	28	59.0	117	38.0	BD	59	07	25	0404	140	511	2.74	100.0	183	76
110.0	65.0	28	46.0	117	58.0	BD	59	07	25	0721	132	546	2.42	100.0	64	10
110.0	70.0	28	36.5	118	18.0	BD	59	07	25	1626	138	526	2.63	100.0	79	65
110.0	75.0	28	26.0	118	38.0	BD	59	07	25	1905	139	502	2.77	100.0	213	24
110.0	80.0	28	18.0	118	57.0	BD	59	07	25	2120	140	510	2.74	100.0	1089	97
110.0	85.0	28	09.0	119	16.0	BD	59	07	26	0006	137	529	2.59	100.0	310	59
110.0	90.0	28	01.0	119	36.0	BD	59	07	26	0216	130	544	2.40	100.0	360	184

TABLE 1. (cont.)

CalCOFI Cruise 5907

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
113.0	35.0	29 12.0	115 39.0	BD	59 07 24	0101	136	496	2.75	100.0	126	28
113.0	40.0	29 02.0	115 58.5	BD	59 07 23	2154	138	468	2.95	100.0	223	109
113.0	45.0	28 52.0	116 18.0	BD	59 07 23	1921	141	497	2.84	100.0	154	136
113.0	50.0	28 42.0	116 37.5	BD	59 07 23	1621	144	524	2.74	100.0	41	39
113.0	55.0	28 32.0	116 57.0	BD	59 07 23	1356	141	476	2.97	100.0	32	29
113.0	60.0	28 28.0	117 17.0	BD	59 07 23	1106	141	469	3.00	100.0	38	21
113.0	65.0	28 18.0	117 35.5	BD	59 07 23	0836	141	469	3.00	100.0	113	57
113.0	70.0	28 06.5	117 56.0	BD	59 07 23	0531	142	466	3.04	100.0	226	165
113.0	75.0	27 55.0	118 16.0	BD	59 07 23	0235	143	453	3.16	100.0	697	90
113.0	80.0	27 44.0	118 35.0	BD	59 07 22	2331	141	473	2.98	100.0	560	205
113.0	85.0	27 33.0	118 55.0	BD	59 07 22	2106	143	478	3.00	100.0	259	97
113.0	90.0	27 23.0	119 14.0	BD	59 07 22	1801	142	482	2.94	100.0	43	69
117.0	26.0	28 56.0	114 41.0	BD	59 07 20	2323	58	240	2.41	100.0	34	207
117.0	30.0	28 48.0	114 56.5	BD	59 07 21	0108	64	255	2.53	100.0	57	153
117.0	35.0	28 38.0	115 16.0	BD	59 07 21	0341	134	502	2.66	100.0	8	56
117.0	40.0	28 28.0	115 35.5	BD	59 07 21	0608	136	473	2.87	100.0	12	23
117.0	45.0	28 18.0	115 55.2	BD	59 07 21	1436	140	503	2.78	100.0	1	17
117.0	50.0	28 08.0	116 15.0	BD	59 07 21	1641	138	514	2.69	100.0	24	22
117.0	55.0	27 57.7	116 34.5	BD	59 07 21	1956	136	500	2.72	100.0	17	104
117.0	60.0	27 47.5	116 54.0	BD	59 07 21	2156	138	489	2.81	100.0	6	88
117.0	65.0	27 37.5	117 13.0	BD	59 07 22	0046	138	482	2.86	100.0	16	78
117.0	70.0	27 27.5	117 32.5	BD	59 07 22	0255	140	466	3.00	100.0	50	79
117.0	75.0	27 17.0	117 53.0	BD	59 07 22	0545	134	575	2.34	100.0	54	82
117.0	80.0	27 07.0	118 12.0	BD	59 07 22	0751	138	477	2.89	100.0	46	23
117.0	85.0	26 59.0	118 30.0	BD	59 07 22	1046	137	504	2.73	100.0	30	21
117.0	90.0	26 50.0	118 51.5	BD	59 07 22	1327	135	527	2.57	100.0	80	50
118.0	39.0	28 18.5	115 24.0	BD	59 07 21	0826	137	474	2.90	100.0	12	25
119.0	33.0	28 19.0	114 53.0	BD	59 07 20	0131	103	402	2.57	100.0	7	467
120.0	25.0	28 23.0	114 14.5	BD	59 07 20	1829	48	202	2.40	100.0	1	191
120.0	30.0	28 13.0	114 34.0	BD	59 07 20	1546	77	296	2.59	100.0	10	1285
120.0	35.0	28 03.0	114 54.0	BD	59 07 19	2248	67	249	2.69	100.0	35	897
120.0	40.0	27 56.5	115 14.0	BD	59 07 19	1959	23	122	1.86	100.0	89	1132
120.0	45.0	27 43.0	115 33.0	BD	59 07 19	1646	143	456	3.13	100.0	4	10
120.0	50.0	27 33.0	115 52.5	BD	59 07 19	1336	138	494	2.79	100.0	7	116
120.0	55.0	27 23.0	116 12.0	BD	59 07 19	1056	138	482	2.87	100.0	4	34
120.0	60.0	27 09.5	116 37.3	BD	59 07 19	0706	142	472	3.02	100.0	21	86
120.0	65.0	27 00.5	116 56.0	BD	59 07 19	0356	141	471	3.00	100.0	17	79
120.0	70.0	26 51.0	117 13.5	BD	59 07 19	0056	140	465	3.02	100.0	159	127
120.0	75.0	26 41.5	117 31.3	BD	59 07 18	2216	143	460	3.10	100.0	577	151
120.0	80.0	26 32.0	117 49.5	BD	59 07 18	1916	138	486	2.83	100.0	240	513
120.0	85.0	26 22.5	118 08.0	BD	59 07 18	1646	138	538	2.57	100.0	59	16
120.0	90.0	26 13.0	118 27.5	BD	59 07 18	1131	136	509	2.68	100.0	61	11
123.0	37.0	27 24.0	114 39.7	BD	59 07 16	2253	56	286	1.97	100.0	16	162
123.0	42.0	27 14.0	114 59.0	BD	59 07 17	0946	138	506	2.72	100.0	13	66
123.0	45.0	27 08.0	115 11.0	BD	59 07 17	1156	144	472	3.05	100.0	8	93

TABLE 1. (cont.)

CalCOFI Cruise 5907

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
123.0	50.0	27	01.5	115	31.0	BD	59	07	17	1416	140	508	2.75	100.0	24	104
123.0	55.0	26	54.0	115	49.0	BD	59	07	17	1651	134	526	2.54	100.0	12	55
123.0	60.0	26	38.5	116	09.0	BD	59	07	17	1946	137	520	2.63	100.0	52	62
123.0	65.0	26	29.0	116	28.0	BD	59	07	17	2246	137	505	2.71	100.0	112	352
123.0	70.0	26	18.5	116	47.0	BD	59	07	18	0111	137	502	2.73	100.0	228	43
127.0	34.0	26	55.3	114	06.0	BD	59	07	16	1715	70	281	2.50	100.0	3	224
127.0	40.0	26	43.5	114	29.5	BD	59	07	16	1401	142	518	2.74	100.0	10	420
127.0	45.0	26	35.7	114	48.5	BD	59	07	16	1116	142	507	2.80	100.0	33	285
127.0	50.0	26	25.5	115	08.0	BD	59	07	16	0816	143	514	2.79	100.0	45	87
127.0	55.0	26	15.0	115	27.0	BD	59	07	16	0546	142	502	2.83	100.0	71	67
127.0	60.0	26	04.0	115	46.5	BD	59	07	16	0246	146	502	2.90	100.0	506	20
127.0	65.0	25	54.5	116	05.5	BD	59	07	16	0011	143	490	2.92	100.0	490	21
127.0	70.0	25	44.0	116	24.5	BD	59	07	15	2101	141	538	2.62	100.0	411	51
130.0	30.0	26	29.0	113	29.0	BD	59	07	14	1443	55	210	2.61	100.0	9	38
130.0	35.0	26	19.0	113	48.5	BD	59	07	14	1726	141	447	3.15	100.0	4	22
130.0	40.0	26	09.0	114	07.5	BD	59	07	14	2011	143	449	3.19	100.0	6	14
130.0	45.0	25	59.2	114	26.0	BD	59	07	14	2331	141	503	2.79	100.0	11	126
130.0	50.0	25	49.0	114	46.0	BD	59	07	15	0205	137	513	2.68	100.0	10	35
130.0	55.0	25	40.0	115	03.0	BD	59	07	15	0501	142	491	2.89	100.0	18	185
130.0	60.0	25	28.0	115	27.0	BD	59	07	15	0726	140	518	2.71	100.0	22	63
130.0	65.0	25	19.0	115	42.0	BD	59	07	15	1326	147	514	2.86	100.0	39	55
130.0	70.0	25	08.5	116	02.0	BD	59	07	15	1556	137	539	2.55	100.0	25	11
133.0	25.0	26	04.5	112	48.0	BD	59	07	14	0928	64	280	2.29	100.0	17	5
133.0	30.0	25	54.5	113	07.5	BD	59	07	14	0631	140	434	3.22	100.0	5	2
133.0	35.0	25	44.5	113	26.5	BD	59	07	14	0006	140	490	2.85	100.0	439	53
133.0	40.0	25	34.5	113	45.5	BD	59	07	13	1846	144	467	3.08	100.0	1	19
133.0	45.0	25	28.0	114	05.0	BD	59	07	13	1606	153	446	3.42	100.0	28	76
133.0	50.0	25	14.3	114	24.0	BD	59	07	13	1231	143	455	3.14	100.0	20	69
133.0	55.0	25	02.0	114	41.0	BD	59	07	13	0926	144	465	3.10	100.0	29	311
133.0	60.0	24	53.0	115	01.0	BD	59	07	13	0601	142	479	2.96	100.0	67	335
133.0	65.0	24	44.0	115	19.0	BD	59	07	13	0341	140	515	2.73	100.0	285	84
133.0	70.0	24	34.5	115	39.0	BD	59	07	13	0031	139	491	2.82	100.0	442	38
134.0	36.0	25	39.2	113	25.0	BD	59	07	13	2256	119	399	2.98	100.0	4	330
137.0	23.0	25	34.2	112	18.7	BD	59	07	11	0318	65	262	2.47	100.0	7	1828
137.0	30.0	25	20.0	112	45.5	BD	59	07	11	0631	132	519	2.54	100.0	7	276
137.0	35.0	25	10.0	113	04.5	BD	59	07	11	1345	128	528	2.42	100.0	5	19
137.0	40.0	25	00.0	113	23.5	BD	59	07	11	1630	138	538	2.56	100.0	2	230
137.0	45.0	24	50.0	113	42.6	BD	59	07	11	2011	139	491	2.83	100.0	22	267
137.0	50.0	24	41.0	113	57.5	BD	59	07	11	2216	138	484	2.85	100.0	380	265
137.0	55.0	24	32.5	114	13.5	BD	59	07	12	0206	131	518	2.53	100.0	262	2291
137.0	60.0	24	23.0	114	29.0	BD	59	07	12	0411	136	516	2.64	100.0	150	1884
137.0	65.0	24	10.0	114	58.5	BD	59	07	12	0836	139	505	2.75	100.0	41	140
137.0	70.0	24	00.0	115	17.5	BD	59	07	12	1100	139	512	2.72	100.0	7	26
137.0	75.0	23	48.0	115	37.0	BD	59	07	12	1356	140	492	2.84	100.0	9	41
137.0	80.0	23	35.0	115	59.5	BD	59	07	12	1641	141	524	2.69	100.0	10	13

TABLE 1. (cont.)

CalCOFI Cruise 5908

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
77.0	50.0	35	04.5	120	52.5	OR	59	08	15	0356	137	455	3.00	100.0	6	0
77.0	55.0	34	52.0	121	16.8	OR	59	08	15	0046	144	450	3.21	100.0	15	0
77.0	60.0	34	43.5	121	35.0	OR	59	08	14	2131	126	497	2.54	100.0	4	3
80.0	52.0	34	25.0	120	36.0	OR	59	08	15	0946	118	535	2.21	100.0	0	416
80.0	55.0	34	21.5	120	49.0	OR	59	08	15	1211	134	484	2.77	100.0	4	2
80.0	60.0	34	11.0	121	11.0	OR	59	08	15	1541	142	440	3.23	100.0	10	0
80.0	70.0	33	51.0	121	54.0	OR	59	08	15	2136	123	492	2.49	100.0	5	4
80.0	75.0	33	40.0	122	14.0	OR	59	08	16	0031	144	425	3.38	100.0	14	3
80.0	80.0	33	29.0	122	35.0	OR	59	08	16	0421	135	448	3.02	100.0	8	18
80.0	85.0	33	17.0	122	56.0	OR	59	08	16	0711	141	428	3.30	100.0	7	30
80.0	90.0	33	05.0	123	17.0	OR	59	08	16	1016	121	512	2.35	100.0	2	31
82.0	47.0	34	14.0	119	58.0	OR	59	08	17	1556	141	448	3.15	100.0	3	4
83.0	40.0	34	14.0	119	23.0	OR	59	08	17	2144	20	106	1.84	100.0	7	54
83.0	43.0	34	07.5	119	33.5	OR	59	08	17	1946	138	430	3.22	100.0	19	19
83.0	51.0	33	52.0	120	07.5	OR	59	08	17	1237	100	326	3.08	100.0	8	28
83.0	55.0	33	41.5	120	20.0	OR	59	08	17	1041	124	514	2.41	100.0	9	1
83.0	60.0	33	34.0	120	32.0	OR	59	08	17	0821	115	538	2.15	100.0	22	5
83.0	65.0	33	24.0	120	54.0	OR	59	08	17	0516	139	460	3.01	100.0	5	2
83.0	70.0	33	14.0	121	16.0	OR	59	08	17	0236	144	448	3.22	100.0	5	2
83.0	80.0	32	54.0	122	02.0	OR	59	08	16	2101	122	523	2.33	100.0	15	8
83.0	90.0	32	34.0	122	49.0	OR	59	08	16	1526	142	465	3.06	100.0	7	68
87.0	35.0	33	49.0	118	38.0	OR	59	08	18	0301	144	437	3.29	100.0	8	27
87.0	40.0	33	41.0	118	59.5	OR	59	08	18	0551	140	405	3.46	100.0	1	9
87.0	45.0	33	31.5	119	20.5	OR	59	08	18	0856	127	467	2.72	100.0	0	2
87.0	50.0	33	19.5	119	39.0	OR	59	08	18	1128	70	284	2.45	100.0	4	109
87.0	55.0	33	08.0	120	02.0	OR	59	08	18	1431	140	439	3.20	100.0	0	23
87.0	60.0	32	58.0	120	21.0	OR	59	08	18	1736	132	457	2.90	100.0	1	6
87.0	65.0	32	46.0	120	42.5	OR	59	08	18	2036	128	491	2.60	100.0	5	5
87.0	70.0	32	34.0	121	03.0	OR	59	08	18	2346	143	444	3.22	100.0	32	6
87.0	75.0	32	22.0	121	23.5	OR	59	08	19	0226	143	433	3.30	100.0	68	34
87.0	80.0	32	10.0	121	44.5	OR	59	08	19	0541	142	442	3.22	100.0	31	24
87.0	85.0	31	59.0	122	05.0	OR	59	08	19	0826	129	483	2.67	100.0	5	12
87.0	90.0	31	50.5	122	20.0	OR	59	08	19	1101	132	493	2.67	100.0	142	77
90.0	28.0	33	27.5	117	46.0	OR	59	08	22	1151	141	453	3.10	100.0	2	11
90.0	32.0	33	20.5	118	03.0	OR	59	08	21	0746	132	473	2.80	100.0	4	9
90.0	37.0	33	10.5	118	24.0	OR	59	08	21	0436	141	434	3.24	100.0	2	10
90.0	45.0	32	54.5	118	56.5	OR	59	08	21	0011	149	422	3.53	100.0	8	2
90.0	50.0	32	45.5	119	16.0	OR	59	08	20	2036	135	490	2.75	100.0	5	3
90.0	55.0	32	31.5	119	33.5	OR	59	08	20	1716	140	464	3.02	100.0	4	1
90.0	60.0	32	17.0	119	53.0	OR	59	08	20	1316	144	464	3.11	100.0	3	4
90.0	65.0	32	09.0	120	17.5	OR	59	08	20	1006	128	522	2.46	100.0	9	3
90.0	70.0	31	58.5	120	47.0	OR	59	08	20	0631	142	472	3.01	100.0	48	44
90.0	75.0	31	47.5	121	04.0	OR	59	08	20	0329	148	470	3.14	100.0	55	251
90.0	80.0	31	39.0	121	21.0	OR	59	08	20	0056	146	454	3.21	100.0	29	194
90.0	85.0	31	30.0	121	36.5	OR	59	08	19	2206	130	500	2.59	100.0	28	206

TABLE 1. (cont.)

CalCOFI Cruise 5908

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	90.0	31 24.0	121 57.0	OR	59 08 19	1506	142	469	3.02	100.0	23	161
93.0	28.0	32 55.0	117 21.5	OR	59 08 22	1711	134	460	2.91	100.0	6	21
93.0	30.0	32 50.5	117 32.0	OR	59 08 24	1331	145	472	3.07	100.0	0	1
93.0	35.0	32 40.0	117 52.0	OR	59 08 24	1616	138	485	2.85	100.0	7	1
93.0	40.0	32 30.0	118 12.5	OR	59 08 24	1926	136	491	2.78	100.0	17	1
93.0	45.0	32 20.0	118 33.5	OR	59 08 24	2201	134	510	2.62	100.0	45	0
93.0	50.0	32 08.5	118 55.0	OR	59 08 25	0111	141	477	2.95	100.0	86	4
93.0	55.0	31 58.0	119 17.0	OR	59 08 25	0341	140	464	3.02	100.0	13	0
93.0	60.0	31 48.0	119 37.0	OR	59 08 25	0726	141	463	3.05	100.0	8	1
93.0	65.0	31 38.0	119 59.0	OR	59 08 25	1001	139	480	2.90	100.0	4	0
93.0	70.0	31 27.0	120 21.0	OR	59 08 25	1311	148	451	3.27	100.0	10	210
93.0	75.0	31 20.0	120 35.0	OR	59 08 25	1526	145	466	3.10	100.0	16	103
93.0	80.0	31 10.5	120 55.0	OR	59 08 25	1811	141	469	3.00	100.0	12	58
93.0	85.0	31 00.5	121 15.0	OR	59 08 25	2044	140	456	3.06	100.0	358	89
93.0	90.0	30 50.0	121 35.0	OR	59 08 26	0001	147	457	3.22	100.0	157	118
97.0	30.0	32 15.0	117 06.5	OR	59 08 27	1758	68	246	2.77	100.0	10	44
97.0	32.0	32 11.5	117 16.5	OR	59 08 27	1616	138	473	2.92	100.0	13	2
97.0	35.0	32 07.0	117 25.0	OR	59 08 27	1406	138	470	2.94	100.0	11	13
97.0	40.0	32 00.0	117 40.0	OR	59 08 27	1216	144	462	3.11	100.0	10	1
97.0	45.0	31 49.5	118 02.0	OR	59 08 27	0901	152	493	3.08	100.0	4	1
97.0	50.0	31 40.0	118 23.0	OR	59 08 27	0611	141	444	3.18	100.0	7	3
97.0	55.0	31 28.0	118 43.0	OR	59 08 27	0251	141	464	3.04	100.0	11	12
97.0	60.0	31 18.0	119 06.0	OR	59 08 27	0003	149	463	3.23	100.0	14	25
97.0	65.0	31 07.0	119 27.0	OR	59 08 26	2036	138	477	2.89	100.0	5	3
97.0	70.0	30 56.0	119 48.0	OR	59 08 26	1751	139	486	2.86	100.0	11	96
97.0	75.0	30 45.5	120 09.5	OR	59 08 26	1436	148	435	3.41	100.0	50	74
97.0	80.0	30 35.0	120 30.0	OR	59 08 26	1151	147	453	3.24	100.0	37	47
97.0	85.0	30 25.0	120 49.5	OR	59 08 26	0836	141	464	3.05	100.0	40	106
97.0	90.0	30 16.0	121 11.0	OR	59 08 26	0511	141	468	3.00	100.0	191	196
100.0	29.0	31 41.5	116 43.0	OR	59 08 28	0141	138	470	2.93	100.0	46	357
100.0	30.0	31 40.5	116 46.5	OR	59 08 28	0301	137	470	2.91	100.0	43	210
100.0	35.0	31 30.5	117 05.0	OR	59 08 28	1016	136	478	2.86	100.0	18	48
100.0	40.0	31 19.5	117 23.0	OR	59 08 28	1351	136	472	2.88	100.0	18	19
100.0	45.0	31 10.0	117 47.0	OR	59 08 28	1636	140	460	3.05	100.0	52	37
100.0	50.0	31 02.0	118 07.0	OR	59 08 28	1941	139	456	3.06	100.0	147	32
100.0	55.0	30 51.0	118 27.0	OR	59 08 28	2211	142	458	3.09	100.0	81	83
100.0	60.0	30 40.0	118 47.0	OR	59 08 29	0121	144	452	3.20	100.0	101	118
100.0	65.0	30 31.5	119 06.0	OR	59 08 29	0446	142	444	3.20	100.0	54	92
100.0	70.0	30 21.5	119 26.0	OR	59 08 29	0746	141	438	3.21	100.0	93	115
100.0	75.0	30 11.0	119 47.0	OR	59 08 29	1021	143	451	3.17	100.0	82	68
100.0	80.0	30 02.0	120 04.0	OR	59 08 29	1321	146	434	3.37	100.0	73	66
100.0	85.0	29 52.0	120 24.0	OR	59 08 29	1551	141	450	3.14	100.0	61	18
100.0	90.0	29 43.0	120 43.0	OR	59 08 29	1851	141	449	3.14	100.0	168	50
103.0	30.0	31 05.2	116 24.9	BD	59 08 25	1523	55	200	2.78	100.0	76	306
103.0	35.0	30 55.9	116 45.2	BD	59 08 25	1311	142	464	3.05	100.0	7	3

TABLE 1. (cont.)

CalCOFI Cruise 5908

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
103.0	40.0	30	34.2	117	11.1	BD	59	08	25	0911	139	458	3.03	100.0	23	41
103.0	45.0	30	27.9	117	29.0	BD	59	08	25	0616	133	471	2.83	100.0	216	71
103.0	50.0	30	22.0	117	43.9	BD	59	08	25	0346	134	478	2.81	100.0	571	32
103.0	55.0	30	14.0	118	03.0	BD	59	08	25	0131	139	461	3.02	100.0	425	72
103.0	60.0	30	06.0	118	23.5	BD	59	08	24	2236	136	456	2.99	100.0	510	249
103.0	65.0	29	57.5	118	44.5	BD	59	08	24	2016	140	465	3.00	100.0	494	175
103.0	70.0	29	49.0	119	05.2	BD	59	08	24	1716	142	431	3.29	100.0	60	41
103.0	75.0	29	39.9	119	24.8	BD	59	08	24	1506	127	492	2.59	100.0	97	27
103.0	80.0	29	27.0	119	43.3	BD	59	08	24	1236	140	433	3.23	100.0	91	23
103.0	85.0	29	24.0	119	57.4	BD	59	08	24	1106	141	448	3.15	100.0	115	40
103.0	90.0	29	14.0	120	20.2	BD	59	08	24	0826	141	430	3.28	100.0	76	19
107.0	32.0	30	25.8	116	11.0	BD	59	08	22	2120	140	417	3.35	100.0	93	107
107.0	35.0	30	20.0	116	23.0	BD	59	08	22	2316	136	473	2.88	100.0	106	29
107.0	40.0	30	10.5	116	43.5	BD	59	08	23	0206	136	454	2.99	100.0	253	3
107.0	45.0	30	03.0	117	02.0	BD	59	08	23	0511	140	425	3.28	100.0	271	4
107.0	50.0	29	54.0	117	22.5	BD	59	08	23	0746	140	423	3.32	100.0	117	2
107.0	55.0	29	41.0	117	41.9	BD	59	08	23	1101	139	438	3.18	100.0	59	28
107.0	60.0	29	31.0	118	03.0	BD	59	08	23	1256	140	442	3.18	100.0	14	41
107.0	65.0	29	21.5	118	21.0	BD	59	08	23	1541	139	427	3.26	100.0	17	97
107.0	70.0	29	11.0	118	43.0	BD	59	08	23	1801	137	446	3.07	100.0	77	56
107.0	75.0	29	02.0	119	00.5	BD	59	08	23	2036	141	466	3.02	100.0	264	153
107.0	80.0	28	52.0	119	19.5	BD	59	08	23	2241	140	460	3.04	100.0	399	113
107.0	85.0	28	42.0	119	39.0	BD	59	08	24	0106	141	434	3.25	100.0	362	68
107.0	90.0	28	34.2	120	00.0	BD	59	08	24	0316	138	456	3.03	100.0	224	92
110.0	33.0	29	50.5	115	52.2	BD	59	08	22	1719	46	186	2.48	100.0	161	7
110.0	35.0	29	46.5	116	00.0	BD	59	08	22	1526	131	478	2.74	100.0	68	13
110.0	40.0	29	36.5	116	19.5	BD	59	08	22	1231	137	480	2.86	100.0	34	35
110.0	45.0	29	26.0	116	38.5	BD	59	08	22	1010	140	467	2.99	100.0	23	51
110.0	50.0	29	16.5	116	56.0	BD	59	08	22	0746	142	450	3.16	100.0	67	63
110.0	55.0	29	07.0	117	18.0	BD	59	08	22	0521	140	471	2.97	100.0	323	117
110.0	60.0	28	57.0	117	38.0	BD	59	08	22	0116	142	451	3.14	100.0	1752	86
110.0	65.0	28	46.0	117	59.0	BD	59	08	21	2236	142	447	3.16	100.0	152	102
110.0	70.0	28	36.5	118	18.0	BD	59	08	21	1126	141	448	3.15	100.0	53	137
110.0	75.0	28	29.0	118	42.0	BD	59	08	21	0836	139	448	3.11	100.0	46	66
110.0	80.0	28	20.0	119	00.0	BD	59	08	21	0556	141	448	3.15	100.0	54	170
113.0	30.0	29	22.5	115	17.5	BD	59	08	19	2254	27	112	2.41	100.0	35	45
113.0	35.0	29	12.0	115	39.0	BD	59	08	20	0116	140	434	3.23	100.0	235	22
113.0	40.0	29	02.0	115	58.5	BD	59	08	20	0406	133	484	2.75	100.0	244	12
113.0	45.0	28	52.0	116	18.0	BD	59	08	20	0646	145	419	3.45	100.0	110	36
113.0	50.0	28	44.5	116	37.0	BD	59	08	20	0920	140	478	2.93	100.0	88	24
113.0	55.0	28	32.0	116	56.5	BD	59	08	20	1211	139	458	3.04	100.0	45	25
113.0	60.0	28	22.0	117	16.5	BD	59	08	20	1446	133	448	2.72	100.0	58	75
113.0	65.0	28	12.0	117	36.0	BD	59	08	20	1746	138	457	3.02	100.0	110	44
113.0	70.0	28	02.0	117	55.5	BD	59	08	20	1956	142	435	3.25	100.0	460	148
113.0	75.0	27	53.5	118	15.0	BD	59	08	20	2231	140	453	3.09	100.0	526	98

TABLE 1. (cont.)

CalCOFI Cruise 5908

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
113.0	80.0	27	44.5	118	36.0	BD	59	08	21	0041	141	440	3.21	100.0	626	88
117.0	26.0	28	56.0	114	41.0	BD	59	08	19	1808	77	261	2.96	100.0	9	53
117.0	30.0	28	48.0	114	56.5	BD	59	08	19	1608	83	280	2.97	100.0	32	146
117.0	35.0	28	38.0	115	16.0	BD	59	08	19	1331	139	478	2.91	100.0	65	14
117.0	40.0	28	28.0	115	35.5	BD	59	08	19	0056	142	437	3.25	100.0	95	46
117.0	45.0	28	18.0	115	55.2	BD	59	08	18	2221	142	441	3.23	100.0	299	63
117.0	50.0	28	08.0	116	15.0	BD	59	08	18	1916	142	437	3.25	100.0	114	33
117.0	55.0	27	57.7	116	34.5	BD	59	08	18	1601	142	470	3.03	100.0	50	49
117.0	60.0	27	47.5	116	54.0	BD	59	08	18	1256	142	472	3.00	100.0	41	34
117.0	65.0	27	38.0	117	14.0	BD	59	08	18	1016	141	468	3.02	100.0	56	29
117.0	70.0	27	27.5	117	32.5	BD	59	08	18	0726	143	481	2.97	100.0	151	45
117.0	75.0	27	17.0	117	52.0	BD	59	08	18	0446	141	496	2.85	100.0	148	73
117.0	80.0	27	08.0	118	12.0	BD	59	08	18	0126	141	485	2.91	100.0	277	63
118.0	39.0	28	18.5	115	24.0	BD	59	08	19	0306	142	456	3.12	100.0	130	110
119.0	33.0	28	19.0	114	53.0	BD	59	08	16	1101	100	335	2.99	100.0	31	117
120.0	25.0	28	23.0	114	14.5	BD	59	08	16	1449	43	162	2.62	100.0	15	67
120.0	30.0	28	13.0	114	34.0	BD	59	08	16	1718	78	261	3.01	100.0	9	120
120.0	35.0	28	03.0	114	54.0	BD	59	08	16	1958	79	260	3.04	100.0	27	93
120.0	40.0	27	56.5	115	14.0	BD	59	08	16	2204	35	124	2.79	100.0	20	53
120.0	45.0	27	43.0	115	33.0	BD	59	08	17	0020	138	476	2.90	100.0	81	29
120.0	50.0	27	30.0	115	52.5	BD	59	08	17	0422	134	503	2.67	100.0	52	5
120.0	55.0	27	18.0	116	13.0	BD	59	08	17	0736	142	425	3.33	100.0	29	39
120.0	60.0	27	05.0	116	34.0	BD	59	08	17	0940	137	496	2.76	100.0	43	71
120.0	65.0	27	03.0	116	51.0	BD	59	08	17	1236	140	424	3.30	100.0	29	47
120.0	70.0	26	52.5	117	10.0	BD	59	08	17	1521	136	482	2.83	100.0	31	66
120.0	75.0	26	42.0	117	30.0	BD	59	08	17	1811	133	509	2.61	100.0	59	25
120.0	80.0	26	32.5	117	48.5	BD	59	08	17	2001	139	483	2.87	100.0	452	40
123.0	37.0	27	24.0	114	39.7	BD	59	08	16	0058	56	191	2.96	100.0	102	230
123.0	42.0	27	14.0	114	59.0	BD	59	08	15	2141	143	441	3.25	100.0	8	9
123.0	50.0	27	00.0	115	31.5	BD	59	08	15	1626	144	496	2.90	100.0	46	20
123.0	55.0	26	48.2	115	49.7	BD	59	08	15	1356	138	496	2.79	100.0	27	20
123.0	60.0	26	32.0	116	13.0	BD	59	08	15	1016	138	504	2.75	100.0	54	216
123.0	65.0	26	23.5	116	29.0	BD	59	08	15	0806	141	487	2.89	100.0	47	423
123.0	70.0	26	16.0	116	46.0	BD	59	08	15	0528	138	481	2.87	100.0	82	144
127.0	34.0	26	55.3	114	06.0	BD	59	08	14	0553	53	237	2.24	100.0	101	628
127.0	40.0	26	43.5	114	29.5	BD	59	08	14	0826	136	501	2.72	100.0	25	117
127.0	45.0	26	33.5	114	48.7	BD	59	08	14	1117	139	535	2.59	100.0	39	57
127.0	50.0	26	23.5	115	08.0	BD	59	08	14	1336	140	435	3.22	100.0	20	46
127.0	55.0	26	16.0	115	27.0	BD	59	08	14	1626	137	519	2.64	100.0	96	22
127.0	60.0	26	03.5	115	46.5	BD	59	08	14	1911	139	492	2.82	100.0	150	65
127.0	65.0	25	54.0	116	05.5	BD	59	08	14	2206	140	452	3.09	100.0	203	80
127.0	70.0	25	44.0	116	24.5	BD	59	08	15	0016	144	504	2.86	100.0	90	87
130.0	30.0	26	29.0	113	29.0	HS	59	08	15	2009	54	261	2.05	100.0	551	307
130.0	35.0	26	19.2	113	51.8	HS	59	08	16	0050	59	785	0.76	100.0	297	91
130.0	40.0	26	10.8	114	10.5	HS	59	08	16	0530	71	630	1.13	100.0	104	1517

TABLE 1. (cont.)

CalCOFI Cruise 5908

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	45.0	25 58.5	114 25.2	HS	59 08 16	0834	72	679	1.06	100.0	296	924
130.0	50.0	25 44.3	114 42.5	HS	59 08 16	1444	74	752	0.99	100.0	261	148
130.0	55.0	25 39.0	115 04.5	HS	59 08 16	1745	76	738	1.02	100.0	245	459
130.0	60.0	25 35.2	115 27.7	HS	59 08 16	2110	71	764	0.93	100.0	640	252
130.0	65.0	25 19.0	115 42.8	HS	59 08 17	0120	80	667	1.20	100.0	360	628
130.0	70.0	25 08.7	116 03.8	HS	59 08 17	0604	55	848	0.65	100.0	43	154
133.0	30.0	25 56.2	113 07.2	HS	59 08 18	2208	83	758	1.10	100.0	182	9
133.0	35.0	25 47.0	113 25.8	HS	59 08 18	1904	76	686	1.11	100.0	68	478
133.0	40.0	25 35.2	113 43.8	HS	59 08 18	1227	74	673	1.10	100.0	205	495
133.0	45.0	25 24.5	114 04.8	HS	59 08 18	0745	104	516	2.02	100.0	148	62
133.0	50.0	25 21.2	114 26.5	HS	59 08 18	0515	106	637	1.66	100.0	171	22
133.0	55.0	25 06.5	114 43.2	HS	59 08 18	0022	70	931	0.76	100.0	153	147
133.0	60.0	24 55.0	115 02.0	HS	59 08 17	1937	105	603	1.74	100.0	80	273
133.0	70.0	24 31.0	115 45.0	HS	59 08 17	1054	63	979	0.64	100.0	279	2405
134.0	36.0	25 34.5	113 22.7	HS	59 08 19	1630	77	999	0.76	100.0	57	485
137.0	23.0	25 32.6	112 22.5	HS	59 08 22	0603	75	409	1.83	100.0	45	3808
137.0	35.0	25 13.8	113 03.0	HS	59 08 22	1409	123	544	2.27	100.0	0	2
137.0	40.0	25 00.0	113 23.8	HS	59 08 19	2230	116	999	0.89	100.0	87	942
137.0	45.0	24 53.8	113 48.0	HS	59 08 20	0402	68	810	0.84	100.0	351	619
137.0	50.0	24 39.8	114 02.0	HS	59 08 20	0654	63	824	0.76	100.0	180	2792
137.0	55.0	24 29.2	114 22.0	HS	59 08 20	1421	79	900	0.88	100.0	107	1583
140.0	30.0	24 45.0	112 24.0	HS	59 08 21	2328	80	591	1.35	100.0	160	46
140.0	35.0	24 36.2	112 39.0	HS	59 08 22	1915	91	419	2.18	100.0	63	231
140.0	40.0	24 25.5	113 02.3	HS	59 08 23	0145	61	999	0.57	100.0	168	710
140.0	45.0	24 18.0	113 25.0	HS	59 08 23	0432	88	985	0.89	100.0	79	507
140.0	50.0	24 08.0	113 42.5	HS	59 08 23	0801	111	672	1.65	100.0	158	1670
140.0	55.0	23 55.0	114 01.5	HS	59 08 23	1555	68	916	0.74	100.0	13	219
140.0	60.0	23 44.7	114 22.0	HS	59 08 23	1939	117	498	2.35	100.0	77	400
140.0	70.0	23 26.0	114 55.2	HS	59 08 24	0305	68	984	0.69	100.0	39	16
143.0	26.0	24 19.0	111 48.0	HS	59 08 21	1600	69	818	0.85	50.0	233	1033
143.0	30.0	24 10.5	112 03.0	HS	59 08 21	1828	61	912	0.67	50.0	73	91
143.0	35.0	24 12.5	112 25.0	HS	59 08 25	1720	119	522	2.29	100.0	3	33
143.0	40.0	23 51.0	112 40.3	HS	59 08 25	1121	122	519	2.35	100.0	8	49
143.0	45.0	23 40.0	112 58.2	HS	59 08 25	0644	108	652	1.66	100.0	109	3615
143.0	50.0	23 26.5	113 19.0	HS	59 08 25	0400	96	685	1.41	100.0	139	334
143.0	55.0	23 20.0	113 39.5	HS	59 08 24	2207	121	528	2.29	100.0	70	1091
143.0	60.0	23 12.5	114 04.0	HS	59 08 24	1854	116	600	1.93	100.0	68	4204
143.0	70.0	22 49.8	114 32.5	HS	59 08 24	1040	94	524	1.79	100.0	173	296
147.0	20.0	23 47.5	110 59.5	HS	59 08 26	0358	109	732	1.50	100.0	70	132
147.0	25.0	23 37.2	111 19.0	HS	59 08 26	0637	118	546	2.16	100.0	49	213
147.0	30.0	23 36.2	111 49.0	HS	59 08 26	1230	111	552	2.02	100.0	37	165
147.0	35.0	23 26.0	112 00.4	HS	59 08 26	1540	98	603	1.63	100.0	74	101
147.0	40.0	23 20.5	112 15.6	HS	59 08 26	1806	118	560	2.12	100.0	39	1209
147.0	45.0	23 10.0	112 39.7	HS	59 08 26	2240	100	794	1.26	100.0	171	133
147.0	50.0	23 01.8	113 00.0	HS	59 08 27	0300	114	588	1.94	100.0	58	69

TABLE 1. (cont.)

CalCOFI Cruise 5908

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
147.0	55.0	22	54.2	113	18.7	HS	59	08	27	0646	99	677	1.46	100.0	22	111
147.0	60.0	22	40.2	113	34.8	HS	59	08	27	0957	75	725	1.04	100.0	21	714
150.0	19.0	23	23.8	110	39.1	HS	59	08	29	0055	93	707	1.32	100.0	162	1185
150.0	25.0	23	12.2	111	04.2	HS	59	08	28	1920	109	589	1.85	100.0	140	303
150.0	30.0	23	02.2	111	20.8	HS	59	08	28	1645	101	672	1.50	100.0	103	134
150.0	35.0	22	54.0	111	41.5	HS	59	08	28	1105	92	714	1.28	100.0	39	145
150.0	40.0	22	48.0	111	59.5	HS	59	08	28	0638	101	642	1.57	100.0	53	144
150.0	45.0	22	40.8	112	12.0	HS	59	08	28	0437	111	697	1.59	100.0	247	1036
150.0	50.0	22	27.5	112	32.2	HS	59	08	28	0100	90	778	1.15	100.0	169	562
150.0	55.0	22	14.2	112	53.8	HS	59	08	27	2044	110	595	1.85	100.0	200	662
150.0	60.0	22	02.0	113	14.0	HS	59	08	27	1705	114	564	2.03	100.0	36	662
153.0	16.0	22	55.3	110	12.3	HS	59	08	29	1450	103	610	1.70	100.0	89	117
153.0	25.0	22	39.7	110	35.5	HS	59	08	29	0702	109	582	1.88	100.0	89	386

TABLE 1. (cont.)

CalCOFI Cruise 5909

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
90.0	28.0	33	28.5	117	46.5	OR	59	09	08	2305	142	514	2.76	100.0	8	5
90.0	32.0	33	20.5	118	03.0	OR	59	09	09	0156	142	518	2.74	100.0	9	6
90.0	37.0	33	10.5	118	23.5	OR	59	09	09	0456	142	503	2.82	100.0	8	9
90.0	45.0	32	58.0	118	56.0	OR	59	09	10	1141	137	460	2.97	100.0	2	0
90.0	50.0	32	42.5	119	18.5	OR	59	09	10	1536	139	510	2.74	100.0	3	0
90.0	55.0	32	33.5	119	37.0	OR	59	09	10	1816	140	511	2.73	100.0	4	1
90.0	60.0	32	24.5	119	57.5	OR	59	09	10	2141	133	510	2.62	100.0	3	0
90.0	65.0	32	13.0	120	19.5	OR	59	09	11	0021	142	494	2.87	100.0	10	5
90.0	70.0	32	03.5	120	40.0	OR	59	09	11	0356	141	496	2.85	100.0	23	0
90.0	75.0	31	52.0	121	05.0	OR	59	09	11	0711	140	506	2.77	100.0	59	7
90.0	80.0	31	41.0	121	27.5	OR	59	09	11	1041	133	550	2.42	100.0	44	23
90.0	85.0	31	36.5	121	40.0	OR	59	09	11	1236	139	513	2.72	100.0	17	126
90.0	90.0	31	25.0	122	00.0	OR	59	09	11	1605	137	525	2.61	100.0	38	119
90.0	100.0	31	05.0	122	39.5	OR	59	09	11	2111	144	501	2.88	100.0	15	40
90.0	110.0	30	43.0	123	19.0	OR	59	09	12	0226	146	499	2.92	100.0	21	241
90.0	120.0	30	22.5	123	57.0	OR	59	09	12	0736	134	541	2.47	100.0	116	82
93.0	28.0	32	54.0	117	22.0	OR	59	09	16	1303	70	268	2.60	100.0	8	19
93.0	30.0	32	50.2	117	30.0	OR	59	09	16	1121	143	502	2.84	100.0	9	12
93.0	35.0	32	36.5	117	49.0	OR	59	09	14	1656	139	505	2.76	100.0	26	33
93.0	40.0	32	21.0	118	07.0	OR	59	09	14	1323	130	537	2.41	100.0	10	0
93.0	45.0	32	13.0	118	26.0	OR	59	09	14	1026	126	561	2.24	100.0	15	2
93.0	50.0	32	03.0	118	46.0	OR	59	09	14	0751	137	504	2.71	100.0	18	1
93.0	55.0	31	52.0	119	12.0	OR	59	09	14	0416	141	500	2.81	100.0	26	3
93.0	60.0	31	41.0	119	30.0	OR	59	09	14	0141	142	495	2.88	100.0	15	1
93.0	65.0	31	30.0	119	48.0	OR	59	09	13	2226	137	495	2.76	100.0	186	6
93.0	70.0	31	18.0	120	07.0	OR	59	09	13	1946	136	526	2.59	100.0	86	7
93.0	75.0	31	14.5	120	28.5	OR	59	09	13	1636	140	516	2.71	100.0	295	85
93.0	80.0	31	10.5	120	52.5	OR	59	09	13	1404	139	514	2.70	100.0	26	73
93.0	85.0	30	53.0	121	21.0	OR	59	09	13	0957	132	517	2.56	100.0	117	35
93.0	90.0	30	39.0	121	44.0	OR	59	09	13	0655	139	505	2.75	100.0	76	88
93.0	100.0	30	21.0	122	20.0	OR	59	09	13	0116	142	509	2.79	100.0	55	24
93.0	110.0	30	06.5	122	53.5	OR	59	09	12	1856	140	516	2.72	100.0	214	27
93.0	120.0	29	49.5	123	34.0	OR	59	09	12	1305	136	519	2.61	100.0	48	39
110.0	33.0	29	50.0	115	52.5	BD	59	09	22	1128	70	241	2.90	100.0	34	41
110.0	35.0	29	46.0	116	00.0	BD	59	09	22	1001	142	526	2.69	100.0	14	5
110.0	40.0	29	36.5	116	19.5	BD	59	09	22	0721	141	495	2.85	100.0	9	2
113.0	30.0	29	22.0	115	18.0	BD	59	09	22	1644	38	184	2.09	100.0	78	41
113.0	35.0	29	11.5	115	38.0	BD	59	09	22	1840	135	539	2.51	100.0	70	14
113.0	40.0	29	02.0	115	57.0	BD	59	09	22	2215	139	518	2.68	100.0	220	3
115.0	27.0	29	11.0	114	55.0	BD	59	09	23	1028	55	213	2.59	100.0	3	43
115.0	30.0	29	05.0	115	08.0	BD	59	09	23	0822	67	278	2.42	100.0	10	64
115.0	35.0	28	53.0	115	28.0	BD	59	09	23	0456	138	501	2.75	100.0	39	4
115.0	40.0	28	45.0	115	47.0	BD	59	09	23	0120	130	562	2.32	100.0	136	18
117.0	26.0	28	56.0	114	41.5	BD	59	09	23	1243	71	264	2.70	100.0	19	36
117.0	30.0	28	48.0	114	56.5	BD	59	09	23	1813	76	293	2.60	100.0	22	97

TABLE 1. (cont.)

CalCOFI Cruise 5909

Line	Station	Lat.(N) deg.	Lat.(N) min.	Long.(W) deg.	Long.(W) min.	Ship Code	Tow Date yr.	Tow Date mo.	Tow Date day	Time (PST)	Tow Depth (m)	Vol. Water Strained (cu. m)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
117.0	35.0	28	38.0	115	16.0	BD	59	09	23	2035	139	489	2.84	100.0	33	13
117.0	40.0	28	28.0	115	35.5	BD	59	09	23	2326	142	462	3.06	100.0	44	20
118.0	39.0	28	18.5	115	23.7	BD	59	09	24	0150	136	545	2.50	100.0	14	42
118.5	25.0	28	40.5	114	25.5	BD	59	09	24	1932	71	256	2.78	100.0	62	85
118.5	30.0	28	30.5	114	45.5	BD	59	09	24	1657	82	314	2.62	100.0	9	132
118.5	35.0	28	20.5	115	05.0	BD	59	09	24	1312	100	334	2.99	100.0	8	66
119.0	33.0	28	19.0	114	53.0	BD	59	09	24	1447	100	343	2.90	100.0	205	318
120.0	25.0	28	22.5	114	15.0	BD	59	09	24	2154	38	174	2.20	100.0	15	27
120.0	30.0	28	13.0	114	34.0	BD	59	09	25	0058	67	262	2.56	100.0	52	217
120.0	35.0	28	03.0	114	54.0	BD	59	09	25	0638	70	242	2.91	100.0	99	232
120.0	40.0	27	56.5	115	14.0	BD	59	09	25	0859	19	143	1.36	100.0	140	796
120.0	45.0	27	43.0	115	33.0	BD	59	09	25	1126	136	474	2.87	100.0	7	27
120.7	26.0	28	12.5	114	15.5	BD	59	09	24	2259	25	140	1.78	100.0	52	350
121.2	34.0	27	53.0	114	43.0	BD	59	09	25	0459	29	99	2.94	100.0	171	190
121.3	30.0	27	58.5	114	26.5	BD	59	09	25	0254	28	109	2.58	100.0	101	359
123.0	37.0	27	24.0	114	40.0	BD	59	09	25	2028	56	218	2.57	100.0	142	875
123.0	42.0	27	14.0	114	59.0	BD	59	09	25	1741	142	487	2.91	100.0	39	16
123.0	45.0	27	08.0	115	10.5	BD	59	09	25	1611	147	449	3.28	100.0	10	23
127.0	34.0	26	55.0	114	06.5	BD	59	09	26	0128	57	209	2.71	100.0	23	170
127.0	40.0	26	43.5	114	29.0	BD	59	09	26	0400	134	521	2.57	100.0	29	76
127.0	45.0	26	33.0	114	48.5	BD	59	09	26	0624	136	537	2.54	100.0	52	59
130.0	30.0	26	24.0	113	29.0	BD	59	09	26	1808	59	207	2.85	100.0	44	46
130.0	35.0	26	19.0	113	48.0	BD	59	09	26	1551	145	473	3.06	100.0	18	33
130.0	40.0	26	09.0	114	07.0	BD	59	09	26	1321	141	489	2.87	100.0	34	17
130.0	45.0	28	58.5	114	25.8	BD	59	09	26	1036	139	479	2.91	100.0	12	17
133.0	25.0	26	04.5	112	48.0	BD	59	09	27	0110	72	251	2.85	100.0	268	903
133.0	30.0	25	54.5	113	07.5	BD	59	09	26	2240	133	516	2.57	100.0	19	28
134.0	36.0	25	36.0	113	22.7	BD	59	09	27	1551	125	445	2.80	100.0	11	426
137.0	23.0	25	34.0	112	19.0	BD	59	09	27	0528	60	275	2.18	100.0	449	492
137.0	30.0	25	20.0	112	44.8	BD	59	09	27	0811	137	463	2.97	100.0	67	20

TABLE 1. (cont.)

CalCOFI Cruise 5910

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	42.0	41	04.0	124	20.5	SB	59	10	26	1221	107	524	2.05	100.0	1	3
43.0	45.0	40	58.0	124	34.5	SB	59	10	26	1035	128	533	2.40	100.0	0	16
43.0	50.0	40	48.0	124	57.0	SB	59	10	26	0741	132	490	2.69	100.0	2	15
43.0	70.0	40	09.0	126	27.0	SB	59	10	25	2116	118	525	2.24	100.0	0	2
43.0	80.0	39	48.5	127	14.0	SB	59	10	25	1701	126	502	2.51	100.0	4	0
43.0	90.0	39	28.0	127	58.0	SB	59	10	25	1211	104	253	1.79	100.0	3	6
50.0	47.0	39	46.2	123	54.2	SB	59	10	24	0303	65	253	2.58	100.0	2	0
50.0	50.0	39	40.0	124	07.3	SB	59	10	24	0526	138	481	2.86	100.0	2	21
50.0	55.0	39	29.5	124	29.2	SB	59	10	24	0850	138	478	2.89	100.0	3	4
50.0	60.0	39	20.0	124	52.0	SB	59	10	24	1156	111	527	2.10	100.0	1	12
50.0	70.0	39	00.0	125	39.0	SB	59	10	24	1636	146	427	3.42	100.0	0	5
50.0	80.0	38	41.0	126	24.0	SB	59	10	24	2120	143	486	2.94	100.0	15	4
50.0	90.0	38	19.2	127	10.0	SB	59	10	25	0311	117	570	2.05	100.0	6	14
53.0	52.0	39	02.0	123	51.3	SB	59	10	23	2243	60	272	2.21	100.0	10	0
53.0	55.0	38	56.0	124	04.5	SB	59	10	23	2056	158	397	3.98	100.0	7	8
53.0	60.0	38	46.0	124	27.2	SB	59	10	23	1806	139	477	2.91	100.0	7	8
57.0	51.0	38	30.0	123	22.0	SB	59	10	23	0808	80	276	2.91	100.0	0	6
57.0	55.0	38	21.5	123	40.0	SB	59	10	23	1036	119	542	2.19	100.0	2	3
57.0	60.0	38	12.0	124	01.5	SB	59	10	23	1326	124	513	2.42	100.0	2	5
60.0	52.0	37	54.0	123	02.0	SB	59	10	23	0409	53	222	2.39	100.0	1	16
60.0	55.0	37	47.7	123	15.5	SB	59	10	23	0238	70	319	2.20	100.0	20	45
60.0	60.0	37	37.0	123	37.0	SB	59	10	23	0006	103	547	1.88	100.0	26	6
60.0	70.0	37	19.0	124	21.0	SB	59	10	22	1846	116	530	2.19	100.0	17	8
60.0	80.0	36	58.0	125	08.0	SB	59	10	22	1316	130	503	2.58	100.0	2	8
60.0	90.0	36	36.0	125	46.0	SB	59	10	22	0836	122	498	2.45	100.0	4	9
63.0	52.0	37	18.8	122	36.5	SB	59	10	21	0928	61	263	2.31	100.0	0	3
63.0	55.0	37	12.7	122	50.0	SB	59	10	21	1046	148	469	3.15	100.0	1	8
63.0	60.0	37	02.5	123	12.0	SB	59	10	21	1336	124	503	2.46	100.0	4	5
63.0	70.0	36	42.7	123	57.0	SB	59	10	21	1756	136	464	2.93	100.0	12	4
63.0	80.0	36	23.2	124	37.0	SB	59	10	21	2206	122	502	2.43	100.0	18	8
63.0	90.0	36	03.0	125	20.0	SB	59	10	22	0326	132	475	2.78	100.0	11	4
67.0	50.0	36	49.0	122	05.0	SB	59	10	19	0717	93	313	2.96	100.0	1	281
67.0	55.0	36	39.5	122	25.2	SB	59	10	19	0511	144	443	3.26	100.0	3	3
67.0	60.0	36	29.0	122	47.6	SB	59	10	19	0216	158	365	4.34	100.0	3	4
67.0	70.0	36	11.0	123	31.2	SB	59	10	18	2141	135	485	2.78	100.0	10	1
67.0	80.0	35	48.0	124	16.0	SB	59	10	18	1641	137	476	2.89	100.0	1	5
67.0	90.0	35	28.0	124	58.2	SB	59	10	18	1201	137	521	2.62	100.0	8	7
70.0	52.0	36	08.5	121	50.0	SB	59	10	17	1226	99	587	1.68	100.0	2	0
70.0	55.0	36	03.3	122	02.0	SB	59	10	17	1351	131	464	2.83	100.0	0	0
70.0	60.0	35	53.5	122	22.5	SB	59	10	17	1636	133	467	2.84	100.0	0	5
70.0	70.0	35	33.0	123	06.0	SB	59	10	17	2046	112	606	1.84	100.0	6	4
70.0	80.0	35	13.5	123	48.0	SB	59	10	18	0221	132	487	2.70	100.0	0	1
70.0	90.0	34	52.8	124	29.5	SB	59	10	18	0706	141	485	2.90	100.0	8	2
73.0	51.0	35	35.5	121	21.0	SB	59	10	17	0756	127	464	2.75	100.0	0	0
73.0	55.0	35	29.0	121	37.7	SB	59	10	17	0606	140	452	3.10	100.0	0	5

TABLE 1. (cont.)

CalCOFI Cruise 5910

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
73.0	60.0	35	20.0	121	59.3	SB	59	10	17	0306	125	504	2.49	100.0	3	3
73.0	70.0	35	01.0	122	41.0	SB	59	10	16	2236	125	510	2.46	100.0	4	5
73.0	80.0	34	38.5	123	21.0	SB	59	10	16	1746	131	518	2.53	100.0	0	1
73.0	90.0	34	17.0	124	02.0	SB	59	10	16	1256	124	529	2.34	100.0	3	4
77.0	50.0	35	04.0	120	52.0	SB	59	10	15	1216	128	417	3.06	100.0	1	0
77.0	55.0	34	54.0	121	12.7	SB	59	10	15	1446	112	548	2.05	100.0	7	0
77.0	60.0	34	43.0	121	32.8	SB	59	10	15	1751	132	502	2.63	100.0	1	3
77.0	70.0	34	23.2	122	16.0	SB	59	10	15	2246	132	492	2.69	100.0	6	1
77.0	80.0	34	04.0	122	59.0	SB	59	10	16	0321	141	466	3.03	100.0	9	1
77.0	90.0	33	44.0	123	38.0	SB	59	10	16	0806	139	470	2.96	100.0	4	0
80.0	52.0	34	25.0	120	35.2	SB	59	10	15	0806	106	458	2.32	100.0	8	0
80.0	55.0	34	19.0	120	48.5	SB	59	10	15	0541	131	488	2.69	100.0	3	4
80.0	60.0	34	09.0	121	09.2	SB	59	10	15	0236	133	466	2.85	100.0	5	0
80.0	70.0	33	47.5	121	53.0	SB	59	10	14	2106	151	404	3.74	100.0	2	3
80.0	80.0	33	28.0	122	32.0	SB	59	10	14	1701	134	485	2.76	100.0	5	10
80.0	90.0	33	09.0	123	13.0	SB	59	10	14	1201	132	509	2.59	100.0	1	4
82.0	47.0	34	15.0	119	58.0	SB	59	10	13	0853	138	551	2.51	100.0	1	3
83.0	40.0	34	13.8	119	21.8	SB	59	10	12	0230	6	38	1.70	100.0	5	29
83.0	43.0	34	07.5	119	35.0	SB	59	10	12	0411	144	485	2.98	100.0	13	5
83.0	51.0	33	51.9	120	07.5	SB	59	10	13	1206	47	430	1.09	100.0	2	0
83.0	55.0	33	43.8	120	24.5	SB	59	10	13	1431	109	559	1.95	100.0	1	1
83.0	60.0	33	34.2	120	44.7	SB	59	10	13	1721	123	511	2.40	100.0	0	3
83.0	70.0	33	14.4	121	26.2	SB	59	10	13	2211	95	630	1.50	100.0	7	2
83.0	80.0	32	54.0	122	07.0	SB	59	10	14	0236	134	487	2.75	100.0	7	4
83.0	90.0	32	34.0	122	48.0	SB	59	10	14	0731	138	478	2.88	100.0	1	0
87.0	35.0	33	50.1	118	37.5	SB	59	10	11	2206	98	620	1.58	100.0	40	1
87.0	40.0	33	40.2	118	58.2	SB	59	10	11	1936	120	510	2.35	100.0	2	0
87.0	45.0	33	30.5	119	18.7	SB	59	10	11	1656	129	484	2.66	100.0	2	1
87.0	50.0	33	20.0	119	39.5	SB	59	10	11	1408	42	287	1.46	100.0	3	0
87.0	55.0	33	12.1	120	02.0	SB	59	10	11	1201	120	484	2.48	100.0	4	1
87.0	60.0	33	01.0	120	22.0	SB	59	10	11	0900	109	491	2.22	100.0	0	1
87.0	70.0	32	41.0	121	01.0	SB	59	10	11	0426	146	512	2.86	100.0	6	2
87.0	80.0	32	20.2	121	42.5	SB	59	10	10	2338	108	435	2.48	100.0	6	8
87.0	90.0	31	58.0	122	28.5	SB	59	10	10	1816	149	406	3.68	100.0	3	3
90.0	28.0	33	28.5	117	46.7	SB	59	10	08	2306	135	598	2.26	100.0	38	11
90.0	32.0	33	20.5	118	04.2	SB	59	10	09	0106	107	589	1.82	100.0	2	0
90.0	37.0	33	10.6	118	23.5	SB	59	10	09	0536	134	485	2.76	100.0	2	1
90.0	45.0	32	54.6	118	56.1	SB	59	10	09	0936	141	475	2.97	100.0	2	1
90.0	50.0	32	44.3	119	13.6	SB	59	10	09	1207	100	390	2.56	100.0	6	0
90.0	55.0	32	33.1	119	39.0	SB	59	10	09	1506	140	488	2.86	100.0	6	7
90.0	60.0	32	23.7	120	00.0	SB	59	10	09	1826	155	442	3.50	100.0	5	4
90.0	70.0	32	02.0	120	42.6	SB	59	10	10	0146	135	461	2.92	100.0	0	0
90.0	80.0	31	39.8	121	25.0	SB	59	10	10	0716	129	468	2.75	100.0	0	1
90.0	90.0	31	16.6	122	09.0	SB	59	10	10	1256	137	489	2.79	100.0	14	17
93.0	28.0	32	55.0	117	21.5	OR	59	10	08	1646	140	489	2.87	100.0	6	8

TABLE 1. (cont.)

CalCOFI Cruise 5910

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
93.0	30.0	32	50.5	117	31.5	OR	59	10	08	2111	132	474	2.78	100.0	25	4
93.0	35.0	32	40.0	117	51.5	OR	59	10	08	0011	142	505	2.81	100.0	3	8
93.0	40.0	32	29.0	118	12.0	OR	59	10	09	0326	140	492	2.84	100.0	42	6
93.0	45.0	32	20.0	118	32.0	OR	59	10	09	0611	139	503	2.77	100.0	10	0
93.0	50.0	32	10.0	118	54.0	OR	59	10	09	0926	134	528	2.53	100.0	2	0
93.0	55.0	32	02.0	119	12.5	OR	59	10	09	1216	143	471	3.04	100.0	4	1
93.0	60.0	31	50.0	119	32.0	OR	59	10	09	1526	142	491	2.88	100.0	6	0
93.0	70.0	31	30.0	120	14.0	OR	59	10	09	2211	141	426	3.32	100.0	74	27
93.0	80.0	31	08.0	120	56.0	OR	59	10	10	0356	139	494	2.81	100.0	95	62
97.0	30.0	32	15.0	117	09.0	OR	59	10	12	0659	48	182	2.60	100.0	55	402
97.0	32.0	32	11.5	117	17.0	OR	59	10	12	0531	139	477	2.91	100.0	19	1
97.0	35.0	32	02.0	117	31.0	OR	59	10	12	0256	142	485	2.93	100.0	80	2
97.0	40.0	31	53.0	117	50.0	OR	59	10	12	0011	142	495	2.87	100.0	15	2
97.0	45.0	31	43.0	118	09.0	OR	59	10	11	2026	139	529	2.56	100.0	30	2
97.0	50.0	31	34.0	118	28.0	OR	59	10	11	1756	140	498	2.82	100.0	18	4
97.0	55.0	31	23.0	118	47.0	OR	59	10	11	1443	141	476	2.97	100.0	4	13
97.0	60.0	31	08.0	119	18.0	OR	59	10	11	1056	125	517	2.43	100.0	11	23
97.0	70.0	30	50.0	119	55.0	OR	59	10	11	0521	138	482	2.87	100.0	23	20
97.0	80.0	30	33.0	120	31.0	OR	59	10	10	2336	144	498	2.90	100.0	48	99
97.0	90.0	30	16.0	121	11.0	OR	59	10	10	1836	141	427	3.30	100.0	134	96
100.0	29.0	31	42.0	116	43.5	OR	59	10	12	1132	116	422	2.76	100.0	8	12
100.0	30.0	31	41.0	116	47.0	OR	59	10	12	1211	146	490	2.98	100.0	8	8
100.0	35.0	31	31.0	117	07.0	OR	59	10	13	1511	142	481	2.95	100.0	3	0
100.0	40.0	31	21.0	117	27.0	OR	59	10	13	1811	140	495	2.82	100.0	123	1
100.0	45.0	31	11.0	117	47.0	OR	59	10	13	2146	133	482	2.77	100.0	107	0
100.0	50.0	31	00.0	118	07.0	OR	59	10	14	0046	143	480	2.97	100.0	116	2
100.0	55.0	30	50.5	118	27.0	OR	59	10	14	0321	142	469	3.03	100.0	198	18
100.0	60.0	30	40.0	118	45.0	OR	59	10	14	0626	140	484	2.89	100.0	43	30
100.0	70.0	30	18.5	119	28.5	OR	59	10	14	1141	143	478	2.99	100.0	21	267
100.0	80.0	29	57.0	120	06.0	OR	59	10	14	1636	141	490	2.88	100.0	16	104
100.0	90.0	29	36.5	120	44.0	OR	59	10	14	2156	128	547	2.35	100.0	151	85
101.0	50.0	30	48.0	118	08.0	OR	59	10	21	0641	138	479	2.88	100.0	3	6
103.0	30.0	31	01.0	116	26.0	OR	59	10	16	1338	61	223	2.74	100.0	9	21
103.0	35.0	30	51.0	116	46.0	OR	59	10	16	0956	130	530	2.46	100.0	13	4
103.0	40.0	30	42.0	117	05.0	OR	59	10	16	0641	141	481	2.94	100.0	7	4
103.0	45.0	30	32.5	117	25.0	OR	59	10	16	0354	142	503	2.82	100.0	106	2
103.0	50.0	30	23.0	117	44.0	OR	59	10	16	0051	138	493	2.79	100.0	77	17
103.0	55.0	30	14.0	118	04.0	OR	59	10	15	2156	135	505	2.68	100.0	150	76
103.0	60.0	30	04.0	118	22.0	OR	59	10	15	1916	139	491	2.84	100.0	208	53
103.0	70.0	29	48.0	119	05.0	OR	59	10	15	1411	142	484	2.94	100.0	10	23
103.0	80.0	29	22.0	119	44.0	OR	59	10	15	0831	133	537	2.48	100.0	23	87
103.0	90.0	29	02.5	120	18.0	OR	59	10	15	0306	142	471	3.01	100.0	142	13
107.0	32.0	30	26.0	116	12.0	OR	59	10	16	1806	140	505	2.77	100.0	46	5
107.0	35.0	30	20.0	116	23.0	OR	59	10	16	2011	134	533	2.52	100.0	23	1
107.0	40.0	30	11.0	116	43.5	OR	59	10	16	2311	133	557	2.39	100.0	59	0

TABLE 1. (cont.)

CalCOFI Cruise 5910

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
107.0	45.0	30	02.0	117	03.0	OR	59	10	17	0146	140	504	2.77	100.0	30	2
107.0	50.0	29	52.0	117	22.5	OR	59	10	17	0456	139	459	3.03	100.0	51	5
107.0	60.0	29	32.0	118	02.0	OR	59	10	17	1036	130	554	2.34	100.0	9	0
107.0	70.0	29	13.0	118	37.0	OR	59	10	17	1750	139	496	2.81	100.0	146	83
107.0	80.0	28	51.0	119	19.0	OR	59	10	17	2336	146	482	3.03	100.0	107	28
107.0	90.0	28	32.5	120	01.0	OR	59	10	18	0501	138	496	2.78	100.0	163	47
110.0	33.0	29	50.0	115	52.0	OR	59	10	20	1413	68	265	2.56	100.0	3	49
110.0	35.0	29	44.5	116	00.0	OR	59	10	20	1241	140	500	2.80	100.0	3	1
110.0	40.0	29	37.0	116	18.0	OR	59	10	20	0901	135	541	2.49	100.0	15	1
110.0	45.0	29	26.0	116	38.0	OR	59	10	20	0553	141	494	2.86	100.0	10	0
110.0	50.0	29	16.0	116	59.0	OR	59	10	20	0311	136	487	2.80	100.0	71	21
110.0	55.0	29	06.0	117	19.0	OR	59	10	19	2351	140	492	2.85	100.0	28	28
110.0	60.0	28	56.0	117	38.5	OR	59	10	19	2121	136	531	2.56	100.0	47	17
110.0	70.0	28	37.0	118	16.0	OR	59	10	18	2206	133	540	2.47	100.0	85	136
110.0	80.0	28	14.5	118	55.0	OR	59	10	18	1611	141	511	2.76	100.0	15	79
110.0	90.0	28	00.0	119	41.0	OR	59	10	18	0941	125	557	2.25	100.0	54	146
113.0	30.0	29	22.0	115	18.0	BD	59	10	29	0916	32	167	1.89	100.0	7	8
113.0	35.0	29	11.5	115	38.0	BD	59	10	29	0602	137	528	2.60	100.0	22	1
113.0	40.0	29	02.0	115	57.0	BD	59	10	29	0306	138	503	2.75	100.0	34	0
113.0	45.0	28	54.5	116	20.0	BD	59	10	29	0026	142	485	2.94	100.0	30	5
113.0	50.0	28	43.0	116	39.0	BD	59	10	28	2151	138	508	2.71	100.0	35	1
113.0	55.0	28	32.0	116	57.0	BD	59	10	28	1915	144	464	3.11	100.0	43	4
113.0	60.0	28	22.0	117	16.5	BD	59	10	28	1612	135	524	2.57	100.0	8	8
113.0	70.0	28	04.0	117	53.0	BD	59	10	28	1116	135	501	2.70	100.0	21	43
113.0	80.0	27	42.5	118	32.0	BD	59	10	28	0526	143	474	3.02	100.0	167	37
113.0	90.0	27	22.0	119	12.0	BD	59	10	28	0006	142	464	3.07	100.0	146	8
117.0	26.0	28	56.0	114	41.5	BD	59	10	25	1658	65	229	2.85	100.0	9	88
117.0	30.0	28	48.0	114	56.5	BD	59	10	25	1916	75	394	1.90	100.0	21	66
117.0	35.0	28	38.0	115	16.0	BD	59	10	25	2201	138	507	2.72	100.0	12	8
117.0	40.0	28	28.0	115	35.5	BD	59	10	26	0036	132	506	2.61	100.0	30	7
117.0	45.0	28	18.0	115	56.0	BD	59	10	26	2033	133	514	2.58	100.0	15	19
117.0	50.0	28	08.0	116	15.0	BD	59	10	26	2251	136	501	2.71	100.0	7	5
117.0	55.0	27	58.0	116	34.5	BD	59	10	27	0200	139	533	2.60	100.0	33	12
117.0	60.0	27	48.0	116	53.0	BD	59	10	27	0416	143	473	3.02	100.0	72	8
117.0	70.0	27	30.0	117	32.5	BD	59	10	27	0916	136	508	2.68	100.0	31	57
117.0	80.0	27	12.0	118	10.5	BD	59	10	27	1348	144	473	3.04	100.0	38	24
117.0	90.0	26	48.0	118	50.5	BD	59	10	27	1839	140	515	2.71	100.0	142	64
118.0	39.0	28	18.5	115	23.7	BD	59	10	26	0310	140	491	2.85	100.0	16	5
119.0	33.0	28	19.0	114	53.0	BD	59	10	25	0701	102	336	3.02	100.0	84	405
120.0	25.0	28	22.5	114	15.0	BD	59	10	25	1134	48	201	2.39	100.0	6	135
120.0	30.0	28	13.0	114	34.0	BD	59	10	25	0913	81	330	2.46	100.0	19	552
120.0	35.0	28	03.0	114	54.0	BD	59	10	25	0427	64	237	2.69	100.0	86	280
120.0	40.0	27	56.5	115	14.0	BD	59	10	24	1544	37	150	2.46	100.0	7	120
120.0	45.0	27	43.0	115	33.0	BD	59	10	24	1241	145	501	2.89	100.0	18	8
120.0	50.0	27	33.0	115	52.5	BD	59	10	24	0951	142	490	2.89	100.0	5	7

TABLE 1. (cont.)

CalCOFI Cruise 5910

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)	Standard Haul Factor	Percent Sorted	Total Larvae	Total Eggs
120.0	55.0	27	25.0	116	13.0	BD	59	10	24	0716	137	510	2.68	100.0	16	3
120.0	60.0	27	10.0	116	38.0	BD	59	10	24	0333	140	527	2.66	100.0	70	10
120.0	70.0	26	52.0	117	13.0	BD	59	10	23	2236	137	508	2.70	100.0	109	51
120.0	80.0	26	34.0	117	49.0	BD	59	10	23	1736	141	515	2.73	100.0	59	36
120.0	90.0	26	13.0	118	27.0	BD	59	10	23	1306	142	496	2.86	100.0	34	28
123.0	37.0	27	24.0	114	40.0	BD	59	10	22	0422	47	268	1.75	100.0	119	288
123.0	42.0	27	14.0	114	59.0	BD	59	10	22	1121	140	514	2.72	100.0	11	58
123.0	45.0	27	08.0	115	11.5	BD	59	10	22	1331	136	521	2.60	100.0	8	9
123.0	50.0	27	00.0	115	31.0	BD	59	10	22	1601	138	509	2.71	100.0	18	23
123.0	55.0	26	47.8	115	49.5	BD	59	10	22	1911	137	510	2.68	100.0	29	14
123.0	60.0	26	38.5	116	09.0	BD	59	10	22	2133	136	539	2.53	100.0	67	8
123.0	70.0	26	19.0	116	47.0	BD	59	10	23	0234	137	540	2.54	100.0	264	17
127.0	34.0	26	55.0	114	06.5	BD	59	10	21	2313	53	243	2.20	100.0	25	58
127.0	40.0	26	43.5	114	29.0	BD	59	10	21	1926	144	493	2.93	100.0	17	51
127.0	45.0	26	33.0	114	48.5	BD	59	10	21	1646	144	493	2.92	100.0	2	11
127.0	50.0	26	23.0	115	09.5	BD	59	10	21	1336	142	516	2.75	100.0	37	16
127.0	55.0	26	13.5	115	27.0	BD	59	10	21	1101	172	652	2.64	100.0	55	16
127.0	60.0	26	03.5	115	46.5	BD	59	10	21	0811	137	494	2.78	100.0	37	8
127.0	70.0	25	44.0	116	24.5	BD	59	10	21	0323	143	479	2.98	100.0	54	9
130.0	30.0	26	29.0	113	29.0	BD	59	10	20	0057	68	285	2.40	100.0	48	72
130.0	35.0	26	19.0	113	48.0	BD	59	10	20	0316	141	474	2.98	100.0	9	6
130.0	40.0	26	08.2	114	08.5	BD	59	10	20	0559	146	477	3.06	100.0	13	4
130.0	45.0	25	58.5	114	26.5	BD	59	10	20	0851	139	496	2.79	100.0	10	24
130.0	50.0	25	52.0	114	46.6	BD	59	10	20	1109	136	506	2.69	100.0	6	2
130.0	55.0	25	40.0	115	06.0	BD	59	10	20	1445	140	510	2.73	100.0	3	14
130.0	60.0	25	29.0	115	24.0	BD	59	10	20	1706	140	499	2.81	100.0	15	2
130.0	70.0	25	09.0	116	02.0	BD	59	10	20	2151	142	499	2.85	100.0	30	6
133.0	25.0	26	04.5	112	48.0	BD	59	10	19	1918	72	251	2.88	100.0	156	205
133.0	30.0	25	54.5	113	07.5	BD	59	10	19	1631	145	477	3.03	100.0	5	8
133.0	35.0	25	44.5	113	26.5	BD	59	10	19	1356	141	497	2.83	100.0	11	89
133.0	40.0	25	34.5	113	45.5	BD	59	10	19	1011	139	523	2.66	100.0	1	15
133.0	45.0	25	24.0	114	05.0	BD	59	10	19	0726	138	510	2.70	100.0	0	16
133.0	50.0	25	15.5	114	28.0	BD	59	10	19	0326	137	497	2.76	100.0	63	13
133.0	55.0	25	05.2	114	45.0	BD	59	10	19	0044	135	551	2.45	100.0	128	9
133.0	60.0	24	54.5	115	02.0	BD	59	10	18	2056	141	500	2.82	100.0	39	20
133.0	70.0	24	34.5	115	39.0	BD	59	10	18	1515	144	532	2.71	100.0	24	9
134.0	36.0	25	37.5	113	24.8	BD	59	10	19	1252	108	394	2.73	100.0	35	644
137.0	23.0	25	34.0	112	19.0	BD	59	10	17	0026	41	204	1.99	100.0	187	62
137.0	30.0	25	20.0	112	46.0	BD	59	10	17	0351	140	553	2.52	100.0	95	4
137.0	35.0	25	10.0	113	04.5	BD	59	10	17	0626	137	550	2.50	100.0	46	16
137.0	40.0	25	00.0	113	23.5	BD	59	10	17	0916	139	503	2.77	100.0	4	108
137.0	45.0	24	50.0	113	43.0	BD	59	10	17	1216	141	524	2.70	100.0	11	5
137.0	50.0	24	40.0	114	02.0	BD	59	10	17	1451	140	528	2.68	100.0	0	4
137.0	55.0	24	30.0	114	20.5	BD	59	10	17	1806	136	565	2.42	100.0	24	16
137.0	60.0	24	20.0	114	39.5	BD	59	10	17	2031	140	502	2.78	100.0	40	19
137.0	70.0	23	58.5	115	23.0	BD	59	10	18	0316	141	500	2.81	100.0	60	18

TABLE 1. (cont.)

CalCOFI Cruise 5911

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
77.0	53.0	34	57.3	121	06.0	PT	59	11	18	0015	120	523	2.29	100.0	4	1
77.0	55.0	34	54.0	121	13.0	PT	59	11	18	0311	122	527	2.32	100.0	2	6
77.0	60.0	34	43.0	121	34.0	PT	59	11	18	0656	133	510	2.60	100.0	7	15
77.0	70.0	34	24.0	122	16.0	PT	59	11	18	1310	122	514	2.37	100.0	0	3
80.0	53.0	34	22.5	120	40.0	PT	59	11	19	1000	139	466	2.98	100.0	8	0
80.0	55.0	34	18.5	120	48.3	PT	59	11	19	0826	144	529	2.73	100.0	6	8
80.0	60.0	34	06.5	121	12.5	PT	59	11	19	0254	126	569	2.22	100.0	1	3
80.0	70.0	33	50.0	121	48.0	PT	59	11	18	2020	138	484	2.84	100.0	0	2
82.0	47.0	34	13.7	119	58.5	PT	59	11	17	1341	130	530	2.46	100.0	0	4
83.0	40.0	34	13.7	119	21.5	PT	59	11	20	0430	11	100	1.14	100.0	34	17
83.0	43.0	34	07.5	119	34.0	PT	59	11	20	0641	134	469	2.86	100.0	20	5
83.0	51.0	33	52.0	120	07.5	PT	59	11	20	1242	98	302	3.23	100.0	5	1
83.0	55.0	33	44.5	120	23.0	PT	59	11	20	1516	140	485	2.89	100.0	0	1
83.0	60.0	33	36.8	120	40.0	PT	59	11	20	1901	124	634	1.96	100.0	1	8
87.0	35.0	33	50.0	118	37.5	PT	59	11	21	1631	124	497	2.50	100.0	27	64
87.0	40.0	33	40.0	118	58.2	PT	59	11	21	1326	140	433	3.24	100.0	1	0
87.0	45.0	33	29.5	119	18.0	PT	59	11	21	1026	133	522	2.55	100.0	5	1
87.0	50.0	33	19.5	119	39.0	PT	59	11	21	0709	48	190	2.54	100.0	8	0
87.0	55.0	33	08.0	119	55.0	PT	59	11	21	0436	138	487	2.83	100.0	52	46
87.0	60.0	32	58.5	120	20.0	PT	59	11	21	0101	152	431	3.52	100.0	7	0
90.0	28.0	33	28.0	117	47.0	PT	59	11	21	2301	123	490	2.52	100.0	7	5
90.0	30.0	33	24.5	117	55.0	PT	59	11	22	0111	135	476	2.85	100.0	4	1
90.0	37.0	33	10.5	118	23.5	PT	59	11	22	0511	133	507	2.62	100.0	5	2
90.0	45.0	32	54.5	118	56.5	PT	59	11	22	1056	136	479	2.84	100.0	0	0
90.0	50.0	32	44.5	119	17.5	PT	59	11	22	1501	141	444	3.17	100.0	0	0
90.0	55.0	32	34.7	119	38.5	PT	59	11	22	1841	133	488	2.73	100.0	10	372
90.0	60.0	32	25.0	119	59.0	PT	59	11	22	2216	132	493	2.68	100.0	2	0
90.0	70.0	32	07.0	120	42.0	PT	59	11	23	0436	130	496	2.62	100.0	37	340
90.0	80.0	31	42.5	121	18.0	PT	59	11	23	1046	153	434	3.53	100.0	3	4
93.0	28.0	32	55.0	117	23.0	PT	59	11	25	0426	130	499	2.61	100.0	2	1
93.0	30.0	32	50.0	117	31.5	PT	59	11	25	0206	126	499	2.52	100.0	2	4
93.0	35.0	32	40.5	117	52.5	PT	59	11	24	2156	127	511	2.48	100.0	11	248
93.0	40.0	32	30.5	118	12.7	PT	59	11	24	1816	141	481	2.94	100.0	3	9
93.0	45.0	32	19.5	118	32.0	PT	59	11	24	1411	147	436	3.38	100.0	4	6
93.0	50.0	32	10.5	118	56.0	PT	59	11	24	1056	138	492	2.79	100.0	7	68
93.0	55.0	32	00.0	119	15.5	PT	59	11	24	0731	138	448	3.07	100.0	13	46
93.0	60.0	31	51.0	119	31.0	PT	59	11	24	0446	144	457	3.15	100.0	4	1
93.0	70.0	31	30.0	120	12.0	PT	59	11	23	2236	135	461	2.92	100.0	3	8
93.0	80.0	31	10.0	120	54.0	PT	59	11	23	1611	131	496	2.63	100.0	3	5

TABLE 1. (cont.)

CalCOFI Cruise 5912

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
77.0	53.0	34 57.0	121 04.7	OR	59 12 09	1451	142	483	2.94	100.0	6	6
77.0	55.0	34 52.5	121 13.5	OR	59 12 09	1656	142	476	2.98	100.0	28	11
77.0	60.0	34 43.5	121 33.4	OR	59 12 09	1951	124	523	2.37	100.0	19	3
77.0	70.0	34 25.5	122 11.6	OR	59 12 10	0101	143	475	3.01	100.0	19	6
80.0	53.0	34 20.0	120 36.5	OR	59 12 10	1916	137	490	2.79	100.0	32	74
80.0	55.0	34 14.3	120 47.0	OR	59 12 10	1651	134	482	2.78	100.0	6	20
80.0	60.0	34 08.9	121 10.1	OR	59 12 10	1301	141	456	3.10	100.0	0	5
80.0	70.0	33 55.0	121 48.5	OR	59 12 10	0726	138	464	2.98	100.0	0	1
82.0	47.0	34 15.3	119 58.4	OR	59 12 10	2346	143	451	3.18	100.0	10	13
83.0	40.0	34 13.4	119 21.3	OR	59 12 11	0354	13	75	1.78	100.0	235	325
83.0	43.0	34 07.7	119 34.3	OR	59 12 11	0536	143	467	3.05	100.0	20	32
83.0	51.0	33 51.5	120 07.6	OR	59 12 11	1146	141	436	3.23	100.0	8	9
83.0	55.0	33 43.2	120 23.3	OR	59 12 11	1411	143	442	3.23	100.0	0	2
83.0	60.0	33 30.3	120 43.5	OR	59 12 11	1826	137	453	3.03	100.0	2	2
87.0	35.0	33 48.3	118 39.1	OR	59 12 12	1336	142	454	3.13	100.0	10	11
87.0	40.0	33 40.0	118 58.5	OR	59 12 12	1106	129	500	2.57	100.0	0	3
87.0	45.0	33 29.2	119 18.0	OR	59 12 12	0746	116	528	2.20	100.0	10	8
87.0	50.0	33 19.3	119 39.6	OR	59 12 12	0518	55	203	2.72	100.0	3	5
87.0	55.0	33 12.2	120 00.6	OR	59 12 12	0146	143	475	3.02	100.0	3	2
87.0	60.0	33 00.7	120 21.5	OR	59 12 11	2311	125	479	2.60	100.0	6	5
90.0	28.0	33 27.2	117 45.9	OR	59 12 13	0436	136	459	2.97	100.0	42	44
90.0	32.0	33 20.4	118 02.8	OR	59 12 15	1831	137	479	2.86	100.0	8	27
90.0	37.0	33 08.5	118 23.2	OR	59 12 15	2146	142	475	2.99	100.0	10	1
90.0	45.0	32 55.4	118 55.8	OR	59 12 16	0156	141	469	3.01	100.0	6	4
90.0	50.0	32 46.4	119 16.6	OR	59 12 16	0506	141	464	3.03	100.0	8	3
90.0	55.0	32 37.0	119 38.0	OR	59 12 16	0806	139	450	3.10	100.0	7	1
90.0	60.0	32 25.0	119 58.1	OR	59 12 16	1106	124	498	2.50	100.0	6	4
90.0	70.0	32 04.5	120 38.2	OR	59 12 16	1626	135	482	2.80	100.0	0	3
90.0	80.0	31 45.1	121 13.0	OR	59 12 16	2156	141	462	3.04	100.0	2	1
90.0	90.0	31 26.1	121 49.0	OR	59 12 17	0316	140	461	2.94	100.0	3	4
90.0	100.0	31 07.0	122 25.8	OR	59 12 17	0806	139	454	3.04	100.0	1	2
93.0	28.0	32 55.2	117 21.3	OR	59 12 19	0626	140	463	3.06	100.0	3	25
93.0	30.0	32 49.3	117 31.9	OR	59 12 19	0311	144	450	3.02	100.0	9	64
93.0	35.0	32 39.6	117 47.6	OR	59 12 19	2356	139	463	3.19	100.0	2	5
93.0	40.0	32 27.5	118 10.6	OR	59 12 18	2041	138	483	3.01	100.0	3	0
93.0	45.0	32 19.3	118 30.2	OR	59 12 18	1741	136	467	2.86	100.0	1	0
93.0	50.0	32 07.0	118 53.7	OR	59 12 18	1506	123	510	2.92	100.0	2	2
93.0	55.0	31 53.2	119 19.0	OR	59 12 18	1116	139	514	2.41	100.0	2	2
93.0	60.0	31 46.8	119 32.0	OR	59 12 18	0836	140	479	2.70	100.0	4	3
93.0	70.0	31 27.0	120 13.8	OR	59 12 18	0251	139	468	2.93	100.0	6	5
93.0	80.0	31 07.9	120 54.9	OR	59 12 17	2146	134	470	2.97	100.0	7	11
93.0	90.0	30 49.0	121 34.9	OR	59 12 17	1626	141	467	2.85	100.0	2	27
93.0	100.0	30 35.3	122 03.0	OR	59 12 17	1231	139	475	3.02	100.0	47	71

TABLE 2. Pooled occurrences of fish larvae taken during CalCOFI cruises in 1959.

Rank	Taxon	Occurrences
1	*Vinciguerria lucetia*	1209
2	*Triphoturus mexicanus*	1069
3	*Engraulis mordax*	888
4	*Sebastes* spp.	602
5	*Cyclothone* spp.	514
6	*Diogenichthys laternatus*	442
7	*Lampanyctus ritteri*	429
8	*Protomyctophum crockeri*	424
9	*Ceratoscopelus townsendi*	373
10	Disintegrated fish larva	361
11	*Merluccius productus*	340
12	*Stenobrachius leucopsarus*	327
13	*Leuroglossus stilbius*	324
14	*Trachurus symmetricus*	286
15	*Bathylagus wesethi*	275
16	Unidentified fish larva	272
17	*Lampanyctus* spp.	260
18	Myctophidae	245
19	*Melamphaes* spp.	209
20	*Symbolophorus californiensis*	191
21	*Gonichthys tenuiculus*	181
21	*Stomias atriventer*	181
23	*Sardinops sagax*	172
24	Paralepididae	165
25	*Hygophum atratum*	138
26	*Citharichthys stigmaeus*	134
27	Labridae	122
28	*Citharichthys* spp.	121
29	*Lampadena urophaos*	120
30	*Citharichthys xanthostigma*	118
31	*Diogenichthys atlanticus*	116
32	*Tarletonbeania crenularis*	113
33	Gobiidae	108
34	*Citharichthys fragilis*	106
34	*Bathylagus ochotensis*	106
36	*Myctophum nitidulum*	105
37	*Diaphus* spp.	103
38	Sternoptychidae	94
39	Scopelarchidae	93
40	*Hygophum* spp.	91
41	*Diogenichthys* spp.	79
42	*Notoscopelus resplendens*	76
43	*Symphurus* spp.	75
43	Chiasmodontidae	75
45	*Icichthys lockingtoni*	74
46	*Chauliodus macouni*	72
47	Sciaenidae	71
48	Serranidae	66

TABLE 2. (cont.)

Rank	Taxon	Occurrences
48	***Synodus*** spp.	66
50	***Scomber japonicus***	65
51	Trichiuridae	61
52	***Scopelogadus bispinosus***	60
53	***Hypsoblennius*** spp.	59
54	Ceratioidei	50
55	***Citharichthys sordidus***	48
55	***Lyopsetta exilis***	48
57	***Lampanyctus regalis***	46
58	***Ophidion scrippsae***	44
59	Ophidiiformes	43
59	***Ichthyococcus*** spp.	43
61	***Idiacanthus antrostomus***	38
62	***Paralichthys californicus***	37
63	***Diplophos taenia***	36
63	***Seriola lalandi***	36
65	Anguilliformes	33
66	***Hippoglossina stomata***	32
67	***Etrumeus acuminatus***	31
68	***Argentina sialis***	30
69	***Parophrys vetulus***	29
70	***Scorpaena*** spp.	28
70	***Prionotus*** spp.	28
72	Cottidae	27
72	***Coryphaena hippurus***	27
72	***Sphyraena argentea***	27
72	***Nansenia crassa***	27
76	***Tetragonurus cuvieri***	26
76	Carangidae	26
78	***Microstoma microstoma***	25
79	***Peprilus simillimus***	22
80	***Cololabis saira***	20
80	***Etropus*** spp.	20
80	***Microstomus pacificus***	20
80	***Auxis*** spp.	20
84	Pomacentridae	18
85	***Chilara taylori***	17
85	***Poromitra*** spp.	17
87	***Hygophum reinhardtii***	16
87	***Chromis punctipinnis***	16
87	***Scopelosaurus*** spp.	16
90	Clinidae	15
91	***Nansenia candida***	13
91	***Bregmaceros*** spp.	13
91	***Bathylagus pacificus***	13
91	Stomiiformes	13
95	Trachipteridae	12
96	***Aristostomias scintillans***	11
96	Haemulidae	11

TABLE 2. (cont.)

Rank	Taxon	Occurrences
98	*Brosmophycis marginata*	10
98	*Caulolatilus princeps*	10
98	*Sebastolobus* spp.	10
101	*Mugil* spp.	9
101	*Loweina rara*	9
101	Nomeidae	9
101	*Sarda chiliensis*	9
101	*Brama* spp.	9
106	Agonidae	8
106	*Glyptocephalus zachirus*	8
106	*Syacium ovale*	8
109	*Bathophilus* spp.	7
109	*Bathylagus* spp.	7
109	*Pleuronichthys* spp.	7
109	Gerreidae	7
109	*Pleuronichthys verticalis*	7
114	*Zaniolepis* spp.	6
114	Evermannellidae	6
114	Mullidae	6
114	Exocoetidae	6
118	Apogonidae	5
118	Pleuronectiformes	5
118	*Xystreurys liolepis*	5
118	*Pleuronichthys coenosus*	5
122	*Myctophum aurolaternatum*	4
122	Gempylidae	4
122	*Pleuronichthys decurrens*	4
122	*Scorpaenichthys marmoratus*	4
122	*Bothus* spp.	4
127	*Syngnathus* spp.	3
127	*Euthynnus* spp.	3
127	*Oxylebius pictus*	3
127	Macrouridae	3
127	*Psettichthys melanostictus*	3
127	Scombridae	3
127	*Notolychnus valdiviae*	3
133	Scorpaenidae	2
133	*Hypsypops rubicundus*	2
133	*Scomberomorus* spp.	2
133	Engraulidae	2
133	*Pleuronichthys ritteri*	2
133	*Tactostoma macropus*	2
133	*Physiculus* spp.	2
133	*Girella nigricans*	2
133	*Electrona rissoi*	2
133	*Thunnus albacares*	2
133	Cyclopteridae	2
133	*Icosteus aenigmaticus*	2
146	*Citharichthys platophrys*	1

TABLE 2. (cont.)

Rank	Taxon	Occurrences
146	Priacanthidae	1
146	***Opisthonema*** spp.	1
146	Lophiidae	1
146	Uranoscopidae	1
146	***Medialuna californiensis***	1
146	***Macroramphosus gracilis***	1
146	***Bathylagus milleri***	1
146	***Seriola*** spp.	1
146	Atherinidae	1

TABLE 3. Pooled numbers of fish larvae taken during CalCOFI cruises in 1959. Counts are adjusted for percent of sample sorted and standard haul factor (see text).

Rank	Taxon	Count
1	*Engraulis mordax*	207333
2	*Vinciguerria lucetia*	117811
3	*Triphoturus mexicanus*	33817
4	*Merluccius productus*	17761
5	*Sebastes* spp.	11427
6	*Leuroglossus stilbius*	7673
7	*Stenobrachius leucopsarus*	7253
8	*Diogenichthys laternatus*	6325
9	*Sardinops sagax*	5368
10	*Ceratoscopelus townsendi*	4454
11	*Trachurus symmetricus*	4080
12	*Cyclothone* spp.	3888
13	*Lampanyctus ritteri*	2409
14	*Bathylagus wesethi*	2395
15	*Prionotus* spp.	2157
16	Disintegrated fish larva	2060
17	*Protomyctophum crockeri*	2034
18	Myctophidae	1641
19	*Citharichthys fragilis*	1585
20	*Lampanyctus* spp.	1476
21	Unidentified fish larva	1425
22	*Symbolophorus californiensis*	1132
23	*Citharichthys xanthostigma*	968
24	*Citharichthys* spp.	917
25	*Lampadena urophaos*	860
26	*Stomias atriventer*	835
27	*Melamphaes* spp.	829
28	*Gonichthys tenuiculus*	795
29	*Tarletonbeania crenularis*	782
30	Serranidae	762
31	Sciaenidae	733
32	*Diaphus* spp.	723
33	*Hygophum atratum*	696
34	Paralepididae	649
35	*Diogenichthys atlanticus*	637
36	Labridae	618
37	*Synodus* spp.	613
38	*Citharichthys stigmaeus*	611
39	*Etrumeus acuminatus*	610
40	*Diogenichthys* spp.	592
41	*Bathylagus ochotensis*	546
42	*Notoscopelus resplendens*	526
43	*Scomber japonicus*	490
44	*Hygophum* spp.	460
45	Gobiidae	458
46	*Symphurus* spp.	422
47	*Myctophum nitidulum*	408

TABLE 3. (cont.)

Rank	Taxon	Count
48	*Icichthys lockingtoni*	394
49	*Auxis* spp.	386
50	Scopelarchidae	337
51	*Ophidion scrippsae*	334
52	Sternoptychidae	326
53	Trichiuridae	324
54	Carangidae	306
55	Ophidiiformes	276
56	*Hypsoblennius* spp.	259
57	Anguilliformes	255
58	*Chauliodus macouni*	248
58	*Paralichthys californicus*	248
60	*Lyopsetta exilis*	243
61	Chiasmodontidae	242
62	*Parophrys vetulus*	226
63	*Scopelogadus bispinosus*	209
64	Ceratioidei	192
65	*Sphyraena argentea*	190
66	*Citharichthys sordidus*	188
67	*Lampanyctus regalis*	176
68	*Scorpaena* spp.	167
69	*Seriola lalandi*	166
70	Pomacentridae	145
71	*Idiacanthus antrostomus*	128
72	Cottidae	127
73	*Diplophos taenia*	126
74	*Ichthyococcus* spp.	122
75	*Tetragonurus cuvieri*	114
76	*Etropus* spp.	109
77	*Hippoglossina stomata*	103
78	*Argentina sialis*	101
79	*Microstoma microstoma*	95
80	Clinidae	93
81	Gerreidae	86
82	*Peprilus simillimus*	83
83	*Nansenia crassa*	82
84	*Coryphaena hippurus*	77
84	Haemulidae	77
86	*Microstomus pacificus*	76
87	*Cololabis saira*	75
88	*Bregmaceros* spp.	63
88	*Bathylagus pacificus*	63
90	*Chromis punctipinnis*	61
90	*Nansenia candida*	61
92	*Poromitra* spp.	59
92	*Hygophum reinhardtii*	59
94	*Chilara taylori*	58
95	*Scopelosaurus* spp.	57

TABLE 3. (cont.)

Rank	Taxon	Count
96	*Sebastolobus* spp.	55
97	*Sarda chiliensis*	45
98	*Syacium ovale*	40
99	*Brosmophycis marginata*	37
99	Stomiiformes	37
101	Trachipteridae	35
102	*Aristostomias scintillans*	34
103	Nomeidae	32
103	*Caulolatilus princeps*	32
105	*Bathophilus* spp.	31
106	Mullidae	30
107	*Glyptocephalus zachirus*	29
108	*Brama* spp.	26
109	Scombridae	25
109	*Mugil* spp.	25
111	*Loweina rara*	24
112	*Bathylagus* spp.	23
113	*Pleuronichthys* spp.	22
114	*Pleuronichthys verticalis*	21
114	Agonidae	21
116	Exocoetidae	20
117	Pleuronectiformes	19
118	*Electrona rissoi*	17
119	*Myctophum aurolaternatum*	16
119	*Zaniolepis* spp.	16
119	Evermannellidae	16
119	*Xystreurys liolepis*	16
123	*Pleuronichthys coenosus*	15
124	*Bothus* spp.	14
124	Apogonidae	14
126	*Pleuronichthys decurrens*	13
127	*Notolychnus valdiviae*	12
128	Cyclopteridae	11
129	*Scorpaenichthys marmoratus*	10
130	*Icosteus aenigmaticus*	9
130	Engraulidae	9
130	*Psettichthys melanostictus*	9
133	Macrouridae	8
133	Gempylidae	8
133	*Syngnathus* spp.	8
133	*Oxylebius pictus*	8
137	*Hypsypops rubicundus*	7
138	*Girella nigricans*	6
138	*Tactostoma macropus*	6
138	*Pleuronichthys ritteri*	6
141	*Euthynnus* spp.	5
141	Scorpaenidae	5
141	*Physiculus* spp.	5
144	*Opisthonema* spp.	4

TABLE 3. (cont.)

Rank	Taxon	Count
144	***Scomberomorus*** spp.	4
144	Atherinidae	4
147	***Bathylagus milleri***	3
147	***Seriola*** spp.	3
147	***Medialuna californiensis***	3
147	Lophiidae	3
147	***Macroramphosus gracilis***	3
147	***Thunnus albacares***	3
147	***Citharichthys platophrys***	3
147	Uranoscopidae	3
155	Priacanthidae	2
	Total	471006

TABLE 4. Numbers of fish larvae taken on stations occupied during CalCOFI cruises in 1959. Counts are adjusted for percent of sample sorted and standard haul factor (see text). Average number is given for stations occupied more than once during a calendar month. Unoccupied stations are indicated by a dash.

Anguilliformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	90.0	0.0	-	-	0.0	-	-	3.9	-	-	0.0	-	-
97.0	80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-
113.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.6	-	-
113.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.7	-	-
117.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	2.7	-	-
121.3	30.0	-	-	-	-	-	-	-	-	2.6	-	-	-
123.0	37.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.6	1.8	-	-
127.0	55.0	-	0.0	0.0	-	0.0	0.0	0.0	2.6	-	0.0	-	-
127.0	65.0	-	-	-	-	0.0	0.0	2.9	0.0	-	-	-	-
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.4	-	-
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.1	-	-
130.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	-	0.0	-	-
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	19.9	28.8	-	-
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	91.6	27.9	-	-
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.9	7.6	-	-
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.5	-	-
140.0	35.0	0.0	-	-	0.0	-	-	-	2.2	-	-	-	-
140.0	45.0	2.5	-	-	0.0	-	-	-	0.0	-	-	-	-
140.0	60.0	0.0	-	-	0.0	-	-	-	2.3	-	-	-	-
143.0	26.0	0.0	-	-	0.0	-	-	-	1.7	-	-	-	-
143.0	30.0	2.0	-	-	0.0	-	-	-	0.0	-	-	-	-
150.0	40.0	0.0	-	-	-	-	-	-	1.6	-	-	-	-
150.0	50.0	0.0	-	-	-	-	-	-	1.1	-	-	-	-
153.0	25.0	0.0	-	-	-	-	-	-	5.6	-	-	-	-
157.0	10.0	5.9	-	-	-	-	-	-	-	-	-	-	-
157.0	15.0	6.4	-	-	-	-	-	-	-	-	-	-	-

Etrumeus acuminatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
119.0	33.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	12.1	-	-
120.0	30.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	12.3	-	-
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.8	19.0	0.0	-	-
120.7	26.0	-	-	-	-	-	-	-	-	1.8	-	-	-
121.3	30.0	-	-	-	-	-	-	-	-	5.2	-	-	-
123.0	37.0	2.1	0.0	0.0	-	0.0	0.0	0.0	5.9	149.1	52.5	-	-
127.0	34.0	0.0	0.0	0.0	-	0.0	0.0	0.0	2.2	0.0	0.0	-	-
127.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	5.9	-	-
127.0	45.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.5	0.0	-	-
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	164.0	2.8	0.0	-	-
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.1	0.0	0.0	-	-
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	19.9	11.5	-	-

TABLE 4. (cont.)

Etrumeus acuminatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	3.0	–	–
137.0	23.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	36.6	13.1	2.0	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	5.0	–	–
140.0	30.0	0.0	–	–	0.0	–	–	–	1.4	–	–	–	–
143.0	26.0	14.8	–	–	0.0	–	–	–	3.4	–	–	–	–
143.0	30.0	16.1	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	35.0	6.0	–	–	0.0	–	–	–	0.0	–	–	–	–

Opisthonema spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	30.0	0.0	–	–	0.0	–	–	–	4.0	–	–	–	–

Sardinops sagax

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	51.0	0.0	3.6	–	0.0	0.0	–	0.0	–	–	0.0	–	–
77.0	50.0	0.0	10.2	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
77.0	55.0	0.0	16.0	–	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0
77.0	60.0	0.0	0.0	–	0.0	0.0	0.0	5.9	0.0	–	0.0	0.0	0.0
77.0	65.0	–	–	–	0.0	0.0	0.0	3.3	–	–	–	–	–
80.0	52.0	0.0	–	–	0.0	0.0	0.0	3.4	0.0	–	0.0	–	–
80.0	53.0	–	40.3	–	–	–	–	–	–	–	–	0.0	2.8
80.0	55.0	0.0	43.5	–	0.0	0.0	0.0	6.4	0.0	–	0.0	0.0	0.0
80.0	60.0	0.0	0.0	–	0.0	0.0	0.0	182.0	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	0.0	0.0	2.8	0.0	–	–	–	–
82.0	47.0	0.0	33.8	–	0.0	0.0	0.0	8.2	0.0	–	0.0	0.0	0.0
83.0	40.0	7.8	158.7	0.0	0.0	0.0	0.0	0.0	1.8	–	1.7	0.0	32.0
83.0	43.0	40.2	165.4	0.0	3.0	2.6	6.0	0.0	0.0	–	3.0	0.0	0.0
83.0	51.0	6.0	2.8	–	14.7	2.4	5.1	2.2	0.0	–	0.0	0.0	0.0
83.0	55.0	2.9	0.0	–	0.0	0.0	0.0	7.7	0.0	–	0.0	0.0	0.0
83.0	70.0	0.0	3.4	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
87.0	35.0	211.2	34.3	8.8	0.0	36.1	15.3	0.0	0.0	–	7.9	0.0	3.1
87.0	40.0	18.0	25.2	0.0	12.0	2.8	2.4	0.0	0.0	–	0.0	0.0	0.0
87.0	45.0	–	–	18.6	33.5	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	50.0	0.0	7.2	0.0	25.8	8.9	20.9	57.5	0.0	–	0.0	0.0	0.0
87.0	55.0	0.0	0.0	–	0.0	6.0	0.0	3.2	0.0	–	0.0	0.0	0.0
87.0	65.0	–	–	–	0.0	0.0	56.4	0.0	0.0	–	–	–	–
87.0	70.0	–	3.0	–	0.0	0.0	3.3	0.0	0.0	–	0.0	–	–
90.0	28.0	5.9	0.0	0.0	43.0	113.4	0.0	0.0	0.0	0.0	24.9	0.0	0.0
90.0	32.0	0.0	0.0	–	0.0	21.4	0.0	0.0	0.0	0.0	0.0	–	0.0
90.0	45.0	0.0	0.0	0.0	0.0	0.0	32.6	0.0	0.0	0.0	0.0	0.0	0.0
90.0	50.0	0.0	0.0	21.6	0.0	0.0	59.2	–	0.0	0.0	0.0	0.0	0.0
90.0	55.0	0.0	0.0	0.0	107.0	0.0	0.0	0.0	0.0	0.0	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.
93.0	28.0	–	0.0	0.0	0.0	16.8	0.0	0.0	0.0	5.2	0.0	0.0	0.0
93.0	50.0	0.0	2.8	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	55.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0
97.0	30.0	0.0	0.0	0.0	–	0.0	0.0	4.3	0.0	–	75.4	–	–
97.0	40.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	–	0.0	–	–
97.0	45.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0	–	–
97.0	55.0	0.0	0.0	3.1	–	0.0	0.0	–	0.0	–	0.0	–	–
100.0	30.0	0.0	2.3	0.0	0.0	6.0	0.0	84.8	0.0	–	0.0	–	–
103.0	30.0	0.0	20.2	0.0	26.5	0.0	0.0	–	59.8	–	0.0	–	–
107.0	32.0	0.0	0.0	0.0	76.1	0.0	0.0	2.8	20.1	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
110.0	33.0	0.0	3.0	7.5	16.6	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	35.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	30.0	0.0	7.7	0.0	0.0	0.0	0.0	–	2.4	0.0	5.7	–	–
113.0	35.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	5.0	0.0	–	–
113.0	40.0	–	3.0	0.0	25.8	0.0	0.0	0.0	0.0	2.7	0.0	–	–
115.0	40.0	–	–	–	–	–	–	–	–	2.3	–	–	–
117.0	26.0	3.9	0.0	0.0	0.0	0.0	0.0	50.6	0.0	2.7	0.0	–	–
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.8	0.0	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	–
117.0	50.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	–	–
118.5	35.0	–	–	–	–	–	–	–	–	3.0	–	–	–
119.0	33.0	24.4	0.0	0.0	2.9	–	0.0	0.0	0.0	316.1	132.9	–	–
120.0	25.0	3.4	55.4	10.0	4.9	–	4.8	0.0	15.7	2.2	2.4	–	–
120.0	30.0	103.9	5.4	0.0	0.0	–	0.0	0.0	0.0	56.3	0.0	–	–
120.0	35.0	28.0	0.0	0.0	0.0	–	0.0	24.2	0.0	69.8	129.1	–	–
120.0	40.0	0.0	19.4	0.0	0.0	64.1	0.0	74.4	0.0	59.8	2.5	–	–
120.0	45.0	5.3	63.8	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	–	–
120.0	50.0	2.1	31.7	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.7	26.0	–	–	–	–	–	–	–	–	53.4	–	–	–
121.2	34.0	–	–	–	–	–	–	–	–	332.2	–	–	–
121.3	30.0	–	–	–	–	–	–	–	–	121.3	–	–	–
123.0	37.0	0.0	0.0	2.7	–	0.0	0.0	0.0	29.6	5.1	52.5	–	–
123.0	42.0	4.7	0.0	0.0	–	0.0	23.7	0.0	0.0	0.0	0.0	–	–
123.0	45.0	20.4	0.0	0.0	–	0.0	0.0	0.0	–	0.0	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	8.6	–	0.0	–	–
127.0	34.0	11.4	0.0	0.0	–	0.0	0.0	0.0	13.4	0.0	2.2	–	–
127.0	40.0	9.5	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	30.0	24.8	0.0	0.0	0.0	0.0	0.0	0.0	379.3	0.0	0.0	–	–
130.0	35.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	–	–
130.0	40.0	0.0	0.0	0.0	14.1	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	45.0	0.0	0.0	0.0	40.7	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	5.9	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.
133.0	25.0	0.0	28.7	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-
133.0	30.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	-	-
137.0	23.0	2.1	38.6	41.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
143.0	26.0	87.4	-	-	0.0	-	-	-	0.0	-	-	-	-
143.0	30.0	68.3	-	-	0.0	-	-	-	0.0	-	-	-	-
147.0	30.0	11.4	-	-	0.0	-	-	-	0.0	-	-	-	-
147.0	35.0	15.1	-	-	0.0	-	-	-	0.0	-	-	-	-
150.0	19.0	2.3	-	-	-	-	-	-	0.0	-	-	-	-

Engraulidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	30.0	0.0	-	-	0.0	-	-	-	6.7	-	-	-	-
143.0	35.0	0.0	-	-	0.0	-	-	-	2.3	-	-	-	-

Engraulis mordax

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	10.5	-	-	-	0.0	-	14.3	-	-	0.0	-	-
60.0	55.0	0.0	-	-	-	0.0	-	14.3	-	-	0.0	-	-
60.0	60.0	0.0	-	-	11.8	28.3	-	26.6	-	-	0.0	-	-
60.0	65.0	-	-	-	28.1	0.0	-	3.0	-	-	-	-	-
60.0	70.0	0.0	-	-	19.1	0.0	-	11.4	-	-	0.0	-	-
60.0	90.0	0.0	-	-	99.6	0.0	-	2.5	-	-	0.0	-	-
63.0	52.0	0.0	-	-	16.6	-	-	0.0	-	-	0.0	-	-
63.0	55.0	2.9	-	-	198.3	0.0	-	10.6	-	-	0.0	-	-
63.0	60.0	0.0	-	-	26.6	0.0	-	66.8	-	-	0.0	-	-
63.0	65.0	-	-	-	-	23.0	-	86.3	-	-	-	-	-
63.0	80.0	-	-	-	-	6.2	-	0.0	-	-	0.0	-	-
63.0	90.0	0.0	-	-	31.2	0.0	-	0.0	-	-	0.0	-	-
67.0	50.0	2.5	-	-	12.0	9.1	-	5.9	-	-	0.0	-	-
67.0	55.0	22.3	-	-	5.0	40.4	-	6.2	-	-	0.0	-	-
67.0	60.0	0.0	-	-	109.6	641.4	-	16.7	-	-	0.0	-	-
67.0	65.0	-	-	-	-	6.3	-	0.0	-	-	-	-	-
67.0	70.0	0.0	-	-	-	234.9	-	0.0	-	-	0.0	-	-
67.0	75.0	-	-	-	-	6.0	-	0.0	-	-	-	-	-
67.0	80.0	-	-	-	-	100.3	-	0.0	-	-	0.0	-	-
67.0	90.0	0.0	-	-	0.0	-	-	3.9	-	-	0.0	-	-
70.0	52.0	-	-	-	133.8	2.9	-	23.2	-	-	0.0	-	-
70.0	55.0	8.9	-	-	309.7	52.9	-	57.4	-	-	0.0	-	-
70.0	60.0	0.0	-	-	608.0	52.8	-	6.7	-	-	0.0	-	-
70.0	65.0	-	-	-	797.3	-	-	24.7	-	-	-	-	-
70.0	70.0	0.0	-	-	198.4	-	-	6.3	-	-	0.0	-	-
70.0	75.0	-	-	-	-	24.7	-	43.5	-	-	-	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	80.0	0.0	–	–	5.2	6.8	–	30.6	–	–	0.0	–	–
70.0	85.0	–	–	–	–	13.9	–	103.2	–	–	–	–	–
70.0	90.0	0.0	–	–	26.2	0.0	–	28.2	–	–	0.0	–	–
73.0	51.0	8.2	914.8	–	271.8	35.2	–	9.0	–	–	0.0	–	–
73.0	53.0	–	563.6	–	–	–	–	–	–	–	–	–	–
73.0	55.0	8.4	2059.5	–	399.0	5.6	–	18.7	–	–	0.0	–	–
73.0	57.0	–	187.0	–	–	–	–	–	–	–	–	–	–
73.0	60.0	156.5	356.1	–	8.7	21.6	–	3.0	–	–	0.0	–	–
73.0	65.0	–	–	–	640.0	17.0	–	277.2	–	–	–	–	–
73.0	70.0	0.0	81.9	–	545.2	51.3	–	298.1	–	–	0.0	–	–
73.0	75.0	–	–	–	–	6.1	–	85.4	–	–	–	–	–
73.0	80.0	–	–	–	34.9	9.0	–	0.0	–	–	0.0	–	–
73.0	85.0	–	–	–	–	6.0	–	0.0	–	–	–	–	–
73.0	90.0	–	–	–	0.0	2.9	–	0.0	–	–	0.0	–	–
77.0	50.0	19.5	545.3	–	195.0	10.3	2.8	108.8	9.0	–	0.0	–	–
77.0	53.0	–	378.0	–	–	–	–	–	–	–	–	0.0	2.9
77.0	55.0	196.7	1459.2	–	1120.0	–	0.0	242.6	0.0	–	0.0	0.0	14.9
77.0	60.0	11.6	0.0	–	965.7	188.4	144.4	70.8	0.0	–	0.0	0.0	0.0
77.0	65.0	–	–	–	3095.6	30.1	130.6	62.5	–	–	–	–	–
77.0	70.0	0.0	2.5	–	8.2	646.5	104.5	24.6	–	–	0.0	0.0	21.1
77.0	75.0	–	–	–	–	598.9	–	3.0	–	–	–	–	–
77.0	80.0	–	–	–	9.2	41.9	135.8	9.2	–	–	0.0	–	–
77.0	85.0	–	–	–	–	17.1	120.9	9.5	–	–	–	–	–
77.0	90.0	–	–	–	3.0	140.1	26.4	7.0	–	–	0.0	–	–
80.0	52.0	278.3	–	–	110.9	23.7	1103.9	340.0	0.0	–	0.0	–	–
80.0	53.0	–	1302.0	–	–	–	–	–	–	–	–	6.0	36.3
80.0	55.0	869.4	12234.7	–	1614.0	80.9	1091.4	609.3	2.8	–	0.0	0.0	0.0
80.0	57.0	–	2156.4	–	–	–	–	–	–	–	–	–	–
80.0	60.0	546.5	929.6	–	1930.5	130.7	150.0	248.5	0.0	–	0.0	0.0	0.0
80.0	65.0	–	–	–	1651.7	43.4	74.1	239.4	–	–	–	–	–
80.0	70.0	14.5	6.1	–	804.0	66.7	19.4	5.8	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	200.8	17.2	23.4	27.8	3.4	–	–	–	–
80.0	80.0	2.8	266.6	–	6.3	401.3	0.0	6.1	0.0	–	0.0	–	–
80.0	85.0	–	–	–	3.0	252.8	27.4	0.0	0.0	–	–	–	–
80.0	90.0	0.0	0.0	–	25.5	24.2	215.8	87.7	0.0	–	0.0	–	–
82.0	47.0	220.4	1144.9	–	6.5	2.7	12.1	90.1	6.3	–	0.0	0.0	22.3
83.0	40.0	428.7	301.3	65.4	1.6	5.3	66.7	13.0	7.4	–	0.0	36.5	357.8
83.0	43.0	80.3	985.9	470.6	44.8	46.3	6.0	65.3	35.4	–	3.0	54.3	45.8
83.0	51.0	314.1	1715.4	–	1139.8	94.8	71.4	17.9	3.1	–	0.0	0.0	0.0
83.0	55.0	1588.9	1927.6	–	1162.6	177.9	134.0	79.7	19.3	–	0.0	0.0	0.0
83.0	60.0	224.3	218.8	–	370.5	133.3	319.9	12.3	15.1	–	0.0	0.0	0.0
83.0	65.0	–	–	–	249.5	634.3	100.6	11.4	0.0	–	–	–	–
83.0	70.0	29.4	875.9	–	11.0	209.0	146.9	21.4	6.4	–	0.0	–	–
83.0	75.0	–	–	–	36.1	371.3	40.0	20.5	–	–	–	–	–
83.0	80.0	0.0	2.9	–	59.0	24.4	0.0	0.0	0.0	–	0.0	–	–
83.0	85.0	–	–	–	0.0	414.5	0.0	9.2	–	–	–	–	–

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	90.0	0.0	0.0	–	0.0	6.0	2.9	10.1	0.0	–	0.0	–	–
87.0	35.0	393.6	469.0	570.4	30.1	108.4	102.0	33.9	13.2	–	17.4	55.0	15.7
87.0	40.0	60.0	1096.2	275.3	266.1	64.2	158.4	0.0	0.0	–	0.0	3.2	0.0
87.0	45.0	–	–	543.3	915.1	174.6	4.4	7.7	0.0	–	0.0	0.0	0.0
87.0	50.0	3.0	1263.5	1474.6	552.1	331.5	31.3	17.5	0.0	–	0.0	0.0	0.0
87.0	55.0	137.2	10.0	–	68.6	262.7	65.8	57.2	0.0	–	0.0	0.0	3.0
87.0	60.0	–	162.9	–	69.7	118.6	52.2	0.0	0.0	–	0.0	0.0	0.0
87.0	65.0	–	–	–	558.7	287.3	1185.0	0.0	0.0	–	–	–	–
87.0	70.0	–	565.0	–	316.0	34.1	154.2	0.0	0.0	–	0.0	–	–
87.0	75.0	–	–	–	8.7	12.2	42.0	–	0.0	–	–	–	–
87.0	80.0	–	4.3	–	5.9	0.0	15.3	0.0	0.0	–	0.0	–	–
87.0	90.0	–	0.0	–	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
90.0	28.0	167.0	241.2	38.7	274.4	818.1	10.0	11.4	0.0	13.8	27.1	0.0	106.9
90.0	30.0	14.5	8.0	67.6	–	–	–	–	–	–	–	2.8	–
90.0	32.0	5.6	45.4	–	1504.5	329.6	4.6	0.0	11.2	13.7	0.0	–	22.9
90.0	37.0	0.0	30.5	69.4	187.0	8.8	18.1	0.0	3.2	11.3	0.0	0.0	14.9
90.0	45.0	0.0	0.0	917.3	1527.0	153.9	479.5	8.3	24.7	0.0	0.0	0.0	12.0
90.0	50.0	0.0	1014.4	3477.6	820.1	159.0	555.5	–	2.8	0.0	0.0	0.0	3.0
90.0	55.0	0.0	0.0	294.7	2088.0	0.0	37.4	2.4	3.0	0.0	0.0	0.0	3.1
90.0	60.0	–	7.4	38.5	1541.5	229.7	4.0	0.0	0.0	0.0	0.0	0.0	7.5
90.0	65.0	–	–	0.0	–	79.8	5.6	0.0	0.0	5.7	–	–	–
90.0	70.0	–	0.0	0.0	5.8	23.9	15.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0	75.0	–	–	–	0.0	0.0	6.3	0.0	0.0	0.0	–	–	–
90.0	80.0	–	0.0	0.0	2.9	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0	90.0	–	4.5	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
93.0	27.0	39.1	–	–	–	–	–	–	–	–	–	–	–
93.0	28.0	–	0.0	23.9	316.2	476.0	104.5	80.9	5.8	2.6	2.9	2.6	3.1
93.0	30.0	0.0	0.0	23.1	207.4	101.9	66.2	3.1	0.0	0.0	8.3	2.5	15.1
93.0	35.0	0.0	0.0	44.5	54.5	118.9	61.8	0.0	0.0	0.0	0.0	0.0	3.2
93.0	40.0	0.0	0.0	139.7	3731.8	31.8	15.9	5.0	0.0	0.0	5.7	0.0	0.0
93.0	45.0	2.8	65.8	551.0	5805.5	416.1	94.1	54.1	0.0	0.0	0.0	0.0	0.0
93.0	50.0	3.0	406.1	721.2	1763.2	119.7	464.3	37.2	0.0	0.0	0.0	0.0	0.0
93.0	55.0	3.2	191.1	182.0	2784.7	122.4	388.8	2.6	3.0	0.0	0.0	0.0	0.0
93.0	60.0	2.6	4.6	0.0	1067.5	5.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	–	–	–	191.8	0.0	0.0	0.0	0.0	0.0	–	–	–
93.0	70.0	0.0	–	2.3	70.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	75.0	–	–	–	11.5	3.0	2.8	0.0	0.0	0.0	–	–	–
93.0	80.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	30.0	8.5	0.0	16.2	–	56.6	141.9	6.4	0.0	–	0.0	–	–
97.0	32.0	0.0	0.0	2.6	28.3	58.8	106.0	195.3	0.0	–	0.0	–	–
97.0	35.0	0.0	7.5	17.4	14.5	39.2	59.2	174.8	0.0	–	0.0	–	–
97.0	40.0	0.0	13.1	26.2	401.6	609.4	740.5	26.2	3.1	–	0.0	–	–
97.0	45.0	0.0	0.0	35.8	2842.6	553.1	275.8	11.6	0.0	–	0.0	–	–
97.0	50.0	0.0	0.0	8.2	649.0	308.7	60.1	0.0	0.0	–	0.0	–	–
97.0	55.0	16.5	0.0	37.0	–	130.2	35.2	–	0.0	–	0.0	–	–
97.0	60.0	13.5	0.0	0.0	63.9	2.9	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	70.0	0.0	2.6	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	29.0	0.0	0.0	0.0	10.8	41.7	5.5	0.0	38.1	-	0.0	-	-
100.0	30.0	0.0	2.3	2.6	32.6	81.3	2.9	51.5	20.4	-	0.0	-	-
100.0	35.0	8.0	0.0	162.5	2.7	3.0	25.9	131.9	0.0	-	0.0	-	-
100.0	40.0	-	2.1	62.4	0.0	32.9	293.8	87.2	0.0	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	0.0	65.3	22.5	90.8	0.0	-	0.0	-	-
100.0	50.0	0.0	0.0	0.0	0.0	0.0	40.5	2.8	0.0	-	0.0	-	-
100.0	55.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-
103.0	30.0	0.0	11.5	15.2	59.2	46.4	0.0	-	4.2	-	0.0	-	-
103.0	35.0	8.0	0.0	0.0	1141.2	151.0	49.1	-	10.0	-	0.0	-	-
103.0	40.0	0.0	2.6	0.0	159.3	193.6	2.7	-	1.5	-	0.0	-	-
103.0	45.0	0.0	5.3	0.0	9.6	586.6	54.0	0.0	0.0	-	2.8	-	-
103.0	50.0	0.0	2.3	0.0	0.0	27.9	0.0	0.0	0.0	-	0.0	-	-
107.0	32.0	13.4	73.8	19.1	206.1	623.8	94.5	16.9	46.9	-	0.0	-	-
107.0	35.0	39.5	36.4	28.2	1160.3	117.8	19.1	8.5	37.4	-	0.0	-	-
107.0	40.0	0.0	0.0	7.7	0.0	59.8	136.9	5.5	26.9	-	0.0	-	-
107.0	45.0	0.0	0.0	0.0	0.0	0.0	217.6	0.0	0.0	-	0.0	-	-
107.0	50.0	0.0	0.0	46.4	0.0	0.0	21.5	0.0	0.0	-	3.0	-	-
107.0	55.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	-	-	-	-
110.0	33.0	5.9	135.9	102.5	242.9	226.6	55.4	24.8	0.0	2.9	0.0	-	-
110.0	35.0	86.1	31.5	299.9	1297.2	60.3	2.8	0.0	0.0	0.0	0.0	-	-
110.0	40.0	0.0	75.0	118.7	62.4	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	45.0	0.0	16.1	151.3	15.4	0.0	0.0	2.6	0.0	-	0.0	-	-
110.0	50.0	0.0	3.1	106.9	8.1	0.0	0.0	0.0	3.2	-	0.0	-	-
110.0	55.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	60.0	0.0	0.0	13.5	2.7	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	65.0	-	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
110.0	70.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	80.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0	30.0	31.2	123.4	13.0	561.7	82.6	5.4	-	48.2	6.3	0.0	-	-
113.0	35.0	10.5	251.1	29.7	5195.3	278.2	110.4	24.8	3.2	7.5	2.6	-	-
113.0	40.0	-	1212.9	5.9	3449.8	11.6	53.4	0.0	0.0	2.7	0.0	-	-
113.0	45.0	2.1	0.0	16.9	2.6	0.0	19.0	0.0	0.0	-	2.9	-	-
113.0	50.0	6.0	0.0	25.6	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0	55.0	0.0	11.0	25.3	2.3	0.0	0.0	0.0	0.0	-	3.1	-	-
113.0	60.0	0.0	3.1	0.0	2.3	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0	65.0	-	0.0	0.0	2.1	3.2	0.0	0.0	0.0	-	-	-	-
113.0	70.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
113.0	75.0	-	-	-	0.0	5.8	0.0	0.0	0.0	-	-	-	-
115.0	30.0	-	-	-	-	-	-	-	-	4.8	-	-	-
115.0	35.0	-	-	-	-	-	-	-	-	2.8	-	-	-
115.0	40.0	-	-	-	-	-	-	-	-	25.5	-	-	-
117.0	26.0	213.4	96.5	349.5	117.7	27.9	0.0	12.1	3.0	2.7	5.7	-	-
117.0	30.0	9.0	522.0	147.2	222.6	18.3	26.3	35.4	14.9	13.0	9.5	-	-
117.0	35.0	275.1	76.5	499.3	864.5	105.0	32.6	8.0	2.9	0.0	0.0	-	-
117.0	40.0	0.0	56.9	373.9	17075.5	2.7	56.7	0.0	0.0	3.1	0.0	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	45.0	5.5	13.3	139.5	251.5	0.0	124.0	0.0	0.0	-	0.0	-	-
117.0	50.0	0.0	23.4	68.4	1137.0	0.0	95.5	0.0	0.0	-	0.0	-	-
117.0	55.0	0.0	8.3	2.9	2398.6	145.0	12.6	0.0	0.0	-	0.0	-	-
117.0	60.0	0.0	0.0	0.0	550.4	5.9	0.0	0.0	0.0	-	0.0	-	-
117.0	65.0	-	0.0	0.0	146.4	0.0	0.0	0.0	0.0	-	-	-	-
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0	-	-
118.0	39.0	1.9	3.1	228.8	1430.1	0.0	69.7	11.6	0.0	2.5	0.0	-	-
118.5	25.0	-	-	-	-	-	-	-	-	102.9	-	-	-
118.5	30.0	-	-	-	-	-	-	-	-	10.5	-	-	-
119.0	33.0	234.2	20.2	442.0	232.3	-	8.1	2.6	9.0	5.8	3.0	-	-
120.0	25.0	1.7	31.7	82.5	412.5	-	46.5	0.0	0.0	17.6	0.0	-	-
120.0	30.0	505.9	37.9	86.7	128.5	-	18.3	0.0	0.0	7.7	2.5	-	-
120.0	35.0	54.0	29.1	487.7	324.7	-	11.0	26.9	0.0	5.8	5.4	-	-
120.0	40.0	79.2	16.9	40.6	97.8	53.1	2.0	24.2	8.4	1.4	0.0	-	-
120.0	45.0	109.1	98.4	49.3	663.0	349.6	2.7	0.0	0.0	0.0	0.0	-	-
120.0	50.0	37.4	25.9	94.9	134.3	65.5	8.5	0.0	0.0	-	0.0	-	-
120.0	55.0	0.0	2.4	9.4	826.1	2.8	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	2.8	-	0.0	-	-
120.0	65.0	-	2.9	0.0	5.1	0.0	0.0	0.0	0.0	-	-	-	-
120.7	26.0	-	-	-	-	-	-	-	-	12.5	-	-	-
123.0	37.0	159.0	109.5	40.4	-	5.0	166.4	0.0	3.0	2.6	0.0	-	-
123.0	42.0	0.0	38.3	0.0	-	41.4	171.7	0.0	0.0	0.0	0.0	-	-
123.0	45.0	0.0	0.0	0.0	-	0.0	177.0	0.0	-	0.0	0.0	-	-
123.0	50.0	-	3.0	22.8	-	0.0	949.5	0.0	0.0	-	0.0	-	-
123.0	55.0	-	0.0	35.9	-	0.0	157.9	0.0	0.0	-	0.0	-	-
123.0	60.0	0.0	0.0	0.0	-	0.0	4.9	0.0	0.0	-	0.0	-	-
123.0	65.0	-	-	-	-	0.0	2.7	2.7	0.0	-	-	-	-
127.0	34.0	1003.0	5.7	63.8	-	30.2	0.0	0.0	9.0	2.7	0.0	-	-
127.0	40.0	683.6	0.0	24.1	-	54.4	0.0	0.0	2.7	2.6	0.0	-	-
127.0	45.0	62.6	267.5	0.0	-	954.2	50.0	0.0	0.0	0.0	0.0	-	-
127.0	50.0	28.9	35.4	3.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-
127.0	55.0	-	6.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-
127.0	60.0	0.0	0.0	6.1	-	0.0	0.0	0.0	16.9	-	0.0	-	-
127.0	65.0	-	-	-	-	0.0	0.0	2.9	0.0	-	-	-	-
130.0	30.0	2142.7	468.5	263.0	28.0	8.8	0.0	20.9	49.2	8.6	19.2	-	-
130.0	35.0	0.0	11.6	454.3	0.0	51.2	0.0	0.0	2.3	0.0	0.0	-	-
130.0	40.0	0.0	26.9	0.0	22.6	18.4	0.0	0.0	0.0	0.0	0.0	-	-
130.0	45.0	0.0	0.0	0.0	23.3	0.0	0.0	25.1	0.0	0.0	0.0	-	-
130.0	50.0	0.0	0.0	0.0	8.1	0.0	2.9	24.1	0.0	-	0.0	-	-
130.0	55.0	0.0	3.0	0.0	0.0	0.0	301.7	0.0	0.0	-	0.0	-	-
130.0	60.0	0.0	0.0	0.0	0.0	0.0	85.8	0.0	0.0	-	0.0	-	-
130.0	65.0	-	-	-	-	-	11.3	0.0	0.0	-	-	-	-
133.0	25.0	121.8	304.2	16.6	4.8	33.2	15.8	27.5	-	2.8	0.0	-	-
133.0	30.0	158.8	78.0	11.9	2.3	18.6	0.0	16.1	3.3	0.0	0.0	-	-
133.0	35.0	7.6	7.8	22.4	0.0	2.8	0.0	1185.6	2.2	-	0.0	-	-
133.0	40.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-

TABLE 4. (cont.)

Engraulis mordax (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	45.0	0.0	3.0	0.0	0.0	0.0	0.0	30.8	0.0	–	0.0	–	–
133.0	50.0	0.0	3.1	0.0	0.0	–	0.0	0.0	0.0	–	0.0	–	–
133.0	70.0	–	–	–	–	–	–	2.8	0.0	–	0.0	–	–
134.0	36.0	103.5	3.2	14.8	0.0	–	0.0	6.0	0.0	0.0	0.0	–	–
137.0	23.0	300.3	2158.3	2775.6	7.2	79.6	49.0	2.5	0.0	0.0	13.9	–	–
137.0	30.0	162.1	547.4	531.0	339.8	8.1	0.0	0.0	–	3.0	12.6	–	–
137.0	35.0	0.0	5.8	5.9	24.9	0.0	0.0	0.0	0.0	–	10.0	–	–
137.0	40.0	2.7	12.4	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	45.0	0.0	35.3	0.0	0.0	0.0	2.9	0.0	0.0	–	0.0	–	–
140.0	30.0	7.0	–	–	11.2	–	–	–	0.0	–	–	–	–
140.0	40.0	0.0	–	–	0.0	–	–	–	0.6	–	–	–	–
140.0	45.0	0.0	–	–	0.0	–	–	–	1.8	–	–	–	–
143.0	26.0	14.8	–	–	25.2	–	–	–	0.0	–	–	–	–
143.0	30.0	6.0	–	–	5.6	–	–	–	0.0	–	–	–	–
147.0	20.0	0.0	–	–	41.7	–	–	–	0.0	–	–	–	–
147.0	25.0	7.9	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	30.0	14.3	–	–	0.0	–	–	–	0.0	–	–	–	–

Argentina sialis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	51.0	0.0	3.6	–	0.0	0.0	–	0.0	–	–	0.0	–	–
80.0	55.0	0.0	0.0	–	0.0	0.0	3.0	0.0	0.0	–	0.0	0.0	0.0
80.0	60.0	0.0	0.0	–	0.0	0.0	3.4	0.0	0.0	–	0.0	0.0	0.0
80.0	70.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
82.0	47.0	2.9	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.5	0.0	0.0
83.0	43.0	0.0	3.1	2.7	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.5	0.0
87.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
90.0	28.0	0.0	3.3	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	29.0	2.5	0.0	0.0	0.0	6.4	0.0	0.0	0.0	–	0.0	–	–
100.0	30.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	–	1.4	–	0.0	–	–
103.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
107.0	32.0	0.0	0.0	0.0	12.7	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
117.0	30.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	–	–
118.0	39.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	–	–
120.0	35.0	4.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.9	0.0	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0	–	–
123.0	50.0	–	0.0	3.3	–	0.0	2.9	0.0	0.0	–	0.0	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	–
133.0	35.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Microstoma microstoma

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	90.0	0.0	–	–	2.8	0.0	–	3.8	–	–	0.0	–	–
73.0	57.0	–	2.2	–	–	–	–	–	–	–	–	–	–
73.0	60.0	0.0	0.0	–	0.0	0.0	–	0.0	–	–	2.5	–	–
73.0	75.0	–	–	–	–	0.0	–	6.1	–	–	–	–	–
77.0	70.0	0.0	0.0	–	0.0	0.0	0.0	12.3	–	–	0.0	0.0	0.0
77.0	85.0	–	–	–	–	0.0	0.0	3.2	–	–	–	–	–
83.0	65.0	–	–	–	0.0	3.0	3.0	0.0	0.0	–	–	–	–
83.0	75.0	–	–	–	0.0	0.0	0.0	5.9	–	–	–	–	–
87.0	55.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	60.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	2.6
87.0	70.0	–	0.0	–	0.0	3.4	0.0	0.0	0.0	–	0.0	–	–
90.0	65.0	–	–	0.0	–	0.0	2.8	0.0	0.0	0.0	–	–	–
90.0	70.0	–	0.0	0.0	0.0	3.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0
90.0	80.0	–	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0
93.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0	75.0	–	–	–	0.0	3.0	0.0	0.0	0.0	0.0	–	–	–
97.0	40.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	–	0.0	–	–
97.0	65.0	–	–	–	0.0	0.0	0.0	3.0	0.0	–	–	–	–
97.0	80.0	0.0	2.3	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	45.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

Nansenia candida

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	80.0	0.0	–	–	0.0	3.4	–	0.0	–	–	0.0	–	–
70.0	85.0	–	–	–	–	3.5	–	0.0	–	–	–	–	–
70.0	90.0	0.0	–	–	18.3	0.0	–	0.0	–	–	0.0	–	–
73.0	65.0	–	–	–	5.7	0.0	–	0.0	–	–	–	–	–
73.0	70.0	0.0	0.0	–	0.0	3.0	–	0.0	–	–	0.0	–	–
73.0	80.0	–	–	–	0.0	3.0	–	0.0	–	–	0.0	–	–
77.0	75.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
77.0	90.0	–	–	–	0.0	2.9	0.0	0.0	–	–	0.0	–	–
80.0	100.0	–	–	–	–	5.7	–	–	–	–	–	–	–
80.0	110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
87.0	60.0	–	1.5	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	75.0	–	–	–	0.0	0.0	2.8	–	0.0	–	–	–	–
87.0	80.0	–	0.0	–	0.0	0.0	3.1	0.0	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	3.1	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Nansenia crassa (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	55.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	3.0	–	0.0	–	–
110.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
113.0	35.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	–	–
113.0	40.0	–	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	60.0	2.5	0.0	0.0	2.3	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	–	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	0.0	2.9	0.0	–	–	–	–
117.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	–	–	2.7	–	–
120.0	50.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	60.0	0.0	3.1	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	–	2.7	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.9	–	–
130.0	45.0	2.8	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	55.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	45.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	45.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
143.0	35.0	0.0	–	–	2.9	–	–	–	0.0	–	–	–	–
143.0	60.0	0.0	–	–	2.9	–	–	–	0.0	–	–	–	–
150.0	55.0	2.0	–	–	–	–	–	–	0.0	–	–	–	–

Bathylagus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	50.0	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0
90.0	90.0	–	0.0	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	–	0.0
93.0	45.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	30.0	0.0	0.0	0.0	0.0	0.0	2.7	–	0.0	0.0	0.0	–	–
120.0	85.0	–	–	–	0.0	0.0	5.9	0.0	–	–	–	–	–
123.0	60.0	0.0	0.0	0.0	–	2.8	0.0	0.0	0.0	–	0.0	–	–
133.0	65.0	–	–	–	–	–	–	2.7	–	–	–	–	–

Bathylagus milleri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	53.0	–	3.1	–	–	–	–	–	–	–	–	0.0	0.0

TABLE 4. (cont.)

Bathylagus pacificus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0 55.0	0.0	3.2	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
113.0 35.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	–	–

Bathylagus wesethi

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 80.0	–	–	–	–	0.0	–	3.3	–	–	0.0	–	–
67.0 90.0	0.0	–	–	0.0	–	–	7.8	–	–	0.0	–	–
70.0 90.0	0.0	–	–	2.6	11.2	–	0.0	–	–	0.0	–	–
73.0 70.0	0.0	0.0	–	0.0	6.0	–	0.0	–	–	0.0	–	–
73.0 85.0	–	–	–	–	6.0	–	0.0	–	–	–	–	–
77.0 75.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
77.0 80.0	–	–	–	0.0	3.2	0.0	0.0	–	–	0.0	–	–
77.0 85.0	–	–	–	–	2.8	0.0	0.0	–	–	–	–	–
80.0 80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	9.1	–	0.0	–	–
80.0 85.0	–	–	–	0.0	0.0	0.0	0.0	3.3	–	–	–	–
80.0 110.0	–	–	–	–	18.4	–	–	–	–	–	–	–
80.0 145.0	–	–	–	–	5.8	–	–	–	–	–	–	–
83.0 65.0	–	–	–	0.0	3.0	8.9	0.0	0.0	–	–	–	–
83.0 70.0	0.0	0.0	–	0.0	5.5	8.6	0.0	0.0	–	0.0	–	–
83.0 75.0	–	–	–	0.0	5.5	0.0	0.0	–	–	–	–	–
83.0 85.0	–	–	–	3.0	2.9	0.0	0.0	–	–	–	–	–
83.0 90.0	0.0	0.0	–	15.9	3.0	2.9	2.5	0.0	–	0.0	–	–
87.0 35.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0 55.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.5	48.1	0.0
87.0 65.0	–	–	–	0.0	0.0	0.0	3.2	0.0	–	–	–	–
87.0 70.0	–	0.0	–	0.0	0.0	0.0	0.0	9.7	–	0.0	–	–
87.0 75.0	–	–	–	0.0	9.1	2.8	–	6.6	–	–	–	–
87.0 80.0	–	0.0	–	14.8	0.0	6.1	0.0	0.0	–	0.0	–	–
87.0 85.0	–	–	–	6.0	5.9	0.0	0.0	0.0	–	–	–	–
87.0 90.0	–	0.0	–	2.8	5.9	5.5	0.0	18.7	–	0.0	–	–
90.0 55.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
90.0 60.0	–	0.0	0.0	0.0	0.0	19.8	0.0	3.1	0.0	0.0	0.0	0.0
90.0 65.0	–	–	0.0	–	0.0	0.0	3.2	2.5	0.0	–	–	–
90.0 70.0	–	0.0	0.0	5.8	3.0	0.0	12.2	12.0	0.0	0.0	0.0	0.0
90.0 75.0	–	–	–	8.4	0.0	0.0	0.0	12.6	11.1	–	–	–
90.0 80.0	–	1.5	0.0	0.0	6.8	0.0	0.0	9.6	9.7	0.0	0.0	0.0
90.0 85.0	–	–	–	0.0	9.3	–	0.0	7.8	10.9	–	–	–
90.0 90.0	–	0.0	0.0	2.8	2.8	–	0.0	0.0	5.2	8.4	–	0.0
90.0 120.0	–	–	–	–	2.9	–	–	–	0.0	–	–	–
90.0 130.0	–	–	–	–	2.8	–	–	–	–	–	–	–
90.0 145.0	–	–	–	–	2.8	–	–	–	–	–	–	–
93.0 50.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	5.4	0.0	2.8	0.0
93.0 60.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
93.0 65.0	–	–	–	8.3	0.0	0.0	0.0	0.0	16.6	–	–	–

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	70.0	0.0	–	2.3	0.0	0.0	6.0	2.8	6.5	7.8	3.3	0.0	0.0
93.0	75.0	–	–	–	2.9	0.0	2.8	0.0	9.3	24.4	–	–	–
93.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	0.0	0.0
93.0	85.0	–	–	–	0.0	0.0	0.0	8.9	6.1	10.2	–	–	–
93.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	9.7	5.5	–	–	0.0
93.0	100.0	–	–	–	–	–	–	–	–	0.0	–	–	6.0
93.0	110.0	–	–	–	–	–	–	–	–	2.7	–	–	–
97.0	35.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	2.9	–	0.0	–	–
97.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
97.0	55.0	0.0	0.0	0.0	–	0.0	5.9	–	0.0	–	0.0	–	–
97.0	60.0	2.7	0.0	0.0	2.8	2.9	43.5	8.5	0.0	–	0.0	–	–
97.0	65.0	–	–	–	0.0	2.8	13.5	8.9	0.0	–	–	–	–
97.0	70.0	0.0	0.0	–	8.5	8.8	71.1	21.8	0.0	–	0.0	–	–
97.0	75.0	–	–	–	10.8	0.0	0.0	0.0	0.0	–	–	–	–
97.0	80.0	14.8	0.0	–	0.0	0.0	0.0	5.6	6.5	–	0.0	–	–
97.0	85.0	–	–	–	0.0	0.0	7.0	0.0	0.0	–	–	–	–
97.0	90.0	2.5	0.0	–	0.0	0.0	0.0	0.0	9.0	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–
100.0	35.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	–	0.0	–	–
100.0	40.0	–	0.0	5.2	0.0	0.0	3.5	0.0	2.9	–	5.6	–	–
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.6	–	0.0	–	–
100.0	50.0	0.0	0.0	2.5	0.0	12.2	0.0	14.1	52.0	–	3.0	–	–
100.0	55.0	–	0.0	0.0	0.0	25.9	23.0	34.9	58.7	–	9.1	–	–
100.0	60.0	0.0	0.0	0.0	2.8	10.2	9.1	14.5	28.8	–	0.0	–	–
100.0	65.0	–	–	–	0.0	0.0	27.4	–	16.0	–	–	–	–
100.0	70.0	8.5	0.0	–	0.0	0.0	0.0	13.1	3.2	–	3.0	–	–
100.0	75.0	–	–	–	0.0	0.0	11.9	9.8	6.3	–	–	–	–
100.0	80.0	0.0	0.0	–	2.7	0.0	10.0	0.0	6.7	–	0.0	–	–
100.0	85.0	–	–	–	0.0	0.0	0.0	0.0	9.4	–	–	–	–
103.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	–	4.4	–	0.0	–	–
103.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.9	–	0.0	–	–
103.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	5.7	–	0.0	–	–
103.0	50.0	0.0	0.0	0.0	0.0	6.2	5.7	5.9	50.6	–	0.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	57.4	–	0.0	–	–
103.0	60.0	0.0	0.0	0.0	0.0	11.8	31.2	0.0	17.9	–	2.8	–	–
103.0	65.0	–	–	–	0.0	0.0	39.6	0.0	45.0	–	–	–	–
103.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	–	0.0	–	–
103.0	75.0	–	–	–	0.0	0.0	6.1	0.0	0.0	–	–	–	–
103.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.5	–	0.0	–	–
103.0	85.0	–	–	–	0.0	0.0	0.0	2.8	3.2	–	–	–	–
103.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
107.0	32.0	0.0	0.0	0.0	0.0	5.5	11.1	0.0	3.3	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	2.9	–	0.0	–	–
107.0	40.0	2.5	0.0	0.0	2.4	28.5	13.0	8.3	9.0	–	0.0	–	–
107.0	45.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	23.0	–	0.0	–	–
107.0	50.0	0.0	0.0	2.6	0.0	0.0	0.0	8.0	10.0	–	0.0	–	–

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	55.0	0.0	0.0	2.7	0.0	0.0	3.0	0.0	6.4	–	–	–	–
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	–	0.0	–	–
107.0	70.0	0.0	–	0.0	0.0	0.0	0.0	2.8	9.2	–	0.0	–	–
107.0	75.0	–	–	–	0.0	0.0	0.0	2.8	30.2	–	–	–	–
107.0	80.0	2.4	–	0.0	0.0	0.0	0.0	2.8	15.2	–	3.0	–	–
107.0	85.0	–	–	–	0.0	0.0	0.0	2.7	3.3	–	–	–	–
110.0	35.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	11.0	0.0	0.0	–	–
110.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	–	–
110.0	50.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	3.2	–	0.0	–	–
110.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	–	0.0	–	–
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	–	0.0	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	6.3	–	2.5	–	–
110.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
110.0	85.0	–	–	–	0.0	0.0	0.0	18.1	–	–	–	–	–
110.0	90.0	0.0	0.0	0.0	–	0.0	0.0	9.6	–	–	0.0	–	–
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.4	0.0	0.0	–	–
113.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	–	–
113.0	40.0	–	0.0	0.0	4.7	0.0	0.0	17.7	0.0	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	5.4	2.8	10.4	–	0.0	–	–
113.0	50.0	0.0	0.0	0.0	2.6	0.0	0.0	2.7	5.9	–	0.0	–	–
113.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	–	0.0	–	–
113.0	65.0	–	0.0	0.0	2.1	0.0	0.0	9.0	0.0	–	–	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	19.5	–	0.0	–	–
113.0	75.0	–	–	–	0.0	0.0	2.7	3.2	18.5	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	3.0	12.8	–	3.0	–	–
113.0	90.0	0.0	–	–	0.0	0.0	0.0	2.9	–	–	0.0	–	–
115.0	40.0	–	–	–	–	–	–	–	–	2.3	–	–	–
117.0	35.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	2.9	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	19.4	0.0	0.0	2.9	0.0	0.0	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
117.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	6.0	–	–	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.8	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	0.0	5.7	–	–	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	–	–
120.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	10.8	–	–
120.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	8.2	–	–
120.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–	2.9	–	–
121.2	34.0	–	–	–	–	–	–	–	–	2.9	–	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	5.9	0.0	0.0	0.0	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	2.8	–	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	5.5	0.0	–	2.5	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	2.6	0.0	0.0	0.0	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	2.7	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Bathylagus wesethi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	55.0	–	0.0	0.0	–	0.0	5.5	0.0	0.0	–	2.6	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	2.9	0.0	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	3.1	–	–	–	–
127.0	70.0	0.0	–	–	–	2.8	2.8	0.0	0.0	–	0.0	–	–
130.0	70.0	–	–	–	–	–	2.9	0.0	0.0	–	0.0	–	–
133.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	–	0.0	–	–
137.0	60.0	0.0	–	–	0.0	–	–	2.6	–	–	0.0	–	–
153.0	16.0	0.0	–	–	–	–	–	–	1.7	–	–	–	–
157.0	15.0	3.2	–	–	–	–	–	–	–	–	–	–	–

Leuroglossus stilbius

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	–	–	–	44.5	–	0.0	–	–	0.0	–	–
60.0	60.0	0.0	–	–	0.0	28.3	–	3.0	–	–	0.0	–	–
60.0	65.0	–	–	–	0.0	12.2	–	0.0	–	–	–	–	–
60.0	70.0	0.0	–	–	16.4	12.1	–	0.0	–	–	0.0	–	–
60.0	90.0	0.0	–	–	43.2	0.0	–	0.0	–	–	0.0	–	–
63.0	55.0	2.9	–	–	32.6	0.0	–	0.0	–	–	0.0	–	–
63.0	60.0	0.0	–	–	33.2	0.0	–	0.0	–	–	0.0	–	–
63.0	65.0	–	–	–	–	11.5	–	0.0	–	–	–	–	–
63.0	70.0	0.0	–	–	–	0.0	–	3.3	–	–	0.0	–	–
63.0	75.0	–	–	–	–	18.3	–	0.0	–	–	–	–	–
63.0	85.0	–	–	–	–	6.3	–	0.0	–	–	–	–	–
63.0	90.0	0.0	–	–	8.5	0.0	–	0.0	–	–	0.0	–	–
67.0	50.0	0.0	–	–	0.0	6.1	–	0.0	–	–	0.0	–	–
67.0	55.0	2.8	–	–	7.6	47.2	–	0.0	–	–	0.0	–	–
67.0	60.0	2.8	–	–	16.4	10.3	–	0.0	–	–	0.0	–	–
67.0	65.0	–	–	–	–	12.5	–	0.0	–	–	–	–	–
67.0	70.0	3.0	–	–	–	0.0	–	0.0	–	–	0.0	–	–
67.0	75.0	–	–	–	–	12.0	–	0.0	–	–	–	–	–
67.0	80.0	–	–	–	–	3.0	–	0.0	–	–	0.0	–	–
70.0	52.0	–	–	–	46.4	0.0	–	0.0	–	–	0.0	–	–
70.0	55.0	0.0	–	–	94.0	11.8	–	0.0	–	–	0.0	–	–
70.0	60.0	0.0	–	–	72.2	18.5	–	0.0	–	–	0.0	–	–
70.0	65.0	–	–	–	126.8	–	–	3.1	–	–	–	–	–
70.0	70.0	0.0	–	–	34.2	–	–	0.0	–	–	0.0	–	–
70.0	75.0	–	–	–	–	21.9	–	0.0	–	–	–	–	–
70.0	80.0	0.0	–	–	13.1	10.2	–	0.0	–	–	0.0	–	–
70.0	90.0	0.0	–	–	0.0	0.0	–	3.1	–	–	0.0	–	–
73.0	51.0	0.0	43.6	–	45.3	16.0	–	0.0	–	–	0.0	–	–
73.0	53.0	–	40.9	–	–	–	–	–	–	–	–	–	–
73.0	55.0	8.4	25.0	–	8.4	0.0	–	3.1	–	–	0.0	–	–
73.0	57.0	–	24.2	–	–	–	–	–	–	–	–	–	–
73.0	60.0	48.2	21.5	–	8.7	0.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	65.0	–	–	–	11.5	3.4	–	12.3	–	–	–	–	–
73.0	70.0	0.0	3.2	–	44.4	12.1	–	19.4	–	–	0.0	–	–
73.0	75.0	–	–	–	–	3.0	–	0.0	–	–	–	–	–
73.0	80.0	–	–	–	5.8	0.0	–	3.3	–	–	0.0	–	–
77.0	50.0	0.0	2.6	–	8.7	2.6	0.0	0.0	0.0	–	0.0	–	–
77.0	53.0	–	75.6	–	–	–	–	–	–	–	–	0.0	0.0
77.0	55.0	129.3	339.2	–	45.9	–	0.0	0.0	0.0	–	0.0	0.0	0.0
77.0	57.0	–	3.0	–	–	–	–	–	–	–	–	–	–
77.0	60.0	18.6	3.3	–	34.8	11.1	0.0	0.0	0.0	–	0.0	0.0	0.0
77.0	65.0	–	–	–	0.0	3.0	3.3	0.0	–	–	–	–	–
77.0	70.0	0.0	0.0	–	0.0	26.8	0.0	0.0	–	–	0.0	0.0	0.0
77.0	75.0	–	–	–	–	8.9	–	0.0	–	–	–	–	–
77.0	80.0	–	–	–	0.0	6.4	3.7	0.0	–	–	0.0	–	–
77.0	85.0	–	–	–	–	2.8	0.0	3.2	–	–	–	–	–
77.0	90.0	–	–	–	0.0	5.7	2.9	0.0	–	–	0.0	–	–
80.0	52.0	36.3	–	–	15.5	11.8	2.7	0.0	0.0	–	0.0	–	–
80.0	53.0	–	117.8	–	–	–	–	–	–	–	–	0.0	0.0
80.0	55.0	33.1	416.7	–	252.0	142.3	18.2	6.4	0.0	–	0.0	0.0	0.0
80.0	57.0	–	236.1	–	–	–	–	–	–	–	–	–	–
80.0	60.0	5.5	50.5	–	38.0	103.4	34.1	7.0	0.0	–	0.0	0.0	0.0
80.0	65.0	–	–	–	15.3	16.3	8.6	0.0	–	–	–	–	–
80.0	70.0	0.0	0.0	–	3.0	13.9	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	2.9	5.7	5.8	2.8	0.0	–	–	–	–
80.0	80.0	0.0	9.3	–	0.0	41.1	0.0	0.0	0.0	–	0.0	–	–
80.0	85.0	–	–	–	0.0	2.9	0.0	3.1	0.0	–	–	–	–
80.0	90.0	0.0	0.0	–	2.8	4.8	6.5	0.0	0.0	–	0.0	–	–
80.0	110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
82.0	47.0	69.6	14.1	–	3.3	10.8	2.4	0.0	0.0	–	0.0	0.0	0.0
83.0	40.0	7.8	39.1	0.0	1.6	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	43.0	22.6	149.8	40.8	6.0	2.6	3.0	0.0	0.0	–	0.0	0.0	0.0
83.0	51.0	9.1	641.8	–	41.0	2.4	2.5	0.0	0.0	–	0.0	0.0	0.0
83.0	55.0	40.7	145.4	–	32.5	2.8	12.8	0.0	0.0	–	0.0	0.0	0.0
83.0	60.0	0.0	30.5	–	17.1	30.3	14.9	0.0	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	11.3	62.0	8.9	5.7	0.0	–	–	–	–
83.0	70.0	0.0	177.6	–	0.0	55.0	11.5	7.1	0.0	–	0.0	–	–
83.0	75.0	–	–	–	8.3	2.7	12.3	2.9	–	–	–	–	–
83.0	80.0	0.0	0.0	–	3.0	0.0	2.9	0.0	2.3	–	0.0	–	–
83.0	85.0	–	–	–	0.0	5.9	6.1	0.0	–	–	–	–	–
87.0	35.0	0.0	8.6	23.5	6.0	2.6	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	40.0	27.0	63.0	3.0	6.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	45.0	–	–	74.2	33.5	15.1	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	50.0	3.0	93.9	10.0	10.3	5.9	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	55.0	3.2	2.5	–	9.4	12.1	0.0	19.1	0.0	–	0.0	0.0	0.0
87.0	60.0	–	28.4	–	39.4	3.1	6.1	0.0	0.0	–	0.0	0.0	0.0
87.0	65.0	–	–	–	51.3	20.5	26.7	6.3	0.0	–	–	–	–
87.0	70.0	–	16.7	–	0.0	13.6	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	75.0	–	–	–	5.8	3.0	0.0	–	0.0	–	–	–	–
87.0	80.0	–	0.0	–	0.0	0.0	3.1	0.0	0.0	–	0.0	–	–
90.0	28.0	0.0	6.5	2.4	2.7	110.7	0.0	0.0	0.0	0.0	0.0	5.0	0.0
90.0	32.0	2.8	16.2	–	2.9	53.6	0.0	0.0	0.0	0.0	0.0	–	0.0
90.0	37.0	11.1	0.0	0.0	0.0	2.9	0.0	3.0	0.0	0.0	0.0	0.0	0.0
90.0	45.0	0.0	3.1	35.5	77.8	0.0	8.9	2.8	0.0	0.0	0.0	0.0	0.0
90.0	50.0	0.0	17.3	43.2	2.8	0.0	8.5	–	0.0	0.0	0.0	0.0	0.0
90.0	55.0	0.0	0.0	4.2	26.1	0.0	11.5	0.0	0.0	0.0	0.0	2.7	0.0
90.0	60.0	–	0.0	0.0	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	–	–	0.0	–	3.1	0.0	3.2	0.0	0.0	–	–	–
90.0	70.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	34.1	0.0
90.0	75.0	–	–	–	0.0	0.0	4.2	0.0	0.0	0.0	–	–	–
90.0	110.0	–	–	–	–	0.0	–	–	–	2.9	–	–	–
93.0	28.0	–	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	30.0	0.0	0.0	0.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	35.0	0.0	0.0	0.0	6.1	2.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	2.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	45.0	0.0	3.0	31.9	23.3	2.9	0.0	0.0	0.0	0.0	0.0	10.1	0.0
93.0	50.0	0.0	5.6	46.7	2.9	0.0	3.3	0.0	0.0	0.0	0.0	2.8	0.0
93.0	55.0	0.0	8.8	67.4	17.0	7.2	9.6	0.0	0.0	0.0	0.0	6.1	0.0
93.0	65.0	–	–	–	2.8	0.0	0.0	0.0	0.0	0.0	–	–	–
93.0	70.0	0.0	–	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
93.0	75.0	–	–	–	2.9	0.0	0.0	0.0	0.0	0.0	–	–	–
97.0	32.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	35.0	0.0	0.0	5.0	2.9	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	40.0	0.0	0.0	0.0	8.7	5.5	10.7	0.0	0.0	–	0.0	–	–
97.0	45.0	0.0	0.0	0.0	57.6	15.4	3.2	2.9	0.0	–	0.0	–	–
97.0	50.0	0.0	0.0	0.0	56.0	2.9	0.0	0.0	0.0	–	0.0	–	–
100.0	29.0	0.0	2.3	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	–	0.0	–	–
100.0	40.0	–	0.0	0.0	0.0	9.9	7.1	0.0	0.0	–	0.0	–	–
100.0	85.0	–	–	–	0.0	0.0	0.0	3.3	0.0	–	–	–	–
103.0	35.0	0.0	0.0	0.0	5.5	17.1	0.0	–	0.0	–	0.0	–	–
103.0	45.0	0.0	0.0	0.0	0.0	18.7	0.0	0.0	0.0	–	0.0	–	–
103.0	50.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0	–	–
107.0	32.0	0.0	0.0	2.7	3.2	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	35.0	0.0	0.0	5.1	10.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
107.0	45.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	–	–
110.0	35.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	40.0	0.0	0.0	3.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	50.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–

TABLE 4. (cont.)

Leuroglossus stilbius (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	30.0	0.0	0.0	0.0	7.1	2.8	0.0	–	0.0	0.0	0.0	–	–
113.0	35.0	0.0	0.0	0.0	26.7	38.8	2.8	0.0	0.0	0.0	0.0	–	–
113.0	40.0	–	0.0	0.0	7.0	2.9	5.6	0.0	0.0	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	–	0.0	–	–
113.0	55.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	–	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	–	0.0	–	–
117.0	35.0	0.0	0.0	0.0	2.5	6.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	–	–
120.0	30.0	0.0	0.0	0.0	0.0	–	2.8	0.0	0.0	0.0	0.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	–	–
120.0	50.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
120.0	55.0	0.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	–	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	5.9	0.0	0.0	0.0	0.0	–	–
123.0	45.0	0.0	0.0	0.0	–	0.0	11.8	0.0	–	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	0.0	2.8	0.0	–	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	3.4	0.0	0.0	0.0	0.0	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	2.8	0.0	0.0	0.0	0.0	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	2.7	0.0	0.0	0.0	–	0.0	–	–
130.0	35.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	–	–
137.0	30.0	0.0	0.0	5.9	5.5	0.0	2.8	0.0	–	0.0	0.0	–	–
137.0	35.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

Stomiiformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	90.0	–	–	–	–	–	–	–	–	–	2.0	–	–
87.0	70.0	–	0.0	–	3.0	0.0	0.0	0.0	0.0	–	0.0	–	–
90.0	120.0	–	–	–	–	2.9	–	–	–	0.0	–	–	–
97.0	75.0	–	–	–	2.7	0.0	0.0	0.0	0.0	–	–	–	–
100.0	50.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.3	–	–
107.0	70.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
120.0	60.0	0.0	0.0	0.0	0.0	2.8	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	2.8	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	5.6	0.0	0.0	0.0	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
147.0	30.0	0.0	–	–	0.0	–	–	–	2.0	–	–	–	–

TABLE 4. (cont.)

Cyclothone spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	80.0	-	-	-	-	-	-	0.0	-	-	17.6	-	-
60.0	60.0	0.0	-	-	0.0	0.0	-	0.0	-	-	1.9	-	-
63.0	90.0	0.0	-	-	11.4	0.0	-	0.0	-	-	0.0	-	-
67.0	90.0	0.0	-	-	3.0	-	-	0.0	-	-	5.2	-	-
70.0	75.0	-	-	-	-	2.7	-	0.0	-	-	-	-	-
70.0	85.0	-	-	-	-	0.0	-	6.9	-	-	-	-	-
73.0	70.0	0.0	0.0	-	0.0	6.0	-	0.0	-	-	0.0	-	-
73.0	75.0	-	-	-	-	6.1	-	0.0	-	-	-	-	-
73.0	80.0	-	-	-	0.0	3.0	-	0.0	-	-	0.0	-	-
77.0	65.0	-	-	-	22.7	0.0	0.0	0.0	-	-	-	-	-
77.0	85.0	-	-	-	-	0.0	2.4	0.0	-	-	-	-	-
80.0	100.0	-	-	-	-	8.6	-	-	-	-	-	-	-
80.0	110.0	-	-	-	-	6.1	-	-	-	-	-	-	-
80.0	120.0	-	-	-	-	5.8	-	-	-	-	-	-	-
83.0	60.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	65.0	-	-	-	0.0	5.9	5.9	0.0	0.0	-	-	-	-
83.0	70.0	0.0	1.2	-	0.0	16.5	2.9	0.0	0.0	-	0.0	-	-
83.0	85.0	-	-	-	8.9	2.9	0.0	0.0	-	-	-	-	-
83.0	90.0	0.0	0.0	-	6.3	0.0	0.0	0.0	0.0	-	0.0	-	-
87.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	2.5	0.0
87.0	60.0	-	0.0	-	0.0	0.0	0.0	3.0	0.0	-	0.0	0.0	0.0
87.0	70.0	-	1.5	-	0.0	0.0	0.0	2.2	3.2	-	0.0	-	-
87.0	75.0	-	-	-	0.0	18.2	2.8	-	3.3	-	-	-	-
87.0	80.0	-	0.0	-	3.0	0.0	6.1	0.0	3.2	-	0.0	-	-
87.0	85.0	-	-	-	3.0	3.0	0.0	0.0	0.0	-	-	-	-
87.0	90.0	-	0.0	-	8.5	0.0	0.0	0.0	0.0	-	0.0	-	-
90.0	60.0	-	0.0	0.0	0.0	12.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	-	-	0.0	-	12.3	0.0	0.0	0.0	0.0	-	-	-
90.0	70.0	-	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	75.0	-	-	-	28.1	0.0	0.0	0.0	3.1	2.8	-	-	-
90.0	80.0	-	0.0	0.0	2.9	3.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0	85.0	-	-	-	5.8	3.1	-	3.0	2.6	0.0	-	-	-
90.0	90.0	-	1.5	6.7	5.6	2.8	-	0.0	6.0	2.6	0.0	-	2.9
90.0	100.0	-	-	-	-	2.8	-	-	-	2.9	-	-	0.0
90.0	110.0	-	-	-	-	5.8	-	-	-	0.0	-	-	-
90.0	120.0	-	-	-	-	11.6	-	-	-	4.9	-	-	-
90.0	130.0	-	-	-	-	8.5	-	-	-	-	-	-	-
90.0	145.0	-	-	-	-	11.4	-	-	-	-	-	-	-
93.0	45.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	8.9	0.0	0.0	0.0	0.0
93.0	55.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	2.8	0.0	0.0	0.0
93.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0
93.0	65.0	-	-	-	2.8	0.0	0.0	0.0	0.0	5.5	-	-	-
93.0	70.0	5.0	-	0.0	14.1	3.0	0.0	0.0	3.3	0.0	0.0	2.9	2.9
93.0	75.0	-	-	-	2.9	6.1	0.0	5.4	0.0	13.6	-	-	-
93.0	80.0	8.3	2.7	0.0	11.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	3.0

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	85.0	-	-	-	2.9	0.0	3.1	5.9	9.2	10.2	-	-	-
93.0	90.0	8.1	0.0	0.0	0.0	15.5	0.0	0.0	9.7	8.3	-	-	0.0
93.0	100.0	-	-	-	-	-	-	-	-	5.6	-	-	6.0
93.0	110.0	-	-	-	-	-	-	-	-	21.8	-	-	-
97.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	2.9	-	-
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	11.7	-	-
97.0	55.0	2.8	0.0	0.0	-	3.0	0.0	-	0.0	-	0.0	-	-
97.0	60.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	65.0	-	-	-	2.9	0.0	0.0	0.0	0.0	-	-	-	-
97.0	70.0	0.0	5.3	-	2.8	0.0	6.5	0.0	0.0	-	0.0	-	-
97.0	75.0	-	-	-	2.7	0.0	3.0	8.6	0.0	-	-	-	-
97.0	80.0	8.9	4.6	-	2.8	0.0	2.6	5.6	0.0	-	0.0	-	-
97.0	85.0	-	-	-	0.0	2.8	0.0	3.0	3.0	-	-	-	-
97.0	90.0	7.4	0.0	-	0.0	0.0	0.0	5.5	3.0	-	29.7	-	-
100.0	40.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.6	-	-
100.0	45.0	0.0	0.0	4.9	0.0	0.0	2.8	0.0	0.0	-	2.8	-	-
100.0	50.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	-	3.0	-	-
100.0	55.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	18.2	-	-
100.0	60.0	0.0	0.0	2.3	0.0	6.8	0.0	2.9	6.4	-	0.0	-	-
100.0	70.0	5.6	2.5	-	0.0	0.0	0.0	0.0	12.8	-	0.0	-	-
100.0	75.0	-	-	-	5.7	0.0	0.0	0.0	6.3	-	-	-	-
100.0	80.0	0.0	13.2	-	5.5	2.8	6.7	0.0	6.7	-	0.0	-	-
100.0	85.0	-	-	-	0.0	0.0	9.8	0.0	6.3	-	-	-	-
100.0	90.0	0.0	12.0	-	0.0	13.2	0.0	0.0	6.3	-	9.4	-	-
103.0	40.0	0.0	0.0	2.5	0.0	0.0	0.0	-	1.5	-	0.0	-	-
103.0	45.0	0.0	5.3	2.3	0.0	0.0	0.0	2.9	11.3	-	28.2	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	25.3	-	5.6	-	-
103.0	55.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	18.1	-	8.0	-	-
103.0	60.0	0.0	0.0	0.0	7.9	0.0	2.8	0.0	23.9	-	22.7	-	-
103.0	65.0	-	-	-	0.0	0.0	5.7	0.0	36.0	-	-	-	-
103.0	70.0	5.8	6.9	4.9	0.0	0.0	2.9	0.0	0.0	-	0.0	-	-
103.0	75.0	-	-	-	5.7	0.0	0.0	2.8	5.2	-	-	-	-
103.0	80.0	10.8	-	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
103.0	85.0	-	-	-	0.0	0.0	0.0	2.8	15.8	-	-	-	-
103.0	90.0	18.5	-	-	2.8	3.0	0.0	5.4	6.6	-	9.0	-	-
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.5	-	-
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.9	-	5.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0	12.0	-	4.8	-	-
107.0	45.0	0.0	2.4	0.0	9.8	4.9	0.0	0.0	13.1	-	0.0	-	-
107.0	50.0	0.0	4.6	5.2	10.3	0.0	0.0	0.0	3.3	-	12.1	-	-
107.0	55.0	0.0	1.9	0.0	12.8	6.1	0.0	5.2	3.2	-	-	-	-
107.0	60.0	0.0	0.0	2.5	2.8	0.0	0.0	35.6	0.0	-	0.0	-	-
107.0	65.0	-	-	-	0.0	3.0	8.9	20.4	6.5	-	-	-	-
107.0	70.0	0.0	-	0.0	2.9	3.2	0.0	24.9	9.2	-	22.5	-	-
107.0	75.0	-	-	-	0.0	3.0	0.0	8.3	21.1	-	-	-	-
107.0	80.0	7.2	-	2.8	0.0	0.0	0.0	2.8	48.6	-	24.2	-	-

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	85.0	–	–	–	5.0	0.0	2.9	0.0	87.8	–	–	–	–
107.0	90.0	0.0	–	–	5.7	0.0	0.0	0.0	27.3	–	41.7	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.9	0.0	–	–
110.0	40.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	2.5	–	–
110.0	45.0	2.0	0.0	0.0	7.7	12.6	2.8	0.0	0.0	–	5.7	–	–
110.0	50.0	0.0	6.2	0.0	0.0	24.3	0.0	0.0	3.2	–	2.8	–	–
110.0	55.0	2.8	11.8	0.0	0.0	0.0	0.0	0.0	8.9	–	5.7	–	–
110.0	60.0	0.0	9.4	2.7	2.7	0.0	5.3	0.0	72.2	–	10.2	–	–
110.0	65.0	–	0.0	2.8	0.0	0.0	0.0	4.8	12.6	–	–	–	–
110.0	70.0	2.4	0.0	0.0	0.0	0.0	0.0	2.6	0.0	–	12.4	–	–
110.0	75.0	–	–	–	0.0	11.4	8.2	8.3	0.0	–	–	–	–
110.0	80.0	17.1	5.9	0.0	0.0	2.9	2.8	65.8	3.2	–	0.0	–	–
110.0	85.0	–	–	–	0.0	0.0	8.3	10.4	–	–	–	–	–
110.0	90.0	4.1	0.0	3.0	–	0.0	5.8	7.2	–	–	11.3	–	–
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.1	0.0	–	–
113.0	35.0	0.0	6.2	0.0	0.0	0.0	0.0	2.8	22.6	0.0	0.0	–	–
113.0	40.0	–	6.0	3.0	0.0	0.0	2.8	0.0	13.8	5.4	5.5	–	–
113.0	45.0	2.1	10.2	0.0	5.1	0.0	0.0	8.5	3.5	–	5.9	–	–
113.0	50.0	3.0	2.9	0.0	0.0	0.0	5.2	0.0	23.4	–	2.7	–	–
113.0	55.0	2.1	0.0	0.0	0.0	2.9	2.7	3.0	0.0	–	3.1	–	–
113.0	60.0	0.0	0.0	2.7	2.3	0.0	0.0	3.0	2.7	–	0.0	–	–
113.0	65.0	–	3.0	0.0	0.0	3.2	0.0	12.0	6.0	–	–	–	–
113.0	70.0	0.0	0.0	0.0	3.4	2.8	7.4	3.0	39.0	–	5.4	–	–
113.0	75.0	–	–	–	0.0	2.9	0.0	15.8	49.4	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	47.7	51.4	–	27.2	–	–
113.0	85.0	–	–	–	0.0	0.0	0.0	18.0	–	–	–	–	–
113.0	90.0	14.9	–	–	0.0	0.0	0.0	2.9	–	–	9.2	–	–
115.0	35.0	–	–	–	–	–	–	–	–	2.8	–	–	–
117.0	26.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	6.5	0.0	0.0	–	–
117.0	45.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	22.6	–	0.0	–	–
117.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
117.0	55.0	8.5	0.0	0.0	0.0	11.8	0.0	0.0	0.0	–	2.6	–	–
117.0	60.0	16.1	5.0	2.9	7.7	0.0	3.0	0.0	3.0	–	3.0	–	–
117.0	65.0	–	14.1	0.0	5.7	0.0	6.2	0.0	0.0	–	–	–	–
117.0	70.0	10.3	5.6	0.0	0.0	0.0	0.0	0.0	8.9	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	4.7	8.6	–	–	–	–
117.0	80.0	2.9	–	0.0	0.0	0.0	0.0	5.8	11.6	–	3.0	–	–
117.0	85.0	–	–	–	0.0	2.9	0.0	0.0	–	–	–	–	–
117.0	90.0	2.5	–	–	2.8	0.0	3.0	2.6	–	–	10.8	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	–
118.5	25.0	–	–	–	–	–	–	–	–	2.8	–	–	–
120.0	50.0	0.0	5.8	0.0	2.7	0.0	2.8	0.0	2.7	–	0.0	–	–
120.0	55.0	5.0	0.0	0.0	5.6	0.0	2.8	0.0	0.0	–	0.0	–	–
120.0	60.0	0.0	3.1	2.9	9.8	0.0	0.0	0.0	0.0	–	2.7	–	–

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	65.0	-	0.0	2.8	10.2	5.6	0.0	0.0	3.3	-	-	-	-
120.0	70.0	2.7	0.0	0.0	0.0	0.0	17.9	0.0	0.0	-	10.8	-	-
120.0	75.0	-	-	-	0.0	-	0.0	21.7	7.8	-	-	-	-
120.0	80.0	7.7	0.0	0.0	0.0	2.6	0.0	11.3	40.2	-	5.5	-	-
120.0	85.0	-	-	-	0.0	3.3	0.0	5.1	-	-	-	-	-
120.0	90.0	2.8	0.0	0.0	0.0	0.0	9.2	2.7	-	-	2.9	-	-
120.7	26.0	-	-	-	-	-	-	-	-	1.8	-	-	-
123.0	37.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	-	-
123.0	42.0	2.4	1.4	0.0	-	8.9	11.8	0.0	0.0	2.9	0.0	-	-
123.0	45.0	0.0	0.0	0.0	-	5.6	0.0	0.0	-	0.0	0.0	-	-
123.0	50.0	-	0.0	0.0	-	5.9	0.0	0.0	0.0	-	0.0	-	-
123.0	55.0	-	0.0	3.0	-	5.8	2.8	0.0	0.0	-	0.0	-	-
123.0	60.0	7.5	0.0	0.0	-	5.6	0.0	0.0	0.0	-	10.1	-	-
123.0	70.0	0.0	-	-	-	3.5	2.9	2.7	5.7	-	22.9	-	-
123.0	80.0	2.6	-	-	-	-	-	-	-	-	-	-	-
127.0	45.0	2.3	0.0	0.0	-	0.0	13.2	0.0	0.0	5.1	0.0	-	-
127.0	50.0	0.0	0.0	0.0	-	2.7	5.8	11.2	3.2	-	2.8	-	-
127.0	55.0	-	0.0	0.0	-	2.5	27.6	8.5	0.0	-	0.0	-	-
127.0	60.0	0.0	0.0	0.0	-	0.0	10.6	11.6	2.8	-	2.8	-	-
127.0	65.0	-	-	-	-	0.0	2.8	35.0	12.4	-	-	-	-
127.0	70.0	0.0	-	-	-	2.8	0.0	41.9	5.7	-	8.9	-	-
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	-	-
130.0	40.0	0.0	0.0	5.7	0.0	5.3	0.0	0.0	3.4	0.0	0.0	-	-
130.0	45.0	0.0	0.0	5.6	2.9	0.0	2.8	0.0	5.3	2.9	0.0	-	-
130.0	50.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	1.0	-	0.0	-	-
130.0	55.0	1.9	9.1	3.0	3.0	2.7	2.7	0.0	1.0	-	0.0	-	-
130.0	60.0	0.0	2.7	0.0	0.0	8.0	3.0	10.8	2.8	-	0.0	-	-
130.0	65.0	-	-	-	-	-	5.7	2.9	1.2	-	-	-	-
130.0	70.0	-	-	-	-	-	2.9	2.5	0.0	-	2.8	-	-
133.0	40.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	1.1	-	0.0	-	-
133.0	45.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	2.0	-	0.0	-	-
133.0	50.0	0.0	0.0	3.1	0.0	-	0.0	0.0	1.7	-	0.0	-	-
133.0	55.0	0.0	-	-	0.0	-	-	0.0	6.1	-	4.9	-	-
133.0	60.0	0.0	-	-	2.5	-	-	0.0	5.2	-	0.0	-	-
133.0	65.0	-	-	-	-	-	-	5.5	-	-	-	-	-
133.0	70.0	-	-	-	-	-	-	22.6	0.0	-	5.4	-	-
137.0	30.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-
137.0	40.0	0.0	0.0	2.9	2.7	0.0	0.0	0.0	0.0	-	0.0	-	-
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	-	0.0	-	-
137.0	50.0	0.0	0.0	2.9	0.0	27.0	0.0	14.3	2.3	-	0.0	-	-
137.0	55.0	0.0	-	-	0.0	-	-	5.1	0.0	-	0.0	-	-
137.0	60.0	0.0	-	-	0.0	-	-	7.9	-	-	0.0	-	-
137.0	65.0	-	-	-	-	-	-	13.8	-	-	-	-	-
137.0	70.0	2.2	-	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	75.0	-	-	-	-	-	-	11.4	-	-	-	-	-
137.0	80.0	2.5	-	-	0.0	-	-	2.7	-	-	-	-	-

TABLE 4. (cont.)

Cyclothone spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	45.0	2.5	–	–	0.0	–	–	–	0.0	–	–	–	–
140.0	50.0	0.0	–	–	0.0	–	–	–	1.6	–	–	–	–
143.0	55.0	0.0	–	–	0.0	–	–	–	4.6	–	–	–	–
143.0	70.0	–	–	–	–	–	–	–	3.6	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	2.2	–	–	–	–
147.0	30.0	0.0	–	–	0.0	–	–	–	2.0	–	–	–	–
147.0	50.0	0.0	–	–	0.0	–	–	–	1.9	–	–	–	–
147.0	60.0	0.0	–	–	5.8	–	–	–	0.0	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	3.7	–	–	–	–
150.0	45.0	0.0	–	–	–	–	–	–	3.2	–	–	–	–
150.0	50.0	0.0	–	–	–	–	–	–	1.1	–	–	–	–
150.0	55.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
153.0	35.0	2.3	–	–	–	–	–	–	–	–	–	–	–

Diplophos taenia

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.2	–	0.0	–	–
107.0	70.0	0.0	–	0.0	0.0	0.0	0.0	2.8	0.0	–	2.8	–	–
107.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.1	–	0.0	–	–
107.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
110.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	–	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.5	–	–
113.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	–	–	3.1	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	6.2	0.0	0.0	–	–	–	–
120.0	75.0	–	–	–	0.0	–	2.7	0.0	0.0	–	–	–	–
120.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
120.0	85.0	–	–	–	0.0	0.0	2.9	2.6	–	–	–	–	–
123.0	65.0	–	–	–	–	0.0	0.0	0.0	2.9	–	–	–	–
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	–	–
130.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0	–	–
130.0	70.0	–	–	–	–	–	0.0	0.0	0.0	–	2.8	–	–
133.0	45.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	55.0	0.0	–	–	0.0	–	–	0.0	0.9	–	0.0	–	–
137.0	80.0	0.0	–	–	5.6	–	–	0.0	–	–	–	–	–
140.0	55.0	1.9	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	40.0	1.7	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	45.0	2.5	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	20.0	2.1	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	50.0	0.0	–	–	2.9	–	–	–	0.0	–	–	–	–
147.0	60.0	0.0	–	–	5.8	–	–	–	0.0	–	–	–	–
150.0	35.0	0.0	–	–	–	–	–	–	3.8	–	–	–	–
150.0	40.0	0.0	–	–	–	–	–	–	4.7	–	–	–	–

TABLE 4. (cont.)

Diplophos taenia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	45.0	0.0	–	–	–	–	–	–	11.1	–	–	–	–
150.0	50.0	2.8	–	–	–	–	–	–	0.0	–	–	–	–
150.0	60.0	0.0	–	–	–	–	–	–	2.0	–	–	–	–
153.0	25.0	0.0	–	–	–	–	–	–	11.3	–	–	–	–
157.0	70.0	3.7	–	–	–	–	–	–	–	–	–	–	–

Ichthyococcus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	80.0	0.0	0.0	–	0.0	0.0	2.9	0.0	0.0	–	0.0	–	–
87.0	55.0	3.2	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	60.0	–	0.0	–	3.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	80.0	–	0.0	–	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
90.0	60.0	–	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
100.0	40.0	–	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	50.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
100.0	65.0	–	–	–	0.0	0.0	0.0	–	3.2	–	–	–	–
100.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
100.0	85.0	–	–	–	0.0	0.0	3.3	0.0	0.0	–	–	–	–
103.0	35.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	0.0	–	–
103.0	45.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0	–	–
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
103.0	70.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
107.0	32.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	60.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
110.0	90.0	0.0	0.0	0.0	–	0.0	2.9	0.0	–	–	0.0	–	–
113.0	40.0	–	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	50.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	2.7	–	–
113.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.1	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	3.3	–	0.0	–	–
113.0	75.0	–	–	–	0.0	0.0	2.7	0.0	0.0	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
117.0	45.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	80.0	0.0	–	0.0	2.4	0.0	3.0	0.0	0.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	2.5	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	–	2.7	–	–
120.0	85.0	–	–	–	0.0	3.3	0.0	0.0	–	–	–	–	–
123.0	42.0	0.0	0.0	0.0	–	3.0	0.0	2.7	0.0	0.0	0.0	–	–
123.0	55.0	–	0.0	0.0	–	2.9	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	2.9	0.0	–	–
130.0	50.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	–	0.0	–	–
133.0	55.0	2.0	–	–	0.0	–	–	0.0	0.0	–	0.0	–	–
137.0	45.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Ichthyococcus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0 80.0	0.0	-	-	0.0	-	-	2.7	-	-	-	-	-

Vinciguerria lucetia

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0 90.0	0.0	-	-	0.0	-	-	0.0	-	-	7.9	-	-
77.0 80.0	-	-	-	0.0	3.2	0.0	0.0	-	-	0.0	-	-
77.0 90.0	-	-	-	0.0	0.0	0.0	0.0	-	-	3.0	-	-
80.0 60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	2.8	0.0	0.0
80.0 70.0	4.8	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0 85.0	-	-	-	0.0	0.0	0.0	0.0	3.3	-	-	-	-
80.0 90.0	5.3	0.0	-	0.0	0.0	0.0	0.0	0.0	-	2.6	-	-
80.0 100.0	-	-	-	-	5.7	-	-	-	-	-	-	-
80.0 120.0	-	-	-	-	11.6	-	-	-	-	-	-	-
80.0 130.0	-	-	-	-	19.3	-	-	-	-	-	-	-
80.0 145.0	-	-	-	-	14.4	-	-	-	-	-	-	-
83.0 55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	2.0	0.0	0.0
83.0 70.0	0.0	0.0	-	0.0	0.0	2.9	0.0	0.0	-	0.0	-	-
83.0 80.0	0.0	2.9	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
83.0 90.0	0.0	0.0	-	0.0	0.0	2.9	0.0	6.1	-	0.0	-	-
87.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.9	2.5	0.0
87.0 55.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	-	2.5	8.5	0.0
87.0 60.0	-	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	14.1	5.2
87.0 65.0	-	-	-	0.0	0.0	0.0	3.2	0.0	-	-	-	-
87.0 70.0	-	1.5	-	0.0	0.0	0.0	0.0	9.7	-	0.0	-	-
87.0 75.0	-	-	-	0.0	0.0	5.6	-	52.8	-	-	-	-
87.0 80.0	-	0.0	-	0.0	2.8	6.1	0.0	35.4	-	0.0	-	-
87.0 85.0	-	-	-	3.0	3.0	5.6	0.0	0.0	-	-	-	-
87.0 90.0	-	0.0	-	2.8	11.8	5.5	5.5	304.4	-	0.0	-	-
90.0 28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	2.5	0.0
90.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	5.1	0.0	0.0
90.0 55.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	8.2	0.0
90.0 60.0	-	0.0	0.0	0.0	6.4	9.9	0.0	0.0	0.0	0.0	5.4	0.0
90.0 65.0	-	-	2.3	-	0.0	0.0	3.2	4.9	0.0	-	-	-
90.0 70.0	-	0.0	2.7	2.9	0.0	0.0	36.6	78.3	34.2	0.0	15.7	0.0
90.0 75.0	-	-	-	33.7	3.1	0.0	0.0	103.6	108.0	-	-	-
90.0 80.0	-	2.9	2.6	14.4	6.8	0.0	0.0	51.4	62.9	0.0	3.5	0.0
90.0 85.0	-	-	-	5.8	18.6	-	0.0	33.7	24.5	-	-	-
90.0 90.0	-	23.2	4.5	19.7	0.0	-	2.9	48.3	62.6	11.2	-	0.0
90.0 100.0	-	-	-	-	2.8	-	-	-	31.7	-	-	3.0
90.0 110.0	-	-	-	-	34.8	-	-	-	52.6	-	-	-
90.0 120.0	-	-	-	-	142.6	-	-	-	264.3	-	-	-
90.0 130.0	-	-	-	-	104.3	-	-	-	-	-	-	-
90.0 145.0	-	-	-	-	2.8	-	-	-	-	-	-	-
93.0 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5	2.5	3.0

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	68.2	0.0	0.0
93.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	11.1	0.0	0.0
93.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.6	5.4	2.5	2.8	2.9
93.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	2.8	6.1	3.1	4.8
93.0	60.0	0.0	0.0	9.3	3.0	0.0	0.0	0.0	9.1	28.8	11.5	6.3	8.1
93.0	65.0	–	–	–	0.0	0.0	0.0	2.8	0.0	322.9	–	–	–
93.0	70.0	7.4	–	2.3	0.0	0.0	9.0	2.8	13.1	150.2	185.9	0.0	2.9
93.0	75.0	–	–	–	2.9	0.0	2.8	27.1	34.1	707.3	–	–	–
93.0	80.0	27.6	21.5	7.9	5.7	8.1	6.5	92.9	27.0	51.3	216.4	5.3	11.9
93.0	85.0	–	–	–	0.0	28.1	40.4	153.9	1006.7	245.8	–	–	–
93.0	90.0	29.7	3.0	4.6	2.9	108.8	137.5	65.5	399.3	173.3	–	–	5.7
93.0	100.0	–	–	–	–	–	–	–	–	125.5	–	–	105.7
93.0	110.0	–	–	–	–	–	–	–	–	495.0	–	–	–
93.0	120.0	–	–	–	–	–	–	–	–	120.1	–	–	–
97.0	30.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	10.4	–	–
97.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	–	43.7	–	–
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	–	190.4	–	–
97.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	28.7	–	–
97.0	45.0	0.0	0.0	8.3	2.9	0.0	0.0	0.0	0.0	–	53.8	–	–
97.0	50.0	13.9	0.0	5.5	3.0	0.0	8.2	0.0	6.4	–	25.4	–	–
97.0	55.0	11.0	0.0	3.1	–	0.0	0.0	–	3.0	–	5.9	–	–
97.0	60.0	32.3	0.0	0.0	22.2	2.9	35.4	8.5	0.0	–	9.7	–	–
97.0	65.0	–	–	–	34.6	25.6	29.6	8.9	0.0	–	–	–	–
97.0	70.0	4.9	7.9	–	8.5	23.5	216.4	279.9	8.6	–	48.8	–	–
97.0	75.0	–	–	–	10.8	21.6	125.0	625.7	112.5	–	–	–	–
97.0	80.0	65.1	23.2	–	16.6	30.7	143.5	370.9	81.0	–	113.1	–	–
97.0	85.0	–	–	–	5.7	31.0	17.4	150.0	85.4	–	–	–	–
97.0	90.0	19.8	10.4	–	8.3	8.6	5.2	261.3	447.0	–	336.6	–	–
100.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.5	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	3.0	–	–
100.0	35.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	5.7	–	3.0	–	–
100.0	40.0	–	2.1	20.8	5.6	0.0	7.1	0.0	31.7	–	259.4	–	–
100.0	45.0	0.0	0.0	12.3	2.7	3.0	11.2	5.5	73.2	–	174.5	–	–
100.0	50.0	0.0	0.0	5.1	0.0	70.4	0.0	5.7	278.5	–	139.6	–	–
100.0	55.0	–	0.0	4.7	13.6	51.8	3.3	159.4	114.3	–	481.8	–	–
100.0	60.0	0.0	0.0	7.0	8.6	27.1	27.3	144.5	176.0	–	106.9	–	–
100.0	65.0	–	–	–	11.2	27.0	30.5	–	102.4	–	–	–	–
100.0	70.0	70.5	14.9	–	5.7	24.6	3.0	206.6	179.8	–	59.8	–	–
100.0	75.0	–	–	–	20.0	51.3	98.3	146.3	202.9	–	–	–	–
100.0	80.0	2.7	13.2	–	13.7	89.0	10.0	61.4	212.3	–	37.4	–	–
100.0	85.0	–	–	–	0.0	50.3	240.5	547.8	119.3	–	–	–	–
100.0	90.0	10.8	9.6	–	5.7	56.3	146.0	52.5	427.0	–	286.7	–	–
101.0	50.0	–	–	–	–	–	–	–	–	–	2.9	–	–
103.0	30.0	0.0	0.0	2.5	0.0	0.0	3.4	–	5.6	–	2.7	–	–
103.0	35.0	5.3	2.3	5.8	0.0	0.0	0.0	–	1.5	–	0.0	–	–

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	40.0	5.5	5.2	29.8	2.6	0.0	2.7	-	1.5	-	11.8	-	-
103.0	45.0	2.3	5.3	11.5	4.8	3.1	0.0	72.0	529.2	-	169.2	-	-
103.0	50.0	2.8	4.5	10.2	25.4	62.0	159.0	185.9	1309.5	-	108.8	-	-
103.0	55.0	3.0	0.0	7.1	11.6	81.4	53.6	312.4	1044.9	-	308.2	-	-
103.0	60.0	0.0	2.5	16.7	18.5	59.0	193.1	63.8	1294.7	-	434.5	-	-
103.0	65.0	-	-	-	19.8	86.8	206.6	98.8	1188.0	-	-	-	-
103.0	70.0	37.6	0.0	29.5	8.0	23.6	64.0	65.8	138.2	-	17.6	-	-
103.0	75.0	-	-	-	45.6	18.5	27.6	312.4	168.3	-	-	-	-
103.0	80.0	126.4	-	14.3	7.7	163.8	87.6	529.2	248.7	-	39.7	-	-
103.0	85.0	-	-	-	16.1	234.6	12.3	609.8	267.8	-	-	-	-
103.0	90.0	73.9	-	-	89.0	317.8	120.1	292.7	167.3	-	379.3	-	-
107.0	32.0	8.0	0.0	0.0	0.0	5.5	0.0	0.0	87.1	-	27.7	-	-
107.0	35.0	0.0	0.0	5.1	12.4	0.0	0.0	0.0	17.3	-	25.2	-	-
107.0	40.0	4.9	7.1	0.0	26.4	48.4	0.0	11.0	436.5	-	59.8	-	-
107.0	45.0	0.0	14.5	0.0	61.8	41.7	0.0	0.0	731.4	-	38.8	-	-
107.0	50.0	0.0	82.1	41.3	143.9	31.9	3.1	112.6	305.4	-	21.2	-	-
107.0	55.0	2.7	22.8	13.5	216.8	194.6	9.1	220.1	130.4	-	-	-	-
107.0	60.0	31.5	24.4	32.6	69.3	133.9	97.0	424.7	31.8	-	2.3	-	-
107.0	65.0	-	-	-	20.5	151.5	135.7	478.9	22.8	-	-	-	-
107.0	70.0	8.4	-	2.4	32.1	195.3	26.2	601.1	86.0	-	286.6	-	-
107.0	75.0	-	-	-	80.9	152.5	143.0	110.0	555.7	-	-	-	-
107.0	80.0	26.5	-	2.8	14.1	79.4	58.7	68.8	860.3	-	224.2	-	-
107.0	85.0	-	-	-	29.8	91.8	289.9	207.5	877.5	-	-	-	-
107.0	90.0	5.5	-	-	50.9	34.7	111.9	127.9	406.0	-	247.4	-	-
110.0	33.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	312.5	11.6	0.0	-	-
110.0	35.0	2.7	0.0	0.0	0.0	52.1	19.3	11.7	139.7	5.4	0.0	-	-
110.0	40.0	8.2	3.0	0.0	27.7	65.3	32.1	0.0	20.0	5.7	7.5	-	-
110.0	45.0	8.2	8.1	5.8	69.4	106.8	333.9	0.0	20.9	-	2.9	-	-
110.0	50.0	2.7	43.3	0.0	51.1	273.6	202.9	0.0	88.5	-	78.4	-	-
110.0	55.0	5.7	112.5	11.1	26.6	94.4	225.9	382.9	807.8	-	22.8	-	-
110.0	60.0	0.0	47.0	10.8	19.0	32.6	71.3	460.3	5011.4	-	30.7	-	-
110.0	65.0	-	40.2	2.8	22.6	43.5	45.1	123.4	309.7	-	-	-	-
110.0	70.0	9.6	0.0	5.4	18.8	46.1	20.0	97.3	97.7	-	133.4	-	-
110.0	75.0	-	-	-	37.7	71.3	179.5	484.8	90.2	-	-	-	-
110.0	80.0	57.0	20.6	0.0	40.0	80.6	206.3	2504.4	141.8	-	33.1	-	-
110.0	85.0	-	-	-	42.5	57.6	196.0	388.5	-	-	-	-	-
110.0	90.0	16.3	56.7	3.0	-	34.9	119.3	403.2	-	-	85.5	-	-
113.0	30.0	1.3	0.0	0.0	0.0	0.0	0.0	-	7.2	8.4	0.0	-	-
113.0	35.0	0.0	12.4	2.7	0.0	16.0	5.5	173.3	565.3	0.0	7.8	-	-
113.0	40.0	-	26.8	5.9	0.0	0.0	16.9	336.3	489.5	294.8	13.8	-	-
113.0	45.0	8.5	5.1	14.1	2.6	13.2	2.7	190.3	241.5	-	20.6	-	-
113.0	50.0	15.1	29.1	6.4	99.2	94.4	28.5	68.5	164.1	-	19.0	-	-
113.0	55.0	21.1	13.8	28.4	27.7	22.9	16.0	56.4	69.9	-	56.0	-	-
113.0	60.0	0.0	6.2	0.0	33.9	5.8	2.7	81.0	76.2	-	5.1	-	-
113.0	65.0	-	6.0	2.9	25.4	122.7	9.4	183.0	211.4	-	-	-	-
113.0	70.0	27.9	28.0	9.8	102.9	19.9	62.0	532.0	1007.5	-	24.3	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	75.0	-	-	-	116.5	26.1	79.8	1602.1	1239.1	-	-	-	-
113.0	80.0	32.0	-	17.6	24.9	32.9	54.7	1186.0	1688.5	-	374.5	-	-
113.0	85.0	-	-	-	106.2	64.0	83.7	540.0	-	-	-	-	-
113.0	90.0	44.8	-	-	31.5	33.8	186.2	70.6	-	-	356.1	-	-
115.0	27.0	-	-	-	-	-	-	-	-	2.6	-	-	-
115.0	30.0	-	-	-	-	-	-	-	-	4.8	-	-	-
115.0	35.0	-	-	-	-	-	-	-	-	16.5	-	-	-
115.0	40.0	-	-	-	-	-	-	-	-	90.5	-	-	-
117.0	26.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	7.8	0.0	-	-
117.0	35.0	0.0	2.3	0.0	17.3	75.0	3.0	0.0	110.6	19.9	0.0	-	-
117.0	40.0	0.0	0.0	12.2	0.0	0.0	9.5	2.9	250.3	18.4	5.2	-	-
117.0	45.0	11.1	0.0	5.6	10.5	23.2	0.0	0.0	591.1	-	12.9	-	-
117.0	50.0	8.2	8.8	2.8	5.6	65.5	20.6	32.3	152.8	-	8.1	-	-
117.0	55.0	98.7	16.6	0.0	10.7	32.6	40.8	16.3	12.1	-	26.0	-	-
117.0	60.0	139.4	224.3	11.4	7.7	5.9	48.2	8.4	27.0	-	102.7	-	-
117.0	65.0	-	56.2	19.5	63.1	0.0	533.2	5.7	84.6	-	-	-	-
117.0	70.0	31.0	95.2	5.6	56.2	0.0	86.5	21.0	187.1	-	50.9	-	-
117.0	75.0	-	-	-	17.5	0.0	12.4	60.8	162.4	-	-	-	-
117.0	80.0	34.6	-	62.0	26.1	132.3	54.0	69.4	261.9	-	97.3	-	-
117.0	85.0	-	-	-	26.2	305.8	31.2	57.3	-	-	-	-	-
117.0	90.0	17.6	-	-	159.0	64.9	85.6	84.8	-	-	298.1	-	-
118.0	39.0	0.0	0.0	9.0	9.9	18.4	31.7	0.0	234.0	2.5	0.0	-	-
118.5	25.0	-	-	-	-	-	-	-	-	8.3	-	-	-
119.0	33.0	0.0	0.0	0.0	0.0	-	0.0	0.0	29.9	0.0	0.0	-	-
120.0	25.0	0.0	0.0	0.0	2.5	-	0.0	0.0	2.6	2.2	0.0	-	-
120.0	35.0	2.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	-	-
120.0	40.0	0.0	0.0	0.0	0.0	7.3	7.9	1.9	5.6	1.4	0.0	-	-
120.0	45.0	2.7	0.0	0.0	5.2	35.2	57.3	0.0	23.2	5.7	5.8	-	-
120.0	50.0	10.4	8.6	0.0	27.4	5.7	215.1	0.0	42.7	-	2.9	-	-
120.0	55.0	17.4	0.0	0.0	30.9	16.6	312.5	2.9	6.7	-	29.5	-	-
120.0	60.0	2.6	6.1	14.3	88.6	99.4	176.6	30.2	0.0	-	74.5	-	-
120.0	65.0	-	0.0	2.8	138.2	69.5	84.3	36.0	0.0	-	-	-	-
120.0	70.0	0.0	0.0	25.3	17.1	189.8	212.3	262.7	8.5	-	216.0	-	-
120.0	75.0	-	-	-	23.9	-	42.9	1271.0	109.6	-	-	-	-
120.0	80.0	15.4	2.9	0.0	26.8	1116.1	137.5	500.9	1087.7	-	98.3	-	-
120.0	85.0	-	-	-	16.1	440.9	295.9	113.1	-	-	-	-	-
120.0	90.0	14.1	2.7	24.6	67.8	737.5	193.4	107.2	-	-	54.3	-	-
120.7	26.0	-	-	-	-	-	-	-	-	1.8	-	-	-
121.2	34.0	-	-	-	-	-	-	-	-	5.9	-	-	-
121.3	30.0	-	-	-	-	-	-	-	-	2.6	-	-	-
123.0	37.0	2.1	2.4	8.1	-	0.0	4.4	0.0	79.9	12.8	17.5	-	-
123.0	42.0	11.8	5.9	11.9	-	11.8	3.0	10.9	3.3	23.3	2.7	-	-
123.0	45.0	2.5	0.0	32.9	-	50.0	0.0	3.0	-	6.6	7.8	-	-
123.0	50.0	-	0.0	0.0	-	240.6	34.3	2.8	11.6	-	2.7	-	-
123.0	55.0	-	0.0	3.0	-	592.8	227.1	0.0	0.0	-	8.0	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	60.0	2.5	13.9	11.2	-	612.6	36.6	15.8	57.8	-	91.1	-	-
123.0	65.0	-	-	-	-	187.2	164.4	21.7	72.3	-	-	-	-
123.0	70.0	0.0	-	-	-	297.4	288.0	363.1	25.8	-	538.5	-	-
127.0	34.0	0.0	0.0	2.7	-	3.4	0.0	0.0	0.0	2.7	0.0	-	-
127.0	40.0	12.6	5.9	3.0	-	2.6	32.4	27.4	0.0	18.0	17.6	-	-
127.0	45.0	4.6	11.8	8.8	-	5.7	725.9	53.2	41.4	27.9	2.9	-	-
127.0	50.0	5.3	19.0	18.1	-	108.4	1103.0	53.0	16.1	-	24.8	-	-
127.0	55.0	-	15.0	6.2	-	35.6	1222.7	84.9	44.9	-	97.7	-	-
127.0	60.0	2.6	14.9	33.7	-	59.1	367.0	710.5	19.7	-	66.7	-	-
127.0	65.0	-	-	-	-	200.5	73.3	902.3	284.3	-	-	-	-
127.0	70.0	0.0	-	-	-	401.6	65.1	786.0	171.6	-	74.5	-	-
127.0	80.0	11.0	-	-	-	-	-	-	-	-	-	-	-
130.0	30.0	2.5	6.6	2.9	0.0	0.0	72.3	0.0	0.0	0.0	28.8	-	-
130.0	35.0	47.9	29.0	5.9	0.0	12.8	104.9	0.0	35.7	3.1	8.9	-	-
130.0	40.0	0.0	17.9	39.9	0.0	13.2	137.7	3.2	11.3	14.3	3.1	-	-
130.0	45.0	44.2	0.0	11.2	29.1	62.2	19.7	0.0	225.8	11.6	11.2	-	-
130.0	50.0	19.8	6.1	24.3	59.4	83.7	8.6	0.0	215.8	-	2.7	-	-
130.0	55.0	28.0	6.0	27.0	67.8	254.8	122.8	37.6	212.2	-	0.0	-	-
130.0	60.0	9.8	5.5	20.2	90.8	351.1	263.4	32.5	441.8	-	16.9	-	-
130.0	65.0	-	-	-	-	-	220.7	62.9	294.0	-	-	-	-
130.0	70.0	-	-	-	-	-	228.3	28.0	18.2	-	31.3	-	-
133.0	25.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-	8.6	5.8	-	-
133.0	30.0	7.1	0.0	6.0	6.8	2.7	0.0	0.0	0.0	0.0	12.1	-	-
133.0	35.0	8.6	7.8	0.0	16.6	0.0	7.7	0.0	14.4	-	14.1	-	-
133.0	40.0	2.0	18.4	130.2	112.3	10.4	17.0	0.0	114.4	-	2.7	-	-
133.0	45.0	29.8	11.8	85.8	84.3	28.9	8.0	23.9	240.4	-	0.0	-	-
133.0	50.0	18.5	18.5	202.1	153.0	-	8.1	53.4	230.7	-	124.2	-	-
133.0	55.0	14.3	-	-	171.6	-	-	83.7	101.1	-	176.4	-	-
133.0	60.0	46.4	-	-	93.2	-	-	165.8	67.9	-	45.1	-	-
133.0	65.0	-	-	-	-	-	-	526.9	-	-	-	-	-
133.0	70.0	-	-	-	-	-	-	772.7	147.2	-	29.8	-	-
134.0	36.0	16.7	6.3	0.0	6.9	-	2.7	0.0	8.4	11.2	16.4	-	-
137.0	23.0	4.2	13.8	2.7	0.0	2.3	0.0	0.0	0.0	6.5	0.0	-	-
137.0	30.0	4.4	13.4	23.6	5.5	0.0	0.0	0.0	-	5.9	0.0	-	-
137.0	35.0	25.6	23.3	17.6	18.1	0.0	0.0	0.0	0.0	-	7.5	-	-
137.0	40.0	10.6	18.6	23.3	212.0	8.3	0.0	0.0	0.0	-	5.5	-	-
137.0	45.0	38.1	23.5	74.3	19.5	360.6	0.0	25.5	231.8	-	5.4	-	-
137.0	50.0	7.4	15.4	26.4	40.2	882.9	8.9	786.6	82.8	-	0.0	-	-
137.0	55.0	18.8	-	-	34.0	-	-	485.8	30.8	-	38.7	-	-
137.0	60.0	8.7	-	-	133.9	-	-	205.9	-	-	69.5	-	-
137.0	65.0	-	-	-	-	-	-	60.5	-	-	-	-	-
137.0	70.0	6.5	-	-	16.5	-	-	2.7	-	-	120.8	-	-
137.0	75.0	-	-	-	-	-	-	5.7	-	-	-	-	-
137.0	80.0	12.3	-	-	41.7	-	-	13.5	-	-	-	-	-
140.0	30.0	2.3	-	-	5.6	-	-	-	14.9	-	-	-	-
140.0	35.0	15.9	-	-	21.0	-	-	-	28.3	-	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
140.0	40.0	32.7	-	-	52.1	-	-	-	37.6	-	-	-	-
140.0	45.0	42.5	-	-	66.3	-	-	-	1.8	-	-	-	-
140.0	50.0	12.9	-	-	119.3	-	-	-	155.1	-	-	-	-
140.0	55.0	76.8	-	-	15.5	-	-	-	3.0	-	-	-	-
140.0	60.0	20.2	-	-	19.9	-	-	-	141.0	-	-	-	-
140.0	70.0	-	-	-	-	-	-	-	26.2	-	-	-	-
143.0	26.0	24.8	-	-	0.0	-	-	-	0.0	-	-	-	-
143.0	30.0	16.1	-	-	2.8	-	-	-	9.4	-	-	-	-
143.0	35.0	31.6	-	-	57.6	-	-	-	2.3	-	-	-	-
143.0	40.0	10.4	-	-	38.5	-	-	-	11.8	-	-	-	-
143.0	45.0	25.1	-	-	94.3	-	-	-	34.9	-	-	-	-
143.0	50.0	34.1	-	-	28.8	-	-	-	46.5	-	-	-	-
143.0	55.0	28.1	-	-	39.8	-	-	-	125.9	-	-	-	-
143.0	60.0	6.5	-	-	44.1	-	-	-	88.8	-	-	-	-
143.0	70.0	-	-	-	-	-	-	-	229.1	-	-	-	-
147.0	20.0	4.1	-	-	9.6	-	-	-	34.5	-	-	-	-
147.0	25.0	15.8	-	-	145.1	-	-	-	28.1	-	-	-	-
147.0	30.0	25.6	-	-	9.1	-	-	-	46.5	-	-	-	-
147.0	35.0	30.1	-	-	8.9	-	-	-	91.3	-	-	-	-
147.0	40.0	6.5	-	-	43.7	-	-	-	63.6	-	-	-	-
147.0	45.0	10.3	-	-	252.8	-	-	-	177.7	-	-	-	-
147.0	50.0	5.2	-	-	68.6	-	-	-	34.9	-	-	-	-
147.0	55.0	29.4	-	-	9.1	-	-	-	4.4	-	-	-	-
147.0	60.0	8.0	-	-	74.9	-	-	-	15.6	-	-	-	-
150.0	19.0	2.3	-	-	-	-	-	-	141.2	-	-	-	-
150.0	25.0	0.0	-	-	-	-	-	-	183.2	-	-	-	-
150.0	30.0	0.0	-	-	-	-	-	-	118.5	-	-	-	-
150.0	35.0	11.1	-	-	-	-	-	-	21.8	-	-	-	-
150.0	40.0	18.5	-	-	-	-	-	-	48.7	-	-	-	-
150.0	45.0	21.8	-	-	-	-	-	-	305.3	-	-	-	-
150.0	50.0	5.6	-	-	-	-	-	-	159.8	-	-	-	-
150.0	55.0	24.0	-	-	-	-	-	-	244.2	-	-	-	-
150.0	60.0	12.0	-	-	-	-	-	-	52.8	-	-	-	-
153.0	16.0	5.0	-	-	-	-	-	-	34.0	-	-	-	-
153.0	25.0	45.6	-	-	-	-	-	-	75.2	-	-	-	-
153.0	30.0	34.6	-	-	-	-	-	-	-	-	-	-	-
153.0	35.0	30.4	-	-	-	-	-	-	-	-	-	-	-
153.0	45.0	2.7	-	-	-	-	-	-	-	-	-	-	-
153.0	50.0	8.3	-	-	-	-	-	-	-	-	-	-	-
153.0	55.0	17.6	-	-	-	-	-	-	-	-	-	-	-
153.0	60.0	10.0	-	-	-	-	-	-	-	-	-	-	-
153.0	70.0	20.3	-	-	-	-	-	-	-	-	-	-	-
153.0	80.0	8.6	-	-	-	-	-	-	-	-	-	-	-
157.0	10.0	71.3	-	-	-	-	-	-	-	-	-	-	-
157.0	15.0	6.4	-	-	-	-	-	-	-	-	-	-	-
157.0	20.0	2.5	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Vinciguerria lucetia (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	25.0	6.9	–	–	–	–	–	–	–	–	–	–	–
157.0	30.0	20.7	–	–	–	–	–	–	–	–	–	–	–
157.0	35.0	6.8	–	–	–	–	–	–	–	–	–	–	–
157.0	40.0	9.8	–	–	–	–	–	–	–	–	–	–	–
157.0	45.0	39.0	–	–	–	–	–	–	–	–	–	–	–
157.0	50.0	36.3	–	–	–	–	–	–	–	–	–	–	–
157.0	55.0	108.5	–	–	–	–	–	–	–	–	–	–	–
157.0	60.0	21.7	–	–	–	–	–	–	–	–	–	–	–
157.0	70.0	23.9	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	59.3	–	–	–	–	–	–	–	–	–	–	–

Sternoptychidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
80.0	130.0	–	–	–	–	2.8	–	–	–	–	–	–	–
83.0	43.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	70.0	0.0	1.7	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
87.0	40.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	70.0	–	0.0	–	3.0	0.0	0.0	0.0	0.0	–	0.0	–	–
87.0	80.0	–	0.0	–	3.0	0.0	0.0	0.0	0.0	–	0.0	–	–
87.0	85.0	–	–	–	0.0	0.0	0.0	2.8	0.0	–	–	–	–
90.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	2.8	0.0	0.0
90.0	45.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	60.0	–	1.5	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	70.0	–	1.4	0.0	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	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	90.0	–	0.0	0.0	0.0	2.8	–	0.0	0.0	0.0	0.0	–	0.0
90.0	110.0	–	–	–	–	5.8	–	–	–	0.0	–	–	–
90.0	120.0	–	–	–	–	2.9	–	–	–	0.0	–	–	–
90.0	130.0	–	–	–	–	2.8	–	–	–	–	–	–	–
93.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0	60.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0	80.0	0.0	0.0	5.3	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	35.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	45.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	50.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	55.0	0.0	0.0	0.0	–	0.0	2.9	–	0.0	–	0.0	–	–
97.0	60.0	2.7	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
97.0	65.0	–	–	–	5.8	0.0	0.0	0.0	0.0	–	–	–	–
97.0	80.0	0.0	0.0	–	0.0	0.0	0.0	2.8	0.0	–	2.9	–	–
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	3.3	–	–
100.0	29.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.5	–	–

TABLE 4. (cont.)

Sternoptychidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	55.0	-	0.0	0.0	0.0	0.0	0.0	0.0	6.2	-	3.0	-	-
100.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	-	0.0	-	-
100.0	70.0	5.6	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	80.0	2.7	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	45.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	-	0.0	-	-
103.0	65.0	-	-	-	0.0	0.0	0.0	0.0	6.0	-	-	-	-
103.0	75.0	-	-	-	2.8	0.0	0.0	0.0	0.0	-	-	-	-
103.0	80.0	8.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	85.0	-	-	-	0.0	0.0	0.0	2.8	0.0	-	-	-	-
103.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	3.3	-	0.0	-	-
107.0	32.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	60.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	40.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
113.0	40.0	-	6.0	0.0	2.3	0.0	5.6	0.0	0.0	0.0	0.0	-	-
113.0	45.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	0.0	-	-
117.0	35.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	-
117.0	45.0	0.0	0.0	2.8	0.0	0.0	3.1	0.0	0.0	-	0.0	-	-
117.0	60.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0	-	-
117.0	65.0	-	0.0	0.0	0.0	3.0	3.1	0.0	0.0	-	-	-	-
117.0	70.0	0.0	2.8	0.0	0.0	0.0	6.2	0.0	0.0	-	0.0	-	-
117.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	5.4	-	-
120.0	50.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
120.0	55.0	0.0	0.0	0.0	2.8	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	-	2.7	-	-
120.0	65.0	-	0.0	0.0	2.6	0.0	0.0	0.0	0.0	-	-	-	-
120.0	85.0	-	-	-	0.0	0.0	8.8	0.0	-	-	-	-	-
120.0	90.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-	-	2.9	-	-
123.0	50.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.7	-	-
123.0	55.0	-	0.0	0.0	-	0.0	0.0	0.0	0.0	-	5.4	-	-
123.0	60.0	2.5	0.0	0.0	-	2.8	0.0	0.0	0.0	-	0.0	-	-
123.0	70.0	0.0	-	-	-	3.5	0.0	0.0	0.0	-	0.0	-	-
127.0	45.0	0.0	0.0	0.0	-	2.8	0.0	0.0	0.0	0.0	0.0	-	-
127.0	50.0	0.0	0.0	0.0	-	0.0	2.9	0.0	0.0	-	2.8	-	-
127.0	60.0	0.0	3.0	3.1	-	0.0	0.0	0.0	0.0	-	0.0	-	-
130.0	30.0	0.0	2.2	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	3.1	3.2	0.0	0.0	0.0	-	-
130.0	45.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	-
130.0	50.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
133.0	35.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0	-	-
133.0	40.0	0.0	0.0	5.9	0.0	2.6	0.0	0.0	0.0	-	0.0	-	-
134.0	36.0	0.0	0.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	-
137.0	45.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
137.0	50.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	-	0.0	-	-
143.0	45.0	0.0	-	-	2.6	-	-	-	0.0	-	-	-	-

TABLE 4. (cont.)

Chauliodus macouni

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	55.0	–	–	–	–	–	–	–	–	–	8.0	–	–
53.0	60.0	–	–	–	–	–	–	–	–	–	2.9	–	–
60.0	70.0	2.4	–	–	0.0	0.0	–	0.0	–	–	2.2	–	–
60.0	80.0	0.0	–	–	0.0	5.3	–	0.0	–	–	0.0	–	–
60.0	85.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
60.0	90.0	0.0	–	–	0.0	0.0	–	5.0	–	–	2.5	–	–
63.0	60.0	0.0	–	–	0.0	0.0	–	0.0	–	–	2.5	–	–
63.0	85.0	–	–	–	–	0.0	–	3.4	–	–	–	–	–
63.0	90.0	3.3	–	–	2.8	0.0	–	0.0	–	–	0.0	–	–
67.0	55.0	0.0	–	–	0.0	0.0	–	0.0	–	–	3.3	–	–
67.0	60.0	0.0	–	–	0.0	0.0	–	0.0	–	–	4.3	–	–
67.0	70.0	0.0	–	–	–	2.7	–	0.0	–	–	0.0	–	–
67.0	85.0	–	–	–	–	–	–	3.4	–	–	–	–	–
70.0	55.0	0.0	–	–	0.0	0.0	–	3.0	–	–	0.0	–	–
70.0	70.0	0.0	–	–	2.3	–	–	0.0	–	–	0.0	–	–
70.0	80.0	0.0	–	–	2.6	3.4	–	0.0	–	–	0.0	–	–
70.0	85.0	–	–	–	–	3.5	–	0.0	–	–	–	–	–
73.0	60.0	0.0	0.0	–	0.0	0.0	–	0.0	–	–	2.5	–	–
73.0	65.0	–	–	–	0.0	3.4	–	0.0	–	–	–	–	–
73.0	70.0	0.0	3.2	–	0.0	0.0	–	0.0	–	–	0.0	–	–
77.0	60.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	–	0.0	0.0	0.0
77.0	80.0	–	–	–	0.0	0.0	3.7	0.0	–	–	0.0	–	–
77.0	85.0	–	–	–	–	2.8	0.0	0.0	–	–	–	–	–
77.0	90.0	–	–	–	3.0	0.0	2.9	0.0	–	–	0.0	–	–
80.0	55.0	0.0	0.0	–	6.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	60.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	2.2	0.0
80.0	65.0	–	–	–	0.0	0.0	0.0	3.3	–	–	–	–	–
80.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	3.7	0.0	0.0
80.0	80.0	0.0	0.0	–	0.0	6.3	0.0	0.0	0.0	–	0.0	–	–
80.0	85.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
80.0	110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
80.0	120.0	–	–	–	–	2.9	–	–	–	–	–	–	–
83.0	55.0	0.0	0.0	–	2.7	0.0	3.2	0.0	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	3.0	0.0	0.0	0.0	–	–	–	–
83.0	75.0	–	–	–	8.3	0.0	3.1	0.0	–	–	–	–	–
83.0	85.0	–	–	–	3.0	0.0	3.1	0.0	–	–	–	–	–
83.0	90.0	0.0	0.0	–	3.2	0.0	0.0	0.0	3.1	–	0.0	–	–
87.0	55.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	2.8	0.0
87.0	65.0	–	–	–	0.0	0.0	5.9	3.2	0.0	–	–	–	–
87.0	70.0	–	1.5	–	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
87.0	75.0	–	–	–	0.0	6.1	0.0	–	0.0	–	–	–	–
87.0	80.0	–	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
90.0	50.0	0.0	0.0	0.0	0.0	2.9	0.0	–	2.8	0.0	0.0	0.0	0.0
90.0	60.0	–	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	70.0	–	0.0	0.0	2.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	75.0	–	–	–	0.0	0.0	0.0	0.0	3.1	0.0	–	–	–

TABLE 4. (cont.)

Chauliodus macouni (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 80.0	-	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0 90.0	-	0.0	0.0	0.0	0.0	-	0.0	0.0	2.6	0.0	-	0.0
90.0 130.0	-	-	-	-	8.5	-	-	-	-	-	-	-
93.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0 60.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0 80.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0
97.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
97.0 70.0	2.4	0.0	-	0.0	0.0	0.0	0.0	0.0	-	2.9	-	-
100.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.9	-	-
107.0 50.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0 45.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0 60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.6	-	-

Idiacanthus antrostomus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 90.0	-	-	-	-	-	-	-	-	-	2.0	-	-
60.0 60.0	0.0	-	-	0.0	0.0	-	0.0	-	-	1.9	-	-
60.0 90.0	2.9	-	-	0.0	0.0	-	0.0	-	-	0.0	-	-
63.0 70.0	0.0	-	-	-	0.0	-	0.0	-	-	2.9	-	-
63.0 90.0	0.0	-	-	0.0	0.0	-	0.0	-	-	2.8	-	-
70.0 90.0	0.0	-	-	0.0	0.0	-	0.0	-	-	2.9	-	-
80.0 57.0	-	6.4	-	-	-	-	-	-	-	-	-	-
80.0 120.0	-	-	-	-	5.8	-	-	-	-	-	-	-
80.0 145.0	-	-	-	-	5.8	-	-	-	-	-	-	-
87.0 80.0	-	0.0	-	0.0	0.0	3.1	0.0	0.0	-	0.0	-	-
87.0 90.0	-	0.0	-	0.0	0.0	2.8	0.0	0.0	-	0.0	-	-
90.0 45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
90.0 110.0	-	-	-	-	2.9	-	-	-	0.0	-	-	-
90.0 120.0	-	-	-	-	0.0	-	-	-	2.5	-	-	-
90.0 130.0	-	-	-	-	2.8	-	-	-	-	-	-	-
93.0 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
93.0 35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
93.0 45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
93.0 55.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0 65.0	-	-	-	0.0	0.0	0.0	0.0	0.0	2.8	-	-	-
93.0 75.0	-	-	-	0.0	0.0	0.0	2.7	0.0	2.7	-	-	-
93.0 80.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	3.0	0.0	2.8	0.0	0.0
93.0 85.0	-	-	-	0.0	0.0	0.0	0.0	0.0	5.1	-	-	-
93.0 90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	-	0.0
97.0 90.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	9.9	-	-
100.0 35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-
100.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-
100.0 60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	-	2.9	-	-
100.0 70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-

TABLE 4. (cont.)

Idiacanthus antrostomus (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0 90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	4.7	–	–
103.0 60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
103.0 90.0	0.0	–	–	0.0	0.0	0.0	2.7	3.3	–	0.0	–	–
117.0 80.0	0.0	–	0.0	0.0	0.0	0.0	2.9	0.0	–	0.0	–	–

Aristostomias scintillans

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
80.0 120.0	–	–	–	–	2.9	–	–	–	–	–	–	–
80.0 145.0	–	–	–	–	2.9	–	–	–	–	–	–	–
90.0 80.0	–	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0 120.0	–	–	–	–	2.9	–	–	–	0.0	–	–	–
90.0 145.0	–	–	–	–	2.8	–	–	–	–	–	–	–
93.0 80.0	0.0	0.0	2.6	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	–	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
103.0 60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
103.0 80.0	5.4	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

Bathophilus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 90.0	0.0	–	–	0.0	0.0	–	9.9	–	–	0.0	–	–
63.0 70.0	0.0	–	–	–	0.0	–	3.3	–	–	0.0	–	–
67.0 75.0	–	–	–	–	0.0	–	3.3	–	–	–	–	–
80.0 120.0	–	–	–	–	5.8	–	–	–	–	–	–	–
100.0 70.0	2.8	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0 80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
117.0 60.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

Tactostoma macropus

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 90.0	0.0	–	–	0.0	0.0	–	2.5	–	–	0.0	–	–
80.0 80.0	0.0	0.0	–	0.0	0.0	0.0	3.1	0.0	–	0.0	–	–

Stomias atriventer

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0 90.0	0.0	–	–	0.0	0.0	–	3.8	–	–	0.0	–	–
67.0 75.0	–	–	–	–	0.0	–	3.3	–	–	–	–	–

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	75.0	-	-	-	-	0.0	-	3.0	-	-	-	-	-
80.0	55.0	8.3	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	40.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	43.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	55.0	2.9	3.2	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	90.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	-	0.0	-	-
87.0	60.0	-	2.9	-	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
90.0	50.0	0.0	2.9	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
90.0	60.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	70.0	-	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	75.0	-	-	-	2.8	0.0	0.0	0.0	0.0	0.0	-	-	-
90.0	80.0	-	0.0	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0
90.0	85.0	-	-	-	0.0	0.0	-	3.0	0.0	0.0	-	-	-
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0
93.0	60.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	5.6	0.0	0.0	0.0	0.0	0.0	-	-	-
93.0	70.0	2.5	-	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	80.0	0.0	0.0	5.3	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	2.7	3.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	60.0	0.0	0.0	2.7	8.3	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	65.0	-	-	-	14.4	0.0	0.0	0.0	0.0	-	-	-	-
97.0	70.0	0.0	10.5	-	2.8	2.9	3.2	0.0	0.0	-	0.0	-	-
97.0	80.0	3.0	2.3	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	85.0	-	-	-	2.9	0.0	3.5	0.0	0.0	-	-	-	-
100.0	35.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	-	0.0	-	-
100.0	40.0	-	0.0	7.8	2.8	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	45.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
100.0	50.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	55.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0	-	-
100.0	60.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	65.0	-	-	-	2.8	0.0	0.0	-	0.0	-	-	-	-
100.0	70.0	0.0	10.0	-	0.0	3.1	0.0	0.0	0.0	-	0.0	-	-
100.0	75.0	-	-	-	2.9	0.0	3.0	0.0	0.0	-	-	-	-
100.0	80.0	0.0	0.0	-	2.7	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	90.0	8.1	2.4	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	40.0	0.0	2.6	2.5	0.0	0.0	0.0	-	0.0	-	0.0	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	2.8	-	0.0	-	-
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
103.0	60.0	0.0	7.6	0.0	5.3	0.0	0.0	0.0	3.0	-	0.0	-	-
103.0	70.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	40.0	0.0	0.0	2.6	9.6	0.0	0.0	2.8	0.0	-	0.0	-	-
107.0	45.0	2.8	0.0	0.0	6.5	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	50.0	0.0	0.0	7.7	2.6	0.0	0.0	0.0	0.0	-	3.0	-	-
110.0	33.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	45.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	50.0	0.0	0.0	0.0	26.9	0.0	0.0	0.0	0.0	-	0.0	-	-

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	55.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	60.0	0.0	3.1	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	35.0	0.0	0.0	2.7	12.2	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	40.0	–	3.0	3.0	14.1	0.0	0.0	0.0	2.8	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	50.0	0.0	0.0	3.2	15.7	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	55.0	12.7	0.0	3.2	6.9	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	60.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	65.0	–	0.0	0.0	2.1	0.0	0.0	0.0	0.0	–	–	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	–	0.0	–	–
117.0	35.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	45.0	0.0	0.0	2.8	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	55.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	60.0	21.4	12.6	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	65.0	–	5.6	0.0	0.0	0.0	0.0	0.0	3.0	–	–	–	–
117.0	70.0	2.6	5.6	0.0	0.0	0.0	0.0	0.0	5.9	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	0.0	2.8	–	–	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
117.0	90.0	2.5	–	–	0.0	0.0	0.0	0.0	–	–	0.0	–	–
120.0	45.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	–	–
120.0	50.0	0.0	17.3	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	55.0	12.4	0.0	3.1	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	60.0	0.0	3.1	2.9	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	–	–	–
120.0	70.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	80.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	85.0	–	–	–	0.0	0.0	2.9	0.0	–	–	–	–	–
120.0	90.0	0.0	0.0	0.0	2.7	3.0	0.0	0.0	–	–	0.0	–	–
123.0	42.0	0.0	1.5	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	5.9	0.0	0.0	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	14.6	2.8	0.0	0.0	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	0.0	0.0	2.6	0.0	–	0.0	–	–
123.0	65.0	–	–	–	–	0.0	2.7	0.0	2.9	–	–	–	–
123.0	70.0	0.0	–	–	–	0.0	5.8	0.0	0.0	–	0.0	–	–
127.0	45.0	0.0	0.0	2.9	–	0.0	5.3	0.0	5.2	0.0	0.0	–	–
127.0	50.0	0.0	0.0	3.0	–	0.0	0.0	0.0	0.0	–	0.0	–	–
127.0	55.0	–	0.0	0.0	–	0.0	2.8	0.0	5.3	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	5.3	0.0	0.0	–	2.8	–	–
127.0	65.0	–	–	–	–	2.7	0.0	2.9	0.0	–	–	–	–
127.0	70.0	2.9	–	–	–	5.5	2.8	0.0	0.0	–	0.0	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	–	–
130.0	35.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	45.0	0.0	0.0	5.6	2.9	0.0	0.0	0.0	1.1	0.0	0.0	–	–
130.0	50.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
130.0	55.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	1.0	–	0.0	–	–
130.0	60.0	2.0	0.0	8.7	18.2	0.0	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Stomias atriventer (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	65.0	–	–	–	–	–	0.0	0.0	1.2	–	–	–	–
133.0	30.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
133.0	35.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	40.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	2.2	–	0.0	–	–
133.0	45.0	2.7	0.0	3.0	3.4	0.0	0.0	0.0	2.0	–	0.0	–	–
133.0	55.0	0.0	–	–	7.9	–	–	0.0	0.8	–	0.0	–	–
133.0	60.0	0.0	–	–	2.5	–	–	0.0	0.0	–	0.0	–	–
133.0	70.0	–	–	–	–	–	–	2.8	0.6	–	8.1	–	–
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
137.0	50.0	0.0	0.0	2.9	0.0	10.1	0.0	2.8	0.0	–	0.0	–	–
137.0	55.0	0.0	–	–	3.1	–	–	0.0	0.9	–	0.0	–	–
137.0	60.0	0.0	–	–	5.0	–	–	0.0	–	–	2.8	–	–
137.0	65.0	–	–	–	–	–	–	2.8	–	–	–	–	–
140.0	50.0	0.0	–	–	0.0	–	–	–	1.6	–	–	–	–
143.0	50.0	0.0	–	–	0.0	–	–	–	1.4	–	–	–	–
147.0	50.0	0.0	–	–	0.0	–	–	–	1.9	–	–	–	–
147.0	60.0	0.0	–	–	2.9	–	–	–	0.0	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
150.0	50.0	0.0	–	–	–	–	–	–	1.1	–	–	–	–

Evermannellidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	2.7	0.0	–	0.0	–	–
133.0	70.0	–	–	–	–	–	–	0.0	0.0	–	2.7	–	–
137.0	75.0	–	–	–	–	–	–	2.8	–	–	–	–	–
147.0	40.0	0.0	–	–	0.0	–	–	–	2.1	–	–	–	–
150.0	30.0	0.0	–	–	–	–	–	–	3.0	–	–	–	–

Paralepididae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	80.0	–	–	–	–	–	–	–	–	–	2.5	–	–
50.0	80.0	–	–	–	–	–	–	0.0	–	–	5.9	–	–
60.0	80.0	2.6	–	–	0.0	0.0	–	0.0	–	–	0.0	–	–
60.0	90.0	0.0	–	–	3.3	0.0	–	0.0	–	–	0.0	–	–
63.0	55.0	0.0	–	–	0.0	0.0	–	3.5	–	–	0.0	–	–
63.0	60.0	0.0	–	–	0.0	0.0	–	3.3	–	–	0.0	–	–
63.0	85.0	–	–	–	–	0.0	–	3.4	–	–	–	–	–
63.0	90.0	0.0	–	–	11.4	2.9	–	3.8	–	–	0.0	–	–
67.0	70.0	3.0	–	–	–	0.0	–	0.0	–	–	2.8	–	–
67.0	90.0	0.0	–	–	6.0	–	–	0.0	–	–	2.6	–	–
70.0	80.0	5.8	–	–	0.0	0.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Paralepididae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	90.0	0.0	-	-	0.0	0.0	-	0.0	-	-	2.9	-	-
73.0	55.0	0.0	3.1	-	0.0	0.0	-	0.0	-	-	0.0	-	-
73.0	65.0	-	-	-	2.9	0.0	-	0.0	-	-	-	-	-
73.0	85.0	-	-	-	-	6.0	-	0.0	-	-	-	-	-
77.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.5	-	2.6	0.0	0.0
77.0	80.0	-	-	-	3.1	3.2	0.0	0.0	-	-	0.0	-	-
77.0	85.0	-	-	-	-	0.0	2.4	0.0	-	-	-	-	-
80.0	60.0	2.8	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	80.0	0.0	3.1	-	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
80.0	85.0	-	-	-	3.0	2.9	0.0	0.0	0.0	-	-	-	-
80.0	110.0	-	-	-	-	6.1	-	-	-	-	-	-	-
80.0	120.0	-	-	-	-	2.9	-	-	-	-	-	-	-
83.0	51.0	0.0	2.8	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	60.0	0.0	0.0	-	0.0	0.0	0.0	2.5	0.0	-	0.0	0.0	0.0
83.0	70.0	2.9	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
83.0	80.0	2.8	2.9	-	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
83.0	85.0	-	-	-	3.0	0.0	0.0	6.1	-	-	-	-	-
83.0	90.0	0.0	0.0	-	3.2	0.0	0.0	0.0	0.0	-	0.0	-	-
87.0	60.0	-	1.5	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	70.0	-	3.0	-	0.0	0.0	0.0	2.2	0.0	-	0.0	-	-
87.0	75.0	-	-	-	0.0	3.0	0.0	-	0.0	-	-	-	-
87.0	80.0	-	0.0	-	14.8	2.8	0.0	0.0	0.0	-	2.5	-	-
87.0	85.0	-	-	-	0.0	3.0	0.0	0.0	0.0	-	-	-	-
87.0	90.0	-	0.0	-	2.8	5.9	0.0	0.0	0.0	-	0.0	-	-
90.0	60.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
90.0	65.0	-	-	2.3	-	3.1	0.0	0.0	0.0	0.0	-	-	-
90.0	70.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0
90.0	75.0	-	-	-	14.1	3.1	0.0	0.0	0.0	11.1	-	-	-
90.0	80.0	-	0.0	0.0	0.0	6.8	2.9	3.3	0.0	0.0	0.0	0.0	0.0
90.0	85.0	-	-	-	0.0	3.1	-	0.0	0.0	0.0	-	-	-
90.0	90.0	-	0.0	2.2	2.8	0.0	-	0.0	6.0	0.0	0.0	-	0.0
90.0	120.0	-	-	-	-	2.9	-	-	-	0.0	-	-	-
93.0	40.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	60.0	0.0	0.0	6.2	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	2.8	0.0	0.0	0.0	0.0	33.1	-	-	-
93.0	70.0	0.0	-	2.3	5.6	0.0	0.0	0.0	0.0	5.2	3.3	0.0	0.0
93.0	75.0	-	-	-	2.9	0.0	0.0	0.0	3.1	0.0	-	-	-
93.0	80.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	85.0	-	-	-	0.0	0.0	0.0	0.0	3.1	0.0	-	-	-
93.0	90.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0
97.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.6	-	-
97.0	60.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	0.0	-	-
97.0	70.0	0.0	5.3	-	2.8	0.0	3.2	15.5	2.9	-	0.0	-	-
97.0	75.0	-	-	-	2.7	0.0	0.0	0.0	3.4	-	-	-	-
97.0	80.0	0.0	2.3	-	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-

TABLE 4. (cont.)

Paralepididae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	35.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	50.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	55.0	-	2.3	0.0	0.0	2.9	0.0	0.0	0.0	-	0.0	-	-
100.0	75.0	-	-	-	2.9	0.0	3.0	0.0	0.0	-	-	-	-
100.0	80.0	2.7	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	40.0	0.0	2.6	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
103.0	60.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	65.0	-	-	-	0.0	0.0	0.0	0.0	3.0	-	-	-	-
103.0	70.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	75.0	-	-	-	0.0	0.0	0.0	0.0	2.6	-	-	-	-
103.0	80.0	2.7	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
107.0	45.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-	-	-	-
107.0	85.0	-	-	-	0.0	0.0	0.0	16.0	3.3	-	-	-	-
107.0	90.0	0.0	-	-	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
110.0	50.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
110.0	65.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	-	-	-	-
110.0	75.0	-	-	-	0.0	0.0	0.0	2.8	0.0	-	-	-	-
110.0	80.0	0.0	0.0	0.0	0.0	0.0	2.8	2.7	0.0	-	0.0	-	-
110.0	85.0	-	-	-	0.0	0.0	0.0	7.8	-	-	-	-	-
113.0	40.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	-
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	3.5	-	0.0	-	-
113.0	55.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.1	-	-
113.0	70.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	-	0.0	-	-
113.0	80.0	0.0	-	0.0	0.0	0.0	2.9	0.0	3.2	-	0.0	-	-
113.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	3.1	-	-
117.0	65.0	-	0.0	0.0	0.0	0.0	3.1	0.0	0.0	-	-	-	-
117.0	80.0	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	-	0.0	-	-
117.0	90.0	0.0	-	-	0.0	0.0	0.0	2.6	-	-	0.0	-	-
120.0	80.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	2.9	-	0.0	-	-
120.0	90.0	0.0	0.0	0.0	2.7	5.9	3.1	0.0	-	-	0.0	-	-
123.0	55.0	-	0.0	0.0	-	0.0	2.8	0.0	0.0	-	0.0	-	-
127.0	50.0	2.6	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.8	-	-
127.0	60.0	0.0	0.0	0.0	-	0.0	0.0	2.9	0.0	-	0.0	-	-
127.0	70.0	0.0	-	-	-	0.0	0.0	0.0	2.9	-	0.0	-	-
130.0	40.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	-	-
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	-
130.0	50.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0	-	0.0	-	-
130.0	65.0	-	-	-	-	-	0.0	2.9	0.0	-	-	-	-
133.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-	0.0	-	-
133.0	50.0	0.0	0.0	0.0	3.1	-	0.0	0.0	0.0	-	0.0	-	-
137.0	40.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0	-	-

TABLE 4. (cont.)

Paralepididae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0 55.0	0.0	–	–	0.0	–	–	7.6	0.0	–	0.0	–	–
143.0 30.0	0.0	–	–	0.0	–	–	–	1.3	–	–	–	–
143.0 50.0	5.2	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0 70.0	–	–	–	–	–	–	–	3.6	–	–	–	–
147.0 30.0	0.0	–	–	0.0	–	–	–	4.0	–	–	–	–
147.0 35.0	0.0	–	–	0.0	–	–	–	3.3	–	–	–	–
147.0 50.0	0.0	–	–	2.9	–	–	–	0.0	–	–	–	–
147.0 60.0	0.0	–	–	2.9	–	–	–	0.0	–	–	–	–
150.0 25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
150.0 45.0	0.0	–	–	–	–	–	–	4.8	–	–	–	–
153.0 16.0	0.0	–	–	–	–	–	–	1.7	–	–	–	–
153.0 25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
153.0 70.0	2.9	–	–	–	–	–	–	–	–	–	–	–
157.0 10.0	8.9	–	–	–	–	–	–	–	–	–	–	–
157.0 15.0	3.2	–	–	–	–	–	–	–	–	–	–	–
157.0 80.0	2.6	–	–	–	–	–	–	–	–	–	–	–

Scopelosaurus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0 90.0	–	–	–	–	–	–	–	–	–	2.0	–	–
60.0 80.0	0.0	–	–	0.0	5.3	–	0.0	–	–	0.0	–	–
73.0 70.0	0.0	0.0	–	0.0	3.0	–	0.0	–	–	0.0	–	–
77.0 60.0	0.0	0.0	–	0.0	0.0	3.2	0.0	0.0	–	0.0	0.0	0.0
77.0 80.0	–	–	–	0.0	3.2	0.0	0.0	–	–	0.0	–	–
77.0 85.0	–	–	–	–	2.8	0.0	0.0	–	–	–	–	–
80.0 110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
80.0 120.0	–	–	–	–	8.7	–	–	–	–	–	–	–
80.0 130.0	–	–	–	–	2.8	–	–	–	–	–	–	–
80.0 145.0	–	–	–	–	2.9	–	–	–	–	–	–	–
83.0 80.0	0.0	0.0	–	0.0	2.4	0.0	0.0	0.0	–	0.0	–	–
87.0 85.0	–	–	–	3.0	0.0	0.0	0.0	0.0	–	–	–	–
87.0 90.0	–	0.0	–	0.0	5.9	0.0	0.0	0.0	–	0.0	–	–
90.0 70.0	–	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
90.0 75.0	–	–	–	0.0	3.1	0.0	0.0	0.0	0.0	–	–	–
93.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0

Scopelarchidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 80.0	0.0	–	–	0.0	0.0	–	2.8	–	–	0.0	–	–
77.0 55.0	0.0	3.2	–	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0 80.0	0.0	3.1	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
80.0 100.0	–	–	–	–	2.9	–	–	–	–	–	–	–

TABLE 4. (cont.)

Scopelarchidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0 130.0	-	-	-	-	2.8	-	-	-	-	-	-	-
83.0 55.0	0.0	0.0	-	2.7	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0 65.0	-	-	-	0.0	0.0	3.0	0.0	0.0	-	-	-	-
87.0 70.0	-	0.0	-	0.0	0.0	0.0	2.2	0.0	-	0.0	-	-
87.0 75.0	-	-	-	2.9	0.0	0.0	-	0.0	-	-	-	-
87.0 80.0	-	0.0	-	0.0	0.0	3.1	0.0	0.0	-	0.0	-	-
90.0 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 90.0	-	0.0	2.2	0.0	0.0	-	0.0	0.0	0.0	2.8	-	0.0
90.0 130.0	-	-	-	-	2.8	-	-	-	-	-	-	-
93.0 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
93.0 55.0	3.2	2.9	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0
93.0 80.0	2.8	0.0	2.6	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0 90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	-	0.0
97.0 32.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	2.9	-	-
97.0 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.9	-	-
97.0 55.0	0.0	0.0	0.0	-	0.0	0.0	-	0.0	-	3.0	-	-
97.0 70.0	0.0	0.0	-	0.0	0.0	0.0	3.1	0.0	-	0.0	-	-
97.0 80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	2.9	-	-
100.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	3.0	-	-
100.0 55.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-
100.0 60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-
100.0 75.0	-	-	-	0.0	0.0	0.0	0.0	3.2	-	-	-	-
100.0 80.0	0.0	2.6	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0 85.0	-	-	-	0.0	0.0	0.0	3.3	3.1	-	-	-	-
100.0 90.0	0.0	0.0	-	0.0	0.0	0.0	0.0	6.3	-	2.3	-	-
103.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	0.0	-	-
103.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	-	0.0	-	-
103.0 60.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0	-	-
103.0 65.0	-	-	-	0.0	0.0	2.8	0.0	0.0	-	-	-	-
103.0 80.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	-	2.5	-	-
103.0 90.0	0.0	-	-	0.0	0.0	0.0	0.0	6.6	-	0.0	-	-
107.0 80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	15.2	-	0.0	-	-
107.0 85.0	-	-	-	0.0	0.0	0.0	0.0	13.0	-	-	-	-
107.0 90.0	0.0	-	-	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
110.0 35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	-
110.0 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	-
110.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-	0.0	-	-
110.0 60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0	-	-
110.0 70.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-	0.0	-	-
110.0 80.0	2.8	0.0	0.0	0.0	0.0	0.0	2.7	0.0	-	0.0	-	-
113.0 35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	-	-
113.0 45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	-	0.0	-	-
113.0 50.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0 55.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0 70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.7	-	-

TABLE 4. (cont.)

Scopelarchidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	75.0	-	-	-	0.0	0.0	0.0	3.2	6.2	-	-	-	-
113.0	80.0	0.0	-	0.0	0.0	0.0	0.0	3.0	0.0	-	3.0	-	-
115.0	35.0	-	-	-	-	-	-	-	-	2.8	-	-	-
115.0	40.0	-	-	-	-	-	-	-	-	2.3	-	-	-
117.0	55.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
117.0	75.0	-	-	-	0.0	0.0	0.0	4.7	0.0	-	-	-	-
117.0	80.0	0.0	-	0.0	0.0	0.0	0.0	5.8	0.0	-	0.0	-	-
117.0	85.0	-	-	-	0.0	0.0	0.0	2.7	-	-	-	-	-
117.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	-	-	2.7	-	-
120.0	55.0	2.5	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	-	2.7	-	-
120.0	75.0	-	-	-	0.0	-	0.0	9.3	0.0	-	-	-	-
120.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	2.7	-	-
120.0	90.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-
123.0	55.0	-	0.0	0.0	-	2.9	0.0	0.0	0.0	-	0.0	-	-
127.0	45.0	0.0	0.0	0.0	-	0.0	2.6	0.0	0.0	0.0	0.0	-	-
127.0	55.0	-	0.0	0.0	-	0.0	0.0	2.8	0.0	-	0.0	-	-
127.0	60.0	0.0	0.0	0.0	-	2.6	0.0	5.8	0.0	-	0.0	-	-
127.0	65.0	-	-	-	-	0.0	0.0	0.0	9.3	-	-	-	-
127.0	70.0	0.0	-	-	-	0.0	0.0	0.0	5.7	-	0.0	-	-
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	-	-
130.0	65.0	-	-	-	-	-	0.0	2.9	0.0	-	-	-	-
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
137.0	80.0	2.5	-	-	0.0	-	-	0.0	-	-	-	-	-
147.0	30.0	2.8	-	-	0.0	-	-	-	0.0	-	-	-	-
150.0	50.0	0.0	-	-	-	-	-	-	1.1	-	-	-	-
153.0	25.0	0.0	-	-	-	-	-	-	1.9	-	-	-	-
153.0	30.0	2.9	-	-	-	-	-	-	-	-	-	-	-
157.0	70.0	1.8	-	-	-	-	-	-	-	-	-	-	-

Myctophidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	55.0	-	-	-	-	-	-	-	-	-	2.9	-	-
50.0	80.0	-	-	-	-	-	-	2.9	-	-	0.0	-	-
63.0	52.0	0.0	-	-	0.0	-	-	6.5	-	-	0.0	-	-
73.0	70.0	0.0	0.0	-	0.0	3.0	-	6.5	-	-	0.0	-	-
73.0	80.0	-	-	-	0.0	3.0	-	0.0	-	-	0.0	-	-
73.0	90.0	-	-	-	0.0	0.0	-	0.0	-	-	2.3	-	-
77.0	70.0	0.0	2.5	-	0.0	0.0	0.0	0.0	-	-	0.0	0.0	0.0
77.0	85.0	-	-	-	-	0.0	0.0	3.2	-	-	-	-	-
80.0	70.0	0.0	0.0	-	0.0	2.8	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	100.0	-	-	-	-	2.9	-	-	-	-	-	-	-
80.0	110.0	-	-	-	-	3.1	-	-	-	-	-	-	-
80.0	120.0	-	-	-	-	2.9	-	-	-	-	-	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	145.0	-	-	-	-	2.9	-	-	-	-	-	-	-
83.0	80.0	0.0	2.9	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
87.0	90.0	-	0.0	-	0.0	0.0	5.5	0.0	0.0	-	0.0	-	-
90.0	60.0	-	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	70.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0
90.0	75.0	-	-	-	0.0	3.1	0.0	0.0	0.0	0.0	-	-	-
90.0	80.0	-	1.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	145.0	-	-	-	-	2.8	-	-	-	-	-	-	-
93.0	28.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0
93.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0
93.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
93.0	65.0	-	-	-	0.0	2.9	0.0	0.0	0.0	2.8	-	-	-
93.0	75.0	-	-	-	0.0	3.0	0.0	0.0	0.0	0.0	-	-	-
93.0	80.0	0.0	0.0	5.3	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0
93.0	85.0	-	-	-	0.0	3.1	0.0	0.0	6.1	0.0	-	-	-
93.0	90.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	-	-	0.0
93.0	110.0	-	-	-	-	-	-	-	-	2.7	-	-	-
97.0	35.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
97.0	55.0	0.0	0.0	0.0	-	3.0	2.9	-	0.0	-	3.0	-	-
97.0	60.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	70.0	0.0	2.6	-	0.0	0.0	3.2	0.0	0.0	-	0.0	-	-
97.0	85.0	-	-	-	0.0	2.8	7.0	0.0	0.0	-	-	-	-
100.0	40.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
100.0	45.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	55.0	-	4.6	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	-	0.0	-	-
100.0	75.0	-	-	-	0.0	0.0	0.0	0.0	6.3	-	-	-	-
100.0	90.0	0.0	2.4	-	0.0	0.0	0.0	0.0	0.0	-	4.7	-	-
103.0	30.0	0.0	0.0	0.0	0.0	0.0	1.7	-	0.0	-	0.0	-	-
103.0	45.0	0.0	0.0	0.0	0.0	3.1	2.8	0.0	8.5	-	0.0	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	-	0.0	-	-
103.0	55.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	9.1	-	0.0	-	-
103.0	60.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	6.0	-	0.0	-	-
103.0	80.0	2.7	-	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	85.0	-	-	-	0.0	0.0	0.0	0.0	3.2	-	-	-	-
103.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	3.3	-	0.0	-	-
107.0	32.0	5.4	0.0	0.0	0.0	2.8	2.8	2.8	0.0	-	0.0	-	-
107.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
107.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	-	0.0	-	-
107.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	-	6.1	-	-
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0	-	-
107.0	65.0	-	-	-	0.0	0.0	0.0	2.9	0.0	-	-	-	-
107.0	70.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	75.0	-	-	-	0.0	0.0	0.0	0.0	3.0	-	-	-	-
107.0	85.0	-	-	-	2.5	0.0	0.0	0.0	13.0	-	-	-	-
107.0	90.0	2.8	-	-	0.0	0.0	0.0	2.8	18.2	-	0.0	-	-
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	-	-
110.0	40.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	45.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	9.0	-	0.0	-	-
110.0	50.0	0.0	3.1	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0	-	-
110.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	-	0.0	-	-
110.0	65.0	-	0.0	0.0	0.0	2.9	0.0	2.4	6.3	-	-	-	-
110.0	70.0	0.0	0.0	2.7	0.0	3.3	0.0	0.0	0.0	-	0.0	-	-
110.0	75.0	-	-	-	0.0	5.7	0.0	8.3	6.2	-	-	-	-
110.0	80.0	0.0	0.0	0.0	0.0	0.0	5.5	2.7	0.0	-	0.0	-	-
110.0	85.0	-	-	-	0.0	0.0	2.8	0.0	-	-	-	-	-
110.0	90.0	0.0	0.0	0.0	-	2.9	0.0	0.0	-	-	0.0	-	-
113.0	35.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	9.7	0.0	0.0	-	-
113.0	40.0	-	0.0	0.0	0.0	0.0	0.0	32.5	0.0	5.4	0.0	-	-
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	3.5	-	5.9	-	-
113.0	50.0	3.0	0.0	0.0	0.0	3.4	0.0	0.0	8.8	-	0.0	-	-
113.0	55.0	0.0	0.0	9.5	0.0	0.0	2.7	0.0	0.0	-	0.0	-	-
113.0	65.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	-	-	-
113.0	70.0	0.0	0.0	3.3	0.0	5.7	0.0	3.0	16.3	-	0.0	-	-
113.0	75.0	-	-	-	0.0	0.0	0.0	110.6	12.4	-	-	-	-
113.0	80.0	0.0	-	0.0	0.0	0.0	5.8	41.7	9.6	-	0.0	-	-
113.0	85.0	-	-	-	0.0	3.0	0.0	0.0	-	-	-	-	-
113.0	90.0	0.0	-	-	0.0	3.1	0.0	0.0	-	-	0.0	-	-
115.0	30.0	-	-	-	-	-	-	-	-	2.4	-	-	-
117.0	26.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	-	-
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.4	-	0.0	-	-
117.0	55.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	-	0.0	-	-
117.0	60.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	6.0	-	-
117.0	65.0	-	0.0	0.0	0.0	0.0	15.5	0.0	6.0	-	-	-	-
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	-	0.0	-	-
117.0	75.0	-	-	-	0.0	0.0	0.0	0.0	25.6	-	-	-	-
117.0	80.0	0.0	-	2.8	0.0	0.0	0.0	5.8	0.0	-	0.0	-	-
117.0	85.0	-	-	-	0.0	2.9	0.0	0.0	-	-	-	-	-
117.0	90.0	0.0	-	-	0.0	0.0	0.0	2.6	-	-	0.0	-	-
118.0	39.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	-	-
120.0	50.0	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
120.0	55.0	0.0	2.4	3.1	0.0	5.5	0.0	0.0	0.0	-	0.0	-	-
120.0	60.0	0.0	0.0	0.0	0.0	5.5	0.0	9.1	0.0	-	0.0	-	-
120.0	65.0	-	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	-	-	-
120.0	70.0	0.0	0.0	0.0	2.8	5.5	0.0	3.0	0.0	-	2.7	-	-
120.0	80.0	0.0	0.0	0.0	0.0	10.5	3.0	0.0	5.7	-	0.0	-	-
120.0	85.0	-	-	-	2.7	6.7	0.0	0.0	-	-	-	-	-
120.0	90.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	37.0	0.0	4.8	0.0	–	0.0	0.0	0.0	14.8	0.0	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	29.6	11.8	0.0	0.0	0.0	0.0	–	–
123.0	45.0	0.0	3.2	3.7	–	0.0	0.0	0.0	–	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	11.9	2.9	0.0	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	20.4	33.2	0.0	0.0	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	8.4	0.0	0.0	0.0	–	0.0	–	–
123.0	70.0	0.0	–	–	–	10.6	0.0	0.0	0.0	–	2.5	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	8.1	0.0	0.0	0.0	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	36.8	0.0	0.0	5.1	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	5.4	66.2	0.0	0.0	–	0.0	–	–
127.0	55.0	–	0.0	6.2	–	0.0	13.8	25.5	2.6	–	0.0	–	–
127.0	60.0	0.0	8.9	0.0	–	0.0	0.0	14.5	0.0	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	15.4	–	–	–	–
127.0	70.0	0.0	–	–	–	8.3	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	3.0	0.0	0.0	–	–
130.0	40.0	0.0	0.0	14.3	0.0	7.9	0.0	0.0	0.0	0.0	0.0	–	–
130.0	50.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	–	0.0	–	–
130.0	55.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	–	0.0	–	–
130.0	60.0	0.0	2.7	5.8	0.0	0.0	5.9	0.0	8.4	–	0.0	–	–
130.0	65.0	–	–	–	–	–	2.8	0.0	0.0	–	–	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	–	–
133.0	35.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	40.0	0.0	2.6	5.9	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	45.0	0.0	0.0	3.0	0.0	0.0	2.7	0.0	6.1	–	0.0	–	–
133.0	50.0	0.0	0.0	6.2	0.0	–	0.0	0.0	0.0	–	0.0	–	–
133.0	55.0	0.0	–	–	0.0	–	–	0.0	0.8	–	0.0	–	–
133.0	60.0	0.0	–	–	0.0	–	–	5.9	0.0	–	0.0	–	–
133.0	65.0	–	–	–	–	–	–	13.7	–	–	–	–	–
134.0	36.0	1.7	3.2	0.0	0.0	–	0.0	0.0	2.3	0.0	0.0	–	–
137.0	30.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	–	0.0	0.0	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.0	–	–
137.0	45.0	0.0	0.0	3.0	5.6	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	20.2	0.0	0.0	2.3	–	0.0	–	–
137.0	55.0	2.1	–	–	0.0	–	–	10.1	0.0	–	0.0	–	–
137.0	60.0	0.0	–	–	2.5	–	–	0.0	–	–	0.0	–	–
137.0	80.0	0.0	–	–	0.0	–	–	2.7	–	–	–	–	–
140.0	40.0	3.0	–	–	0.0	–	–	–	0.0	–	–	–	–
140.0	50.0	0.0	–	–	0.0	–	–	–	3.3	–	–	–	–
140.0	60.0	0.0	–	–	2.8	–	–	–	7.0	–	–	–	–
143.0	35.0	2.6	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	40.0	1.7	–	–	5.1	–	–	–	0.0	–	–	–	–
143.0	45.0	5.0	–	–	2.6	–	–	–	0.0	–	–	–	–
143.0	50.0	5.2	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	60.0	2.2	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	20.0	0.0	–	–	3.2	–	–	–	0.0	–	–	–	–
147.0	25.0	2.0	–	–	0.0	–	–	–	0.0	–	–	–	–

TABLE 4. (cont.)

Myctophidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	35.0	3.0	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	40.0	0.0	–	–	0.0	–	–	–	2.1	–	–	–	–
147.0	45.0	0.0	–	–	2.8	–	–	–	0.0	–	–	–	–
147.0	55.0	0.0	–	–	3.0	–	–	–	0.0	–	–	–	–
150.0	40.0	2.6	–	–	–	–	–	–	0.0	–	–	–	–
150.0	55.0	0.0	–	–	–	–	–	–	5.6	–	–	–	–
153.0	70.0	2.9	–	–	–	–	–	–	–	–	–	–	–
157.0	20.0	2.5	–	–	–	–	–	–	–	–	–	–	–
157.0	25.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	30.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	55.0	2.4	–	–	–	–	–	–	–	–	–	–	–
157.0	70.0	1.8	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	5.2	–	–	–	–	–	–	–	–	–	–	–

Ceratoscopelus townsendi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	85.0	–	–	–	–	–	–	2.8	–	–	–	–	–
60.0	75.0	–	–	–	–	1.9	–	0.0	–	–	–	–	–
60.0	85.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
60.0	90.0	0.0	–	–	3.3	0.0	–	0.0	–	–	0.0	–	–
63.0	90.0	0.0	–	–	8.5	0.0	–	0.0	–	–	0.0	–	–
80.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
80.0	100.0	–	–	–	–	11.5	–	–	–	–	–	–	–
80.0	110.0	–	–	–	–	52.0	–	–	–	–	–	–	–
80.0	120.0	–	–	–	–	8.7	–	–	–	–	–	–	–
80.0	130.0	–	–	–	–	8.3	–	–	–	–	–	–	–
83.0	60.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	0.0	0.0	0.0	3.0	–	–	–	–
83.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	6.4	–	0.0	–	–
83.0	90.0	0.0	0.0	–	6.3	0.0	0.0	0.0	0.0	–	0.0	–	–
87.0	70.0	–	0.0	–	0.0	0.0	3.3	0.0	0.0	–	0.0	–	–
87.0	80.0	–	0.0	–	0.0	0.0	15.3	0.0	0.0	–	0.0	–	–
87.0	85.0	–	–	–	3.0	0.0	0.0	2.8	0.0	–	–	–	–
87.0	90.0	–	0.0	–	0.0	5.9	2.8	0.0	0.0	–	0.0	–	–
90.0	75.0	–	–	–	2.8	3.1	0.0	0.0	0.0	0.0	–	–	–
90.0	80.0	–	0.0	2.6	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	85.0	–	–	–	0.0	3.1	–	0.0	0.0	0.0	–	–	–
90.0	90.0	–	0.0	2.2	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
90.0	100.0	–	–	–	–	0.0	–	–	–	2.9	–	–	0.0
90.0	120.0	–	–	–	–	14.6	–	–	–	0.0	–	–	–
90.0	130.0	–	–	–	–	16.9	–	–	–	–	–	–	–
90.0	145.0	–	–	–	–	11.4	–	–	–	–	–	–	–
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
93.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	60.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	0.0	0.0	0.0	0.0	0.0	8.3	-	-	-
93.0	70.0	0.0	-	0.0	0.0	3.0	3.0	0.0	0.0	5.2	13.3	0.0	0.0
93.0	80.0	0.0	2.7	5.3	0.0	0.0	0.0	3.4	0.0	0.0	5.6	0.0	0.0
93.0	85.0	-	-	-	0.0	3.1	3.1	8.9	0.0	2.6	-	-	-
93.0	90.0	5.4	12.0	2.3	2.9	6.2	3.8	0.0	25.8	2.8	-	-	0.0
93.0	100.0	-	-	-	-	-	-	-	-	11.2	-	-	3.0
93.0	110.0	-	-	-	-	-	-	-	-	2.7	-	-	-
97.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	7.7	-	-
97.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
97.0	70.0	0.0	2.6	-	2.8	5.9	0.0	0.0	0.0	-	2.9	-	-
97.0	75.0	-	-	-	2.7	0.0	6.1	0.0	6.8	-	-	-	-
97.0	80.0	0.0	0.0	-	0.0	0.0	7.8	0.0	0.0	-	0.0	-	-
97.0	85.0	-	-	-	2.9	0.0	0.0	0.0	3.0	-	-	-	-
97.0	90.0	7.4	2.6	-	0.0	0.0	0.0	13.8	45.0	-	19.8	-	-
100.0	40.0	-	0.0	10.4	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	55.0	-	0.0	0.0	0.0	0.0	0.0	2.5	3.1	-	6.1	-	-
100.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.6	-	2.9	-	-
100.0	65.0	-	-	-	0.0	0.0	0.0	-	3.2	-	-	-	-
100.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-
100.0	75.0	-	-	-	2.9	0.0	3.0	0.0	6.3	-	-	-	-
100.0	80.0	0.0	2.6	-	0.0	0.0	10.0	0.0	0.0	-	0.0	-	-
100.0	85.0	-	-	-	0.0	0.0	9.8	0.0	12.6	-	-	-	-
100.0	90.0	0.0	0.0	-	0.0	0.0	0.0	0.0	34.5	-	11.8	-	-
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	2.7	-	-
103.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	-	9.0	-	0.0	-	-
103.0	45.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	11.4	0.0	30.9	-	0.0	-	-
103.0	55.0	0.0	0.0	2.4	0.0	0.0	11.3	0.0	45.3	-	2.7	-	-
103.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.9	-	2.8	-	-
103.0	65.0	-	-	-	0.0	0.0	8.5	0.0	36.0	-	-	-	-
103.0	70.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	6.6	-	0.0	-	-
103.0	75.0	-	-	-	5.7	0.0	0.0	0.0	20.7	-	-	-	-
103.0	80.0	0.0	-	2.9	0.0	0.0	0.0	0.0	12.9	-	0.0	-	-
103.0	85.0	-	-	-	2.3	17.8	0.0	0.0	12.6	-	-	-	-
103.0	90.0	0.0	-	-	5.6	0.0	0.0	13.6	23.0	-	6.0	-	-
107.0	32.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
107.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	-	2.5	-	-
107.0	40.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	-	0.0	-	-
107.0	45.0	0.0	0.0	0.0	9.8	0.0	0.0	0.0	6.6	-	0.0	-	-
107.0	50.0	0.0	4.6	0.0	18.0	0.0	0.0	0.0	10.0	-	0.0	-	-
107.0	55.0	0.0	0.0	0.0	10.2	6.1	0.0	0.0	0.0	-	-	-	-
107.0	60.0	0.0	2.4	2.5	11.1	5.7	0.0	0.0	3.2	-	2.3	-	-
107.0	65.0	-	-	-	0.0	14.9	14.8	0.0	0.0	-	-	-	-
107.0	70.0	0.0	-	0.0	0.0	6.3	0.0	63.7	6.1	-	16.9	-	-
107.0	75.0	-	-	-	2.8	3.0	11.0	0.0	72.5	-	-	-	-

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	80.0	0.0	-	0.0	0.0	0.0	8.0	0.0	33.4	-	12.1	-	-
107.0	85.0	-	-	-	2.5	8.9	5.7	0.0	35.8	-	-	-	-
107.0	90.0	0.0	-	-	0.0	9.5	20.1	5.6	9.1	-	66.7	-	-
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	-	-
110.0	35.0	0.0	0.0	0.0	0.0	2.7	0.0	2.9	0.0	0.0	0.0	-	-
110.0	40.0	0.0	0.0	0.0	0.0	2.7	2.9	0.0	0.0	0.0	2.5	-	-
110.0	45.0	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	-	0.0	-	-
110.0	50.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	-	0.0	-	-
110.0	55.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	14.9	-	0.0	-	-
110.0	60.0	0.0	0.0	2.7	0.0	0.0	2.6	2.7	65.9	-	0.0	-	-
110.0	65.0	-	0.0	0.0	2.8	0.0	0.0	0.0	25.3	-	-	-	-
110.0	70.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	18.9	-	19.8	-	-
110.0	75.0	-	-	-	0.0	0.0	5.4	11.1	9.3	-	-	-	-
110.0	80.0	0.0	11.8	0.0	0.0	0.0	2.8	205.5	3.2	-	0.0	-	-
110.0	85.0	-	-	-	0.0	2.9	2.8	2.6	-	-	-	-	-
110.0	90.0	4.1	8.1	0.0	-	2.9	2.9	2.4	-	-	6.8	-	-
113.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.3	2.5	0.0	-	-
113.0	40.0	-	0.0	0.0	0.0	0.0	0.0	23.6	38.5	0.0	0.0	-	-
113.0	45.0	0.0	2.5	0.0	5.1	0.0	0.0	2.8	3.5	-	0.0	-	-
113.0	50.0	0.0	0.0	0.0	5.2	3.4	0.0	0.0	17.6	-	0.0	-	-
113.0	55.0	2.1	0.0	0.0	0.0	0.0	5.3	0.0	12.2	-	0.0	-	-
113.0	60.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	16.3	-	0.0	-	-
113.0	65.0	-	0.0	0.0	2.1	6.5	0.0	3.0	18.1	-	-	-	-
113.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	152.8	-	2.7	-	-
113.0	75.0	-	-	-	12.9	0.0	2.7	278.1	52.5	-	-	-	-
113.0	80.0	15.4	-	0.0	4.5	0.0	2.9	128.1	32.1	-	12.1	-	-
113.0	85.0	-	-	-	0.0	0.0	9.0	30.0	-	-	-	-	-
113.0	90.0	0.0	-	-	0.0	0.0	5.8	0.0	-	-	9.2	-	-
115.0	40.0	-	-	-	-	-	-	-	-	2.3	-	-	-
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	-
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	-	-
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.4	-	0.0	-	-
117.0	50.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	6.5	-	0.0	-	-
117.0	55.0	0.0	0.0	0.0	2.7	0.0	3.1	0.0	3.0	-	0.0	-	-
117.0	60.0	0.0	10.1	2.9	2.6	0.0	0.0	0.0	0.0	-	0.0	-	-
117.0	65.0	-	0.0	0.0	14.3	0.0	9.3	0.0	3.0	-	-	-	-
117.0	70.0	0.0	8.4	8.4	2.8	0.0	3.1	0.0	0.0	-	0.0	-	-
117.0	75.0	-	-	-	2.5	0.0	0.0	0.0	5.7	-	-	-	-
117.0	80.0	0.0	-	0.0	0.0	0.0	0.0	5.8	14.6	-	3.0	-	-
117.0	85.0	-	-	-	0.0	2.9	0.0	0.0	-	-	-	-	-
117.0	90.0	0.0	-	-	5.6	0.0	0.0	10.3	-	-	5.4	-	-
118.0	39.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	-	-
120.0	50.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	2.7	-	0.0	-	-
120.0	55.0	0.0	0.0	0.0	2.8	0.0	11.2	0.0	0.0	-	0.0	-	-
120.0	60.0	0.0	0.0	0.0	9.8	0.0	22.1	0.0	0.0	-	0.0	-	-
120.0	65.0	-	0.0	0.0	10.2	0.0	6.0	0.0	0.0	-	-	-	-

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	70.0	0.0	0.0	2.8	0.0	2.8	44.8	3.0	0.0	-	10.8	-	-
120.0	75.0	-	-	-	0.0	-	0.0	3.1	0.0	-	-	-	-
120.0	80.0	0.0	0.0	0.0	0.0	94.3	3.0	8.5	74.6	-	5.5	-	-
120.0	85.0	-	-	-	8.0	16.7	11.7	2.6	-	-	-	-	-
120.0	90.0	8.5	0.0	0.0	2.7	41.3	30.7	5.4	-	-	2.9	-	-
123.0	37.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	-	-
123.0	55.0	-	6.2	0.0	-	20.4	30.5	0.0	0.0	-	0.0	-	-
123.0	60.0	0.0	0.0	0.0	-	22.5	0.0	0.0	0.0	-	0.0	-	-
123.0	65.0	-	-	-	-	0.0	8.2	0.0	0.0	-	-	-	-
123.0	70.0	0.0	-	-	-	14.2	2.9	8.2	5.7	-	30.5	-	-
123.0	80.0	2.6	-	-	-	-	-	-	-	-	-	-	-
127.0	45.0	0.0	0.0	0.0	-	0.0	2.6	0.0	0.0	0.0	0.0	-	-
127.0	50.0	0.0	0.0	0.0	-	2.7	51.8	2.8	0.0	-	0.0	-	-
127.0	55.0	-	0.0	0.0	-	0.0	96.6	2.8	0.0	-	0.0	-	-
127.0	60.0	0.0	0.0	0.0	-	2.6	21.1	31.9	8.5	-	0.0	-	-
127.0	65.0	-	-	-	-	0.0	2.8	5.8	15.4	-	-	-	-
127.0	70.0	0.0	-	-	-	5.5	0.0	10.5	20.0	-	0.0	-	-
127.0	80.0	2.7	-	-	-	-	-	-	-	-	-	-	-
130.0	30.0	0.0	0.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	4.8	-	-
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	-	-
130.0	40.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	2.3	0.0	0.0	-	-
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	-	-
130.0	55.0	0.0	0.0	9.0	0.0	32.9	0.0	0.0	2.0	-	0.0	-	-
130.0	60.0	0.0	0.0	0.0	0.0	21.4	3.0	0.0	1.9	-	0.0	-	-
130.0	65.0	-	-	-	-	-	5.7	2.9	0.0	-	-	-	-
130.0	70.0	-	-	-	-	-	11.6	0.0	0.0	-	0.0	-	-
133.0	35.0	0.0	0.0	0.0	0.0	0.0	12.9	0.0	0.0	-	0.0	-	-
133.0	45.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	2.0	-	0.0	-	-
133.0	50.0	2.3	0.0	3.1	3.1	-	0.0	0.0	3.3	-	2.8	-	-
133.0	55.0	2.0	-	-	5.3	-	-	0.0	0.0	-	0.0	-	-
133.0	60.0	0.0	-	-	2.5	-	-	0.0	22.6	-	0.0	-	-
133.0	65.0	-	-	-	-	-	-	10.9	-	-	-	-	-
133.0	70.0	-	-	-	-	-	-	2.8	0.0	-	2.7	-	-
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.4	-	-
137.0	50.0	0.0	0.0	11.7	0.0	43.8	0.0	17.1	0.0	-	0.0	-	-
137.0	55.0	0.0	-	-	0.0	-	-	5.1	0.0	-	0.0	-	-
137.0	60.0	0.0	-	-	5.0	-	-	2.6	-	-	2.8	-	-
137.0	65.0	-	-	-	-	-	-	2.8	-	-	-	-	-
137.0	70.0	0.0	-	-	0.0	-	-	2.7	-	-	0.0	-	-
137.0	80.0	0.0	-	-	19.5	-	-	0.0	-	-	-	-	-
140.0	35.0	2.3	-	-	0.0	-	-	-	0.0	-	-	-	-
140.0	40.0	0.0	-	-	0.0	-	-	-	2.3	-	-	-	-
140.0	45.0	0.0	-	-	0.0	-	-	-	0.9	-	-	-	-
140.0	50.0	0.0	-	-	5.8	-	-	-	1.6	-	-	-	-
140.0	55.0	1.9	-	-	0.0	-	-	-	0.0	-	-	-	-
140.0	60.0	2.9	-	-	0.0	-	-	-	0.0	-	-	-	-

TABLE 4. (cont.)

Ceratoscopelus townsendi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	40.0	0.0	–	–	2.6	–	–	–	0.0	–	–	–	–
143.0	45.0	0.0	–	–	0.0	–	–	–	6.6	–	–	–	–
143.0	50.0	0.0	–	–	0.0	–	–	–	1.4	–	–	–	–
143.0	60.0	0.0	–	–	0.0	–	–	–	3.9	–	–	–	–
143.0	70.0	–	–	–	–	–	–	–	14.3	–	–	–	–
147.0	45.0	0.0	–	–	0.0	–	–	–	1.3	–	–	–	–
150.0	50.0	0.0	–	–	–	–	–	–	2.3	–	–	–	–
150.0	55.0	0.0	–	–	–	–	–	–	5.6	–	–	–	–
150.0	60.0	0.0	–	–	–	–	–	–	2.0	–	–	–	–

Diaphus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	70.0	0.0	–	–	0.0	0.0	–	5.7	–	–	2.2	–	–
60.0	75.0	–	–	–	–	1.9	–	0.0	–	–	–	–	–
60.0	85.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
60.0	90.0	0.0	–	–	0.0	0.0	–	2.5	–	–	0.0	–	–
63.0	60.0	0.0	–	–	0.0	0.0	–	10.0	–	–	0.0	–	–
63.0	65.0	–	–	–	–	0.0	–	3.3	–	–	–	–	–
63.0	70.0	0.0	–	–	–	0.0	–	23.2	–	–	0.0	–	–
63.0	80.0	–	–	–	–	0.0	–	3.3	–	–	2.4	–	–
63.0	85.0	–	–	–	–	12.5	–	3.4	–	–	–	–	–
63.0	90.0	0.0	–	–	0.0	0.0	–	18.8	–	–	0.0	–	–
67.0	55.0	0.0	–	–	0.0	3.4	–	3.1	–	–	0.0	–	–
67.0	75.0	–	–	–	–	0.0	–	13.2	–	–	–	–	–
67.0	80.0	–	–	–	–	0.0	–	20.0	–	–	0.0	–	–
67.0	85.0	–	–	–	–	–	–	13.6	–	–	–	–	–
67.0	90.0	0.0	–	–	0.0	–	–	7.8	–	–	5.2	–	–
70.0	75.0	–	–	–	–	0.0	–	12.4	–	–	–	–	–
70.0	80.0	0.0	–	–	0.0	0.0	–	3.4	–	–	0.0	–	–
70.0	85.0	–	–	–	–	0.0	–	44.7	–	–	–	–	–
70.0	90.0	0.0	–	–	0.0	0.0	–	134.6	–	–	0.0	–	–
73.0	60.0	0.0	0.0	–	0.0	0.0	–	3.0	–	–	0.0	–	–
73.0	75.0	–	–	–	–	0.0	–	6.1	–	–	–	–	–
73.0	90.0	–	–	–	0.0	5.8	–	3.2	–	–	0.0	–	–
77.0	65.0	–	–	–	0.0	0.0	6.7	0.0	–	–	–	–	–
77.0	75.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
77.0	80.0	–	–	–	0.0	0.0	0.0	2.3	–	–	9.1	–	–
77.0	85.0	–	–	–	–	0.0	2.4	3.2	–	–	–	–	–
80.0	70.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	0.0	0.0	0.0	6.8	–	–	–	–
80.0	85.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
83.0	55.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	60.0	0.0	0.0	–	0.0	0.0	0.0	4.9	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	0.0	0.0	2.8	0.0	–	–	–	–

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	70.0	0.0	0.0	–	0.0	0.0	5.8	0.0	0.0	–	0.0	–	–
83.0	80.0	0.0	0.0	–	0.0	0.0	2.9	0.0	7.0	–	2.8	–	–
83.0	90.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	–	0.0	–	–
87.0	65.0	–	–	–	0.0	0.0	3.0	3.2	5.2	–	–	–	–
87.0	70.0	–	0.0	–	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
87.0	75.0	–	–	–	0.0	3.0	0.0	–	6.6	–	–	–	–
87.0	80.0	–	0.0	–	0.0	0.0	0.0	0.0	16.1	–	9.9	–	–
87.0	85.0	–	–	–	0.0	0.0	0.0	0.0	8.0	–	–	–	–
87.0	90.0	–	0.0	–	0.0	0.0	0.0	0.0	5.3	–	0.0	–	–
90.0	32.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	1.8	–	0.0
90.0	60.0	–	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	3.5	0.0	0.0
90.0	65.0	–	–	0.0	–	0.0	0.0	0.0	4.9	0.0	–	–	–
90.0	70.0	–	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0
90.0	80.0	–	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
93.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	2.8	0.0	0.0
93.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.2	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	5.4	0.0	0.0	0.0
93.0	65.0	–	–	–	0.0	0.0	0.0	0.0	0.0	8.3	–	–	–
93.0	70.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
93.0	75.0	–	–	–	0.0	0.0	0.0	2.7	3.1	8.1	–	–	–
93.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0
93.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	2.8	–	–	0.0
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
97.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
97.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.6	–	–
97.0	55.0	0.0	0.0	0.0	–	0.0	0.0	–	9.1	–	0.0	–	–
97.0	70.0	0.0	0.0	–	0.0	0.0	3.2	0.0	0.0	–	0.0	–	–
97.0	75.0	–	–	–	0.0	0.0	0.0	2.9	3.4	–	–	–	–
97.0	85.0	–	–	–	0.0	0.0	3.5	0.0	0.0	–	–	–	–
97.0	90.0	0.0	0.0	–	0.0	0.0	2.6	0.0	0.0	–	0.0	–	–
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
100.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	–	0.0	–	–
100.0	55.0	–	0.0	0.0	0.0	0.0	0.0	0.0	15.4	–	0.0	–	–
100.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
100.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	9.6	–	0.0	–	–
100.0	80.0	0.0	0.0	–	0.0	0.0	3.3	0.0	0.0	–	0.0	–	–
103.0	50.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	2.8	–	0.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	6.0	–	0.0	–	–
103.0	65.0	–	–	–	0.0	0.0	0.0	0.0	12.0	–	–	–	–
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	–	0.0	–	–
107.0	75.0	–	–	–	0.0	0.0	0.0	0.0	3.0	–	–	–	–
113.0	65.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	–	–	–
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.9	0.0	–	–
130.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	–	0.0	–	–

TABLE 4. (cont.)

Diaphus spp. (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0 16.0	0.0	–	–	–	–	–	–	6.8	–	–	–	–

Lampadena urophaos

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	0.0	0.0	2.8	–	0.0
90.0 120.0	–	–	–	–	0.0	–	–	–	2.5	–	–	–
93.0 85.0	–	–	–	0.0	0.0	0.0	0.0	3.1	7.7	–	–	–
93.0 90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	2.8	–	–	0.0
93.0 100.0	–	–	–	–	–	–	–	–	5.6	–	–	0.0
93.0 110.0	–	–	–	–	–	–	–	–	5.4	–	–	–
97.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.6	–	–
97.0 65.0	–	–	–	0.0	0.0	0.0	0.0	2.9	–	–	–	–
97.0 75.0	–	–	–	0.0	0.0	0.0	0.0	3.4	–	–	–	–
97.0 90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	9.0	–	9.9	–	–
100.0 40.0	–	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
100.0 45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
100.0 55.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
100.0 70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	19.3	–	0.0	–	–
100.0 75.0	–	–	–	0.0	0.0	0.0	0.0	6.3	–	–	–	–
100.0 90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	9.4	–	2.3	–	–
103.0 40.0	0.0	0.0	0.0	0.0	0.0	0.0	–	4.5	–	0.0	–	–
103.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	–	0.0	–	–
103.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
103.0 60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	–	5.7	–	–
103.0 65.0	–	–	–	0.0	0.0	0.0	0.0	42.0	–	–	–	–
103.0 70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.7	–	0.0	–	–
103.0 75.0	–	–	–	0.0	0.0	0.0	0.0	7.8	–	–	–	–
103.0 85.0	–	–	–	0.0	0.0	0.0	0.0	25.2	–	–	–	–
103.0 90.0	0.0	–	–	0.0	3.0	0.0	0.0	9.8	–	0.0	–	–
107.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	–	–	–
107.0 65.0	–	–	–	0.0	0.0	5.9	0.0	0.0	–	–	–	–
107.0 70.0	0.0	–	0.0	0.0	0.0	2.6	0.0	0.0	–	8.4	–	–
107.0 80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	21.3	–	0.0	–	–
107.0 85.0	–	–	–	0.0	0.0	0.0	0.0	6.5	–	–	–	–
107.0 90.0	0.0	–	–	0.0	0.0	0.0	0.0	3.0	–	8.3	–	–
110.0 35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	–	–
110.0 50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
110.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
110.0 60.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	56.5	–	0.0	–	–
110.0 65.0	–	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	–	–	–
110.0 70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	4.9	–	–
110.0 75.0	–	–	–	0.0	0.0	2.7	0.0	0.0	–	–	–	–
110.0 80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
110.0 85.0	–	–	–	0.0	2.9	0.0	0.0	–	–	–	–	–

TABLE 4. (cont.)

Lampadena urophaos (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	90.0	0.0	0.0	0.0	–	2.9	2.9	0.0	–	–	4.5	–	–
113.0	40.0	–	0.0	0.0	0.0	0.0	0.0	0.0	19.3	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.4	–	0.0	–	–
113.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
113.0	55.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	15.2	–	0.0	–	–
113.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	–	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	–	2.7	–	–
113.0	75.0	–	–	–	0.0	0.0	0.0	0.0	27.8	–	–	–	–
113.0	80.0	2.6	–	0.0	0.0	0.0	0.0	0.0	6.4	–	0.0	–	–
113.0	90.0	9.0	–	–	0.0	0.0	2.9	0.0	–	–	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	24.8	0.0	0.0	–	–	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	0.0	2.8	–	–	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
117.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	–	–	2.7	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	5.8	0.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	–	–
120.0	55.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	–	–	–
120.0	80.0	0.0	0.0	3.0	0.0	21.0	3.0	0.0	2.9	–	13.7	–	–
120.0	85.0	–	–	–	0.0	6.7	2.9	0.0	–	–	–	–	–
120.0	90.0	0.0	0.0	0.0	0.0	8.9	6.1	0.0	–	–	2.9	–	–
123.0	50.0	–	0.0	0.0	–	8.9	0.0	0.0	5.8	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	8.3	0.0	0.0	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	2.8	2.4	0.0	0.0	–	0.0	–	–
123.0	65.0	–	–	–	–	2.6	0.0	0.0	0.0	–	–	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	0.0	–	17.8	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	2.7	2.9	0.0	0.0	–	0.0	–	–
127.0	55.0	–	0.0	0.0	–	2.5	22.1	0.0	0.0	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	2.6	0.0	0.0	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	2.8	0.0	12.4	–	–	–	–
127.0	70.0	0.0	–	–	–	0.0	0.0	0.0	2.9	–	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	–	–
130.0	45.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	50.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	4.0	–	0.0	–	–
130.0	55.0	0.0	0.0	0.0	0.0	5.5	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	–	8.4	–	–
130.0	70.0	–	–	–	–	–	0.0	0.0	0.0	–	2.8	–	–
133.0	45.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
133.0	50.0	0.0	0.0	3.1	0.0	–	0.0	0.0	0.0	–	0.0	–	–
133.0	55.0	0.0	–	–	0.0	–	–	0.0	0.8	–	0.0	–	–

TABLE 4. (cont.)

Lampadena urophaos (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0 60.0	2.1	–	–	0.0	–	–	0.0	1.7	–	0.0	–	–
137.0 50.0	0.0	0.0	0.0	0.0	10.1	0.0	0.0	0.0	–	0.0	–	–
137.0 55.0	0.0	–	–	0.0	–	–	0.0	0.0	–	2.4	–	–
137.0 80.0	0.0	–	–	2.8	–	–	0.0	–	–	–	–	–
140.0 55.0	0.0	–	–	5.2	–	–	–	0.0	–	–	–	–

Lampanyctus spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0 55.0	0.0	0.0	–	0.0	–	0.0	0.0	3.2	–	0.0	0.0	0.0
80.0 60.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.2	–	0.0	0.0	0.0
80.0 145.0	–	–	–	–	11.5	–	–	–	–	–	–	–
87.0 80.0	–	0.0	–	0.0	0.0	0.0	0.0	6.4	–	0.0	–	–
87.0 90.0	–	0.0	–	0.0	0.0	0.0	0.0	2.7	–	0.0	–	–
90.0 60.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0
90.0 70.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
90.0 80.0	–	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0
90.0 145.0	–	–	–	–	2.8	–	–	–	–	–	–	–
93.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
93.0 60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0 65.0	–	–	–	0.0	0.0	0.0	0.0	0.0	5.5	–	–	–
93.0 90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	–	–	0.0
93.0 110.0	–	–	–	–	–	–	–	–	2.7	–	–	–
97.0 55.0	0.0	0.0	0.0	–	0.0	0.0	–	3.0	–	0.0	–	–
97.0 90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	6.0	–	0.0	–	–
100.0 55.0	–	0.0	0.0	0.0	0.0	0.0	2.5	0.0	–	0.0	–	–
100.0 75.0	–	–	–	2.9	0.0	0.0	0.0	0.0	–	–	–	–
100.0 80.0	0.0	0.0	–	2.7	0.0	0.0	0.0	3.4	–	0.0	–	–
100.0 85.0	–	–	–	0.0	0.0	0.0	0.0	3.1	–	–	–	–
100.0 90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	6.3	–	0.0	–	–
103.0 35.0	0.0	0.0	0.0	11.1	0.0	0.0	–	0.0	–	0.0	–	–
103.0 40.0	0.0	0.0	0.0	0.0	0.0	0.0	–	1.5	–	0.0	–	–
103.0 45.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0 55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
103.0 60.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0 65.0	–	–	–	2.8	0.0	0.0	0.0	3.0	–	–	–	–
103.0 70.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
103.0 75.0	–	–	–	2.8	0.0	0.0	0.0	0.0	–	–	–	–
103.0 80.0	0.0	–	0.0	0.0	0.0	0.0	5.7	0.0	–	0.0	–	–
103.0 85.0	–	–	–	0.0	0.0	0.0	11.2	0.0	–	–	–	–
107.0 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	–	0.0	–	–
107.0 45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	–	0.0	–	–
107.0 65.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
107.0 70.0	0.0	–	0.0	0.0	0.0	0.0	5.5	0.0	–	2.8	–	–
107.0 80.0	0.0	–	0.0	0.0	0.0	0.0	2.8	15.2	–	0.0	–	–

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	85.0	–	–	–	0.0	0.0	2.9	2.7	3.3	–	–	–	–
107.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
110.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	–
110.0	45.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0	–	0.0	–	–
110.0	50.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
110.0	55.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	–	0.0	–	–
110.0	75.0	–	–	–	0.0	0.0	0.0	5.5	0.0	–	–	–	–
110.0	80.0	0.0	2.9	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
110.0	85.0	–	–	–	0.0	0.0	0.0	2.6	–	–	–	–	–
110.0	90.0	2.0	0.0	0.0	–	0.0	2.9	4.8	–	–	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	–	0.0	–	–
113.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	6.0	–	–	–	–
113.0	75.0	–	–	–	0.0	0.0	0.0	6.3	0.0	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	8.9	0.0	–	0.0	–	–
113.0	85.0	–	–	–	0.0	0.0	0.0	18.0	–	–	–	–	–
113.0	90.0	0.0	–	–	0.0	0.0	2.9	0.0	–	–	0.0	–	–
115.0	40.0	–	–	–	–	–	–	–	–	2.3	–	–	–
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.6	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	15.5	0.0	0.0	–	–	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	0.0	–	–
117.0	80.0	2.9	–	0.0	2.4	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	90.0	0.0	–	–	0.0	0.0	0.0	10.3	–	–	2.7	–	–
120.0	45.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	–
120.0	60.0	2.6	3.1	0.0	0.0	0.0	13.8	0.0	0.0	–	2.7	–	–
120.0	65.0	–	0.0	0.0	5.1	0.0	3.0	0.0	0.0	–	–	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	–	0.0	–	–
120.0	80.0	0.0	2.9	0.0	0.0	13.1	0.0	5.7	0.0	–	0.0	–	–
120.0	85.0	–	–	–	0.0	20.0	8.8	5.1	–	–	–	–	–
120.0	90.0	0.0	2.7	0.0	0.0	20.6	15.3	2.7	–	–	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.9	0.0	–	–
123.0	45.0	0.0	0.0	0.0	–	1.9	0.0	0.0	–	0.0	0.0	–	–
123.0	55.0	–	0.0	0.0	–	5.8	0.0	0.0	0.0	–	2.7	–	–
123.0	60.0	7.5	3.5	0.0	–	16.9	0.0	0.0	0.0	–	2.5	–	–
123.0	70.0	0.0	–	–	–	21.2	2.9	5.5	0.0	–	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.7	0.0	–	–
127.0	40.0	0.0	2.9	3.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	5.2	0.0	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	5.5	–	–
127.0	55.0	–	0.0	3.1	–	2.5	19.3	0.0	0.0	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	10.6	11.6	0.0	–	0.0	–	–
127.0	65.0	–	–	–	–	2.7	2.8	0.0	9.3	–	–	–	–
127.0	70.0	0.0	–	–	–	5.5	0.0	5.2	2.9	–	0.0	–	–

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	80.0	2.7	–	–	–	–	–	–	–	–	–	–	–
130.0	30.0	0.0	2.2	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	–	–
130.0	35.0	5.3	0.0	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	–	–
130.0	40.0	2.5	0.0	8.6	0.0	7.9	6.1	0.0	0.0	0.0	0.0	–	–
130.0	45.0	2.8	0.0	0.0	2.9	0.0	0.0	0.0	9.5	0.0	0.0	–	–
130.0	50.0	0.0	0.0	3.0	8.1	0.0	0.0	0.0	3.0	–	0.0	–	–
130.0	55.0	0.0	0.0	3.0	17.7	2.7	0.0	0.0	3.1	–	0.0	–	–
130.0	60.0	5.9	0.0	2.9	2.3	13.4	0.0	0.0	10.2	–	2.8	–	–
130.0	65.0	–	–	–	–	–	2.8	0.0	15.6	–	–	–	–
130.0	70.0	–	–	–	–	–	2.9	0.0	0.6	–	2.8	–	–
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	5.7	–	–
133.0	40.0	0.0	0.0	26.6	16.0	0.0	2.8	0.0	2.2	–	0.0	–	–
133.0	45.0	8.1	0.0	5.9	27.0	0.0	0.0	0.0	6.1	–	0.0	–	–
133.0	50.0	4.6	0.0	18.7	6.1	–	0.0	3.1	6.6	–	2.8	–	–
133.0	55.0	6.2	–	–	5.3	–	–	0.0	1.5	–	12.3	–	–
133.0	60.0	2.1	–	–	7.6	–	–	0.0	3.5	–	0.0	–	–
133.0	70.0	–	–	–	–	–	–	14.1	0.6	–	5.4	–	–
134.0	36.0	1.7	3.2	0.0	1.4	–	0.0	0.0	1.5	0.0	0.0	–	–
137.0	30.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	–	0.0	0.0	–	–
137.0	35.0	2.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	40.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	45.0	2.2	2.9	3.0	2.8	0.0	0.0	0.0	3.4	–	0.0	–	–
137.0	50.0	2.5	3.1	2.9	5.4	0.0	0.0	0.0	10.6	–	0.0	–	–
137.0	55.0	6.3	–	–	6.2	–	–	0.0	2.6	–	2.4	–	–
137.0	60.0	0.0	–	–	9.9	–	–	0.0	–	–	0.0	–	–
137.0	70.0	2.2	–	–	2.8	–	–	0.0	–	–	0.0	–	–
137.0	80.0	0.0	–	–	8.3	–	–	0.0	–	–	–	–	–
140.0	30.0	0.0	–	–	0.0	–	–	–	1.4	–	–	–	–
140.0	35.0	2.3	–	–	0.0	–	–	–	2.2	–	–	–	–
140.0	40.0	0.0	–	–	0.0	–	–	–	1.7	–	–	–	–
140.0	45.0	0.0	–	–	2.5	–	–	–	0.0	–	–	–	–
140.0	50.0	0.0	–	–	11.6	–	–	–	3.3	–	–	–	–
140.0	55.0	0.0	–	–	5.2	–	–	–	4.4	–	–	–	–
140.0	60.0	0.0	–	–	0.0	–	–	–	4.7	–	–	–	–
143.0	35.0	7.9	–	–	2.9	–	–	–	0.0	–	–	–	–
143.0	45.0	5.0	–	–	0.0	–	–	–	8.3	–	–	–	–
143.0	50.0	0.0	–	–	0.0	–	–	–	4.2	–	–	–	–
143.0	55.0	0.0	–	–	0.0	–	–	–	2.3	–	–	–	–
143.0	70.0	–	–	–	–	–	–	–	28.6	–	–	–	–
147.0	20.0	0.0	–	–	0.0	–	–	–	1.5	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	4.3	–	–	–	–
147.0	30.0	14.3	–	–	3.0	–	–	–	10.1	–	–	–	–
147.0	35.0	3.0	–	–	5.9	–	–	–	0.0	–	–	–	–
147.0	40.0	0.0	–	–	5.8	–	–	–	0.0	–	–	–	–
147.0	45.0	2.1	–	–	11.4	–	–	–	7.6	–	–	–	–
147.0	50.0	0.0	–	–	5.7	–	–	–	3.9	–	–	–	–

TABLE 4. (cont.)

Lampanyctus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	55.0	0.0	–	–	0.0	–	–	–	4.4	–	–	–	–
147.0	60.0	0.0	–	–	5.8	–	–	–	1.0	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	5.6	–	–	–	–
150.0	30.0	0.0	–	–	–	–	–	–	6.0	–	–	–	–
150.0	35.0	2.2	–	–	–	–	–	–	6.4	–	–	–	–
150.0	40.0	7.9	–	–	–	–	–	–	1.6	–	–	–	–
150.0	45.0	4.8	–	–	–	–	–	–	14.3	–	–	–	–
150.0	55.0	2.0	–	–	–	–	–	–	0.0	–	–	–	–
150.0	60.0	0.0	–	–	–	–	–	–	2.0	–	–	–	–
153.0	16.0	2.5	–	–	–	–	–	–	1.7	–	–	–	–
153.0	25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
153.0	30.0	11.5	–	–	–	–	–	–	–	–	–	–	–
153.0	35.0	2.3	–	–	–	–	–	–	–	–	–	–	–
153.0	45.0	5.3	–	–	–	–	–	–	–	–	–	–	–
153.0	50.0	2.8	–	–	–	–	–	–	–	–	–	–	–
153.0	70.0	2.9	–	–	–	–	–	–	–	–	–	–	–
157.0	10.0	5.9	–	–	–	–	–	–	–	–	–	–	–
157.0	20.0	5.0	–	–	–	–	–	–	–	–	–	–	–
157.0	25.0	11.4	–	–	–	–	–	–	–	–	–	–	–
157.0	30.0	4.6	–	–	–	–	–	–	–	–	–	–	–
157.0	50.0	10.4	–	–	–	–	–	–	–	–	–	–	–
157.0	55.0	16.9	–	–	–	–	–	–	–	–	–	–	–
157.0	60.0	2.7	–	–	–	–	–	–	–	–	–	–	–
157.0	70.0	1.8	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	23.2	–	–	–	–	–	–	–	–	–	–	–

Lampanyctus regalis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	–	–	0.0	0.0	–	3.0	–	–	0.0	–	–
60.0	90.0	0.0	–	–	0.0	0.0	–	2.5	–	–	0.0	–	–
63.0	60.0	0.0	–	–	0.0	0.0	–	3.3	–	–	0.0	–	–
63.0	65.0	–	–	–	–	0.0	–	3.3	–	–	–	–	–
63.0	90.0	0.0	–	–	0.0	0.0	–	7.5	–	–	0.0	–	–
67.0	55.0	0.0	–	–	0.0	0.0	–	3.1	–	–	0.0	–	–
67.0	60.0	0.0	–	–	0.0	0.0	–	3.3	–	–	0.0	–	–
67.0	75.0	–	–	–	–	0.0	–	6.6	–	–	–	–	–
67.0	90.0	0.0	–	–	0.0	–	–	3.9	–	–	0.0	–	–
70.0	55.0	0.0	–	–	0.0	0.0	–	3.0	–	–	0.0	–	–
70.0	65.0	–	–	–	0.0	–	–	3.1	–	–	–	–	–
70.0	75.0	–	–	–	–	5.5	–	3.1	–	–	–	–	–
70.0	90.0	0.0	–	–	0.0	0.0	–	6.3	–	–	0.0	–	–
73.0	75.0	–	–	–	–	3.0	–	0.0	–	–	–	–	–
73.0	80.0	–	–	–	2.9	0.0	–	6.6	–	–	0.0	–	–
73.0	85.0	–	–	–	–	6.0	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Lampanyctus regalis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	55.0	0.0	0.0	–	0.0	–	3.1	0.0	3.2	–	0.0	0.0	0.0
77.0	60.0	0.0	0.0	–	2.9	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
77.0	65.0	–	–	–	0.0	0.0	13.4	0.0	–	–	–	–	–
77.0	70.0	0.0	0.0	–	0.0	0.0	2.4	0.0	–	–	0.0	0.0	0.0
77.0	75.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
77.0	80.0	–	–	–	0.0	0.0	0.0	4.6	–	–	0.0	–	–
77.0	85.0	–	–	–	–	2.8	0.0	0.0	–	–	–	–	–
80.0	85.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
80.0	90.0	0.0	0.0	–	2.8	0.0	3.3	0.0	0.0	–	0.0	–	–
83.0	60.0	0.0	0.0	–	0.0	9.1	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	0.0	3.0	2.8	3.0	–	–	–	–
83.0	70.0	0.0	0.0	–	0.0	0.0	2.9	2.4	0.0	–	0.0	–	–
83.0	80.0	0.0	0.0	–	0.0	2.4	0.0	0.0	0.0	–	0.0	–	–
83.0	85.0	–	–	–	0.0	0.0	0.0	3.1	–	–	–	–	–
83.0	90.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	–	0.0	–	–
87.0	60.0	–	0.0	–	0.0	0.0	0.0	6.1	0.0	–	0.0	0.0	0.0
87.0	65.0	–	–	–	0.0	0.0	0.0	3.2	0.0	–	–	–	–
87.0	70.0	–	0.0	–	0.0	0.0	0.0	2.2	0.0	–	0.0	–	–
87.0	85.0	–	–	–	0.0	0.0	2.8	0.0	0.0	–	–	–	–
93.0	55.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	85.0	–	–	–	0.0	0.0	0.0	3.0	0.0	0.0	–	–	–
97.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
123.0	37.0	2.1	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–

Lampanyctus ritteri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	80.0	–	–	–	–	–	–	2.9	–	–	8.8	–	–
50.0	85.0	–	–	–	–	–	–	2.8	–	–	–	–	–
60.0	60.0	0.0	–	–	0.0	0.0	–	3.0	–	–	0.0	–	–
60.0	65.0	–	–	–	0.0	12.2	–	3.0	–	–	–	–	–
60.0	75.0	–	–	–	–	0.0	–	5.7	–	–	–	–	–
60.0	80.0	2.6	–	–	0.0	0.0	–	8.4	–	–	2.6	–	–
60.0	85.0	–	–	–	–	0.0	–	14.9	–	–	–	–	–
60.0	90.0	0.0	–	–	10.0	5.8	–	7.4	–	–	0.0	–	–
63.0	60.0	0.0	–	–	0.0	0.0	–	6.7	–	–	0.0	–	–
63.0	70.0	0.0	–	–	–	0.0	–	13.3	–	–	0.0	–	–
63.0	75.0	–	–	–	–	0.0	–	6.3	–	–	–	–	–
63.0	85.0	–	–	–	–	12.5	–	3.4	–	–	–	–	–
63.0	90.0	0.0	–	–	8.5	14.7	–	7.5	–	–	0.0	–	–
67.0	55.0	0.0	–	–	0.0	3.4	–	6.2	–	–	0.0	–	–
67.0	80.0	–	–	–	–	0.0	–	6.7	–	–	0.0	–	–
67.0	90.0	0.0	–	–	12.0	–	–	3.9	–	–	0.0	–	–
70.0	52.0	–	–	–	0.0	0.0	–	3.3	–	–	0.0	–	–
70.0	55.0	0.0	–	–	0.0	0.0	–	6.0	–	–	0.0	–	–

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	70.0	0.0	-	-	2.3	-	-	9.5	-	-	0.0	-	-
70.0	75.0	-	-	-	-	5.5	-	3.1	-	-	-	-	-
70.0	80.0	0.0	-	-	0.0	3.4	-	3.4	-	-	0.0	-	-
70.0	85.0	-	-	-	-	3.5	-	6.9	-	-	-	-	-
70.0	90.0	0.0	-	-	5.2	0.0	-	9.4	-	-	8.7	-	-
73.0	60.0	6.0	0.0	-	0.0	0.0	-	0.0	-	-	0.0	-	-
73.0	70.0	0.0	3.2	-	12.7	9.1	-	0.0	-	-	0.0	-	-
73.0	75.0	-	-	-	-	12.2	-	0.0	-	-	-	-	-
73.0	80.0	-	-	-	0.0	24.1	-	3.3	-	-	0.0	-	-
73.0	85.0	-	-	-	-	24.2	-	0.0	-	-	-	-	-
73.0	90.0	-	-	-	5.9	2.9	-	3.2	-	-	0.0	-	-
77.0	55.0	0.0	0.0	-	6.1	-	0.0	3.4	0.0	-	0.0	0.0	0.0
77.0	57.0	-	6.0	-	-	-	-	-	-	-	-	-	-
77.0	60.0	0.0	0.0	-	2.9	0.0	3.2	3.0	0.0	-	0.0	0.0	0.0
77.0	65.0	-	-	-	0.0	0.0	23.4	0.0	-	-	-	-	-
77.0	70.0	3.0	7.4	-	0.0	3.3	2.4	0.0	-	-	0.0	0.0	0.0
77.0	75.0	-	-	-	-	5.9	-	5.9	-	-	-	-	-
77.0	80.0	-	-	-	3.1	12.9	0.0	4.6	-	-	0.0	-	-
77.0	85.0	-	-	-	-	0.0	16.6	0.0	-	-	-	-	-
77.0	90.0	-	-	-	3.0	8.6	20.5	0.0	-	-	0.0	-	-
80.0	55.0	2.8	0.0	-	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	60.0	0.0	0.0	-	6.3	3.0	0.0	3.5	0.0	-	0.0	0.0	0.0
80.0	65.0	-	-	-	3.1	0.0	0.0	0.0	-	-	-	-	-
80.0	70.0	0.0	6.1	-	6.0	0.0	0.0	5.8	0.0	-	0.0	0.0	0.0
80.0	75.0	-	-	-	0.0	0.0	0.0	0.0	6.8	-	-	-	-
80.0	80.0	5.6	15.5	-	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
80.0	85.0	-	-	-	8.9	5.9	0.0	0.0	0.0	-	-	-	-
80.0	90.0	0.0	6.2	-	2.8	7.3	3.3	0.0	0.0	-	0.0	-	-
80.0	100.0	-	-	-	-	5.7	-	-	-	-	-	-	-
80.0	110.0	-	-	-	-	6.1	-	-	-	-	-	-	-
80.0	120.0	-	-	-	-	8.7	-	-	-	-	-	-	-
80.0	130.0	-	-	-	-	5.5	-	-	-	-	-	-	-
83.0	43.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	55.0	0.0	0.0	-	2.7	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	60.0	3.0	0.0	-	2.8	0.0	0.0	4.9	0.0	-	0.0	0.0	3.0
83.0	65.0	-	-	-	0.0	3.0	0.0	2.8	0.0	-	-	-	-
83.0	70.0	14.7	2.4	-	0.0	24.8	11.5	0.0	3.2	-	1.5	-	-
83.0	75.0	-	-	-	0.0	8.2	3.1	0.0	-	-	-	-	-
83.0	80.0	2.8	2.9	-	0.0	0.0	2.9	0.0	4.7	-	0.0	-	-
83.0	85.0	-	-	-	3.0	5.9	3.1	0.0	-	-	-	-	-
83.0	90.0	0.0	5.1	-	12.7	6.0	0.0	5.0	0.0	-	0.0	-	-
87.0	40.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	50.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	55.0	0.0	0.0	-	6.2	0.0	0.0	0.0	0.0	-	0.0	2.8	0.0
87.0	60.0	-	1.3	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	65.0	-	-	-	3.0	3.4	11.9	3.2	2.6	-	-	-	-

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	70.0	–	0.0	–	6.0	10.2	6.6	0.0	6.4	–	0.0	–	–
87.0	75.0	–	–	–	0.0	15.2	5.6	–	0.0	–	–	–	–
87.0	80.0	–	5.7	–	3.0	2.8	15.3	0.0	0.0	–	0.0	–	–
87.0	85.0	–	–	–	6.0	5.9	0.0	0.0	0.0	–	–	–	–
87.0	90.0	–	10.4	–	2.8	0.0	8.3	0.0	0.0	–	0.0	–	–
90.0	30.0	2.9	0.0	0.0	–	–	–	–	–	–	–	0.0	–
90.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
90.0	45.0	0.0	0.0	0.0	6.2	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	55.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.1
90.0	60.0	–	1.4	0.0	0.0	12.8	0.0	0.0	0.0	0.0	3.5	0.0	0.0
90.0	65.0	–	–	4.5	–	15.3	0.0	0.0	0.0	5.7	–	–	–
90.0	70.0	–	1.4	16.4	14.5	3.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0
90.0	75.0	–	–	–	5.6	6.1	0.0	0.0	3.1	0.0	–	–	–
90.0	80.0	–	1.5	12.9	2.9	3.4	11.8	3.3	0.0	0.0	0.0	3.5	0.0
90.0	85.0	–	–	–	2.9	3.1	–	3.0	2.6	0.0	–	–	–
90.0	90.0	–	2.9	4.5	0.0	0.0	–	0.0	3.0	0.0	0.0	–	2.9
90.0	100.0	–	–	–	–	2.8	–	–	–	0.0	–	–	0.0
90.0	110.0	–	–	–	–	8.7	–	–	–	0.0	–	–	–
90.0	130.0	–	–	–	–	2.8	–	–	–	–	–	–	–
90.0	145.0	–	–	–	–	2.8	–	–	–	–	–	–	–
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	45.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	8.9	0.0	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	2.9	0.0	0.0	7.2	2.4	0.0	3.0	0.0	0.0	3.1	0.0
93.0	60.0	0.0	0.0	6.2	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	2.7
93.0	65.0	–	–	–	5.6	0.0	0.0	0.0	0.0	0.0	–	–	–
93.0	70.0	0.0	–	7.0	8.5	0.0	6.0	0.0	0.0	2.6	3.3	0.0	2.9
93.0	75.0	–	–	–	0.0	0.0	2.8	0.0	0.0	0.0	–	–	–
93.0	80.0	0.0	0.0	13.2	8.6	0.0	3.2	3.4	6.0	0.0	0.0	0.0	0.0
93.0	85.0	–	–	–	0.0	0.0	0.0	0.0	9.2	0.0	–	–	–
93.0	90.0	0.0	0.0	4.6	2.9	9.3	0.0	0.0	3.2	0.0	–	–	0.0
97.0	35.0	0.0	0.0	2.5	0.0	5.6	6.6	0.0	0.0	–	0.0	–	–
97.0	45.0	0.0	0.0	8.3	2.9	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	50.0	5.6	0.0	5.5	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
97.0	55.0	11.0	0.0	0.0	–	0.0	0.0	–	0.0	–	0.0	–	–
97.0	60.0	5.4	0.0	0.0	5.6	0.0	2.7	2.8	0.0	–	0.0	–	–
97.0	65.0	–	–	–	0.0	2.8	2.7	0.0	0.0	–	–	–	–
97.0	70.0	0.0	10.5	–	0.0	0.0	6.5	0.0	0.0	–	0.0	–	–
97.0	75.0	–	–	–	8.1	0.0	3.0	2.9	3.4	–	–	–	–
97.0	80.0	3.0	20.9	–	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
97.0	85.0	–	–	–	0.0	2.8	3.5	0.0	0.0	–	–	–	–
97.0	90.0	5.0	2.6	–	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
100.0	29.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
100.0	40.0	–	0.0	20.8	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	45.0	0.0	2.7	7.4	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	50.0	0.0	5.0	2.5	0.0	9.2	0.0	0.0	0.0	–	0.0	–	–
100.0	55.0	–	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
100.0	60.0	2.8	3.6	0.0	0.0	3.4	3.0	0.0	0.0	–	0.0	–	–
100.0	65.0	–	–	–	2.8	2.7	0.0	–	0.0	–	–	–	–
100.0	70.0	2.8	2.5	–	8.5	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	80.0	0.0	7.9	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	90.0	2.7	4.8	–	0.0	6.6	0.0	0.0	0.0	–	0.0	–	–
103.0	40.0	8.3	13.0	2.5	0.0	2.9	0.0	–	0.0	–	0.0	–	–
103.0	45.0	4.5	10.6	0.0	0.0	0.0	0.0	0.0	2.8	–	2.8	–	–
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	–	0.0	–	–
103.0	60.0	2.3	0.0	0.0	0.0	5.9	2.8	0.0	0.0	–	0.0	–	–
103.0	65.0	–	–	–	0.0	0.0	8.5	0.0	0.0	–	–	–	–
103.0	70.0	11.6	2.3	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
103.0	80.0	5.4	–	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
103.0	85.0	–	–	–	0.0	3.0	0.0	5.6	0.0	–	–	–	–
107.0	32.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
107.0	35.0	0.0	2.0	0.0	0.0	6.0	0.0	2.8	0.0	–	5.0	–	–
107.0	40.0	9.9	0.0	2.6	7.2	5.7	3.3	0.0	0.0	–	0.0	–	–
107.0	45.0	2.8	0.0	0.0	3.3	2.5	0.0	0.0	0.0	–	0.0	–	–
107.0	50.0	0.0	2.3	7.7	0.0	0.0	0.0	0.0	0.0	–	9.1	–	–
107.0	55.0	0.0	1.9	0.0	0.0	0.0	3.0	0.0	0.0	–	–	–	–
107.0	60.0	4.8	0.0	2.5	0.0	0.0	3.0	5.9	0.0	–	0.0	–	–
107.0	65.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
107.0	70.0	2.8	–	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
107.0	75.0	–	–	–	2.8	0.0	0.0	0.0	3.0	–	–	–	–
107.0	80.0	0.0	–	2.8	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
107.0	85.0	–	–	–	0.0	0.0	0.0	0.0	9.8	–	–	–	–
107.0	90.0	0.0	–	–	0.0	0.0	5.7	0.0	3.0	–	0.0	–	–
110.0	40.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	45.0	0.0	2.7	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	50.0	0.0	9.3	0.0	5.4	15.2	0.0	0.0	0.0	–	0.0	–	–
110.0	55.0	0.0	8.9	0.0	3.0	0.0	0.0	5.1	0.0	–	0.0	–	–
110.0	60.0	0.0	9.4	2.7	5.4	3.0	0.0	0.0	9.4	–	0.0	–	–
110.0	65.0	–	2.9	2.8	2.8	2.9	0.0	0.0	0.0	–	–	–	–
110.0	70.0	12.0	0.0	0.0	2.7	0.0	0.0	0.0	2.6	–	0.0	–	–
110.0	80.0	2.8	0.0	0.0	2.5	0.0	0.0	8.2	0.0	–	0.0	–	–
110.0	85.0	–	–	–	2.8	0.0	2.8	0.0	–	–	–	–	–
113.0	35.0	0.0	6.2	0.0	2.4	2.3	0.0	0.0	3.2	0.0	2.6	–	–
113.0	40.0	–	26.8	0.0	2.3	0.0	0.0	0.0	0.0	2.7	0.0	–	–
113.0	45.0	0.0	12.7	8.4	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	50.0	3.0	2.9	3.2	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
113.0	55.0	4.2	2.8	0.0	4.6	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	60.0	0.0	3.1	0.0	4.5	0.0	2.7	0.0	0.0	–	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	–	–	–
113.0	70.0	0.0	0.0	0.0	3.4	2.8	0.0	0.0	3.3	–	0.0	–	–

TABLE 4. (cont.)

Lampanyctus ritteri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	75.0	–	–	–	2.6	2.9	2.7	19.0	0.0	–	–	–	–
113.0	80.0	0.0	–	0.0	2.3	0.0	2.9	6.0	0.0	–	0.0	–	–
113.0	85.0	–	–	–	3.0	0.0	3.0	3.0	–	–	–	–	–
113.0	90.0	3.0	–	–	0.0	0.0	0.0	0.0	–	–	0.0	–	–
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	–	–
117.0	45.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	50.0	0.0	0.0	0.0	8.3	0.0	2.6	2.7	3.3	–	0.0	–	–
117.0	55.0	5.6	0.0	0.0	0.0	0.0	0.0	5.4	0.0	–	0.0	–	–
117.0	60.0	5.4	7.6	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0	–	–
117.0	65.0	–	5.6	0.0	2.9	0.0	0.0	0.0	0.0	–	–	–	–
117.0	70.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	0.0	2.8	–	–	–	–
117.0	85.0	–	–	–	0.0	5.9	0.0	0.0	–	–	–	–	–
117.0	90.0	0.0	–	–	0.0	3.0	0.0	0.0	–	–	0.0	–	–
118.0	39.0	0.0	0.0	6.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	5.4	0.0	0.0	2.9	0.0	0.0	–	–
120.0	50.0	0.0	0.0	0.0	0.0	8.6	0.0	0.0	0.0	–	0.0	–	–
120.0	55.0	0.0	0.0	0.0	8.4	2.8	11.2	0.0	0.0	–	0.0	–	–
120.0	60.0	0.0	0.0	5.7	4.9	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	65.0	–	0.0	2.8	0.0	0.0	0.0	0.0	0.0	–	–	–	–
120.0	80.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	–	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	4.4	0.0	0.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	8.9	0.0	2.8	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	23.4	0.0	0.0	0.0	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	0.0	0.0	2.6	0.0	–	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	2.7	0.0	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	17.5	0.0	–	–	–	–
137.0	45.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	27.0	0.0	0.0	0.0	–	0.0	–	–
137.0	55.0	0.0	–	–	0.0	–	–	5.1	0.0	–	0.0	–	–
137.0	60.0	0.0	–	–	0.0	–	–	2.6	–	–	0.0	–	–

Notolychnus valdiviae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	90.0	0.0	0.0	–	6.3	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
117.0	60.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Notoscopelus resplendens

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	110.0	–	–	–	–	15.3	–	–	–	–	–	–	–
80.0	120.0	–	–	–	–	2.9	–	–	–	–	–	–	–
80.0	130.0	–	–	–	–	13.8	–	–	–	–	–	–	–
80.0	145.0	–	–	–	–	5.8	–	–	–	–	–	–	–
83.0	70.0	0.0	0.0	–	0.0	0.0	2.9	0.0	0.0	–	0.0	–	–
83.0	90.0	0.0	0.0	–	3.2	0.0	0.0	0.0	0.0	–	0.0	–	–
93.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0
97.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.6	–	–
100.0	80.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	6.3	–	0.0	–	–
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	0.0	–	–
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	2.8	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
107.0	65.0	–	–	–	0.0	0.0	0.0	2.9	0.0	–	–	–	–
107.0	70.0	0.0	–	0.0	0.0	0.0	0.0	0.0	9.2	–	2.8	–	–
107.0	75.0	–	–	–	0.0	0.0	0.0	5.5	6.0	–	–	–	–
107.0	80.0	0.0	–	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
107.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	0.0	–	5.6	–	–
110.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	–	0.0	–	–
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	–	2.5	–	–
110.0	75.0	–	–	–	0.0	0.0	0.0	19.4	0.0	–	–	–	–
110.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	–	0.0	–	–
110.0	85.0	–	–	–	0.0	0.0	0.0	12.9	–	–	–	–	–
113.0	40.0	–	0.0	0.0	0.0	0.0	0.0	14.8	5.5	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	–	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	9.1	–	–	–	–
113.0	75.0	–	–	–	0.0	0.0	0.0	0.0	37.1	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	20.9	19.3	–	0.0	–	–
113.0	85.0	–	–	–	0.0	3.0	0.0	15.0	–	–	–	–	–
113.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	–	–	3.1	–	–
115.0	40.0	–	–	–	–	–	–	–	–	4.6	–	–	–
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.6	0.0	–	–
117.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	3.0	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	0.0	14.3	–	–	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	5.8	14.6	–	0.0	–	–
117.0	90.0	0.0	–	–	0.0	0.0	0.0	15.4	–	–	0.0	–	–
120.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
120.0	65.0	–	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	–	–	–
120.0	75.0	–	–	–	0.0	–	0.0	15.5	10.4	–	–	–	–
120.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	5.7	–	5.5	–	–
120.0	85.0	–	–	–	0.0	0.0	0.0	2.6	–	–	–	–	–

TABLE 4. (cont.)

Notoscopelus resplendens (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	–	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	8.8	0.0	0.0	0.0	–	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	16.4	0.0	–	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	0.0	0.0	2.8	0.0	–	0.0	–	–
127.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.6	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	20.3	0.0	–	0.0	–	–
127.0	70.0	0.0	–	–	–	0.0	0.0	10.5	2.9	–	0.0	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	–
130.0	40.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
133.0	55.0	0.0	–	–	2.6	–	–	0.0	0.0	–	0.0	–	–
133.0	60.0	0.0	–	–	2.5	–	–	0.0	0.0	–	0.0	–	–
133.0	65.0	–	–	–	–	–	–	2.7	–	–	–	–	–
137.0	50.0	0.0	0.0	0.0	2.7	0.0	0.0	2.8	0.0	–	0.0	–	–
137.0	60.0	0.0	–	–	0.0	–	–	5.3	–	–	0.0	–	–
137.0	75.0	–	–	–	–	–	–	2.8	–	–	–	–	–

Stenobrachius leucopsarus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	47.0	–	–	–	–	–	–	–	–	–	2.6	–	–
50.0	80.0	–	–	–	–	–	–	0.0	–	–	2.9	–	–
53.0	52.0	–	–	–	–	–	–	–	–	–	4.4	–	–
53.0	55.0	–	–	–	–	–	–	–	–	–	4.0	–	–
60.0	52.0	15.8	–	–	–	7.6	–	0.0	–	–	0.0	–	–
60.0	55.0	96.2	–	–	–	50.9	–	0.0	–	–	0.0	–	–
60.0	60.0	16.3	–	–	5.9	0.0	–	5.9	–	–	0.0	–	–
60.0	65.0	–	–	–	28.1	60.8	–	9.0	–	–	–	–	–
60.0	70.0	0.0	–	–	24.6	42.4	–	2.8	–	–	0.0	–	–
60.0	75.0	–	–	–	–	1.9	–	11.4	–	–	–	–	–
60.0	80.0	0.0	–	–	5.4	5.3	–	0.0	–	–	0.0	–	–
60.0	90.0	5.8	–	–	116.2	17.5	–	0.0	–	–	0.0	–	–
63.0	52.0	2.5	–	–	8.3	–	–	0.0	–	–	0.0	–	–
63.0	55.0	8.6	–	–	100.6	0.0	–	7.1	–	–	0.0	–	–
63.0	60.0	5.9	–	–	53.1	17.1	–	3.3	–	–	0.0	–	–
63.0	65.0	–	–	–	–	0.0	–	19.9	–	–	–	–	–
63.0	70.0	0.0	–	–	–	0.0	–	0.0	–	–	2.9	–	–
63.0	75.0	–	–	–	–	24.4	–	15.9	–	–	–	–	–
63.0	80.0	–	–	–	–	18.7	–	0.0	–	–	0.0	–	–
63.0	85.0	–	–	–	–	50.1	–	0.0	–	–	–	–	–
63.0	90.0	6.6	–	–	22.7	23.4	–	0.0	–	–	2.8	–	–
67.0	50.0	14.7	–	–	21.5	36.4	–	0.0	–	–	0.0	–	–
67.0	55.0	13.9	–	–	5.0	74.1	–	0.0	–	–	0.0	–	–
67.0	60.0	2.8	–	–	11.0	3.4	–	0.0	–	–	0.0	–	–
67.0	65.0	–	–	–	–	18.8	–	3.8	–	–	–	–	–
67.0	70.0	35.4	–	–	–	16.2	–	0.0	–	–	2.8	–	–

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	75.0	-	-	-	-	6.0	-	0.0	-	-	-	-	-
67.0	80.0	-	-	-	-	12.2	-	20.0	-	-	0.0	-	-
67.0	90.0	25.9	-	-	0.0	-	-	0.0	-	-	0.0	-	-
70.0	52.0	-	-	-	68.3	2.9	-	3.3	-	-	0.0	-	-
70.0	55.0	26.7	-	-	100.9	5.9	-	21.1	-	-	0.0	-	-
70.0	60.0	13.6	-	-	111.4	42.2	-	0.0	-	-	0.0	-	-
70.0	65.0	-	-	-	241.6	-	-	0.0	-	-	-	-	-
70.0	70.0	442.8	-	-	130.0	-	-	6.3	-	-	0.0	-	-
70.0	75.0	-	-	-	-	35.6	-	0.0	-	-	-	-	-
70.0	80.0	34.6	-	-	15.7	6.8	-	0.0	-	-	0.0	-	-
70.0	85.0	-	-	-	-	17.4	-	6.9	-	-	-	-	-
70.0	90.0	5.6	-	-	10.5	0.0	-	28.2	-	-	0.0	-	-
73.0	51.0	0.0	7.3	-	21.1	22.4	-	0.0	-	-	0.0	-	-
73.0	53.0	-	11.7	-	-	-	-	-	-	-	-	-	-
73.0	55.0	0.0	37.6	-	47.8	2.8	-	0.0	-	-	0.0	-	-
73.0	57.0	-	19.8	-	-	-	-	-	-	-	-	-	-
73.0	60.0	9.0	24.6	-	2.9	9.2	-	0.0	-	-	0.0	-	-
73.0	65.0	-	-	-	152.1	0.0	-	0.0	-	-	-	-	-
73.0	70.0	45.3	31.5	-	41.2	60.4	-	0.0	-	-	0.0	-	-
73.0	75.0	-	-	-	-	6.1	-	0.0	-	-	-	-	-
73.0	80.0	-	-	-	11.6	42.1	-	0.0	-	-	0.0	-	-
73.0	85.0	-	-	-	-	30.2	-	0.0	-	-	-	-	-
73.0	90.0	-	-	-	0.0	2.9	-	0.0	-	-	0.0	-	-
77.0	50.0	2.8	10.2	-	5.8	18.0	0.0	0.0	0.0	-	0.0	-	-
77.0	53.0	-	6.3	-	-	-	-	-	-	-	-	2.3	8.8
77.0	55.0	36.5	80.0	-	49.0	-	0.0	0.0	0.0	-	0.0	2.3	29.8
77.0	57.0	-	41.9	-	-	-	-	-	-	-	-	-	-
77.0	60.0	18.6	13.4	-	72.5	19.4	3.2	5.9	0.0	-	0.0	10.4	35.5
77.0	65.0	-	-	-	130.6	3.0	6.7	0.0	-	-	-	-	-
77.0	70.0	3.0	19.8	-	0.0	16.8	7.3	12.3	-	-	0.0	0.0	6.0
77.0	75.0	-	-	-	-	44.3	-	3.0	-	-	-	-	-
77.0	80.0	-	-	-	3.1	12.9	11.0	0.0	-	-	0.0	-	-
77.0	85.0	-	-	-	-	5.7	9.5	0.0	-	-	-	-	-
77.0	90.0	-	-	-	0.0	20.0	5.9	0.0	-	-	0.0	-	-
80.0	52.0	4.8	-	-	2.6	3.0	0.0	0.0	0.0	-	0.0	-	-
80.0	53.0	-	46.5	-	-	-	-	-	-	-	-	8.9	5.6
80.0	55.0	35.9	155.5	-	141.0	27.9	3.0	0.0	0.0	-	0.0	0.0	0.0
80.0	57.0	-	95.7	-	-	-	-	-	-	-	-	-	-
80.0	60.0	13.8	20.8	-	15.9	30.4	3.4	0.0	0.0	-	0.0	0.0	0.0
80.0	65.0	-	-	-	12.3	0.0	5.7	0.0	-	-	-	-	-
80.0	70.0	2.4	3.0	-	30.0	11.1	7.7	2.9	0.0	-	0.0	0.0	0.0
80.0	75.0	-	-	-	0.0	0.0	5.8	0.0	0.0	-	-	-	-
80.0	80.0	5.6	58.9	-	0.0	3.2	0.0	0.0	0.0	-	0.0	-	-
80.0	85.0	-	-	-	3.0	0.0	6.1	0.0	0.0	-	-	-	-
80.0	90.0	0.0	18.6	-	0.0	0.0	3.3	0.0	0.0	-	0.0	-	-
80.0	130.0	-	-	-	-	2.8	-	-	-	-	-	-	-

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	69.6	14.1	-	0.0	2.7	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	40.0	5.8	11.5	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	43.0	15.1	74.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	3.0
83.0	51.0	30.2	88.0	-	41.0	2.4	0.0	0.0	0.0	-	0.0	3.2	0.0
83.0	55.0	81.5	75.8	-	56.9	2.8	12.8	0.0	0.0	-	0.0	0.0	0.0
83.0	60.0	17.9	22.2	-	17.1	42.4	17.9	4.9	0.0	-	0.0	0.0	0.0
83.0	65.0	-	-	-	11.3	0.0	17.8	0.0	0.0	-	-	-	-
83.0	70.0	14.7	56.9	-	13.8	24.8	2.9	0.0	0.0	-	3.0	-	-
83.0	75.0	-	-	-	11.1	2.7	9.2	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	-	0.0	7.3	0.0	0.0	0.0	-	0.0	-	-
83.0	85.0	-	-	-	5.9	0.0	3.1	0.0	-	-	-	-	-
83.0	90.0	0.0	5.1	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
87.0	35.0	67.2	2.9	5.9	9.0	2.6	0.0	0.0	0.0	-	1.6	0.0	0.0
87.0	40.0	189.0	28.4	0.0	6.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	45.0	-	-	18.6	13.9	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	50.0	21.0	57.8	63.5	7.7	0.0	0.0	0.0	0.0	-	0.0	2.5	0.0
87.0	55.0	6.4	2.5	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	3.0
87.0	60.0	-	28.4	-	6.1	0.0	6.1	0.0	0.0	-	0.0	0.0	0.0
87.0	65.0	-	-	-	15.1	6.8	11.9	0.0	0.0	-	-	-	-
87.0	70.0	-	28.9	-	9.0	0.0	6.6	0.0	0.0	-	0.0	-	-
87.0	75.0	-	-	-	5.8	0.0	0.0	-	0.0	-	-	-	-
87.0	90.0	-	3.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
90.0	28.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	30.0	54.9	0.0	0.0	-	-	-	-	-	-	-	0.0	-
90.0	32.0	22.3	3.2	-	5.8	2.7	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	44.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	45.0	0.0	0.0	0.0	9.3	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	50.0	0.0	0.0	10.8	8.3	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
90.0	55.0	2.4	0.0	0.0	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	60.0	-	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	-	-	2.3	-	0.0	0.0	0.0	0.0	0.0	-	-	-
90.0	70.0	-	4.2	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0
90.0	90.0	-	0.0	0.0	0.0	0.0	-	2.9	0.0	0.0	0.0	-	0.0
90.0	130.0	-	-	-	-	2.8	-	-	-	-	-	-	-
93.0	27.0	2.8	-	-	-	-	-	-	-	-	-	-	-
93.0	28.0	-	0.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
93.0	30.0	11.6	0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
93.0	35.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	11.0	19.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	45.0	0.0	6.0	14.5	20.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	5.9	5.6	38.0	8.7	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	55.0	12.8	11.8	10.1	11.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	60.0	2.6	0.0	3.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	8.3	0.0	0.0	0.0	0.0	0.0	-	-	-
93.0	75.0	-	-	-	2.9	0.0	0.0	0.0	0.0	0.0	-	-	-
93.0	80.0	2.8	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Stenobrachius leucopsarus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	85.0	–	–	–	5.7	0.0	0.0	0.0	0.0	0.0	–	–	–
97.0	32.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	35.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
97.0	40.0	0.0	0.0	5.2	0.0	5.5	0.0	0.0	0.0	–	0.0	–	–
97.0	45.0	0.0	0.0	8.3	46.1	3.1	0.0	0.0	0.0	–	0.0	–	–
97.0	50.0	0.0	0.0	0.0	41.3	8.8	0.0	0.0	0.0	–	0.0	–	–
97.0	55.0	0.0	0.0	0.0	–	8.9	0.0	–	0.0	–	0.0	–	–
97.0	60.0	2.7	0.0	0.0	13.9	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	65.0	–	–	–	2.9	0.0	0.0	0.0	0.0	–	–	–	–
97.0	70.0	0.0	18.4	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	80.0	0.0	0.0	–	0.0	3.4	0.0	0.0	0.0	–	0.0	–	–
100.0	29.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	50.0	0.0	0.0	0.0	0.0	15.3	0.0	0.0	0.0	–	0.0	–	–
100.0	85.0	–	–	–	0.0	0.0	0.0	0.0	6.3	–	–	–	–
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	6.3	–	0.0	–	–
103.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	6.6	–	0.0	–	–
113.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	–	–
113.0	40.0	–	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	75.0	–	–	–	0.0	0.0	0.0	3.2	0.0	–	–	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	–	–

Triphoturus mexicanus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	70.0	0.0	–	–	0.0	–	–	0.0	–	–	1.8	–	–
70.0	90.0	0.0	–	–	0.0	0.0	–	0.0	–	–	2.9	–	–
73.0	75.0	–	–	–	–	9.1	–	0.0	–	–	–	–	–
77.0	50.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
77.0	55.0	0.0	0.0	–	0.0	–	0.0	10.1	6.4	–	4.1	0.0	0.0
77.0	60.0	0.0	0.0	–	0.0	0.0	0.0	5.9	0.0	–	0.0	0.0	0.0
77.0	65.0	–	–	–	0.0	0.0	0.0	3.3	–	–	–	–	–
77.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	–	13.5	0.0	0.0
77.0	90.0	–	–	–	3.0	0.0	0.0	0.0	–	–	3.0	–	–
80.0	52.0	0.0	–	–	0.0	0.0	2.7	0.0	0.0	–	2.3	–	–
80.0	55.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.8	–	8.1	0.0	0.0
80.0	60.0	0.0	0.0	–	6.3	0.0	0.0	24.5	12.9	–	5.7	0.0	0.0
80.0	65.0	–	–	–	0.0	2.7	0.0	0.0	–	–	–	–	–
80.0	70.0	0.0	0.0	–	0.0	2.8	0.0	0.0	5.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	0.0	2.9	0.0	3.4	–	–	–	–
80.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
80.0	90.0	0.0	0.0	–	5.7	7.3	0.0	0.0	2.3	–	0.0	–	–
82.0	47.0	0.0	0.0	–	0.0	0.0	0.0	10.9	3.2	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	3.2	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	0.0	0.0	0.0	4.5	9.2	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	5.4	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	0.0	-	0.0	0.0	3.0	0.0	17.2	-	0.0	0.0	0.0
83.0	65.0	-	-	-	0.0	0.0	3.0	0.0	0.0	-	-	-	-
83.0	70.0	0.0	0.0	-	0.0	13.8	0.0	0.0	0.0	-	0.0	-	-
83.0	75.0	-	-	-	0.0	0.0	3.1	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.3	-	0.0	-	-
83.0	85.0	-	-	-	0.0	2.9	0.0	0.0	-	-	-	-	-
83.0	90.0	0.0	0.0	-	0.0	0.0	0.0	0.0	9.2	-	0.0	-	-
87.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	6.3	0.0	0.0
87.0	45.0	-	-	0.0	0.0	0.0	2.2	0.0	0.0	-	2.7	0.0	0.0
87.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	-	0.0	0.0	0.0
87.0	55.0	0.0	0.0	-	0.0	0.0	0.0	35.0	0.0	-	2.5	2.8	0.0
87.0	60.0	-	0.0	-	9.1	0.0	0.0	9.1	0.0	-	0.0	0.0	0.0
87.0	65.0	-	-	-	0.0	0.0	20.8	3.2	0.0	-	-	-	-
87.0	70.0	-	0.0	-	0.0	0.0	19.7	0.0	48.3	-	8.6	-	-
87.0	75.0	-	-	-	0.0	18.2	14.0	-	138.6	-	-	-	-
87.0	80.0	-	0.0	-	5.9	2.8	9.2	3.2	16.1	-	0.0	-	-
87.0	85.0	-	-	-	3.0	3.0	0.0	8.3	2.7	-	-	-	-
87.0	90.0	-	0.0	-	0.0	3.0	2.8	19.1	45.4	-	0.0	-	-
90.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
90.0	32.0	0.0	0.0	-	0.0	0.0	0.0	5.7	0.0	8.2	0.0	-	0.0
90.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.2	8.5	0.0	0.0	0.0
90.0	45.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	3.5	0.0	3.0	0.0	0.0
90.0	50.0	0.0	0.0	0.0	0.0	0.0	2.8	-	5.5	2.7	5.1	0.0	0.0
90.0	55.0	0.0	0.0	0.0	0.0	5.7	0.0	12.2	3.0	8.2	14.3	0.0	0.0
90.0	60.0	-	0.0	0.0	0.0	25.5	59.4	6.2	0.0	7.9	7.0	0.0	0.0
90.0	65.0	-	-	4.5	-	3.1	0.0	18.9	7.4	8.6	-	-	-
90.0	70.0	-	0.0	0.0	11.6	12.0	5.3	30.5	30.1	11.4	0.0	10.5	0.0
90.0	75.0	-	-	-	19.7	0.0	8.4	7.4	40.8	30.5	-	-	-
90.0	80.0	-	0.0	2.6	8.6	6.8	29.4	30.1	19.3	19.4	0.0	0.0	0.0
90.0	85.0	-	-	-	0.0	6.2	-	11.8	20.7	10.9	-	-	-
90.0	90.0	-	0.0	2.2	11.2	2.8	-	2.9	0.0	15.7	0.0	-	0.0
90.0	100.0	-	-	-	-	0.0	-	-	-	5.8	-	-	0.0
90.0	110.0	-	-	-	-	2.9	-	-	-	5.8	-	-	-
90.0	120.0	-	-	-	-	11.6	-	-	-	4.9	-	-	-
90.0	130.0	-	-	-	-	2.8	-	-	-	-	-	-	-
90.0	145.0	-	-	-	-	2.8	-	-	-	-	-	-	-
93.0	28.0	-	0.0	0.0	0.0	2.8	0.0	3.4	0.0	2.6	0.0	0.0	0.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	17.0	25.0	0.0	0.0
93.0	35.0	0.0	0.0	0.0	0.0	5.7	9.2	0.0	14.3	66.2	5.6	7.4	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	2.3	10.0	33.4	19.3	28.4	0.0	0.0
93.0	45.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	96.9	26.9	13.9	0.0	0.0
93.0	50.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	185.9	29.8	2.5	0.0	0.0
93.0	55.0	0.0	0.0	0.0	0.0	14.4	2.4	2.6	9.1	59.0	6.1	3.1	0.0
93.0	60.0	0.0	0.0	3.1	0.0	19.9	0.0	2.8	3.0	11.5	0.0	0.0	0.0
93.0	65.0	-	-	-	2.8	14.5	6.6	11.4	5.8	96.6	-	-	-
93.0	70.0	0.0	-	0.0	2.8	0.0	32.9	0.0	6.5	46.6	6.6	0.0	0.0

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	75.0	-	-	-	0.0	12.1	2.8	5.4	0.0	13.6	-	-	-
93.0	80.0	0.0	0.0	5.3	11.4	2.7	9.7	3.4	0.0	5.4	8.4	0.0	0.0
93.0	85.0	-	-	-	0.0	12.5	6.2	8.9	33.7	0.0	-	-	-
93.0	90.0	0.0	0.0	0.0	0.0	12.4	3.8	0.0	25.8	0.0	-	-	0.0
93.0	110.0	-	-	-	-	-	-	-	-	19.0	-	-	-
97.0	30.0	0.0	0.0	0.0	-	0.0	2.5	0.0	11.1	-	15.6	-	-
97.0	32.0	0.0	0.0	0.0	0.0	0.0	12.1	2.8	29.2	-	2.9	-	-
97.0	35.0	0.0	0.0	0.0	0.0	5.6	6.6	14.9	14.7	-	14.7	-	-
97.0	40.0	0.0	0.0	0.0	0.0	13.9	24.9	38.1	21.8	-	8.6	-	-
97.0	45.0	0.0	0.0	0.0	2.9	0.0	3.2	2.9	9.2	-	2.6	-	-
97.0	50.0	0.0	0.0	0.0	0.0	14.7	19.1	0.0	6.4	-	14.1	-	-
97.0	55.0	0.0	0.0	15.4	-	3.0	20.5	-	15.2	-	0.0	-	-
97.0	60.0	0.0	0.0	0.0	0.0	8.6	70.7	42.5	32.3	-	14.6	-	-
97.0	65.0	-	-	-	0.0	5.7	18.8	11.9	11.6	-	-	-	-
97.0	70.0	0.0	0.0	-	22.6	8.8	64.6	0.0	14.3	-	5.7	-	-
97.0	75.0	-	-	-	29.7	9.2	18.3	28.7	23.9	-	-	-	-
97.0	80.0	0.0	0.0	-	0.0	0.0	5.2	30.9	19.4	-	8.7	-	-
97.0	85.0	-	-	-	8.6	2.8	0.0	3.0	12.2	-	-	-	-
97.0	90.0	0.0	0.0	-	2.8	0.0	0.0	16.5	27.0	-	13.2	-	-
100.0	29.0	0.0	0.0	0.0	0.0	3.2	11.0	0.0	46.9	-	0.0	-	-
100.0	30.0	0.0	0.0	0.0	0.0	0.0	5.8	3.0	29.1	-	11.9	-	-
100.0	35.0	0.0	0.0	0.0	0.0	9.1	64.8	3.8	40.0	-	3.0	-	-
100.0	40.0	-	0.0	13.0	8.3	0.0	49.6	6.5	14.4	-	64.9	-	-
100.0	45.0	0.0	0.0	0.0	2.7	8.9	33.7	16.5	36.6	-	105.3	-	-
100.0	50.0	0.0	0.0	0.0	2.7	55.1	16.2	31.1	94.9	-	142.6	-	-
100.0	55.0	-	0.0	2.4	8.2	49.0	16.4	69.7	34.0	-	42.4	-	-
100.0	60.0	0.0	0.0	0.0	0.0	23.7	12.1	127.2	83.2	-	11.6	-	-
100.0	65.0	-	-	-	8.4	29.7	30.5	-	44.8	-	-	-	-
100.0	70.0	0.0	0.0	-	34.1	15.3	6.0	26.2	44.9	-	0.0	-	-
100.0	75.0	-	-	-	85.8	15.1	17.9	6.5	15.9	-	-	-	-
100.0	80.0	0.0	0.0	-	11.0	5.6	16.7	12.3	10.1	-	8.6	-	-
100.0	85.0	-	-	-	5.5	0.0	13.0	3.3	15.7	-	-	-	-
100.0	90.0	0.0	0.0	-	2.8	6.6	3.0	6.6	0.0	-	4.7	-	-
101.0	50.0	-	-	-	-	-	-	-	-	-	2.9	-	-
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	-	13.9	-	13.7	-	-
103.0	35.0	0.0	0.0	8.8	24.9	0.0	8.7	-	17.6	-	27.1	-	-
103.0	40.0	0.0	0.0	2.5	2.6	43.4	8.0	-	20.9	-	5.9	-	-
103.0	45.0	0.0	0.0	0.0	4.8	81.1	5.7	31.7	48.1	-	73.3	-	-
103.0	50.0	0.0	0.0	0.0	2.8	34.1	139.2	56.0	129.3	-	78.1	-	-
103.0	55.0	0.0	0.0	0.0	8.7	0.0	42.3	11.4	60.4	-	48.2	-	-
103.0	60.0	0.0	0.0	0.0	23.8	38.4	113.6	8.7	116.6	-	79.5	-	-
103.0	65.0	-	-	-	5.7	0.0	48.1	18.7	102.0	-	-	-	-
103.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.3	-	5.9	-	-
103.0	75.0	-	-	-	5.7	3.1	0.0	14.2	31.1	-	-	-	-
103.0	80.0	0.0	-	0.0	2.6	3.1	0.0	45.3	12.9	-	0.0	-	-
103.0	85.0	-	-	-	0.0	11.9	0.0	47.8	25.2	-	-	-	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	90.0	0.0	–	–	8.3	14.9	0.0	70.5	6.6	–	6.0	–	–
107.0	32.0	0.0	0.0	0.0	6.3	262.2	19.5	0.0	67.0	–	80.3	–	–
107.0	35.0	0.0	0.0	2.6	10.0	102.7	9.5	8.5	204.5	–	12.6	–	–
107.0	40.0	0.0	0.0	2.6	9.6	182.4	6.5	13.8	197.3	–	52.6	–	–
107.0	45.0	0.0	0.0	0.0	6.5	12.3	22.3	13.0	78.7	–	41.5	–	–
107.0	50.0	0.0	0.0	7.7	0.0	3.2	6.1	16.1	43.2	–	63.6	–	–
107.0	55.0	0.0	0.0	0.0	2.5	0.0	27.3	26.2	28.6	–	–	–	–
107.0	60.0	0.0	0.0	0.0	11.1	0.0	0.0	246.5	3.2	–	9.4	–	–
107.0	65.0	–	–	–	0.0	14.9	3.0	306.6	19.6	–	–	–	–
107.0	70.0	0.0	–	0.0	0.0	22.1	2.6	119.1	98.2	–	14.1	–	–
107.0	75.0	–	–	–	0.0	6.1	0.0	41.3	72.5	–	–	–	–
107.0	80.0	0.0	–	0.0	0.0	5.9	5.3	22.0	149.0	–	24.2	–	–
107.0	85.0	–	–	–	0.0	8.9	8.6	29.3	81.3	–	–	–	–
107.0	90.0	0.0	–	–	0.0	3.2	14.3	30.6	160.6	–	27.8	–	–
110.0	33.0	0.0	0.0	0.0	0.0	19.9	17.6	0.0	59.5	49.3	7.7	–	–
110.0	35.0	0.0	0.0	0.0	0.0	35.6	13.8	26.4	19.2	26.9	5.6	–	–
110.0	40.0	0.0	0.0	0.0	4.6	35.4	14.6	11.3	57.2	8.6	19.9	–	–
110.0	45.0	0.0	2.7	0.0	12.8	18.8	8.5	10.2	20.9	–	17.2	–	–
110.0	50.0	0.0	6.2	19.2	53.8	21.3	16.0	10.2	101.1	–	58.8	–	–
110.0	55.0	0.0	0.0	5.5	14.8	14.8	5.7	51.4	80.2	–	25.6	–	–
110.0	60.0	0.0	0.0	2.7	27.1	14.8	7.9	27.4	210.4	–	66.6	–	–
110.0	65.0	–	8.6	0.0	11.3	0.0	11.3	16.9	88.5	–	–	–	–
110.0	70.0	0.0	0.0	0.0	13.5	19.7	0.0	78.9	12.6	–	0.0	–	–
110.0	75.0	–	–	–	18.8	19.9	24.5	24.9	28.0	–	–	–	–
110.0	80.0	0.0	0.0	0.0	15.0	5.8	16.5	115.1	9.5	–	0.0	–	–
110.0	85.0	–	–	–	0.0	8.6	8.3	344.5	–	–	–	–	–
110.0	90.0	0.0	0.0	0.0	–	2.9	11.6	415.2	–	–	0.0	–	–
113.0	30.0	0.0	0.0	0.0	0.0	2.8	0.0	–	4.8	6.3	0.0	–	–
113.0	35.0	0.0	3.1	29.7	9.7	34.2	58.0	140.3	90.4	97.9	31.2	–	–
113.0	40.0	–	8.9	11.8	58.7	2.9	50.6	212.4	63.3	225.1	46.8	–	–
113.0	45.0	0.0	7.6	14.1	48.6	5.3	130.1	164.7	58.7	–	11.8	–	–
113.0	50.0	0.0	0.0	64.0	28.7	27.0	142.4	32.9	29.3	–	46.1	–	–
113.0	55.0	0.0	5.5	53.7	37.0	11.4	141.5	20.8	21.3	–	15.5	–	–
113.0	60.0	0.0	0.0	13.7	47.5	2.9	13.5	18.0	49.0	–	5.1	–	–
113.0	65.0	–	0.0	0.0	21.2	48.5	28.2	117.0	57.4	–	–	–	–
113.0	70.0	0.0	0.0	0.0	20.6	14.3	64.5	112.5	198.3	–	8.1	–	–
113.0	75.0	–	–	–	5.2	5.8	18.6	101.1	151.4	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	28.8	187.7	150.9	–	9.1	–	–
113.0	85.0	–	–	–	0.0	3.0	0.0	117.0	–	–	–	–	–
113.0	90.0	0.0	–	–	0.0	6.1	37.8	29.4	–	–	18.4	–	–
115.0	30.0	–	–	–	–	–	–	–	–	2.4	–	–	–
115.0	35.0	–	–	–	–	–	–	–	–	57.8	–	–	–
115.0	40.0	–	–	–	–	–	–	–	–	111.4	–	–	–
117.0	26.0	0.0	0.0	2.6	0.0	0.0	0.0	4.8	0.0	13.5	0.0	–	–
117.0	30.0	0.0	2.6	0.0	0.0	10.5	2.6	22.8	26.7	0.0	1.9	–	–
117.0	35.0	0.0	0.0	21.4	12.4	99.0	17.8	10.6	20.4	39.8	10.9	–	–

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	40.0	2.8	0.0	69.9	222.6	5.3	37.8	23.0	35.8	82.6	31.3	-	-
117.0	45.0	0.0	0.0	53.0	13.1	89.9	0.0	2.8	222.9	-	7.7	-	-
117.0	50.0	0.0	0.0	11.4	33.4	74.9	23.2	29.6	195.0	-	2.7	-	-
117.0	55.0	0.0	2.8	0.0	26.8	136.2	44.0	19.0	106.0	-	15.6	-	-
117.0	60.0	0.0	0.0	0.0	25.6	11.8	36.1	5.6	69.0	-	60.4	-	-
117.0	65.0	-	5.6	2.8	54.5	3.0	80.6	17.2	54.4	-	-	-	-
117.0	70.0	0.0	5.6	0.0	2.8	5.6	64.9	102.0	157.4	-	18.8	-	-
117.0	75.0	-	-	-	0.0	5.9	6.2	49.1	168.1	-	-	-	-
117.0	80.0	0.0	-	2.8	11.8	2.9	24.0	8.7	427.8	-	6.1	-	-
117.0	85.0	-	-	-	18.3	23.5	31.2	21.8	-	-	-	-	-
117.0	90.0	0.0	-	-	11.2	0.0	50.2	69.4	-	-	2.7	-	-
118.0	39.0	0.0	0.0	78.3	37.0	24.6	104.6	17.4	93.6	5.0	11.4	-	-
118.5	25.0	-	-	-	-	-	-	-	-	16.7	-	-	-
118.5	30.0	-	-	-	-	-	-	-	-	5.2	-	-	-
118.5	35.0	-	-	-	-	-	-	-	-	14.9	-	-	-
119.0	33.0	0.0	0.0	0.0	0.0	-	13.5	2.6	14.9	5.8	0.0	-	-
120.0	25.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	2.2	0.0	-	-
120.0	30.0	0.0	0.0	0.0	0.0	-	2.8	0.0	3.0	7.7	0.0	-	-
120.0	35.0	0.0	0.0	3.2	0.0	-	6.7	0.0	18.2	2.9	0.0	-	-
120.0	40.0	2.3	0.0	0.0	3.3	5.5	4.0	1.9	5.6	6.8	2.5	-	-
120.0	45.0	0.0	0.0	23.2	18.2	103.0	30.0	9.4	156.6	8.6	5.8	-	-
120.0	50.0	8.3	8.6	8.4	41.1	96.9	113.2	5.6	61.4	-	5.8	-	-
120.0	55.0	0.0	0.0	6.3	171.4	22.2	41.8	8.6	66.6	-	10.7	-	-
120.0	60.0	0.0	9.2	8.6	12.3	30.4	41.4	18.1	63.5	-	55.9	-	-
120.0	65.0	-	2.9	0.0	41.0	5.6	36.1	9.0	56.1	-	-	-	-
120.0	70.0	0.0	0.0	2.8	17.1	5.5	14.9	169.1	50.9	-	16.2	-	-
120.0	75.0	-	-	-	5.3	-	0.0	359.6	20.9	-	-	-	-
120.0	80.0	0.0	2.9	3.0	0.0	31.4	9.0	87.7	43.0	-	2.7	-	-
120.0	85.0	-	-	-	0.0	50.1	70.3	15.4	-	-	-	-	-
120.0	90.0	0.0	0.0	9.2	8.1	76.7	3.1	37.5	-	-	11.4	-	-
120.7	26.0	-	-	-	-	-	-	-	-	5.3	-	-	-
121.3	30.0	-	-	-	-	-	-	-	-	15.5	-	-	-
123.0	37.0	0.0	11.9	2.7	-	0.0	17.5	3.9	115.4	25.7	14.0	-	-
123.0	42.0	0.0	2.8	3.0	-	68.1	8.9	13.6	19.5	34.9	5.4	-	-
123.0	45.0	0.0	0.0	11.0	-	7.4	11.8	18.3	-	13.1	5.2	-	-
123.0	50.0	-	0.0	16.3	-	53.5	271.7	52.3	72.5	-	8.1	-	-
123.0	55.0	-	0.0	17.9	-	157.7	91.4	22.9	55.8	-	26.8	-	-
123.0	60.0	0.0	0.0	8.4	-	50.6	7.3	113.1	60.5	-	40.5	-	-
123.0	65.0	-	-	-	-	39.0	71.2	222.2	40.5	-	-	-	-
123.0	70.0	0.0	-	-	-	81.4	49.0	169.3	80.4	-	38.1	-	-
127.0	34.0	0.0	2.9	0.0	-	6.7	0.0	0.0	0.0	8.1	0.0	-	-
127.0	40.0	0.0	2.9	12.0	-	2.6	5.4	0.0	2.7	23.1	11.7	-	-
127.0	45.0	2.3	8.8	26.4	-	5.7	63.1	28.0	12.9	38.1	2.9	-	-
127.0	50.0	0.0	5.4	27.1	-	24.4	141.1	44.6	25.8	-	22.0	-	-
127.0	55.0	-	3.0	6.2	-	48.3	121.4	53.8	166.3	-	34.3	-	-
127.0	60.0	0.0	0.0	18.4	-	15.4	50.2	394.4	296.1	-	11.1	-	-

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	65.0	–	–	–	–	54.2	62.0	332.9	136.0	–	–	–	–
127.0	70.0	0.0	–	–	–	74.8	67.9	138.9	14.3	–	14.9	–	–
130.0	30.0	0.0	0.0	2.9	0.0	0.0	16.9	0.0	0.0	5.7	0.0	–	–
130.0	35.0	0.0	0.0	0.0	2.7	66.6	10.8	6.3	93.5	15.3	0.0	–	–
130.0	40.0	0.0	3.0	19.9	0.0	63.1	82.6	6.4	70.1	37.3	9.2	–	–
130.0	45.0	2.8	0.0	11.2	40.7	10.4	5.6	5.6	37.1	8.7	5.6	–	–
130.0	50.0	0.0	0.0	9.1	8.1	54.0	5.7	2.7	21.8	–	2.7	–	–
130.0	55.0	1.9	0.0	9.0	11.8	41.1	227.0	14.5	24.5	–	0.0	–	–
130.0	60.0	2.0	0.0	14.5	0.0	53.6	296.0	8.1	73.5	–	0.0	–	–
130.0	65.0	–	–	–	–	–	59.4	17.2	55.2	–	–	–	–
130.0	70.0	–	–	–	–	–	60.7	25.5	6.5	–	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	–	2.8	0.0	–	–
133.0	30.0	2.4	0.0	0.0	4.5	0.0	2.8	0.0	0.0	2.6	0.0	–	–
133.0	35.0	0.0	0.0	11.2	8.3	0.0	12.9	2.8	38.9	–	0.0	–	–
133.0	40.0	0.0	2.6	133.2	52.1	0.0	5.7	0.0	25.3	–	0.0	–	–
133.0	45.0	5.4	0.0	41.4	6.7	1.9	2.7	27.4	10.1	–	0.0	–	–
133.0	50.0	0.0	0.0	34.2	21.4	–	0.0	3.1	24.9	–	5.5	–	–
133.0	55.0	2.0	–	–	13.2	–	–	6.2	1.5	–	19.6	–	–
133.0	60.0	0.0	–	–	32.8	–	–	14.8	19.1	–	14.1	–	–
133.0	65.0	–	–	–	–	–	–	128.3	–	–	–	–	–
133.0	70.0	–	–	–	–	–	–	363.8	16.6	–	2.7	–	–
134.0	36.0	1.7	0.0	11.8	8.3	–	5.4	0.0	22.0	2.8	0.0	–	–
137.0	30.0	0.0	2.7	8.9	161.7	0.0	0.0	2.5	–	0.0	0.0	–	–
137.0	35.0	0.0	0.0	14.7	13.6	0.0	0.0	0.0	0.0	–	5.0	–	–
137.0	40.0	0.0	0.0	0.0	61.0	0.0	0.0	2.6	23.1	–	0.0	–	–
137.0	45.0	0.0	0.0	17.8	8.4	54.3	0.0	36.8	9.2	–	0.0	–	–
137.0	50.0	0.0	0.0	11.7	8.0	40.4	0.0	119.7	21.3	–	0.0	–	–
137.0	55.0	0.0	–	–	9.3	–	–	96.1	49.3	–	4.8	–	–
137.0	60.0	0.0	–	–	0.0	–	–	137.3	–	–	13.9	–	–
137.0	65.0	–	–	–	–	–	–	13.8	–	–	–	–	–
137.0	70.0	0.0	–	–	5.5	–	–	2.7	–	–	25.3	–	–
137.0	75.0	–	–	–	–	–	–	2.8	–	–	–	–	–
137.0	80.0	0.0	–	–	11.1	–	–	0.0	–	–	–	–	–
140.0	30.0	2.3	–	–	0.0	–	–	–	0.0	–	–	–	–
140.0	35.0	2.3	–	–	0.0	–	–	–	0.0	–	–	–	–
140.0	40.0	0.0	–	–	8.2	–	–	–	22.2	–	–	–	–
140.0	45.0	0.0	–	–	20.4	–	–	–	2.7	–	–	–	–
140.0	50.0	0.0	–	–	17.5	–	–	–	57.8	–	–	–	–
140.0	55.0	0.0	–	–	2.6	–	–	–	1.5	–	–	–	–
140.0	60.0	0.0	–	–	5.7	–	–	–	16.4	–	–	–	–
140.0	70.0	–	–	–	–	–	–	–	0.7	–	–	–	–
143.0	30.0	0.0	–	–	5.6	–	–	–	0.0	–	–	–	–
143.0	35.0	0.0	–	–	37.4	–	–	–	0.0	–	–	–	–
143.0	40.0	0.0	–	–	5.1	–	–	–	4.7	–	–	–	–
143.0	45.0	0.0	–	–	5.2	–	–	–	53.1	–	–	–	–
143.0	50.0	0.0	–	–	0.0	–	–	–	49.3	–	–	–	–

TABLE 4. (cont.)

Triphoturus mexicanus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	55.0	0.0	–	–	0.0	–	–	–	9.2	–	–	–	–
143.0	60.0	0.0	–	–	0.0	–	–	–	17.4	–	–	–	–
143.0	70.0	–	–	–	–	–	–	–	21.5	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	2.2	–	–	–	–
147.0	30.0	2.8	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	40.0	0.0	–	–	2.9	–	–	–	2.1	–	–	–	–
147.0	45.0	0.0	–	–	8.5	–	–	–	6.3	–	–	–	–
147.0	50.0	0.0	–	–	0.0	–	–	–	48.5	–	–	–	–
147.0	55.0	0.0	–	–	3.0	–	–	–	14.6	–	–	–	–
147.0	60.0	0.0	–	–	5.8	–	–	–	1.0	–	–	–	–
150.0	19.0	0.0	–	–	–	–	–	–	4.0	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	7.4	–	–	–	–
150.0	30.0	0.0	–	–	–	–	–	–	3.0	–	–	–	–
150.0	35.0	0.0	–	–	–	–	–	–	1.3	–	–	–	–
150.0	40.0	0.0	–	–	–	–	–	–	1.6	–	–	–	–
150.0	50.0	0.0	–	–	–	–	–	–	2.3	–	–	–	–
150.0	55.0	0.0	–	–	–	–	–	–	27.8	–	–	–	–
150.0	60.0	0.0	–	–	–	–	–	–	2.0	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	1.7	–	–	–	–

Diogenichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	90.0	0.0	–	–	0.0	0.0	–	0.0	–	–	2.9	–	–
83.0	60.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	–	0.0	0.0	0.0
87.0	70.0	–	0.0	–	6.0	0.0	0.0	0.0	0.0	–	0.0	–	–
87.0	75.0	–	–	–	0.0	0.0	0.0	–	3.3	–	–	–	–
87.0	80.0	–	0.0	–	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
87.0	90.0	–	0.0	–	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
90.0	55.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	60.0	–	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	70.0	–	0.0	2.7	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
90.0	80.0	–	0.0	5.2	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	90.0	–	0.0	2.2	0.0	0.0	–	0.0	3.0	0.0	0.0	–	0.0
93.0	60.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	75.0	–	–	–	0.0	0.0	0.0	0.0	0.0	8.1	–	–	–
97.0	35.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
97.0	70.0	2.4	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	80.0	0.0	0.0	–	0.0	0.0	5.2	0.0	0.0	–	0.0	–	–
100.0	45.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	80.0	0.0	2.6	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
103.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	2.7	–	–

TABLE 4. (cont.)

Diogenichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.9	-	-
103.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	9.9	-	-
103.0	90.0	0.0	-	-	0.0	0.0	0.0	5.4	0.0	-	3.0	-	-
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.0	-	-
107.0	50.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	70.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	-	8.4	-	-
107.0	75.0	-	-	-	0.0	0.0	0.0	0.0	12.1	-	-	-	-
107.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	12.2	-	12.1	-	-
107.0	85.0	-	-	-	0.0	0.0	0.0	0.0	16.3	-	-	-	-
107.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	6.1	-	5.6	-	-
110.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	-	-
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	-	0.0	-	-
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.5	-	-
110.0	75.0	-	-	-	2.7	0.0	0.0	0.0	0.0	-	-	-	-
113.0	40.0	-	0.0	0.0	0.0	0.0	0.0	0.0	8.3	18.8	0.0	-	-
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	-	0.0	-	-
113.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.7	-	-
113.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	-	2.6	-	-
113.0	65.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.0	-	-	-	-
113.0	70.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	16.3	-	0.0	-	-
113.0	75.0	-	-	-	0.0	0.0	0.0	0.0	6.2	-	-	-	-
113.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.4	-	0.0	-	-
117.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	-	0.0	-	-
117.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	-	0.0	-	-
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.8	-	0.0	-	-
117.0	75.0	-	-	-	0.0	0.0	0.0	0.0	11.4	-	-	-	-
117.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	26.2	-	0.0	-	-
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	-	-
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	-	-
120.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	-	0.0	-	-
120.0	65.0	-	0.0	0.0	0.0	2.8	0.0	0.0	3.3	-	-	-	-
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	-	0.0	-	-
120.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	-	0.0	-	-
120.0	90.0	0.0	0.0	0.0	0.0	8.9	3.1	0.0	-	-	0.0	-	-
123.0	37.0	0.0	0.0	0.0	-	0.0	0.0	0.0	8.9	0.0	0.0	-	-
123.0	42.0	0.0	0.0	0.0	-	0.0	3.0	0.0	3.3	0.0	0.0	-	-
123.0	50.0	-	0.0	0.0	-	0.0	5.7	0.0	0.0	-	0.0	-	-
123.0	55.0	-	0.0	0.0	-	0.0	22.2	0.0	0.0	-	0.0	-	-
123.0	60.0	0.0	0.0	0.0	-	0.0	7.3	0.0	0.0	-	0.0	-	-
123.0	65.0	-	-	-	-	0.0	0.0	0.0	5.8	-	-	-	-
127.0	40.0	0.0	0.0	0.0	-	0.0	2.7	0.0	0.0	0.0	0.0	-	-
127.0	45.0	0.0	0.0	0.0	-	0.0	23.7	0.0	0.0	0.0	0.0	-	-
127.0	65.0	-	-	-	-	0.0	0.0	93.4	0.0	-	-	-	-

TABLE 4. (cont.)

Diogenichthys atlanticus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	90.0	–	–	–	–	–	–	–	–	–	4.1	–	–
63.0	85.0	–	–	–	–	6.3	–	0.0	–	–	–	–	–
63.0	90.0	0.0	–	–	34.1	0.0	–	0.0	–	–	0.0	–	–
67.0	80.0	–	–	–	–	0.0	–	3.3	–	–	0.0	–	–
70.0	70.0	0.0	–	–	2.3	–	–	0.0	–	–	0.0	–	–
70.0	75.0	–	–	–	–	2.7	–	0.0	–	–	–	–	–
73.0	70.0	0.0	0.0	–	0.0	3.0	–	0.0	–	–	0.0	–	–
73.0	80.0	–	–	–	2.9	12.0	–	0.0	–	–	0.0	–	–
77.0	65.0	–	–	–	0.0	0.0	3.3	0.0	–	–	–	–	–
77.0	75.0	–	–	–	–	0.0	–	5.9	–	–	–	–	–
77.0	80.0	–	–	–	0.0	3.2	0.0	0.0	–	–	0.0	–	–
77.0	85.0	–	–	–	–	0.0	2.4	0.0	–	–	–	–	–
77.0	90.0	–	–	–	0.0	2.9	2.9	0.0	–	–	0.0	–	–
80.0	55.0	2.8	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	100.0	–	–	–	–	14.3	–	–	–	–	–	–	–
80.0	110.0	–	–	–	–	39.8	–	–	–	–	–	–	–
80.0	120.0	–	–	–	–	5.8	–	–	–	–	–	–	–
80.0	130.0	–	–	–	–	2.8	–	–	–	–	–	–	–
80.0	145.0	–	–	–	–	5.8	–	–	–	–	–	–	–
82.0	47.0	2.9	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	60.0	0.0	0.0	–	0.0	0.0	3.0	0.0	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	3.0	3.0	0.0	0.0	–	–	–	–
83.0	70.0	0.0	0.0	–	0.0	5.5	8.6	0.0	0.0	–	0.0	–	–
83.0	75.0	–	–	–	0.0	5.5	0.0	0.0	–	–	–	–	–
83.0	85.0	–	–	–	0.0	2.9	0.0	0.0	–	–	–	–	–
83.0	90.0	0.0	2.6	–	34.9	6.0	0.0	0.0	0.0	–	0.0	–	–
87.0	60.0	–	2.9	–	3.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	65.0	–	–	–	0.0	0.0	11.9	3.2	0.0	–	–	–	–
87.0	70.0	–	0.0	–	0.0	10.2	9.8	0.0	9.7	–	0.0	–	–
87.0	75.0	–	–	–	0.0	6.1	5.6	–	0.0	–	–	–	–
87.0	80.0	–	0.0	–	5.9	5.5	24.6	0.0	0.0	–	0.0	–	–
87.0	85.0	–	–	–	6.0	3.0	0.0	0.0	0.0	–	–	–	–
87.0	90.0	–	0.0	–	0.0	8.9	0.0	0.0	0.0	–	3.7	–	–
90.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
90.0	60.0	–	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	–	–	0.0	–	3.1	0.0	0.0	0.0	2.9	–	–	–
90.0	70.0	–	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	80.0	–	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0	85.0	–	–	–	0.0	3.1	–	0.0	0.0	0.0	–	–	–
90.0	90.0	–	4.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
90.0	100.0	–	–	–	–	2.8	–	–	–	0.0	–	–	0.0
90.0	120.0	–	–	–	–	2.9	–	–	–	0.0	–	–	–
93.0	45.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0
93.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
93.0	70.0	0.0	–	4.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0
93.0	80.0	0.0	0.0	0.0	2.9	2.7	0.0	0.0	0.0	0.0	2.8	0.0	0.0

TABLE 4. (cont.)

Diogenichthys atlanticus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	85.0	-	-	-	2.9	0.0	3.1	0.0	3.1	5.1	-	-	-
93.0	100.0	-	-	-	-	-	-	-	-	0.0	-	-	12.1
93.0	110.0	-	-	-	-	-	-	-	-	8.2	-	-	-
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	2.9	-	-
97.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.9	-	-
97.0	70.0	0.0	0.0	-	2.8	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	75.0	-	-	-	2.7	0.0	3.0	0.0	0.0	-	-	-	-
97.0	80.0	0.0	2.3	-	0.0	3.4	0.0	0.0	0.0	-	5.8	-	-
97.0	85.0	-	-	-	0.0	0.0	0.0	0.0	6.1	-	-	-	-
97.0	90.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	3.3	-	-
100.0	55.0	-	0.0	0.0	0.0	0.0	0.0	2.5	0.0	-	6.1	-	-
100.0	70.0	5.6	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	75.0	-	-	-	0.0	0.0	0.0	0.0	3.2	-	-	-	-
100.0	80.0	0.0	0.0	-	0.0	0.0	3.3	0.0	0.0	-	0.0	-	-
100.0	90.0	0.0	0.0	-	0.0	0.0	0.0	0.0	9.4	-	9.4	-	-
103.0	55.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	-	0.0	-	-
103.0	60.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	-	8.5	-	-
103.0	70.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	75.0	-	-	-	0.0	0.0	0.0	0.0	2.6	-	-	-	-
103.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
107.0	65.0	-	-	-	0.0	0.0	0.0	0.0	3.3	-	-	-	-
107.0	70.0	0.0	-	0.0	0.0	0.0	0.0	5.5	0.0	-	5.6	-	-
107.0	75.0	-	-	-	0.0	0.0	0.0	0.0	3.0	-	-	-	-
107.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-
107.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	8.3	-	-
110.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	-	-
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0	-	-
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.5	-	-
113.0	40.0	-	3.0	0.0	0.0	0.0	0.0	3.0	8.3	0.0	0.0	-	-
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	-
120.0	55.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0	-	-
130.0	55.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	0.0	-	-

Diogenichthys laternatus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	55.0	2.8	0.0	0.0	-	0.0	0.0	-	0.0	-	0.0	-	-
100.0	70.0	0.0	5.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	8.4	-	-
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	8.3	-	-
107.0	35.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	40.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	-	9.1	-	-

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	3.2	-	0.0	-	-
107.0	65.0	-	-	-	0.0	5.9	3.0	5.8	0.0	-	-	-	-
107.0	70.0	0.0	-	0.0	0.0	0.0	0.0	8.3	0.0	-	8.4	-	-
107.0	75.0	-	-	-	0.0	3.0	0.0	0.0	0.0	-	-	-	-
107.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.1	-	0.0	-	-
107.0	85.0	-	-	-	0.0	0.0	2.9	0.0	0.0	-	-	-	-
107.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	9.1	-	0.0	-	-
110.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	-
110.0	40.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	45.0	2.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	50.0	5.4	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	30.8	-	-
110.0	55.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	60.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	15.7	-	0.0	-	-
110.0	65.0	-	8.6	0.0	0.0	0.0	0.0	0.0	15.8	-	-	-	-
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	6.3	-	12.4	-	-
110.0	75.0	-	-	-	0.0	0.0	2.7	5.5	0.0	-	-	-	-
110.0	80.0	2.8	0.0	0.0	0.0	0.0	0.0	38.4	3.2	-	2.8	-	-
110.0	85.0	-	-	-	0.0	2.9	0.0	5.2	-	-	-	-	-
110.0	90.0	0.0	0.0	0.0	-	0.0	0.0	2.4	-	-	0.0	-	-
113.0	35.0	0.0	3.1	8.1	0.0	0.0	0.0	0.0	6.5	0.0	2.6	-	-
113.0	40.0	-	20.9	11.8	0.0	0.0	0.0	8.9	19.3	0.0	22.0	-	-
113.0	45.0	2.1	5.1	0.0	0.0	0.0	0.0	11.4	0.0	-	35.3	-	-
113.0	50.0	6.0	5.8	0.0	0.0	0.0	0.0	2.7	0.0	-	0.0	-	-
113.0	55.0	2.1	0.0	0.0	0.0	0.0	0.0	3.0	9.1	-	28.0	-	-
113.0	60.0	0.0	0.0	2.7	0.0	2.9	0.0	0.0	0.0	-	0.0	-	-
113.0	65.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	-	-	-
113.0	70.0	5.1	0.0	0.0	0.0	0.0	0.0	15.2	6.5	-	0.0	-	-
113.0	75.0	-	-	-	0.0	0.0	0.0	37.9	0.0	-	-	-	-
113.0	80.0	0.0	-	0.0	0.0	0.0	0.0	20.9	6.4	-	48.3	-	-
113.0	85.0	-	-	-	0.0	3.0	0.0	24.0	-	-	-	-	-
113.0	90.0	12.0	-	-	0.0	0.0	2.9	2.9	-	-	39.9	-	-
115.0	35.0	-	-	-	-	-	-	-	-	5.5	-	-	-
115.0	40.0	-	-	-	-	-	-	-	-	44.1	-	-	-
117.0	26.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-	-
117.0	35.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	2.7	-	-
117.0	40.0	2.8	0.0	27.4	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	-
117.0	45.0	8.3	2.7	16.7	0.0	0.0	0.0	0.0	0.0	-	12.9	-	-
117.0	50.0	0.0	11.7	2.8	0.0	0.0	0.0	0.0	6.5	-	2.7	-	-
117.0	55.0	22.6	2.8	0.0	10.7	0.0	3.1	0.0	0.0	-	26.0	-	-
117.0	60.0	5.4	10.1	0.0	10.2	0.0	3.0	0.0	0.0	-	21.1	-	-
117.0	65.0	-	14.1	0.0	0.0	3.0	9.3	0.0	0.0	-	-	-	-
117.0	70.0	2.6	2.8	2.8	0.0	0.0	3.1	3.0	0.0	-	2.7	-	-
117.0	75.0	-	-	-	5.0	0.0	0.0	0.0	0.0	-	-	-	-
117.0	80.0	0.0	-	0.0	0.0	2.9	6.0	11.6	20.4	-	0.0	-	-
117.0	85.0	-	-	-	5.2	11.8	0.0	0.0	-	-	-	-	-

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	90.0	2.5	-	-	13.9	0.0	0.0	5.1	-	-	24.4	-	-
118.0	39.0	0.0	0.0	3.0	0.0	3.1	0.0	0.0	0.0	2.5	8.6	-	-
120.0	30.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	2.6	0.0	-	-
120.0	45.0	8.0	0.0	5.8	0.0	0.0	0.0	0.0	11.6	2.9	8.7	-	-
120.0	50.0	8.3	11.5	8.4	2.7	0.0	0.0	0.0	10.7	-	5.8	-	-
120.0	55.0	9.9	0.0	0.0	11.2	0.0	2.8	0.0	0.0	-	2.7	-	-
120.0	60.0	2.6	0.0	8.6	0.0	0.0	22.1	0.0	5.5	-	42.6	-	-
120.0	65.0	-	8.7	2.8	5.1	0.0	6.0	0.0	0.0	-	-	-	-
120.0	70.0	10.9	0.0	2.8	11.4	2.8	3.0	3.0	0.0	-	5.4	-	-
120.0	75.0	-	-	-	0.0	-	0.0	89.9	2.6	-	-	-	-
120.0	80.0	5.1	2.9	0.0	0.0	21.0	0.0	45.3	8.6	-	5.5	-	-
120.0	85.0	-	-	-	0.0	36.7	8.8	5.1	-	-	-	-	-
120.0	90.0	14.1	8.0	0.0	0.0	0.0	0.0	5.4	-	-	11.4	-	-
123.0	37.0	0.0	11.9	5.4	-	0.0	0.0	0.0	0.0	25.7	0.0	-	-
123.0	42.0	4.7	1.5	8.9	-	5.9	0.0	2.7	0.0	49.5	2.7	-	-
123.0	45.0	5.1	0.0	7.3	-	1.9	0.0	0.0	-	6.6	0.0	-	-
123.0	50.0	-	3.0	0.0	-	127.7	0.0	0.0	14.5	-	27.1	-	-
123.0	55.0	-	0.0	12.0	-	283.2	0.0	0.0	2.8	-	32.2	-	-
123.0	60.0	10.0	3.5	5.6	-	73.1	0.0	0.0	22.0	-	17.7	-	-
123.0	65.0	-	-	-	-	18.2	41.1	8.1	0.0	-	-	-	-
123.0	70.0	0.0	-	-	-	17.7	11.5	21.8	17.2	-	7.6	-	-
123.0	80.0	2.6	-	-	-	-	-	-	-	-	-	-	-
127.0	34.0	0.0	2.9	2.7	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-
127.0	40.0	9.5	2.9	6.0	-	0.0	0.0	0.0	0.0	15.4	2.9	-	-
127.0	45.0	7.0	11.8	20.5	-	5.7	0.0	2.8	10.4	17.8	0.0	-	-
127.0	50.0	7.9	5.4	3.0	-	13.6	46.1	2.8	9.7	-	19.3	-	-
127.0	55.0	-	3.0	0.0	-	30.5	146.3	14.1	10.6	-	5.3	-	-
127.0	60.0	2.6	8.9	3.1	-	10.3	39.6	240.7	16.9	-	8.3	-	-
127.0	65.0	-	-	-	-	2.7	16.9	0.0	64.9	-	-	-	-
127.0	70.0	5.8	-	-	-	11.1	11.3	62.9	20.0	-	56.6	-	-
127.0	80.0	13.7	-	-	-	-	-	-	-	-	-	-	-
130.0	30.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	0.0	0.0	0.0	-	-
130.0	35.0	16.0	8.7	0.0	0.0	5.1	16.1	0.0	25.8	9.2	0.0	-	-
130.0	40.0	4.9	9.0	42.8	5.7	0.0	21.4	0.0	0.0	20.1	0.0	-	-
130.0	45.0	8.3	0.0	2.8	8.7	0.0	0.0	0.0	3.2	8.7	0.0	-	-
130.0	50.0	7.4	6.1	0.0	8.1	43.2	0.0	0.0	0.0	-	5.4	-	-
130.0	55.0	11.2	6.0	9.0	5.9	5.5	72.1	0.0	0.0	-	5.5	-	-
130.0	60.0	31.4	0.0	8.7	18.2	8.0	56.2	8.1	28.8	-	5.6	-	-
130.0	65.0	-	-	-	-	-	22.6	14.3	42.0	-	-	-	-
130.0	70.0	-	-	-	-	-	34.7	2.5	0.0	-	34.2	-	-
133.0	25.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-
133.0	30.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	-	-
133.0	35.0	1.9	0.0	5.6	11.0	0.0	0.0	0.0	4.4	-	0.0	-	-
133.0	40.0	0.0	2.6	47.4	40.1	2.6	2.8	3.1	48.4	-	0.0	-	-
133.0	45.0	0.0	0.0	20.7	16.9	1.9	2.7	10.3	10.1	-	0.0	-	-
133.0	50.0	9.2	0.0	12.4	3.1	-	0.0	0.0	13.3	-	22.1	-	-

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	55.0	6.2	–	–	39.6	–	–	0.0	0.0	–	88.2	–	–
133.0	60.0	14.8	–	–	40.3	–	–	11.8	3.5	–	47.9	–	–
133.0	65.0	–	–	–	–	–	–	84.6	–	–	–	–	–
133.0	70.0	–	–	–	–	–	–	42.3	9.0	–	2.7	–	–
134.0	36.0	1.7	0.0	0.0	2.8	–	0.0	0.0	1.5	0.0	0.0	–	–
137.0	30.0	2.2	0.0	11.8	13.7	0.0	0.0	0.0	–	0.0	0.0	–	–
137.0	35.0	2.8	0.0	29.3	70.1	0.0	5.6	0.0	0.0	–	0.0	–	–
137.0	40.0	2.7	0.0	2.9	15.9	0.0	3.0	0.0	0.0	–	0.0	–	–
137.0	45.0	4.5	0.0	5.9	8.4	19.8	0.0	0.0	0.0	–	8.1	–	–
137.0	50.0	0.0	0.0	2.9	10.7	20.2	3.0	122.5	5.3	–	0.0	–	–
137.0	55.0	2.1	–	–	21.6	–	–	38.0	0.9	–	9.7	–	–
137.0	60.0	0.0	–	–	42.2	–	–	21.1	–	–	11.1	–	–
137.0	65.0	–	–	–	–	–	–	16.5	–	–	–	–	–
137.0	70.0	0.0	–	–	2.8	–	–	5.4	–	–	22.5	–	–
137.0	80.0	0.0	–	–	16.7	–	–	5.4	–	–	–	–	–
140.0	30.0	0.0	–	–	2.8	–	–	–	0.0	–	–	–	–
140.0	35.0	2.3	–	–	23.7	–	–	–	17.4	–	–	–	–
140.0	40.0	0.0	–	–	5.5	–	–	–	0.0	–	–	–	–
140.0	45.0	0.0	–	–	22.9	–	–	–	1.8	–	–	–	–
140.0	50.0	0.0	–	–	17.5	–	–	–	11.6	–	–	–	–
140.0	55.0	0.0	–	–	0.0	–	–	–	0.7	–	–	–	–
143.0	30.0	0.0	–	–	0.0	–	–	–	4.0	–	–	–	–
143.0	35.0	0.0	–	–	66.2	–	–	–	0.0	–	–	–	–
143.0	40.0	0.0	–	–	10.3	–	–	–	2.3	–	–	–	–
143.0	45.0	0.0	–	–	21.0	–	–	–	5.0	–	–	–	–
143.0	50.0	0.0	–	–	2.9	–	–	–	0.0	–	–	–	–
143.0	55.0	0.0	–	–	15.3	–	–	–	2.3	–	–	–	–
143.0	60.0	0.0	–	–	0.0	–	–	–	13.5	–	–	–	–
143.0	70.0	–	–	–	–	–	–	–	1.8	–	–	–	–
147.0	20.0	2.1	–	–	0.0	–	–	–	33.0	–	–	–	–
147.0	25.0	4.0	–	–	7.1	–	–	–	4.3	–	–	–	–
147.0	30.0	0.0	–	–	0.0	–	–	–	2.0	–	–	–	–
147.0	35.0	3.0	–	–	0.0	–	–	–	4.9	–	–	–	–
147.0	40.0	0.0	–	–	0.0	–	–	–	2.1	–	–	–	–
147.0	45.0	0.0	–	–	14.2	–	–	–	7.6	–	–	–	–
147.0	50.0	2.6	–	–	20.0	–	–	–	3.9	–	–	–	–
147.0	55.0	2.5	–	–	6.1	–	–	–	1.5	–	–	–	–
147.0	60.0	0.0	–	–	0.0	–	–	–	1.0	–	–	–	–
150.0	19.0	4.7	–	–	–	–	–	–	4.0	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	12.9	–	–	–	–
150.0	40.0	0.0	–	–	–	–	–	–	11.0	–	–	–	–
150.0	45.0	2.4	–	–	–	–	–	–	30.2	–	–	–	–
150.0	50.0	0.0	–	–	–	–	–	–	9.2	–	–	–	–
150.0	55.0	2.0	–	–	–	–	–	–	55.5	–	–	–	–
150.0	60.0	0.0	–	–	–	–	–	–	2.0	–	–	–	–
153.0	16.0	5.0	–	–	–	–	–	–	6.8	–	–	–	–

TABLE 4. (cont.)

Diogenichthys laternatus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0	25.0	0.0	–	–	–	–	–	–	9.4	–	–	–	–
153.0	35.0	4.7	–	–	–	–	–	–	–	–	–	–	–
153.0	80.0	5.8	–	–	–	–	–	–	–	–	–	–	–
157.0	10.0	29.7	–	–	–	–	–	–	–	–	–	–	–
157.0	15.0	6.4	–	–	–	–	–	–	–	–	–	–	–
157.0	20.0	2.5	–	–	–	–	–	–	–	–	–	–	–
157.0	30.0	4.6	–	–	–	–	–	–	–	–	–	–	–
157.0	35.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	40.0	2.4	–	–	–	–	–	–	–	–	–	–	–
157.0	55.0	2.4	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	18.1	–	–	–	–	–	–	–	–	–	–	–

Electrona rissoi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	120.0	–	–	–	–	14.5	–	–	–	–	–	–	–
93.0	65.0	–	–	–	2.8	0.0	0.0	0.0	0.0	0.0	–	–	–

Gonichthys tenuiculus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	75.0	–	–	–	0.0	0.0	6.1	0.0	0.0	–	–	–	–
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
103.0	75.0	–	–	–	2.8	0.0	0.0	0.0	0.0	–	–	–	–
107.0	35.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	–	–	–	–
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	–	0.0	–	–
107.0	65.0	–	–	–	0.0	0.0	0.0	2.9	0.0	–	–	–	–
107.0	70.0	0.0	–	2.4	0.0	0.0	0.0	5.5	0.0	–	2.8	–	–
107.0	75.0	–	–	–	0.0	3.0	0.0	2.8	0.0	–	–	–	–
107.0	80.0	0.0	–	0.0	0.0	0.0	0.0	2.8	3.0	–	3.0	–	–
107.0	85.0	–	–	–	0.0	0.0	2.9	0.0	0.0	–	–	–	–
110.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	–	–	–
110.0	70.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	–	0.0	–	–
110.0	75.0	–	–	–	0.0	0.0	0.0	2.8	0.0	–	–	–	–
110.0	90.0	0.0	0.0	0.0	–	0.0	0.0	4.8	–	–	0.0	–	–
113.0	35.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	45.0	0.0	2.5	0.0	0.0	0.0	0.0	8.5	0.0	–	0.0	–	–
113.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
113.0	55.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.7	–	0.0	–	–
113.0	65.0	–	6.0	0.0	0.0	0.0	0.0	3.0	0.0	–	–	–	–
113.0	70.0	0.0	3.1	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Gonichthys tenuiculus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.4	–	3.0	–	–
113.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	–	–	3.1	–	–
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	–	0.0	–	–
117.0	55.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	60.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	3.0	–	6.0	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	2.3	0.0	–	–	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	8.7	–	0.0	–	–
117.0	90.0	0.0	–	–	2.8	0.0	0.0	0.0	–	–	0.0	–	–
120.0	40.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	–	–
120.0	50.0	4.2	2.9	0.0	8.2	0.0	2.8	0.0	0.0	–	0.0	–	–
120.0	60.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	–	–	–
120.0	70.0	0.0	2.9	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
120.0	75.0	–	–	–	2.7	–	0.0	3.1	0.0	–	–	–	–
120.0	80.0	0.0	2.9	3.0	0.0	2.6	0.0	2.8	0.0	–	2.7	–	–
120.0	90.0	8.5	0.0	0.0	0.0	5.9	0.0	0.0	–	–	0.0	–	–
123.0	42.0	0.0	1.4	3.0	–	0.0	3.0	0.0	0.0	0.0	0.0	–	–
123.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	–	3.3	0.0	–	–
123.0	50.0	–	0.0	0.0	–	17.8	0.0	0.0	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	2.9	0.0	0.0	0.0	–	0.0	–	–
123.0	60.0	0.0	3.5	0.0	–	11.2	0.0	0.0	0.0	–	0.0	–	–
123.0	65.0	–	–	–	–	0.0	2.7	0.0	0.0	–	–	–	–
123.0	70.0	0.0	–	–	–	7.1	11.5	2.7	0.0	–	0.0	–	–
127.0	34.0	0.0	2.9	0.0	–	0.0	0.0	0.0	0.0	2.7	0.0	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.6	0.0	–	–
127.0	45.0	0.0	2.9	0.0	–	0.0	7.9	0.0	0.0	0.0	0.0	–	–
127.0	50.0	2.6	2.7	0.0	–	10.8	2.9	0.0	3.2	–	11.0	–	–
127.0	55.0	–	3.0	3.1	–	5.1	30.4	0.0	2.6	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	2.9	0.0	–	0.0	–	–
127.0	65.0	–	–	–	–	2.7	0.0	2.9	0.0	–	–	–	–
127.0	70.0	0.0	–	–	–	8.3	5.7	2.6	0.0	–	0.0	–	–
130.0	35.0	5.3	0.0	0.0	0.0	5.1	0.0	0.0	0.8	0.0	0.0	–	–
130.0	45.0	5.5	0.0	5.6	0.0	0.0	0.0	0.0	2.1	2.9	0.0	–	–
130.0	50.0	2.5	0.0	6.1	8.1	0.0	0.0	0.0	0.0	–	0.0	–	–
130.0	55.0	3.7	6.0	3.0	0.0	5.5	0.0	0.0	1.0	–	0.0	–	–
130.0	60.0	2.0	0.0	0.0	2.3	5.4	5.9	0.0	7.4	–	2.8	–	–
130.0	65.0	–	–	–	–	–	5.7	0.0	3.6	–	–	–	–
130.0	70.0	–	–	–	–	–	20.2	0.0	0.6	–	2.8	–	–
133.0	35.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	40.0	2.0	0.0	14.8	4.0	0.0	0.0	0.0	2.2	–	0.0	–	–
133.0	45.0	0.0	0.0	3.0	3.4	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	50.0	2.3	0.0	6.2	0.0	–	0.0	0.0	1.7	–	0.0	–	–
133.0	55.0	2.0	–	–	0.0	–	–	0.0	0.0	–	0.0	–	–
133.0	60.0	6.3	–	–	7.6	–	–	0.0	0.0	–	0.0	–	–
133.0	70.0	–	–	–	–	–	–	5.6	0.0	–	0.0	–	–

TABLE 4. (cont.)

Gonichthys tenuiculus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
134.0	36.0	0.0	0.0	3.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	–
137.0	23.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
137.0	30.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	–	0.0	0.0	–	–
137.0	35.0	2.8	0.0	5.9	0.0	0.0	0.0	0.0	0.0	–	2.5	–	–
137.0	40.0	0.0	0.0	2.9	10.6	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	45.0	0.0	0.0	5.9	0.0	2.5	0.0	0.0	0.0	–	0.0	–	–
137.0	60.0	0.0	–	–	0.0	–	–	0.0	–	–	2.8	–	–
137.0	70.0	2.2	–	–	0.0	–	–	0.0	–	–	0.0	–	–
137.0	80.0	0.0	–	–	2.8	–	–	0.0	–	–	–	–	–
140.0	35.0	0.0	–	–	10.5	–	–	–	0.0	–	–	–	–
140.0	40.0	0.0	–	–	13.7	–	–	–	0.6	–	–	–	–
140.0	45.0	0.0	–	–	2.5	–	–	–	0.0	–	–	–	–
140.0	50.0	0.0	–	–	0.0	–	–	–	1.6	–	–	–	–
140.0	55.0	1.9	–	–	2.6	–	–	–	0.0	–	–	–	–
140.0	60.0	0.0	–	–	2.8	–	–	–	0.0	–	–	–	–
143.0	35.0	2.6	–	–	20.2	–	–	–	0.0	–	–	–	–
143.0	40.0	1.7	–	–	2.6	–	–	–	0.0	–	–	–	–
143.0	45.0	2.5	–	–	0.0	–	–	–	1.7	–	–	–	–
143.0	55.0	4.3	–	–	0.0	–	–	–	2.3	–	–	–	–
143.0	70.0	–	–	–	–	–	–	–	1.8	–	–	–	–
147.0	35.0	9.0	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	40.0	0.0	–	–	0.0	–	–	–	2.1	–	–	–	–
147.0	45.0	2.1	–	–	5.7	–	–	–	0.0	–	–	–	–
147.0	50.0	2.6	–	–	2.9	–	–	–	0.0	–	–	–	–
147.0	55.0	4.9	–	–	9.1	–	–	–	0.0	–	–	–	–
147.0	60.0	0.0	–	–	0.0	–	–	–	1.0	–	–	–	–
150.0	45.0	2.4	–	–	–	–	–	–	0.0	–	–	–	–
153.0	70.0	2.9	–	–	–	–	–	–	–	–	–	–	–
157.0	30.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	45.0	2.6	–	–	–	–	–	–	–	–	–	–	–
157.0	50.0	2.6	–	–	–	–	–	–	–	–	–	–	–
157.0	55.0	2.4	–	–	–	–	–	–	–	–	–	–	–

Hygophum spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	120.0	–	–	–	–	2.9	–	–	–	0.0	–	–	–
93.0	90.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–	0.0
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.3	–	–
103.0	80.0	0.0	–	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	80.0	2.4	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	0.0	–	5.6	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.5	–	–
110.0	80.0	0.0	2.9	2.6	2.5	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	90.0	0.0	5.4	0.0	–	0.0	0.0	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Hygophum spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.9	-	-
113.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.4	-	-
113.0	75.0	-	-	-	0.0	0.0	2.7	3.2	0.0	-	-	-	-
117.0	70.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	5.9	-	0.0	-	-
117.0	75.0	-	-	-	0.0	0.0	0.0	0.0	2.8	-	-	-	-
117.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-
117.0	90.0	2.5	-	-	0.0	0.0	0.0	0.0	-	-	5.4	-	-
120.0	50.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
120.0	90.0	0.0	2.7	0.0	0.0	0.0	3.1	0.0	-	-	0.0	-	-
123.0	42.0	0.0	0.0	0.0	-	3.0	0.0	0.0	0.0	0.0	0.0	-	-
123.0	55.0	-	0.0	0.0	-	0.0	5.5	0.0	0.0	-	0.0	-	-
123.0	70.0	0.0	-	-	-	0.0	5.8	5.5	0.0	-	2.5	-	-
127.0	65.0	-	-	-	-	0.0	5.6	8.8	0.0	-	-	-	-
127.0	70.0	0.0	-	-	-	0.0	0.0	2.6	0.0	-	3.0	-	-
130.0	30.0	0.0	2.2	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	3.1	0.0	0.0	0.0	0.0	-	-
130.0	50.0	0.0	0.0	9.1	10.8	2.7	0.0	0.0	0.0	-	0.0	-	-
130.0	55.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	2.0	-	0.0	-	-
130.0	60.0	2.0	0.0	0.0	2.3	0.0	0.0	0.0	7.4	-	2.8	-	-
130.0	65.0	-	-	-	-	-	0.0	0.0	2.4	-	-	-	-
130.0	70.0	-	-	-	-	-	2.9	0.0	1.3	-	0.0	-	-
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-	-
133.0	40.0	0.0	0.0	35.5	8.0	0.0	0.0	0.0	6.6	-	0.0	-	-
133.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	-	0.0	-	-
133.0	50.0	0.0	3.1	0.0	0.0	-	0.0	0.0	1.7	-	5.5	-	-
133.0	55.0	0.0	-	-	2.6	-	-	0.0	1.5	-	0.0	-	-
133.0	60.0	0.0	-	-	2.5	-	-	0.0	0.0	-	0.0	-	-
133.0	70.0	-	-	-	-	-	-	0.0	0.6	-	5.4	-	-
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	-	0.0	-	-
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	5.3	-	0.0	-	-
137.0	55.0	2.1	-	-	3.1	-	-	0.0	0.0	-	0.0	-	-
137.0	60.0	0.0	-	-	12.4	-	-	0.0	-	-	0.0	-	-
140.0	35.0	6.8	-	-	0.0	-	-	-	0.0	-	-	-	-
140.0	50.0	0.0	-	-	8.7	-	-	-	0.0	-	-	-	-
140.0	55.0	0.0	-	-	10.3	-	-	-	0.0	-	-	-	-
140.0	60.0	0.0	-	-	0.0	-	-	-	4.7	-	-	-	-
147.0	25.0	0.0	-	-	21.2	-	-	-	0.0	-	-	-	-
147.0	30.0	0.0	-	-	0.0	-	-	-	4.0	-	-	-	-
147.0	35.0	12.0	-	-	3.0	-	-	-	0.0	-	-	-	-
147.0	40.0	0.0	-	-	0.0	-	-	-	2.1	-	-	-	-
147.0	45.0	12.4	-	-	0.0	-	-	-	0.0	-	-	-	-
147.0	50.0	2.6	-	-	0.0	-	-	-	1.9	-	-	-	-
147.0	55.0	4.9	-	-	0.0	-	-	-	0.0	-	-	-	-
150.0	25.0	0.0	-	-	-	-	-	-	3.7	-	-	-	-
150.0	30.0	2.7	-	-	-	-	-	-	4.5	-	-	-	-
150.0	35.0	4.4	-	-	-	-	-	-	2.6	-	-	-	-

TABLE 4. (cont.)

Hygophum spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
150.0	50.0	0.0	–	–	–	–	–	–	2.3	–	–	–	–
150.0	55.0	0.0	–	–	–	–	–	–	9.3	–	–	–	–
150.0	60.0	0.0	–	–	–	–	–	–	6.1	–	–	–	–
153.0	40.0	2.8	–	–	–	–	–	–	–	–	–	–	–
157.0	15.0	16.0	–	–	–	–	–	–	–	–	–	–	–
157.0	40.0	4.9	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	12.9	–	–	–	–	–	–	–	–	–	–	–

Hygophum atratum

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	55.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
107.0	45.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0	–	–
107.0	65.0	–	–	–	0.0	0.0	0.0	0.0	3.3	–	–	–	–
107.0	70.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.1	–	5.6	–	–
107.0	85.0	–	–	–	2.5	0.0	0.0	0.0	0.0	–	–	–	–
110.0	50.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–
110.0	60.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	65.0	–	0.0	0.0	0.0	0.0	0.0	2.4	0.0	–	–	–	–
110.0	75.0	–	–	–	0.0	0.0	0.0	0.0	3.1	–	–	–	–
110.0	80.0	2.8	0.0	0.0	0.0	0.0	0.0	8.2	0.0	–	0.0	–	–
113.0	40.0	–	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.1	–	–
113.0	75.0	–	–	–	0.0	0.0	0.0	0.0	12.4	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
113.0	85.0	–	–	–	0.0	0.0	0.0	6.0	–	–	–	–	–
113.0	90.0	12.0	–	–	0.0	0.0	0.0	0.0	–	–	0.0	–	–
117.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
117.0	55.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.6	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	5.8	–	0.0	–	–
117.0	90.0	2.5	–	–	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	2.9	0.0	–	–
120.0	55.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0	0.0	–	0.0	–	–
120.0	65.0	–	2.9	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	3.0	0.0	0.0	–	0.0	–	–
120.0	75.0	–	–	–	0.0	–	0.0	12.4	0.0	–	–	–	–
120.0	80.0	2.6	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	90.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	–	–	0.0	–	–
123.0	50.0	–	0.0	0.0	–	8.9	0.0	0.0	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	23.4	0.0	0.0	0.0	–	0.0	–	–
123.0	65.0	–	–	–	–	0.0	0.0	8.1	0.0	–	–	–	–

TABLE 4. (cont.)

Hygophum atratum (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.6	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	2.6	0.0	0.0	2.5	0.0	–	–
127.0	50.0	2.6	2.7	0.0	–	0.0	17.3	0.0	0.0	–	0.0	–	–
127.0	55.0	–	0.0	0.0	–	0.0	27.6	5.7	0.0	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	15.8	0.0	0.0	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	5.8	3.1	–	–	–	–
127.0	70.0	0.0	–	–	–	5.5	0.0	7.9	0.0	–	0.0	–	–
127.0	80.0	2.7	–	–	–	–	–	–	–	–	–	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	4.8	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	0.8	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	3.1	–	–
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.9	0.0	0.0	–	–
130.0	50.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	4.0	–	0.0	–	–
130.0	55.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	1.0	–	2.7	–	–
130.0	60.0	0.0	0.0	2.9	0.0	0.0	3.0	0.0	1.9	–	0.0	–	–
130.0	65.0	–	–	–	–	–	0.0	0.0	8.4	–	–	–	–
130.0	70.0	–	–	–	–	–	0.0	2.5	0.6	–	0.0	–	–
133.0	45.0	0.0	0.0	0.0	10.1	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	50.0	0.0	0.0	28.0	3.1	–	0.0	0.0	0.0	–	0.0	–	–
133.0	55.0	0.0	–	–	2.6	–	–	0.0	0.0	–	2.5	–	–
133.0	60.0	6.3	–	–	0.0	–	–	0.0	3.5	–	0.0	–	–
133.0	65.0	–	–	–	–	–	–	2.7	–	–	–	–	–
133.0	70.0	–	–	–	–	–	–	8.5	0.6	–	0.0	–	–
137.0	35.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	40.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	45.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	1.7	–	0.0	–	–
137.0	50.0	0.0	0.0	8.8	8.0	0.0	0.0	5.7	2.3	–	0.0	–	–
137.0	55.0	0.0	–	–	0.0	–	–	5.1	1.8	–	0.0	–	–
137.0	60.0	0.0	–	–	12.4	–	–	5.3	–	–	5.6	–	–
137.0	70.0	0.0	–	–	2.8	–	–	0.0	–	–	0.0	–	–
137.0	80.0	0.0	–	–	8.3	–	–	0.0	–	–	–	–	–
140.0	35.0	2.3	–	–	0.0	–	–	–	0.0	–	–	–	–
140.0	40.0	3.0	–	–	0.0	–	–	–	1.1	–	–	–	–
140.0	45.0	5.0	–	–	2.5	–	–	–	0.0	–	–	–	–
140.0	50.0	0.0	–	–	0.0	–	–	–	3.3	–	–	–	–
140.0	55.0	3.8	–	–	0.0	–	–	–	0.0	–	–	–	–
140.0	60.0	0.0	–	–	2.8	–	–	–	0.0	–	–	–	–
143.0	26.0	1.6	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	35.0	5.3	–	–	2.9	–	–	–	0.0	–	–	–	–
143.0	40.0	1.7	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	45.0	5.0	–	–	13.1	–	–	–	0.0	–	–	–	–
143.0	50.0	2.6	–	–	0.0	–	–	–	2.8	–	–	–	–
143.0	55.0	2.2	–	–	0.0	–	–	–	2.3	–	–	–	–
143.0	60.0	0.0	–	–	0.0	–	–	–	1.9	–	–	–	–
147.0	25.0	2.0	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	35.0	0.0	–	–	0.0	–	–	–	3.3	–	–	–	–

TABLE 4. (cont.)

Hygophum atratum (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	40.0	0.0	–	–	0.0	–	–	–	2.1	–	–	–	–
147.0	45.0	0.0	–	–	2.8	–	–	–	2.5	–	–	–	–
147.0	60.0	0.0	–	–	8.6	–	–	–	0.0	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	5.6	–	–	–	–
150.0	30.0	0.0	–	–	–	–	–	–	3.0	–	–	–	–
150.0	40.0	5.3	–	–	–	–	–	–	3.1	–	–	–	–
150.0	45.0	0.0	–	–	–	–	–	–	6.4	–	–	–	–
150.0	50.0	5.6	–	–	–	–	–	–	1.1	–	–	–	–
150.0	55.0	0.0	–	–	–	–	–	–	9.3	–	–	–	–
153.0	30.0	5.8	–	–	–	–	–	–	–	–	–	–	–
153.0	35.0	9.4	–	–	–	–	–	–	–	–	–	–	–
153.0	70.0	2.9	–	–	–	–	–	–	–	–	–	–	–
153.0	80.0	2.9	–	–	–	–	–	–	–	–	–	–	–
157.0	10.0	5.9	–	–	–	–	–	–	–	–	–	–	–
157.0	20.0	5.0	–	–	–	–	–	–	–	–	–	–	–
157.0	30.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	35.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	45.0	7.8	–	–	–	–	–	–	–	–	–	–	–
157.0	55.0	4.8	–	–	–	–	–	–	–	–	–	–	–
157.0	60.0	2.7	–	–	–	–	–	–	–	–	–	–	–
157.0	70.0	1.8	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	2.6	–	–	–	–	–	–	–	–	–	–	–

Hygophum reinhardtii

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	120.0	–	–	–	–	2.9	–	–	–	–	–	–	–
90.0	90.0	–	0.0	0.0	0.0	0.0	–	0.0	0.0	2.6	0.0	–	0.0
90.0	120.0	–	–	–	–	0.0	–	–	–	2.5	–	–	–
93.0	90.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	–	–	0.0
93.0	100.0	–	–	–	–	–	–	–	–	0.0	–	–	3.0
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
100.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	–	0.0	–	–
103.0	90.0	0.0	–	–	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
107.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	6.1	–	0.0	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	2.5	–	–
110.0	85.0	–	–	–	0.0	0.0	0.0	2.6	–	–	–	–	–
113.0	65.0	–	0.0	0.0	0.0	3.2	0.0	0.0	0.0	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	9.6	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	5.8	0.0	–	0.0	–	–
130.0	55.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Loweina rara

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	80.0	–	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
100.0	90.0	2.7	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	40.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
117.0	90.0	2.5	–	–	0.0	0.0	0.0	0.0	–	–	0.0	–	–
120.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–	2.9	–	–
127.0	70.0	0.0	–	–	–	2.8	0.0	0.0	0.0	–	0.0	–	–
130.0	40.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–

Myctophum aurolaternatum

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	10.0	8.9	–	–	–	–	–	–	–	–	–	–	–
157.0	25.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	30.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	2.6	–	–	–	–	–	–	–	–	–	–	–

Myctophum nitidulum

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	145.0	–	–	–	–	8.6	–	–	–	–	–	–	–
87.0	75.0	–	–	–	0.0	3.0	0.0	–	0.0	–	–	–	–
87.0	90.0	–	0.0	–	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
90.0	85.0	–	–	–	2.9	0.0	–	0.0	0.0	0.0	–	–	–
90.0	90.0	–	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.8	–	0.0
90.0	120.0	–	–	–	–	0.0	–	–	–	2.5	–	–	–
93.0	80.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	90.0	2.7	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	–	–	0.0
93.0	100.0	–	–	–	–	–	–	–	–	0.0	–	–	3.0
93.0	110.0	–	–	–	–	–	–	–	–	2.7	–	–	–
97.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
97.0	90.0	5.0	2.6	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
100.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
100.0	55.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	6.1	–	–
100.0	70.0	2.8	0.0	–	2.8	0.0	0.0	0.0	3.2	–	0.0	–	–
100.0	75.0	–	–	–	2.9	0.0	0.0	0.0	0.0	–	–	–	–
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
103.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.6	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.0	–	2.7	–	–
103.0	60.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	11.4	–	–
103.0	75.0	–	–	–	0.0	0.0	0.0	0.0	2.6	–	–	–	–
103.0	80.0	5.4	–	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
103.0	90.0	0.0	–	–	0.0	0.0	0.0	2.7	9.8	–	0.0	–	–

TABLE 4. (cont.)

Myctophum nitidulum (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	3.2	–	–	–	–
107.0	60.0	2.4	0.0	0.0	8.3	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	65.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
107.0	70.0	0.0	–	0.0	0.0	0.0	0.0	8.3	3.1	–	11.2	–	–
107.0	75.0	–	–	–	0.0	0.0	2.8	0.0	3.0	–	–	–	–
107.0	80.0	2.4	–	0.0	0.0	0.0	2.7	2.8	6.1	–	3.0	–	–
107.0	85.0	–	–	–	0.0	0.0	0.0	2.7	0.0	–	–	–	–
107.0	90.0	0.0	–	–	0.0	0.0	0.0	5.6	0.0	–	11.1	–	–
110.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	–	–
110.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
110.0	50.0	0.0	0.0	0.0	0.0	0.0	2.7	2.5	0.0	–	0.0	–	–
110.0	55.0	0.0	0.0	5.5	0.0	0.0	2.9	0.0	0.0	–	0.0	–	–
110.0	60.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–
110.0	65.0	–	0.0	0.0	0.0	0.0	0.0	4.8	3.2	–	–	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
110.0	80.0	5.7	0.0	0.0	0.0	0.0	0.0	13.7	6.3	–	0.0	–	–
110.0	85.0	–	–	–	0.0	0.0	0.0	2.6	–	–	–	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	–	0.0	–	–
113.0	55.0	2.1	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0	–	–
113.0	70.0	2.5	3.1	0.0	0.0	0.0	0.0	3.0	3.3	–	0.0	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	9.1	–	–
113.0	85.0	–	–	–	0.0	0.0	0.0	3.0	–	–	–	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	–	–
117.0	50.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	0.0	–	–
117.0	65.0	–	2.8	0.0	0.0	0.0	3.1	0.0	0.0	–	–	–	–
117.0	70.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	2.3	2.8	–	–	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	2.9	0.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	–	–
120.0	55.0	0.0	0.0	0.0	2.8	0.0	2.8	0.0	0.0	–	0.0	–	–
120.0	60.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	65.0	–	0.0	2.8	0.0	0.0	0.0	0.0	0.0	–	–	–	–
120.0	70.0	0.0	0.0	2.8	0.0	0.0	6.0	0.0	0.0	–	2.7	–	–
120.0	75.0	–	–	–	0.0	–	0.0	0.0	2.6	–	–	–	–
120.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	5.5	–	–
120.0	85.0	–	–	–	0.0	0.0	2.9	0.0	–	–	–	–	–
120.0	90.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	–	0.0	–	–
123.0	50.0	–	0.0	0.0	–	5.9	0.0	0.0	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	2.8	0.0	0.0	–	0.0	–	–
123.0	65.0	–	–	–	–	2.6	0.0	0.0	0.0	–	–	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	3.1	–	–	–	–
130.0	70.0	–	–	–	–	–	0.0	2.5	0.0	–	0.0	–	–
133.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	–	0.0	–	–
137.0	40.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	55.0	0.0	–	–	0.0	–	–	2.5	0.0	–	0.0	–	–

TABLE 4. (cont.)

Protomyctophum crockeri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	80.0	-	-	-	-	-	-	-	-	-	7.5	-	-
43.0	90.0	-	-	-	-	-	-	-	-	-	3.6	-	-
50.0	80.0	-	-	-	-	-	-	2.9	-	-	5.9	-	-
53.0	52.0	-	-	-	-	-	-	-	-	-	6.6	-	-
53.0	60.0	-	-	-	-	-	-	-	-	-	8.7	-	-
60.0	60.0	2.7	-	-	0.0	0.0	-	0.0	-	-	13.2	-	-
60.0	70.0	0.0	-	-	0.0	0.0	-	0.0	-	-	8.8	-	-
60.0	80.0	0.0	-	-	0.0	10.7	-	0.0	-	-	0.0	-	-
60.0	85.0	-	-	-	-	5.9	-	0.0	-	-	-	-	-
60.0	90.0	0.0	-	-	3.3	2.9	-	9.9	-	-	4.9	-	-
63.0	60.0	0.0	-	-	0.0	0.0	-	6.7	-	-	2.5	-	-
63.0	70.0	0.0	-	-	-	0.0	-	3.3	-	-	14.7	-	-
63.0	80.0	-	-	-	-	6.2	-	0.0	-	-	17.0	-	-
63.0	90.0	0.0	-	-	2.8	0.0	-	0.0	-	-	8.3	-	-
67.0	55.0	0.0	-	-	0.0	6.7	-	3.1	-	-	3.3	-	-
67.0	60.0	2.8	-	-	0.0	0.0	-	0.0	-	-	4.3	-	-
67.0	70.0	0.0	-	-	-	0.0	-	0.0	-	-	5.6	-	-
67.0	80.0	-	-	-	-	0.0	-	0.0	-	-	2.9	-	-
67.0	85.0	-	-	-	-	-	-	3.4	-	-	-	-	-
67.0	90.0	0.0	-	-	0.0	-	-	3.9	-	-	0.0	-	-
70.0	52.0	-	-	-	2.7	0.0	-	0.0	-	-	0.0	-	-
70.0	55.0	3.0	-	-	3.5	0.0	-	0.0	-	-	0.0	-	-
70.0	60.0	0.0	-	-	0.0	5.3	-	0.0	-	-	0.0	-	-
70.0	65.0	-	-	-	6.0	-	-	0.0	-	-	-	-	-
70.0	70.0	0.0	-	-	2.3	-	-	0.0	-	-	0.0	-	-
70.0	75.0	-	-	-	-	0.0	-	6.2	-	-	-	-	-
70.0	80.0	0.0	-	-	0.0	6.8	-	0.0	-	-	0.0	-	-
70.0	85.0	-	-	-	-	3.5	-	0.0	-	-	-	-	-
70.0	90.0	0.0	-	-	0.0	0.0	-	3.1	-	-	2.9	-	-
73.0	60.0	0.0	0.0	-	2.9	0.0	-	0.0	-	-	0.0	-	-
73.0	65.0	-	-	-	2.9	3.4	-	0.0	-	-	-	-	-
73.0	70.0	0.0	3.2	-	0.0	0.0	-	19.4	-	-	2.5	-	-
73.0	75.0	-	-	-	-	15.3	-	6.1	-	-	-	-	-
73.0	80.0	-	-	-	0.0	3.0	-	0.0	-	-	0.0	-	-
77.0	50.0	0.0	0.0	-	2.9	0.0	0.0	0.0	0.0	-	0.0	-	-
77.0	53.0	-	0.0	-	-	-	-	-	-	-	-	2.3	0.0
77.0	55.0	0.0	3.2	-	0.0	-	0.0	0.0	0.0	-	0.0	2.3	0.0
77.0	60.0	0.0	0.0	-	0.0	2.8	0.0	0.0	0.0	-	0.0	0.0	2.4
77.0	70.0	0.0	4.9	-	0.0	6.7	0.0	0.0	-	-	2.7	0.0	0.0
77.0	75.0	-	-	-	-	3.0	-	0.0	-	-	-	-	-
77.0	80.0	-	-	-	3.1	3.2	0.0	0.0	-	-	6.1	-	-
77.0	85.0	-	-	-	-	0.0	2.4	0.0	-	-	-	-	-
77.0	90.0	-	-	-	3.0	0.0	0.0	3.5	-	-	5.9	-	-
80.0	53.0	-	3.1	-	-	-	-	-	-	-	-	0.0	0.0
80.0	55.0	0.0	6.2	-	3.0	2.8	0.0	0.0	2.8	-	0.0	0.0	0.0
80.0	60.0	0.0	8.9	-	0.0	6.1	3.4	0.0	0.0	-	2.8	0.0	0.0

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

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	0.0	0.0	0.0	-	3.7	0.0	0.0
80.0	80.0	2.8	0.0	-	0.0	0.0	0.0	0.0	0.0	-	5.5	-	-
80.0	85.0	-	-	-	3.0	0.0	3.0	0.0	0.0	-	-	-	-
80.0	90.0	0.0	3.1	-	2.8	0.0	0.0	5.5	0.0	-	0.0	-	-
80.0	100.0	-	-	-	-	5.7	-	-	-	-	-	-	-
80.0	110.0	-	-	-	-	6.1	-	-	-	-	-	-	-
80.0	120.0	-	-	-	-	2.9	-	-	-	-	-	-	-
83.0	51.0	0.0	0.0	-	2.9	0.0	2.5	0.0	0.0	-	0.0	0.0	0.0
83.0	55.0	0.0	0.0	-	0.0	2.8	3.2	0.0	0.0	-	0.0	0.0	0.0
83.0	60.0	0.0	0.0	-	5.7	0.0	3.0	0.0	0.0	-	0.0	2.0	3.0
83.0	65.0	-	-	-	0.0	5.9	8.9	0.0	6.0	-	-	-	-
83.0	70.0	5.9	0.0	-	0.0	5.5	0.0	0.0	0.0	-	1.5	-	-
83.0	75.0	-	-	-	2.8	0.0	3.1	0.0	-	-	-	-	-
83.0	80.0	0.0	5.8	-	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
83.0	85.0	-	-	-	8.9	0.0	6.1	3.1	-	-	-	-	-
83.0	90.0	0.0	2.6	-	25.4	6.0	0.0	0.0	0.0	-	2.9	-	-
87.0	35.0	0.0	0.0	0.0	3.0	0.0	0.0	3.1	3.3	-	0.0	0.0	0.0
87.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.3	0.0	0.0
87.0	55.0	0.0	0.0	-	0.0	0.0	3.3	3.2	0.0	-	0.0	0.0	0.0
87.0	60.0	-	1.5	-	3.0	0.0	3.1	0.0	0.0	-	0.0	10.6	2.6
87.0	65.0	-	-	-	6.0	3.4	38.6	6.3	2.6	-	-	-	-
87.0	70.0	-	0.0	-	21.1	6.8	3.3	0.0	6.4	-	0.0	-	-
87.0	75.0	-	-	-	2.9	6.1	2.8	-	6.6	-	-	-	-
87.0	80.0	-	0.0	-	5.9	2.8	6.1	3.2	12.9	-	0.0	-	-
87.0	85.0	-	-	-	3.0	5.9	0.0	0.0	2.7	-	-	-	-
87.0	90.0	-	4.5	-	5.7	3.0	0.0	0.0	2.7	-	7.4	-	-
90.0	30.0	0.0	0.0	0.0	-	-	-	-	-	-	-	2.8	-
90.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0
90.0	45.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	2.6	0.0	0.0
90.0	55.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0
90.0	60.0	-	0.0	0.0	11.4	9.6	2.0	9.3	0.0	0.0	3.5	0.0	0.0
90.0	65.0	-	-	0.0	-	6.1	0.0	0.0	2.5	0.0	-	-	-
90.0	70.0	-	0.0	8.2	2.9	6.0	0.0	0.0	3.0	8.6	0.0	7.9	0.0
90.0	75.0	-	-	-	8.4	0.0	4.2	0.0	3.1	0.0	-	-	-
90.0	80.0	-	0.0	2.6	2.9	0.0	5.9	6.7	0.0	4.8	0.0	0.0	6.1
90.0	85.0	-	-	-	0.0	0.0	-	0.0	2.6	0.0	-	-	-
90.0	90.0	-	0.0	2.2	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
90.0	110.0	-	-	-	-	2.9	-	-	-	0.0	-	-	-
93.0	30.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	6.0
93.0	45.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	14.8	0.0	0.0	2.9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0	55.0	9.6	0.0	0.0	0.0	2.4	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0	60.0	2.6	0.0	0.0	3.0	2.8	0.0	0.0	0.0	2.9	0.0	3.2	0.0

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	65.0	–	–	–	8.3	8.7	0.0	0.0	2.9	2.8	–	–	–
93.0	70.0	5.0	–	0.0	2.8	0.0	0.0	0.0	0.0	5.2	3.3	0.0	2.9
93.0	75.0	–	–	–	0.0	0.0	0.0	2.7	0.0	0.0	–	–	–
93.0	80.0	0.0	0.0	0.0	2.9	2.7	0.0	0.0	0.0	2.7	5.6	0.0	0.0
93.0	85.0	–	–	–	0.0	3.1	0.0	0.0	3.1	2.6	–	–	–
93.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	–	–	0.0
93.0	110.0	–	–	–	–	–	–	–	–	5.4	–	–	–
97.0	32.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	35.0	0.0	0.0	2.5	0.0	0.0	3.3	3.7	0.0	–	8.8	–	–
97.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
97.0	45.0	0.0	2.4	5.5	5.8	6.2	0.0	0.0	0.0	–	2.6	–	–
97.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
97.0	55.0	2.8	0.0	0.0	–	0.0	0.0	–	3.0	–	0.0	–	–
97.0	60.0	8.1	2.5	0.0	0.0	5.7	0.0	2.8	3.2	–	2.4	–	–
97.0	65.0	–	–	–	0.0	0.0	2.7	0.0	0.0	–	–	–	–
97.0	70.0	0.0	0.0	–	0.0	0.0	9.7	15.5	2.9	–	0.0	–	–
97.0	75.0	–	–	–	5.4	0.0	0.0	0.0	3.4	–	–	–	–
97.0	80.0	23.7	0.0	–	0.0	0.0	0.0	0.0	3.2	–	5.8	–	–
97.0	85.0	–	–	–	2.9	0.0	0.0	0.0	0.0	–	–	–	–
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	3.3	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	–	0.0	–	–
100.0	35.0	2.7	0.0	0.0	0.0	6.1	0.0	0.0	0.0	–	0.0	–	–
100.0	40.0	–	2.1	0.0	0.0	0.0	3.5	3.2	0.0	–	5.6	–	–
100.0	45.0	0.0	2.7	0.0	0.0	0.0	5.6	2.8	0.0	–	0.0	–	–
100.0	50.0	2.3	5.0	0.0	0.0	0.0	0.0	0.0	6.1	–	11.9	–	–
100.0	55.0	–	2.3	0.0	0.0	0.0	0.0	0.0	3.1	–	3.0	–	–
100.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	–	0.0	–	–
100.0	70.0	14.1	2.5	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	80.0	0.0	7.9	–	0.0	0.0	0.0	0.0	3.4	–	0.0	–	–
100.0	90.0	0.0	0.0	–	0.0	3.3	0.0	0.0	0.0	–	0.0	–	–
101.0	50.0	–	–	–	–	–	–	–	–	–	2.9	–	–
103.0	35.0	0.0	2.3	0.0	0.0	0.0	5.8	–	0.0	–	0.0	–	–
103.0	40.0	2.8	5.2	0.0	0.0	0.0	0.0	–	3.0	–	0.0	–	–
103.0	45.0	2.3	0.0	0.0	0.0	0.0	0.0	2.9	2.8	–	8.5	–	–
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	–	0.0	–	–
103.0	55.0	5.9	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	8.0	–	–
103.0	60.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	3.0	–	8.5	–	–
103.0	65.0	–	–	–	0.0	2.8	0.0	2.7	0.0	–	–	–	–
103.0	70.0	2.9	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	80.0	2.7	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	90.0	2.6	–	–	0.0	0.0	0.0	0.0	0.0	–	15.1	–	–
107.0	35.0	5.6	2.0	0.0	0.0	0.0	3.2	0.0	0.0	–	2.5	–	–
107.0	40.0	4.9	4.7	5.2	0.0	5.7	0.0	0.0	3.0	–	2.4	–	–
107.0	45.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	15.1	–	–
107.0	55.0	0.0	1.9	0.0	0.0	0.0	3.0	0.0	0.0	–	–	–	–

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	60.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	65.0	–	–	–	0.0	0.0	0.0	2.9	0.0	–	–	–	–
107.0	70.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
107.0	85.0	–	–	–	0.0	0.0	0.0	0.0	6.5	–	–	–	–
107.0	90.0	0.0	–	–	0.0	3.2	0.0	0.0	12.1	–	8.3	–	–
110.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	–
110.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	–	–
110.0	45.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	3.0	–	0.0	–	–
110.0	50.0	2.7	3.1	0.0	0.0	0.0	0.0	0.0	6.3	–	2.8	–	–
110.0	55.0	0.0	0.0	0.0	0.0	3.0	0.0	5.1	8.9	–	22.8	–	–
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	7.7	–	–
110.0	70.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	80.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	90.0	0.0	0.0	0.0	–	0.0	0.0	2.4	–	–	4.5	–	–
113.0	30.0	0.0	0.0	0.0	2.4	0.0	0.0	–	0.0	0.0	0.0	–	–
113.0	35.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	2.5	5.2	–	–
113.0	40.0	–	11.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	–
113.0	45.0	0.0	5.1	0.0	2.6	0.0	0.0	2.8	10.4	–	0.0	–	–
113.0	50.0	0.0	0.0	0.0	2.6	0.0	2.6	0.0	0.0	–	0.0	–	–
113.0	55.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	–	0.0	–	–
113.0	60.0	0.0	3.1	0.0	2.3	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	3.2	0.0	0.0	6.0	–	–	–	–
113.0	70.0	7.6	0.0	0.0	0.0	2.8	0.0	0.0	3.3	–	2.7	–	–
113.0	75.0	–	–	–	0.0	2.9	0.0	0.0	3.1	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	2.9	0.0	3.2	–	6.0	–	–
115.0	40.0	–	–	–	–	–	–	–	–	2.3	–	–	–
117.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
117.0	50.0	0.0	2.9	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	3.0	–	0.0	–	–
117.0	60.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	–	3.0	–	–
117.0	65.0	–	5.6	0.0	0.0	0.0	0.0	0.0	0.0	–	–	–	–
117.0	70.0	0.0	2.8	0.0	0.0	2.8	0.0	6.0	11.9	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	0.0	2.8	–	–	–	–
117.0	80.0	5.8	–	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
117.0	90.0	2.5	–	–	0.0	0.0	0.0	0.0	–	–	5.4	–	–
120.0	45.0	2.7	0.0	2.9	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	8.6	0.0	2.8	0.0	–	0.0	–	–
120.0	55.0	0.0	0.0	0.0	2.8	2.8	2.8	0.0	0.0	–	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	–	2.7	–	–
120.0	65.0	–	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	–	–	–
120.0	80.0	5.1	0.0	0.0	0.0	0.0	6.0	0.0	2.9	–	0.0	–	–
120.0	90.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	–	–	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	0.0	2.7	0.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	0.0	2.8	0.0	–	0.0	–	–

TABLE 4. (cont.)

Protomyctophum crockeri (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	55.0	–	0.0	0.0	–	0.0	5.5	5.1	2.8	–	0.0	–	–
123.0	65.0	–	–	–	–	2.6	0.0	0.0	0.0	–	–	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	2.7	0.0	–	0.0	–	–
127.0	45.0	2.3	0.0	0.0	–	0.0	0.0	2.8	2.6	0.0	0.0	–	–
127.0	50.0	2.6	0.0	0.0	–	0.0	2.9	5.6	0.0	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	5.3	2.9	2.8	–	2.8	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	9.3	–	–	–	–
127.0	70.0	0.0	–	–	–	0.0	0.0	0.0	2.9	–	0.0	–	–
130.0	50.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	–	0.0	–	–
130.0	55.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0	–	–
133.0	50.0	0.0	0.0	0.0	0.0	–	0.0	3.1	0.0	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
137.0	60.0	0.0	–	–	0.0	–	–	5.3	–	–	0.0	–	–
137.0	70.0	0.0	–	–	0.0	–	–	2.7	–	–	0.0	–	–

Symbolophorus californiensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	0.0	–	–	3.3	0.0	–	2.5	–	–	0.0	–	–
63.0	90.0	0.0	–	–	5.7	0.0	–	0.0	–	–	0.0	–	–
67.0	85.0	–	–	–	–	–	–	3.4	–	–	–	–	–
67.0	90.0	0.0	–	–	15.1	–	–	0.0	–	–	0.0	–	–
70.0	75.0	–	–	–	–	2.7	–	0.0	–	–	–	–	–
70.0	90.0	0.0	–	–	7.9	0.0	–	0.0	–	–	0.0	–	–
73.0	55.0	0.0	0.0	–	0.0	2.8	–	0.0	–	–	0.0	–	–
73.0	60.0	0.0	0.0	–	0.0	3.1	–	0.0	–	–	0.0	–	–
73.0	70.0	0.0	0.0	–	0.0	12.1	–	0.0	–	–	0.0	–	–
73.0	80.0	–	–	–	0.0	3.0	–	9.9	–	–	0.0	–	–
73.0	90.0	–	–	–	2.9	0.0	–	12.9	–	–	0.0	–	–
77.0	60.0	0.0	0.0	–	0.0	0.0	0.0	3.0	0.0	–	0.0	0.0	0.0
77.0	65.0	–	–	–	0.0	0.0	3.3	0.0	–	–	–	–	–
77.0	80.0	–	–	–	0.0	0.0	0.0	2.3	–	–	0.0	–	–
77.0	85.0	–	–	–	–	0.0	2.4	0.0	–	–	–	–	–
77.0	90.0	–	–	–	0.0	2.9	11.7	0.0	–	–	0.0	–	–
80.0	60.0	0.0	0.0	–	0.0	6.1	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	65.0	–	–	–	0.0	0.0	2.8	0.0	–	–	–	–	–
80.0	75.0	–	–	–	0.0	0.0	0.0	2.8	0.0	–	–	–	–
80.0	90.0	0.0	0.0	–	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
80.0	100.0	–	–	–	–	8.6	–	–	–	–	–	–	–
80.0	110.0	–	–	–	–	15.3	–	–	–	–	–	–	–
80.0	120.0	–	–	–	–	14.5	–	–	–	–	–	–	–
83.0	60.0	0.0	0.0	–	2.8	3.0	0.0	2.5	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	0.0	17.8	2.8	0.0	–	–	–	–
83.0	70.0	2.9	0.0	–	0.0	19.3	46.1	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.
83.0	75.0	-	-	-	0.0	0.0	3.1	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	-	0.0	0.0	2.9	2.5	0.0	-	0.0	-	-
83.0	85.0	-	-	-	5.9	5.9	12.3	0.0	-	-	-	-	-
83.0	90.0	0.0	0.0	-	28.5	0.0	0.0	2.5	0.0	-	0.0	-	-
87.0	35.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	40.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	55.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	-	0.0	2.8	0.0
87.0	60.0	-	1.5	-	9.1	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	65.0	-	-	-	0.0	6.8	8.9	6.3	0.0	-	-	-	-
87.0	70.0	-	0.0	-	3.0	13.6	9.8	0.0	3.2	-	0.0	-	-
87.0	75.0	-	-	-	0.0	36.5	5.6	-	0.0	-	-	-	-
87.0	80.0	-	0.0	-	8.9	11.0	39.9	3.2	0.0	-	2.5	-	-
87.0	85.0	-	-	-	6.0	3.0	0.0	2.8	0.0	-	-	-	-
87.0	90.0	-	0.0	-	25.6	14.8	0.0	2.7	0.0	-	0.0	-	-
90.0	55.0	0.0	3.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	60.0	-	0.0	2.8	0.0	3.2	9.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	-	-	0.0	-	3.1	2.8	3.2	0.0	0.0	-	-	-
90.0	70.0	-	0.0	2.7	14.5	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	75.0	-	-	-	22.5	0.0	0.0	0.0	0.0	0.0	-	-	-
90.0	80.0	-	3.0	2.6	0.0	13.5	11.8	0.0	0.0	4.8	0.0	0.0	0.0
90.0	85.0	-	-	-	0.0	15.5	-	0.0	0.0	0.0	-	-	-
90.0	90.0	-	0.0	2.2	5.6	0.0	-	0.0	0.0	0.0	0.0	-	0.0
90.0	100.0	-	-	-	-	5.6	-	-	-	0.0	-	-	0.0
90.0	120.0	-	-	-	-	2.9	-	-	-	2.5	-	-	-
90.0	145.0	-	-	-	-	2.8	-	-	-	-	-	-	-
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
93.0	40.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0	55.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	60.0	0.0	2.3	6.2	6.1	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	0.0	0.0	0.0	0.0	2.9	0.0	-	-	-
93.0	70.0	0.0	-	4.7	0.0	0.0	14.9	0.0	3.3	0.0	0.0	0.0	2.9
93.0	75.0	-	-	-	0.0	6.1	0.0	0.0	0.0	0.0	-	-	-
93.0	80.0	0.0	2.7	5.3	0.0	2.7	3.2	0.0	0.0	2.7	0.0	0.0	3.0
93.0	85.0	-	-	-	0.0	3.1	3.1	0.0	6.1	0.0	-	-	-
93.0	90.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0
93.0	100.0	-	-	-	-	-	-	-	-	0.0	-	-	3.0
93.0	110.0	-	-	-	-	-	-	-	-	2.7	-	-	-
97.0	35.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
97.0	40.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	45.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	-	0.0	-	-
97.0	50.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0	3.2	-	0.0	-	-
97.0	55.0	0.0	0.0	0.0	-	0.0	2.9	-	0.0	-	0.0	-	-
97.0	60.0	2.7	0.0	0.0	0.0	2.9	8.2	0.0	0.0	-	0.0	-	-
97.0	65.0	-	-	-	0.0	2.8	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.
97.0	70.0	0.0	10.5	–	0.0	0.0	9.7	3.1	0.0	–	0.0	–	–
97.0	75.0	–	–	–	2.7	0.0	0.0	0.0	0.0	–	–	–	–
97.0	80.0	3.0	4.6	–	2.8	0.0	0.0	2.8	0.0	–	0.0	–	–
97.0	90.0	2.5	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
100.0	40.0	–	0.0	7.8	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	45.0	0.0	0.0	0.0	0.0	3.0	2.8	0.0	0.0	–	0.0	–	–
100.0	50.0	0.0	0.0	0.0	0.0	3.1	2.7	0.0	3.1	–	3.0	–	–
100.0	55.0	–	0.0	0.0	0.0	0.0	3.3	2.5	9.3	–	3.0	–	–
100.0	60.0	0.0	0.0	0.0	0.0	3.4	6.1	0.0	3.2	–	0.0	–	–
100.0	65.0	–	–	–	0.0	2.7	0.0	–	3.2	–	–	–	–
100.0	70.0	2.8	0.0	–	0.0	0.0	6.0	0.0	0.0	–	0.0	–	–
100.0	75.0	–	–	–	11.4	0.0	0.0	0.0	0.0	–	–	–	–
100.0	80.0	0.0	13.2	–	0.0	0.0	3.3	0.0	0.0	–	0.0	–	–
100.0	85.0	–	–	–	0.0	0.0	0.0	3.3	3.1	–	–	–	–
100.0	90.0	2.7	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	35.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	0.0	–	–
103.0	50.0	2.8	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0	–	–
103.0	60.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	5.7	–	–
103.0	70.0	2.9	0.0	2.5	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	80.0	2.7	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	85.0	–	–	–	0.0	0.0	0.0	0.0	6.3	–	–	–	–
103.0	90.0	5.3	–	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	–	0.0	–	–
107.0	55.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	–	–	–	–
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	0.0	–	–
110.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	–
110.0	40.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	50.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	4.9	–	–
113.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	–	–
113.0	45.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	–	–

Tarletonbeania crenularis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	50.0	–	–	–	–	–	–	–	–	–	2.7	–	–
50.0	47.0	–	–	–	–	–	–	–	–	–	2.6	–	–
50.0	60.0	–	–	–	–	–	–	–	–	–	2.1	–	–
50.0	80.0	–	–	–	–	–	–	5.8	–	–	2.9	–	–

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	90.0	–	–	–	–	–	–	–	–	–	2.0	–	–
53.0	52.0	–	–	–	–	–	–	–	–	–	8.8	–	–
53.0	55.0	–	–	–	–	–	–	–	–	–	4.0	–	–
53.0	60.0	–	–	–	–	–	–	–	–	–	5.8	–	–
57.0	55.0	–	–	–	–	–	–	–	–	–	2.2	–	–
57.0	90.0	–	–	–	–	–	–	3.1	–	–	–	–	–
60.0	52.0	0.0	–	–	–	0.0	–	2.8	–	–	0.0	–	–
60.0	55.0	0.0	–	–	–	6.4	–	0.0	–	–	0.0	–	–
60.0	60.0	0.0	–	–	0.0	28.3	–	0.0	–	–	5.6	–	–
60.0	65.0	–	–	–	0.0	36.5	–	6.0	–	–	–	–	–
60.0	70.0	0.0	–	–	5.5	18.2	–	5.7	–	–	15.3	–	–
60.0	75.0	–	–	–	–	3.8	–	0.0	–	–	–	–	–
60.0	80.0	0.0	–	–	0.0	0.0	–	2.8	–	–	0.0	–	–
60.0	85.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
60.0	90.0	0.0	–	–	3.3	11.6	–	2.5	–	–	2.5	–	–
63.0	55.0	0.0	–	–	3.0	0.0	–	14.1	–	–	0.0	–	–
63.0	60.0	2.9	–	–	6.6	5.7	–	13.4	–	–	2.5	–	–
63.0	65.0	–	–	–	–	28.7	–	6.6	–	–	–	–	–
63.0	70.0	0.0	–	–	–	24.8	–	6.6	–	–	8.8	–	–
63.0	75.0	–	–	–	–	12.2	–	0.0	–	–	–	–	–
63.0	80.0	–	–	–	–	6.2	–	0.0	–	–	9.7	–	–
63.0	85.0	–	–	–	–	25.0	–	0.0	–	–	–	–	–
63.0	90.0	0.0	–	–	2.8	5.9	–	7.5	–	–	13.9	–	–
67.0	55.0	0.0	–	–	0.0	3.4	–	3.1	–	–	3.3	–	–
67.0	60.0	0.0	–	–	0.0	0.0	–	13.4	–	–	0.0	–	–
67.0	65.0	–	–	–	–	0.0	–	11.4	–	–	–	–	–
67.0	70.0	0.0	–	–	–	2.7	–	14.0	–	–	8.3	–	–
67.0	80.0	–	–	–	–	6.1	–	6.7	–	–	0.0	–	–
67.0	85.0	–	–	–	–	–	–	6.8	–	–	–	–	–
67.0	90.0	0.0	–	–	0.0	–	–	3.9	–	–	0.0	–	–
70.0	52.0	–	–	–	5.5	0.0	–	3.3	–	–	0.0	–	–
70.0	55.0	0.0	–	–	3.5	2.9	–	18.1	–	–	0.0	–	–
70.0	60.0	0.0	–	–	3.0	5.3	–	3.4	–	–	0.0	–	–
70.0	65.0	–	–	–	6.0	–	–	0.0	–	–	–	–	–
70.0	70.0	5.5	–	–	2.3	–	–	9.5	–	–	0.0	–	–
70.0	75.0	–	–	–	–	2.7	–	6.2	–	–	–	–	–
70.0	80.0	2.9	–	–	5.2	0.0	–	6.8	–	–	0.0	–	–
70.0	85.0	–	–	–	–	17.4	–	6.9	–	–	–	–	–
70.0	90.0	0.0	–	–	0.0	0.0	–	15.7	–	–	0.0	–	–
73.0	55.0	0.0	0.0	–	0.0	0.0	–	3.1	–	–	0.0	–	–
73.0	60.0	0.0	0.0	–	0.0	3.1	–	9.0	–	–	0.0	–	–
73.0	65.0	–	–	–	2.9	0.0	–	0.0	–	–	–	–	–
73.0	75.0	–	–	–	–	0.0	–	24.4	–	–	–	–	–
77.0	55.0	0.0	0.0	–	3.1	–	3.1	0.0	0.0	–	0.0	0.0	0.0
77.0	60.0	2.3	0.0	–	0.0	2.8	6.4	0.0	2.5	–	0.0	0.0	0.0
77.0	65.0	–	–	–	0.0	0.0	3.3	0.0	–	–	–	–	–

TABLE 4. (cont.)

Tarletonbeania crenularis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	70.0	0.0	0.0	–	0.0	3.3	0.0	0.0	–	–	0.0	0.0	6.0
77.0	80.0	–	–	–	3.1	0.0	0.0	0.0	–	–	12.1	–	–
77.0	85.0	–	–	–	–	0.0	2.4	3.2	–	–	–	–	–
77.0	90.0	–	–	–	0.0	2.9	0.0	3.5	–	–	0.0	–	–
80.0	55.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	65.0	–	–	–	0.0	0.0	2.8	6.6	–	–	–	–	–
80.0	70.0	0.0	0.0	–	0.0	0.0	0.0	8.7	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	0.0	2.9	0.0	6.8	–	–	–	–
80.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
80.0	90.0	0.0	0.0	–	0.0	0.0	0.0	5.5	0.0	–	0.0	–	–
83.0	55.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	60.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	70.0	0.0	0.0	–	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
83.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	5.5	–	–
87.0	55.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.5	0.0	0.0

Synodus spp.

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	0.0	0.0	0.0	0.0	–	2.8	–	–
113.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
113.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.1	–	–
115.0	35.0	–	–	–	–	–	–	–	–	2.8	–	–	–
115.0	40.0	–	–	–	–	–	–	–	–	2.3	–	–	–
117.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	–	–
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	–	–
117.0	35.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	–
117.0	40.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	45.0	5.5	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	2.5	0.0	–	–
118.5	25.0	–	–	–	–	–	–	–	–	8.3	–	–	–
118.5	30.0	–	–	–	–	–	–	–	–	5.2	–	–	–
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	63.4	–	–
120.0	25.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	7.2	–	–
120.0	30.0	2.3	0.0	0.0	0.0	–	0.0	0.0	0.0	7.7	19.7	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	8.7	35.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	–	–
120.0	45.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
120.0	50.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.7	26.0	–	–	–	–	–	–	–	–	1.8	–	–	–
121.2	34.0	–	–	–	–	–	–	–	–	38.2	–	–	–
121.3	30.0	–	–	–	–	–	–	–	–	23.2	–	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	18.0	1.8	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.7	–	–
127.0	34.0	4.6	0.0	0.0	–	0.0	0.0	0.0	0.0	5.4	4.4	–	–

TABLE 4. (cont.)

Synodus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	40.0	3.2	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	5.9	–	–
127.0	45.0	2.3	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	–	2.8	–	–
130.0	30.0	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.4	9.6	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	17.1	17.3	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	–	–
133.0	35.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
134.0	36.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.8	0.0	0.0	–	–
137.0	23.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.2	41.8	–	–
137.0	30.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	15.1	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	7.5	–	–
140.0	30.0	0.0	–	–	2.8	–	–	–	1.4	–	–	–	–
140.0	35.0	0.0	–	–	0.0	–	–	–	6.5	–	–	–	–
143.0	26.0	4.9	–	–	0.0	–	–	–	8.5	–	–	–	–
143.0	30.0	10.1	–	–	0.0	–	–	–	16.1	–	–	–	–
147.0	20.0	2.1	–	–	0.0	–	–	–	1.5	–	–	–	–
147.0	25.0	4.0	–	–	0.0	–	–	–	4.3	–	–	–	–
147.0	45.0	2.1	–	–	0.0	–	–	–	0.0	–	–	–	–
150.0	19.0	0.0	–	–	–	–	–	–	4.0	–	–	–	–

Bregmaceros spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	60.0	0.0	–	–	2.5	–	–	0.0	–	–	0.0	–	–
143.0	50.0	2.6	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	35.0	9.0	–	–	0.0	–	–	–	0.0	–	–	–	–
150.0	30.0	2.7	–	–	–	–	–	–	1.5	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	1.7	–	–	–	–
153.0	30.0	5.8	–	–	–	–	–	–	–	–	–	–	–
153.0	40.0	5.6	–	–	–	–	–	–	–	–	–	–	–
157.0	10.0	8.9	–	–	–	–	–	–	–	–	–	–	–
157.0	20.0	2.5	–	–	–	–	–	–	–	–	–	–	–
157.0	35.0	4.5	–	–	–	–	–	–	–	–	–	–	–
157.0	50.0	7.8	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	7.7	–	–	–	–	–	–	–	–	–	–	–

Merluccius productus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	–	–	–	84.2	12.2	–	0.0	–	–	–	–	–
60.0	70.0	0.0	–	–	27.3	0.0	–	0.0	–	–	0.0	–	–
60.0	75.0	–	–	–	–	1.9	–	0.0	–	–	–	–	–

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	80.0	0.0	–	–	21.7	0.0	–	0.0	–	–	0.0	–	–
60.0	90.0	0.0	–	–	136.1	0.0	–	0.0	–	–	0.0	–	–
63.0	52.0	0.0	–	–	2.8	–	–	0.0	–	–	0.0	–	–
63.0	55.0	0.0	–	–	32.6	0.0	–	0.0	–	–	0.0	–	–
63.0	60.0	0.0	–	–	26.6	0.0	–	0.0	–	–	0.0	–	–
63.0	75.0	–	–	–	–	12.2	–	0.0	–	–	–	–	–
63.0	80.0	–	–	–	–	43.7	–	0.0	–	–	0.0	–	–
63.0	85.0	–	–	–	–	18.8	–	0.0	–	–	–	–	–
63.0	90.0	0.0	–	–	34.1	14.7	–	0.0	–	–	0.0	–	–
67.0	50.0	0.0	–	–	2.4	3.0	–	0.0	–	–	0.0	–	–
67.0	55.0	0.0	–	–	7.6	3.4	–	0.0	–	–	0.0	–	–
67.0	60.0	0.0	–	–	13.7	6.9	–	0.0	–	–	0.0	–	–
67.0	70.0	0.0	–	–	–	5.4	–	0.0	–	–	0.0	–	–
67.0	75.0	–	–	–	–	6.0	–	0.0	–	–	–	–	–
67.0	80.0	–	–	–	–	3.0	–	0.0	–	–	0.0	–	–
70.0	52.0	–	–	–	16.4	0.0	–	0.0	–	–	0.0	–	–
70.0	55.0	0.0	–	–	20.9	11.8	–	0.0	–	–	0.0	–	–
70.0	60.0	0.0	–	–	9.0	7.9	–	0.0	–	–	0.0	–	–
70.0	65.0	–	–	–	36.2	–	–	0.0	–	–	–	–	–
70.0	70.0	0.0	–	–	43.3	–	–	0.0	–	–	0.0	–	–
70.0	75.0	–	–	–	–	13.7	–	0.0	–	–	–	–	–
70.0	80.0	0.0	–	–	89.1	6.8	–	0.0	–	–	0.0	–	–
70.0	85.0	–	–	–	–	6.9	–	0.0	–	–	–	–	–
70.0	90.0	0.0	–	–	62.9	5.6	–	0.0	–	–	0.0	–	–
73.0	51.0	0.0	537.2	–	0.0	0.0	–	0.0	–	–	0.0	–	–
73.0	53.0	–	624.9	–	–	–	–	–	–	–	–	–	–
73.0	55.0	0.0	544.6	–	14.1	5.6	–	0.0	–	–	0.0	–	–
73.0	57.0	–	68.2	–	–	–	–	–	–	–	–	–	–
73.0	60.0	6.0	15.3	–	32.0	9.2	–	0.0	–	–	0.0	–	–
73.0	65.0	–	–	–	71.8	3.4	–	0.0	–	–	–	–	–
73.0	70.0	0.0	15.8	–	117.3	3.0	–	0.0	–	–	0.0	–	–
73.0	80.0	–	–	–	29.1	6.0	–	0.0	–	–	0.0	–	–
73.0	90.0	–	–	–	5.9	0.0	–	0.0	–	–	0.0	–	–
77.0	50.0	0.0	79.4	–	2.9	0.0	0.0	0.0	0.0	–	0.0	–	–
77.0	53.0	–	217.4	–	–	–	–	–	–	–	–	0.0	0.0
77.0	55.0	5.6	569.6	–	24.5	–	0.0	0.0	0.0	–	0.0	0.0	0.0
77.0	57.0	–	113.6	–	–	–	–	–	–	–	–	–	–
77.0	60.0	9.3	10.1	–	37.7	5.5	0.0	0.0	0.0	–	0.0	2.6	0.0
77.0	65.0	–	–	–	2.8	3.0	0.0	0.0	–	–	–	–	–
77.0	70.0	0.0	0.0	–	11.0	0.0	0.0	0.0	–	–	0.0	0.0	0.0
77.0	75.0	–	–	–	–	5.9	–	0.0	–	–	–	–	–
77.0	80.0	–	–	–	49.1	0.0	0.0	0.0	–	–	0.0	–	–
77.0	85.0	–	–	–	–	2.8	0.0	0.0	–	–	–	–	–
77.0	90.0	–	–	–	0.0	2.9	0.0	0.0	–	–	0.0	–	–
80.0	52.0	36.3	–	–	23.2	3.0	2.7	0.0	0.0	–	0.0	–	–
80.0	53.0	–	471.2	–	–	–	–	–	–	–	–	0.0	0.0

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	55.0	209.8	1872.2	-	165.0	2.8	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	57.0	-	1633.3	-	-	-	-	-	-	-	-	-	-
80.0	60.0	13.8	130.7	-	95.1	3.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	65.0	-	-	-	36.8	2.7	0.0	0.0	-	-	-	-	-
80.0	70.0	0.0	3.0	-	27.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	75.0	-	-	-	14.6	0.0	0.0	0.0	0.0	-	-	-	-
80.0	80.0	0.0	3.1	-	25.3	3.2	0.0	0.0	0.0	-	0.0	-	-
80.0	85.0	-	-	-	20.6	0.0	0.0	0.0	0.0	-	-	-	-
80.0	90.0	0.0	3.1	-	2.8	0.0	0.0	0.0	0.0	-	0.0	-	-
80.0	110.0	-	-	-	-	3.1	-	-	-	-	-	-	-
82.0	47.0	11.6	28.2	-	6.5	2.7	4.8	0.0	0.0	-	0.0	0.0	0.0
83.0	40.0	42.7	48.3	0.9	3.2	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	43.0	37.7	333.8	100.6	50.8	2.6	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	51.0	33.2	136.3	-	38.1	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	55.0	34.9	243.3	-	32.5	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	60.0	9.0	997.2	-	51.3	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	65.0	-	-	-	22.7	11.8	0.0	0.0	0.0	-	-	-	-
83.0	70.0	0.0	200.7	-	13.8	5.5	0.0	0.0	0.0	-	0.0	-	-
83.0	75.0	-	-	-	27.8	5.5	0.0	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	-	3.0	0.0	2.9	0.0	0.0	-	0.0	-	-
87.0	35.0	67.2	31.5	55.9	36.1	12.9	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	40.0	81.0	318.2	3.0	3.0	11.2	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	45.0	-	-	45.1	75.3	12.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	50.0	0.0	111.9	85.2	31.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	55.0	0.0	30.0	-	9.4	6.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	60.0	-	374.8	-	12.1	6.2	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	65.0	-	-	-	18.1	0.0	0.0	0.0	0.0	-	-	-	-
87.0	70.0	-	51.2	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
87.0	75.0	-	-	-	20.2	0.0	0.0	-	0.0	-	-	-	-
87.0	90.0	-	0.0	-	2.8	0.0	0.0	0.0	0.0	-	0.0	-	-
90.0	28.0	49.8	133.7	2.4	40.4	13.5	0.0	0.0	0.0	0.0	0.0	10.1	0.0
90.0	30.0	20.2	5.3	0.0	-	-	-	-	-	-	-	0.0	-
90.0	32.0	11.2	16.2	-	52.4	5.4	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	44.5	2.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	45.0	0.0	0.0	62.8	18.7	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	50.0	5.2	106.9	172.8	2.8	2.9	0.0	-	0.0	0.0	0.0	0.0	0.0
90.0	55.0	0.0	21.1	25.4	33.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	60.0	-	11.8	11.0	100.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	-	-	4.5	-	3.1	0.0	0.0	0.0	0.0	-	-	-
90.0	70.0	-	0.0	0.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	13.1	0.0
90.0	90.0	-	0.0	2.2	0.0	0.0	-	0.0	0.0	0.0	0.0	-	0.0
93.0	27.0	19.5	-	-	-	-	-	-	-	-	-	-	-
93.0	28.0	-	13.9	0.0	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	30.0	5.8	5.8	2.6	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	5.5	203.5	2.7	0.0	0.0	0.0	0.0	0.0	2.9	0.0
93.0	45.0	0.0	3.0	14.5	395.8	11.7	0.0	0.0	0.0	0.0	0.0	3.4	0.0

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	50.0	5.9	47.9	52.6	188.5	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0
93.0	55.0	6.4	67.6	0.0	271.7	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
93.0	60.0	0.0	2.3	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	41.7	0.0	0.0	0.0	0.0	0.0	-	-	-
93.0	70.0	0.0	-	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	80.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	30.0	0.0	0.0	5.4	-	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	32.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	35.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	40.0	0.0	0.0	7.9	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
97.0	45.0	0.0	0.0	2.8	0.0	3.1	0.0	0.0	0.0	-	0.0	-	-
97.0	60.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	70.0	0.0	47.3	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	29.0	2.5	9.3	0.0	5.4	3.2	0.0	0.0	0.0	-	0.0	-	-
100.0	30.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	40.0	-	0.0	0.0	0.0	3.3	0.0	0.0	0.0	-	0.0	-	-
103.0	30.0	0.0	5.8	7.6	4.1	2.7	0.0	-	0.0	-	0.0	-	-
103.0	35.0	0.0	0.0	0.0	5.5	0.0	0.0	-	1.4	-	0.0	-	-
107.0	32.0	0.0	8.9	30.0	3.2	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	35.0	0.0	0.0	30.7	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	40.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	45.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	50.0	0.0	2.3	36.1	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	55.0	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	-	-	-	-
110.0	33.0	0.0	27.2	0.0	22.1	2.5	0.0	0.0	0.0	0.0	0.0	-	-
110.0	35.0	0.0	12.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	40.0	0.0	78.0	6.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	45.0	0.0	0.0	14.6	5.1	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0	30.0	0.0	2.6	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-
113.0	35.0	0.0	24.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
113.0	40.0	-	11.9	11.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
113.0	50.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
117.0	26.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	30.0	0.0	0.0	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	35.0	0.0	0.0	61.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	40.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	45.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0	-	-
117.0	50.0	0.0	0.0	0.0	2.8	3.1	0.0	0.0	0.0	-	0.0	-	-
117.0	65.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	-	-	-	-
118.0	39.0	0.0	0.0	3.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	-	-
119.0	33.0	0.0	0.0	0.0	0.0	-	1.4	0.0	0.0	0.0	0.0	-	-
120.0	45.0	0.0	21.3	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	-	-
123.0	37.0	0.0	2.4	8.1	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-
123.0	42.0	0.0	1.5	3.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-
123.0	45.0	0.0	9.7	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	-
123.0	50.0	-	5.9	0.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-

TABLE 4. (cont.)

Merluccius productus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	60.0	0.0	0.0	0.0	–	0.0	0.0	2.6	0.0	–	0.0	–	–
127.0	34.0	0.0	0.0	42.6	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
127.0	40.0	15.8	0.0	9.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
127.0	45.0	0.0	41.2	5.9	–	2.8	0.0	0.0	0.0	0.0	0.0	–	–
127.0	50.0	5.3	5.4	0.0	–	0.0	0.0	0.0	0.0	–	0.0	–	–
130.0	30.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	35.0	13.3	20.3	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	40.0	0.0	17.9	11.4	0.0	2.6	0.0	0.0	0.0	0.0	0.0	–	–
130.0	45.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	55.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	–	0.0	–	–
133.0	30.0	2.4	0.0	110.3	9.1	0.0	0.0	0.0	0.0	0.0	0.0	–	–
133.0	35.0	0.0	0.0	240.8	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	40.0	2.0	0.0	35.5	4.0	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	45.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	50.0	0.0	0.0	3.1	0.0	–	0.0	0.0	0.0	–	0.0	–	–
134.0	36.0	11.7	0.0	73.8	0.0	–	0.0	0.0	0.0	0.0	0.0	–	–
137.0	23.0	16.8	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
137.0	30.0	61.3	10.7	23.6	8.2	0.0	0.0	0.0	–	0.0	0.0	–	–
137.0	35.0	0.0	0.0	11.7	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	40.0	0.0	0.0	0.0	18.6	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	45.0	0.0	8.8	0.0	5.6	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
140.0	30.0	4.7	–	–	5.6	–	–	–	0.0	–	–	–	–
140.0	35.0	6.8	–	–	0.0	–	–	–	0.0	–	–	–	–
140.0	40.0	3.0	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	35.0	18.4	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	25.0	2.0	–	–	0.0	–	–	–	0.0	–	–	–	–

Physiculus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	60.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
157.0	25.0	2.3	–	–	–	–	–	–	–	–	–	–	–

Macrouridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	55.0	–	–	–	–	–	–	–	–	–	2.2	–	–
83.0	90.0	0.0	2.6	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	45.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Ophidiiformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	52.0	–	–	–	0.0	2.9	–	0.0	–	–	0.0	–	–
77.0	70.0	0.0	0.0	–	0.0	0.0	2.4	0.0	–	–	0.0	0.0	0.0
77.0	90.0	–	–	–	0.0	0.0	2.9	0.0	–	–	0.0	–	–
80.0	55.0	0.0	0.0	–	0.0	0.0	3.0	0.0	0.0	–	0.0	0.0	0.0
80.0	70.0	0.0	0.0	–	0.0	0.0	3.9	0.0	0.0	–	0.0	0.0	0.0
82.0	47.0	0.0	0.0	–	3.3	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	0.0	2.4	0.0	0.0	0.0	–	0.0	0.0	0.0
90.0	28.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	32.0	0.0	0.0	–	11.6	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
90.0	55.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	32.0	0.0	0.0	0.0	3.2	2.8	0.0	0.0	0.0	–	0.0	–	–
115.0	30.0	–	–	–	–	–	–	–	–	2.4	–	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	–	–
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	20.3	3.0	–	–
120.0	25.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.4	–	–
120.0	30.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	8.7	2.7	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	2.7	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	–	0.0	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
120.7	26.0	–	–	–	–	–	–	–	–	3.6	–	–	–
121.3	30.0	–	–	–	–	–	–	–	–	2.6	–	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.9	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.8	–	0.0	–	–
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	–	–
130.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	–	0.0	–	–
130.0	65.0	–	–	–	–	–	0.0	0.0	1.2	–	–	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	19.9	5.8	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	4.0	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.0	–	–
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	–	0.0	–	–
140.0	30.0	0.0	–	–	0.0	–	–	–	43.2	–	–	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	27.2	–	–	–	–
143.0	30.0	2.0	–	–	0.0	–	–	–	6.7	–	–	–	–

Brosmophycis marginata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	70.0	0.0	0.0	–	0.0	0.0	0.0	12.3	–	–	0.0	0.0	0.0
80.0	52.0	0.0	–	–	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
83.0	40.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	0.0	2.4	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	3.2	0.0	0.0	–	0.0	0.0	0.0

TABLE 4. (cont.)

Brosmophycis marginata (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	60.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	40.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	–	0.0	0.0	0.0
87.0	60.0	–	0.0	–	0.0	0.0	3.1	0.0	0.0	–	0.0	0.0	0.0
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
117.0	30.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	–

Chilara taylori

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	–	–	2.5	–	–
77.0	53.0	–	0.0	–	–	–	–	–	–	–	–	2.3	0.0
77.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	0.0	–	2.0	0.0	0.0
77.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	–	0.0	0.0	3.0
80.0	52.0	0.0	–	–	0.0	0.0	0.0	0.0	0.0	–	4.6	–	–
80.0	60.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.2	–	0.0	0.0	0.0
87.0	65.0	–	–	–	0.0	0.0	0.0	3.2	0.0	–	–	–	–
90.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.7	0.0	0.0	0.0
97.0	30.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.6	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.4	–	–
113.0	40.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	–	–
115.0	40.0	–	–	–	–	–	–	–	–	2.3	–	–	–
123.0	50.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.7	–	–
123.0	65.0	–	–	–	–	0.0	0.0	8.1	0.0	–	–	–	–

Ophidion scrippsae

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	3.0	0.0	0.0	–	0.0	0.0	0.0
82.0	47.0	0.0	0.0	–	0.0	0.0	2.4	0.0	0.0	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	–	3.0	0.0	0.0
87.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.2	0.0	0.0
90.0	28.0	0.0	3.3	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	0.0	0.0	5.9	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	–	0.0	–	–
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	–
117.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	–
118.5	25.0	–	–	–	–	–	–	–	–	2.8	–	–	–
119.0	33.0	0.0	0.0	0.0	5.9	–	0.0	0.0	0.0	11.6	3.0	–	–
120.0	25.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.4	–	–
120.0	30.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	10.2	2.5	–	–

TABLE 4. (cont.)

Ophidion scrippsae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	17.5	24.2	-	-
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	8.2	0.0	-	-
120.0	45.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	2.9	-	-
120.0	65.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.3	-	-	-	-
121.2	34.0	-	-	-	-	-	-	-	-	26.5	-	-	-
121.3	30.0	-	-	-	-	-	-	-	-	5.2	-	-	-
123.0	37.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	1.8	-	-
123.0	42.0	0.0	0.0	0.0	-	0.0	5.9	0.0	0.0	0.0	0.0	-	-
123.0	70.0	0.0	-	-	-	0.0	0.0	0.0	17.2	-	0.0	-	-
127.0	34.0	2.3	0.0	0.0	-	0.0	0.0	0.0	4.5	0.0	0.0	-	-
130.0	30.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	28.7	8.6	0.0	-	-
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	-
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	34.6	-	-
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	-	-
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	8.0	-	-
137.0	30.0	0.0	18.7	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-
140.0	30.0	2.3	-	-	0.0	-	-	-	0.0	-	-	-	-
143.0	30.0	0.0	-	-	0.0	-	-	-	1.3	-	-	-	-
150.0	19.0	2.3	-	-	-	-	-	-	0.0	-	-	-	-

Ceratioidei

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0	80.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0
90.0	90.0	-	0.0	0.0	0.0	0.0	-	0.0	0.0	5.2	0.0	-	0.0
93.0	65.0	-	-	-	0.0	0.0	0.0	0.0	0.0	2.8	-	-	-
93.0	85.0	-	-	-	0.0	0.0	3.1	0.0	0.0	0.0	-	-	-
93.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	-	-	0.0
93.0	100.0	-	-	-	-	-	-	-	-	2.8	-	-	0.0
93.0	110.0	-	-	-	-	-	-	-	-	2.7	-	-	-
93.0	120.0	-	-	-	-	-	-	-	-	5.2	-	-	-
97.0	75.0	-	-	-	0.0	0.0	0.0	0.0	10.2	-	-	-	-
100.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-
100.0	90.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	4.7	-	-
103.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.5	-	0.0	-	-
103.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
103.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
103.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	-	0.0	-	-
103.0	75.0	-	-	-	0.0	0.0	0.0	0.0	2.6	-	-	-	-
103.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-
103.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	3.3	-	3.0	-	-
107.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	6.1	-	6.1	-	-
107.0	85.0	-	-	-	0.0	0.0	0.0	0.0	6.5	-	-	-	-
107.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	15.1	-	2.8	-	-
110.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	-

TABLE 4. (cont.)

Ceratioidei (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	–	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.5	–	–
110.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
110.0	90.0	0.0	0.0	0.0	–	0.0	0.0	2.4	–	–	0.0	–	–
113.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	–	0.0	–	–
113.0	80.0	1.3	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	–	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	–	0.0	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	6.0	–	–	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
117.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	–	–	2.7	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
120.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–	2.9	–	–
123.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	–	3.3	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.5	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	0.0	–	2.5	–	–
127.0	70.0	0.0	–	–	–	0.0	0.0	0.0	0.0	–	3.0	–	–
133.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	–	0.0	–	–
133.0	55.0	0.0	–	–	0.0	–	–	0.0	1.5	–	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	–	–
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
150.0	25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
153.0	35.0	2.3	–	–	–	–	–	–	–	–	–	–	–

Lophiidae

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	0.0	0.0	0.0	0.0	3.0	–	–

Exocoetidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	–	–
123.0	45.0	0.0	0.0	0.0	–	0.0	0.0	3.0	–	0.0	0.0	–	–
130.0	65.0	–	–	–	–	–	0.0	5.7	0.0	–	–	–	–
157.0	20.0	2.5	–	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Cololabis saira

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	75.0	–	–	–	–	1.9	–	0.0	–	–	–	–	–
60.0	90.0	0.0	–	–	0.0	2.9	–	0.0	–	–	0.0	–	–
70.0	75.0	–	–	–	–	2.7	–	0.0	–	–	–	–	–
73.0	70.0	2.8	0.0	–	0.0	0.0	–	0.0	–	–	0.0	–	–
77.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	3.2	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	2.7	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	45.0	–	–	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
90.0	70.0	–	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
90.0	90.0	–	1.5	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
93.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0
113.0	45.0	0.0	0.0	0.0	2.6	0.0	5.4	0.0	0.0	–	0.0	–	–
117.0	40.0	0.0	0.0	0.0	9.7	0.0	6.3	0.0	0.0	0.0	0.0	–	–
120.0	50.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	–	0.0	–	–
123.0	70.0	2.8	–	–	–	0.0	0.0	0.0	0.0	–	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	2.8	0.0	0.0	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	0.0	5.8	0.0	0.0	–	0.0	–	–
127.0	60.0	0.0	3.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0	–	–

Atherinidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0

Trachipteridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	55.0	–	–	–	–	–	–	–	–	–	2.9	–	–
60.0	85.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
67.0	75.0	–	–	–	–	0.0	–	3.3	–	–	–	–	–
70.0	75.0	–	–	–	–	2.7	–	3.1	–	–	–	–	–
77.0	80.0	–	–	–	0.0	3.2	0.0	0.0	–	–	0.0	–	–
80.0	90.0	0.0	0.0	–	0.0	0.0	3.3	0.0	0.0	–	0.0	–	–
83.0	75.0	–	–	–	0.0	0.0	0.0	2.9	–	–	–	–	–
90.0	70.0	–	0.0	0.0	2.9	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	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	–	–	–	0.0	0.0	0.0	2.8	0.0	0.0	–	–	–
143.0	60.0	0.0	–	–	0.0	–	–	–	1.9	–	–	–	–

Melamphaes spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	60.0	0.0	–	–	0.0	0.0	–	3.0	–	–	0.0	–	–

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	65.0	–	–	–	0.0	0.0	–	3.0	–	–	–	–	–
60.0	70.0	0.0	–	–	0.0	18.2	–	0.0	–	–	0.0	–	–
60.0	80.0	0.0	–	–	0.0	5.3	–	2.8	–	–	0.0	–	–
60.0	85.0	–	–	–	–	0.0	–	3.0	–	–	–	–	–
60.0	90.0	0.0	–	–	0.0	5.8	–	0.0	–	–	0.0	–	–
63.0	80.0	–	–	–	–	12.5	–	3.3	–	–	2.4	–	–
63.0	85.0	–	–	–	–	0.0	–	10.1	–	–	–	–	–
63.0	90.0	0.0	–	–	5.7	0.0	–	0.0	–	–	0.0	–	–
67.0	55.0	0.0	–	–	2.5	0.0	–	0.0	–	–	0.0	–	–
67.0	60.0	0.0	–	–	0.0	0.0	–	3.3	–	–	0.0	–	–
67.0	70.0	0.0	–	–	–	2.7	–	0.0	–	–	0.0	–	–
67.0	75.0	–	–	–	–	12.0	–	9.9	–	–	–	–	–
67.0	80.0	–	–	–	–	3.0	–	0.0	–	–	0.0	–	–
67.0	90.0	0.0	–	–	9.0	–	–	3.9	–	–	0.0	–	–
70.0	52.0	–	–	–	2.7	0.0	–	0.0	–	–	0.0	–	–
70.0	55.0	0.0	–	–	7.0	0.0	–	0.0	–	–	0.0	–	–
70.0	70.0	0.0	–	–	6.8	–	–	0.0	–	–	0.0	–	–
70.0	75.0	–	–	–	–	2.7	–	0.0	–	–	–	–	–
70.0	80.0	0.0	–	–	7.9	3.4	–	6.8	–	–	0.0	–	–
70.0	85.0	–	–	–	–	3.5	–	0.0	–	–	–	–	–
73.0	65.0	–	–	–	2.9	3.4	–	0.0	–	–	–	–	–
73.0	70.0	2.8	3.2	–	3.2	6.0	–	0.0	–	–	0.0	–	–
73.0	75.0	–	–	–	–	3.0	–	6.1	–	–	–	–	–
73.0	80.0	–	–	–	8.7	3.0	–	0.0	–	–	0.0	–	–
73.0	85.0	–	–	–	–	0.0	–	3.5	–	–	–	–	–
73.0	90.0	–	–	–	8.8	0.0	–	0.0	–	–	0.0	–	–
77.0	55.0	0.0	0.0	–	0.0	–	6.3	0.0	0.0	–	0.0	0.0	0.0
77.0	60.0	0.0	0.0	–	0.0	0.0	12.8	0.0	0.0	–	0.0	0.0	0.0
77.0	65.0	–	–	–	0.0	3.0	0.0	0.0	–	–	–	–	–
77.0	70.0	3.0	2.5	–	0.0	3.3	7.3	0.0	–	–	0.0	0.0	0.0
77.0	80.0	–	–	–	0.0	12.9	0.0	2.3	–	–	0.0	–	–
77.0	85.0	–	–	–	–	2.8	2.4	0.0	–	–	–	–	–
80.0	55.0	0.0	0.0	–	9.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	65.0	–	–	–	0.0	2.7	2.8	0.0	–	–	–	–	–
80.0	75.0	–	–	–	2.9	0.0	2.9	2.8	0.0	–	–	–	–
80.0	80.0	0.0	0.0	–	6.3	0.0	0.0	0.0	3.0	–	0.0	–	–
80.0	85.0	–	–	–	0.0	2.9	0.0	3.1	3.3	–	–	–	–
80.0	90.0	0.0	0.0	–	2.8	4.8	3.3	0.0	0.0	–	0.0	–	–
80.0	100.0	–	–	–	–	5.7	–	–	–	–	–	–	–
83.0	60.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	5.9	5.9	0.0	0.0	–	–	–	–
83.0	70.0	0.0	0.0	–	2.8	0.0	0.0	2.4	0.0	–	1.5	–	–
83.0	75.0	–	–	–	2.8	2.7	0.0	0.0	–	–	–	–	–
83.0	80.0	0.0	0.0	–	0.0	2.4	5.8	0.0	0.0	–	0.0	–	–
83.0	85.0	–	–	–	0.0	0.0	0.0	3.1	–	–	–	–	–
83.0	90.0	0.0	0.0	–	6.3	6.0	2.9	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.
87.0	55.0	0.0	0.0	-	3.1	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	60.0	-	0.0	-	0.0	0.0	3.1	0.0	0.0	-	0.0	0.0	5.2
87.0	65.0	-	-	-	3.0	0.0	8.9	0.0	0.0	-	-	-	-
87.0	70.0	-	0.0	-	3.0	0.0	0.0	2.2	0.0	-	0.0	-	-
87.0	75.0	-	-	-	2.9	3.0	5.6	-	3.3	-	-	-	-
87.0	80.0	-	0.0	-	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-
87.0	85.0	-	-	-	0.0	0.0	2.8	0.0	0.0	-	-	-	-
87.0	90.0	-	0.0	-	0.0	3.0	0.0	0.0	0.0	-	0.0	-	-
90.0	55.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0	60.0	-	0.0	2.8	5.7	6.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	-	-	0.0	-	3.1	2.8	3.2	0.0	0.0	-	-	-
90.0	75.0	-	-	-	0.0	0.0	0.0	0.0	3.1	0.0	-	-	-
90.0	80.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.2	2.4	0.0	0.0	0.0
90.0	90.0	-	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	5.6	-	0.0
90.0	145.0	-	-	-	-	2.8	-	-	-	-	-	-	-
93.0	45.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	2.6	2.2	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	3.0	0.0	0.0	0.0	0.0
93.0	55.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	2.8	0.0	0.0	0.0
93.0	60.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	3.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	2.8	0.0	0.0	0.0	0.0	5.5	-	-	-
93.0	70.0	0.0	-	0.0	2.8	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	75.0	-	-	-	0.0	0.0	0.0	0.0	0.0	5.4	-	-	-
93.0	80.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	85.0	-	-	-	0.0	0.0	0.0	0.0	3.1	5.1	-	-	-
93.0	90.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	-	0.0
97.0	50.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	-	0.0	-	-
97.0	60.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	65.0	-	-	-	0.0	0.0	2.7	0.0	0.0	-	-	-	-
97.0	70.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.9	-	0.0	-	-
97.0	80.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	85.0	-	-	-	0.0	0.0	0.0	0.0	3.0	-	-	-	-
97.0	90.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
100.0	45.0	0.0	0.0	2.5	0.0	0.0	5.6	0.0	3.0	-	0.0	-	-
100.0	55.0	-	0.0	0.0	0.0	2.9	3.3	0.0	0.0	-	0.0	-	-
100.0	75.0	-	-	-	0.0	0.0	0.0	3.3	0.0	-	-	-	-
100.0	80.0	0.0	0.0	-	0.0	0.0	6.7	0.0	0.0	-	0.0	-	-
100.0	90.0	2.7	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.5	-	0.0	-	-
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.4	-	-
103.0	70.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.2	-	5.0	-	-
103.0	85.0	-	-	-	0.0	0.0	0.0	0.0	3.2	-	-	-	-
107.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	3.0	-	2.4	-	-
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0	-	-
107.0	70.0	0.0	-	0.0	0.0	0.0	0.0	0.0	3.1	-	2.8	-	-
107.0	80.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-

TABLE 4. (cont.)

Melamphaes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
107.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	0.0	–	8.3	–	–
110.0	45.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
110.0	60.0	0.0	0.0	2.7	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
110.0	65.0	–	5.7	0.0	0.0	0.0	0.0	0.0	0.0	–	–	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.5	–	–
110.0	85.0	–	–	–	0.0	0.0	0.0	2.6	–	–	–	–	–
110.0	90.0	0.0	0.0	0.0	–	0.0	0.0	4.8	–	–	4.5	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	3.5	–	0.0	–	–
113.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
113.0	70.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
113.0	75.0	–	–	–	0.0	0.0	0.0	0.0	6.2	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
113.0	90.0	0.0	–	–	0.0	0.0	0.0	5.9	–	–	3.1	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
117.0	90.0	0.0	–	–	0.0	0.0	0.0	2.6	–	–	8.1	–	–
120.0	55.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0	–	–
120.0	70.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	8.1	–	–
120.0	80.0	0.0	0.0	0.0	0.0	2.6	0.0	2.8	0.0	–	0.0	–	–
120.0	85.0	–	–	–	0.0	3.3	0.0	0.0	–	–	–	–	–
123.0	42.0	2.4	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	2.8	0.0	0.0	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	2.8	0.0	0.0	0.0	–	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	0.0	–	2.5	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	0.0	–	–
127.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.6	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	6.2	–	–	–	–
127.0	70.0	0.0	–	–	–	0.0	0.0	2.6	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	3.1	–	–
130.0	45.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	2.8	–	–
130.0	55.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0	–	–
133.0	55.0	2.0	–	–	0.0	–	–	0.0	0.0	–	0.0	–	–
137.0	23.0	0.0	5.5	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	2.6	0.0	–	0.0	–	–
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
143.0	45.0	0.0	–	–	2.6	–	–	–	0.0	–	–	–	–
147.0	35.0	0.0	–	–	3.0	–	–	–	0.0	–	–	–	–
147.0	40.0	0.0	–	–	0.0	–	–	–	2.1	–	–	–	–
147.0	55.0	0.0	–	–	0.0	–	–	–	1.5	–	–	–	–
147.0	60.0	0.0	–	–	2.9	–	–	–	0.0	–	–	–	–
150.0	50.0	0.0	–	–	–	–	–	–	1.1	–	–	–	–
153.0	25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
157.0	10.0	3.0	–	–	–	–	–	–	–	–	–	–	–
157.0	40.0	2.4	–	–	–	–	–	–	–	–	–	–	–
157.0	80.0	2.6	–	–	–	–	–	–	–	–	–	–	–

TABLE 4. (cont.)

Poromitra spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	80.0	–	–	–	0.0	0.0	–	3.3	–	–	0.0	–	–
77.0	70.0	0.0	0.0	–	0.0	0.0	0.0	12.3	–	–	0.0	0.0	0.0
77.0	75.0	–	–	–	–	3.0	–	0.0	–	–	–	–	–
80.0	85.0	–	–	–	0.0	0.0	0.0	0.0	3.3	–	–	–	–
80.0	110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
83.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.3	–	0.0	–	–
83.0	90.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–
87.0	80.0	–	0.0	–	0.0	0.0	0.0	3.2	0.0	–	0.0	–	–
87.0	85.0	–	–	–	0.0	3.0	0.0	0.0	0.0	–	–	–	–
87.0	90.0	–	0.0	–	2.8	3.0	2.8	0.0	0.0	–	0.0	–	–
90.0	80.0	–	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0	85.0	–	–	–	0.0	3.1	–	0.0	0.0	0.0	–	–	–
100.0	40.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
100.0	90.0	0.0	2.4	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	35.0	0.0	0.0	2.9	0.0	0.0	0.0	–	0.0	–	0.0	–	–

Scopelogadus bispinosus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	75.0	–	–	–	–	0.0	–	3.2	–	–	–	–	–
70.0	60.0	2.7	–	–	0.0	0.0	–	0.0	–	–	0.0	–	–
73.0	70.0	0.0	3.2	–	0.0	0.0	–	0.0	–	–	0.0	–	–
77.0	55.0	2.8	3.2	–	0.0	–	0.0	0.0	0.0	–	0.0	0.0	0.0
77.0	60.0	0.0	3.3	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	70.0	0.0	3.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	2.9	0.0	0.0	0.0	–	–	–	–
80.0	80.0	2.8	3.1	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
80.0	85.0	–	–	–	0.0	2.9	0.0	0.0	0.0	–	–	–	–
80.0	110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
83.0	90.0	0.0	2.6	–	0.0	6.0	0.0	0.0	0.0	–	0.0	–	–
87.0	70.0	–	0.0	–	0.0	3.4	3.3	0.0	0.0	–	0.0	–	–
87.0	75.0	–	–	–	0.0	3.0	0.0	–	0.0	–	–	–	–
90.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0
90.0	65.0	–	–	0.0	–	3.1	0.0	0.0	0.0	0.0	–	–	–
90.0	70.0	–	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
90.0	90.0	–	1.5	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0
90.0	100.0	–	–	–	–	2.8	–	–	–	0.0	–	–	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
93.0	60.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	70.0	2.5	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
93.0	80.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.6	–	–
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	6.0	–	0.0	–	–
100.0	40.0	–	0.0	2.6	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–

TABLE 4. (cont.)

Scopelogadus bispinosus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	75.0	–	–	–	0.0	3.0	0.0	0.0	0.0	–	–	–	–
100.0	85.0	–	–	–	0.0	0.0	0.0	0.0	3.1	–	–	–	–
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.3	–	–
103.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	0.0	–	–
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	–	0.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	6.0	–	0.0	–	–
103.0	60.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–
103.0	65.0	–	–	–	0.0	0.0	0.0	0.0	3.0	–	–	–	–
103.0	75.0	–	–	–	0.0	0.0	0.0	0.0	7.8	–	–	–	–
103.0	90.0	0.0	–	–	0.0	0.0	0.0	5.4	0.0	–	0.0	–	–
107.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	–	–	–
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	–	0.0	–	–
107.0	80.0	0.0	–	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
107.0	90.0	0.0	–	–	0.0	0.0	0.0	2.8	3.0	–	0.0	–	–
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	–	0.0	–	–
110.0	65.0	–	0.0	0.0	0.0	2.9	0.0	0.0	0.0	–	–	–	–
110.0	75.0	–	–	–	0.0	0.0	0.0	0.0	3.1	–	–	–	–
110.0	85.0	–	–	–	2.8	0.0	0.0	0.0	–	–	–	–	–
113.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	3.3	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	2.3	0.0	–	–	–	–
117.0	80.0	0.0	–	0.0	0.0	0.0	0.0	2.9	0.0	–	0.0	–	–
130.0	65.0	–	–	–	–	–	0.0	0.0	1.2	–	–	–	–
157.0	15.0	3.2	–	–	–	–	–	–	–	–	–	–	–
157.0	25.0	2.3	–	–	–	–	–	–	–	–	–	–	–

Macroramphosus gracilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	75.0	–	–	–	0.0	0.0	0.0	2.8	0.0	–	–	–	–

Syngnathus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	53.0	–	0.0	–	–	–	–	–	–	–	–	0.0	2.9
77.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	–	0.0	0.0	3.0
90.0	32.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	1.8	–	0.0

Agonidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	90.0	0.0	–	–	0.0	0.0	–	3.1	–	–	0.0	–	–

TABLE 4. (cont.)

Agonidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	2.9	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	55.0	0.0	3.2	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	50.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
90.0	45.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	29.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	1.2	–	0.0	–	–

Cottidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	–	–	–	2.5	–	0.0	–	–	0.0	–	–
80.0	52.0	0.0	–	–	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
80.0	55.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	60.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	70.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	0.0	2.9	0.0	0.0	–	–	–	–
82.0	47.0	0.0	0.0	–	3.3	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	40.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	51.0	6.0	0.0	–	0.0	0.0	2.5	2.2	0.0	–	0.0	0.0	0.0
87.0	50.0	6.0	0.0	1.7	0.0	3.0	0.0	0.0	0.0	–	0.0	0.0	0.0
90.0	37.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	30.0	0.0	0.0	0.0	–	14.2	0.0	0.0	0.0	–	0.0	–	–
97.0	32.0	0.0	0.0	0.0	0.0	20.6	0.0	0.0	0.0	–	0.0	–	–
97.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
100.0	29.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	30.0	0.0	0.0	23.5	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	35.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	30.0	0.0	0.0	0.0	0.0	0.0	1.7	–	0.0	–	0.0	–	–
107.0	32.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	–	–
117.0	45.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	0.0	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	3.0	0.0	0.0	–	–

Scorpaenichthys marmoratus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	50.0	0.0	–	–	2.4	0.0	–	0.0	–	–	0.0	–	–
67.0	55.0	2.8	–	–	0.0	0.0	–	0.0	–	–	0.0	–	–
70.0	55.0	3.0	–	–	0.0	0.0	–	0.0	–	–	0.0	–	–
100.0	29.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Cyclopteridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	55.0	0.0	–	–	5.0	0.0	–	0.0	–	–	0.0	–	–
110.0	35.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	–	–

Oxylebius pictus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	55.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
97.0	30.0	2.1	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	2.7	–	–

Zaniolepis spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.9	0.0
87.0	45.0	–	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	2.2
90.0	45.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	28.0	–	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	35.0	2.7	0.0	0.0	0.0	2.8	0.0	–	0.0	–	0.0	–	–

Scorpaenidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
153.0	25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–

Scorpaena spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.3	–	–
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
110.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	–	–	–
113.0	35.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	–	–
120.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	–	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–

TABLE 4. (cont.)

Scorpaena spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	3.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	0.0	0.0	2.9	–	0.0	–	–
123.0	65.0	–	–	–	–	0.0	0.0	16.3	2.9	–	–	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	8.2	25.8	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	19.7	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	2.9	0.0	–	–	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.9	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	1.7	–	–	–	–

Sebastes spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
53.0	52.0	–	–	–	–	–	–	–	–	–	2.2	–	–
57.0	60.0	–	–	–	–	–	–	–	–	–	2.4	–	–
57.0	90.0	–	–	–	–	–	–	55.6	–	–	–	–	–
60.0	52.0	36.8	–	–	–	2.5	–	0.0	–	–	2.4	–	–
60.0	55.0	327.6	–	–	–	6.4	–	7.2	–	–	44.0	–	–
60.0	60.0	24.5	–	–	0.0	0.0	–	8.9	–	–	24.4	–	–
60.0	65.0	–	–	–	0.0	48.6	–	33.1	–	–	–	–	–
60.0	70.0	0.0	–	–	2.7	24.2	–	2.8	–	–	2.2	–	–
60.0	75.0	–	–	–	–	9.4	–	5.7	–	–	–	–	–
60.0	80.0	0.0	–	–	16.3	21.4	–	2.8	–	–	0.0	–	–
60.0	85.0	–	–	–	–	17.6	–	6.0	–	–	–	–	–
60.0	90.0	0.0	–	–	29.9	8.7	–	0.0	–	–	0.0	–	–
63.0	52.0	12.8	–	–	13.8	–	–	3.3	–	–	0.0	–	–
63.0	55.0	54.7	–	–	82.9	35.9	–	3.5	–	–	0.0	–	–
63.0	60.0	0.0	–	–	13.3	34.2	–	3.3	–	–	0.0	–	–
63.0	65.0	–	–	–	–	11.5	–	13.3	–	–	–	–	–
63.0	70.0	0.0	–	–	–	0.0	–	10.0	–	–	2.9	–	–
63.0	75.0	–	–	–	–	6.1	–	6.3	–	–	–	–	–
63.0	80.0	–	–	–	–	6.2	–	0.0	–	–	2.4	–	–
63.0	85.0	–	–	–	–	6.3	–	3.4	–	–	–	–	–
63.0	90.0	0.0	–	–	5.7	2.9	–	0.0	–	–	0.0	–	–
67.0	50.0	144.6	–	–	16.7	48.5	–	5.9	–	–	0.0	–	–
67.0	55.0	39.1	–	–	10.1	33.7	–	0.0	–	–	0.0	–	–
67.0	60.0	0.0	–	–	11.0	20.6	–	13.4	–	–	0.0	–	–
67.0	65.0	–	–	–	–	6.3	–	64.4	–	–	–	–	–
67.0	70.0	0.0	–	–	–	27.0	–	24.4	–	–	0.0	–	–
67.0	75.0	–	–	–	–	6.0	–	3.3	–	–	–	–	–
67.0	80.0	–	–	–	–	18.2	–	3.3	–	–	0.0	–	–
67.0	90.0	0.0	–	–	0.0	–	–	3.9	–	–	0.0	–	–

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	52.0	–	–	–	0.0	5.9	–	29.8	–	–	3.4	–	–
70.0	55.0	32.7	–	–	0.0	14.7	–	27.2	–	–	0.0	–	–
70.0	60.0	0.0	–	–	42.1	23.8	–	0.0	–	–	0.0	–	–
70.0	65.0	–	–	–	36.2	–	–	3.1	–	–	–	–	–
70.0	70.0	0.0	–	–	0.0	–	–	9.5	–	–	0.0	–	–
70.0	75.0	–	–	–	–	16.4	–	6.2	–	–	–	–	–
70.0	80.0	0.0	–	–	0.0	6.8	–	13.6	–	–	0.0	–	–
70.0	85.0	–	–	–	–	17.4	–	17.2	–	–	–	–	–
70.0	90.0	0.0	–	–	5.2	0.0	–	15.7	–	–	0.0	–	–
73.0	51.0	103.4	275.9	–	0.0	25.6	–	27.0	–	–	0.0	–	–
73.0	53.0	–	113.9	–	–	–	–	–	–	–	–	–	–
73.0	55.0	8.4	9.4	–	0.0	2.8	–	18.7	–	–	0.0	–	–
73.0	60.0	12.0	0.0	–	0.0	15.4	–	0.0	–	–	0.0	–	–
73.0	65.0	–	–	–	0.0	6.8	–	0.0	–	–	–	–	–
73.0	70.0	0.0	0.0	–	0.0	0.0	–	25.9	–	–	0.0	–	–
73.0	75.0	–	–	–	–	0.0	–	6.1	–	–	–	–	–
73.0	85.0	–	–	–	–	0.0	–	3.5	–	–	–	–	–
77.0	50.0	11.1	69.1	–	2.9	2.6	2.8	5.6	3.0	–	0.0	–	–
77.0	53.0	–	78.8	–	–	–	–	–	–	–	–	0.0	2.9
77.0	55.0	16.9	182.4	–	0.0	–	9.4	27.0	19.3	–	6.2	0.0	23.8
77.0	57.0	–	3.0	–	–	–	–	–	–	–	–	–	–
77.0	60.0	4.6	0.0	–	0.0	24.9	9.6	3.0	0.0	–	0.0	2.6	4.7
77.0	65.0	–	–	–	17.0	6.0	3.3	0.0	–	–	–	–	–
77.0	70.0	3.0	0.0	–	0.0	6.7	17.0	0.0	–	–	0.0	0.0	18.1
77.0	75.0	–	–	–	–	20.6	–	0.0	–	–	–	–	–
77.0	80.0	–	–	–	0.0	0.0	7.3	0.0	–	–	0.0	–	–
77.0	85.0	–	–	–	–	0.0	4.7	3.2	–	–	–	–	–
77.0	90.0	–	–	–	0.0	0.0	0.0	3.5	–	–	0.0	–	–
80.0	52.0	53.2	–	–	31.0	14.8	0.0	20.4	0.0	–	11.6	–	–
80.0	53.0	–	15.5	–	–	–	–	–	–	–	–	8.9	33.5
80.0	55.0	132.5	18.7	–	30.0	22.3	15.2	0.0	0.0	–	0.0	13.7	16.7
80.0	57.0	–	12.8	–	–	–	–	–	–	–	–	–	–
80.0	60.0	22.1	3.0	–	3.2	12.2	3.4	14.0	0.0	–	0.0	0.0	0.0
80.0	65.0	–	–	–	0.0	8.1	14.3	3.3	–	–	–	–	–
80.0	70.0	4.8	0.0	–	6.0	2.8	7.7	2.9	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	5.8	0.0	11.7	2.8	3.4	–	–	–	–
80.0	80.0	0.0	0.0	–	0.0	15.8	0.0	0.0	0.0	–	0.0	–	–
80.0	85.0	–	–	–	0.0	0.0	3.0	0.0	3.3	–	–	–	–
80.0	90.0	0.0	0.0	–	0.0	2.4	3.3	5.5	0.0	–	0.0	–	–
82.0	47.0	26.1	31.0	–	16.3	13.5	7.3	8.2	0.0	–	0.0	0.0	3.2
83.0	40.0	19.4	32.2	2.6	9.6	0.0	0.0	1.6	0.0	–	3.4	0.0	3.6
83.0	43.0	42.7	271.4	95.2	47.8	12.8	6.0	15.1	3.2	–	14.9	0.0	12.2
83.0	51.0	48.3	133.5	–	257.8	19.0	10.2	2.2	6.2	–	2.2	12.9	22.6
83.0	55.0	227.0	79.0	–	8.1	8.3	28.7	12.8	2.4	–	0.0	0.0	0.0
83.0	60.0	0.0	24.9	–	0.0	21.2	3.0	4.9	15.1	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	3.0	0.0	2.8	0.0	–	–	–	–

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	70.0	0.0	20.2	-	0.0	2.8	8.6	2.4	0.0	-	0.0	-	-
83.0	75.0	-	-	-	0.0	2.7	9.2	0.0	-	-	-	-	-
83.0	80.0	0.0	0.0	-	3.0	0.0	0.0	2.5	0.0	-	0.0	-	-
83.0	85.0	-	-	-	0.0	2.9	3.1	0.0	-	-	-	-	-
83.0	90.0	0.0	0.0	-	0.0	3.0	2.9	5.0	0.0	-	0.0	-	-
87.0	35.0	86.4	11.4	8.8	0.0	10.3	5.1	6.2	0.0	-	6.3	5.0	9.4
87.0	40.0	123.0	31.5	0.0	92.7	11.2	33.6	10.7	0.0	-	0.0	0.0	0.0
87.0	45.0	-	-	26.5	27.9	6.0	2.2	0.0	0.0	-	2.7	10.2	19.8
87.0	50.0	258.0	46.9	148.6	131.6	17.8	23.5	7.5	9.8	-	1.5	12.7	8.2
87.0	55.0	22.3	0.0	-	25.0	30.2	0.0	3.2	0.0	-	0.0	34.0	3.0
87.0	60.0	-	11.5	-	3.0	34.3	3.1	6.1	2.9	-	0.0	0.0	0.0
87.0	65.0	-	-	-	0.0	6.8	11.9	0.0	2.6	-	-	-	-
87.0	70.0	-	24.3	-	0.0	10.2	9.8	2.2	0.0	-	0.0	-	-
87.0	75.0	-	-	-	0.0	0.0	8.4	-	0.0	-	-	-	-
87.0	80.0	-	0.0	-	0.0	0.0	0.0	3.2	0.0	-	0.0	-	-
90.0	28.0	14.7	32.6	2.4	8.1	5.4	0.0	0.0	0.0	0.0	6.8	0.0	8.9
90.0	30.0	0.0	2.7	0.0	-	-	-	-	-	-	-	5.7	-
90.0	32.0	5.6	6.5	-	5.8	0.0	0.0	0.0	0.0	2.7	0.0	-	0.0
90.0	37.0	11.1	5.5	0.0	5.4	2.9	0.0	0.0	0.0	0.0	2.8	10.5	12.0
90.0	45.0	0.0	9.2	0.0	12.4	5.9	3.0	0.0	0.0	0.0	3.0	0.0	3.0
90.0	50.0	41.9	54.9	108.0	13.9	17.3	2.8	-	0.0	2.7	2.6	0.0	21.2
90.0	55.0	2.4	51.3	2.1	172.3	0.0	8.6	2.4	0.0	2.7	0.0	2.7	15.5
90.0	60.0	-	0.0	5.5	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	5.0
90.0	65.0	-	-	0.0	-	0.0	0.0	0.0	0.0	2.9	-	-	-
90.0	75.0	-	-	-	0.0	0.0	2.1	0.0	0.0	0.0	-	-	-
93.0	27.0	33.5	-	-	-	-	-	-	-	-	-	-	-
93.0	28.0	-	0.0	5.3	16.1	0.0	0.0	0.0	2.9	5.2	0.0	2.6	0.0
93.0	30.0	8.7	0.0	7.7	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
93.0	35.0	0.0	13.6	2.8	9.1	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
93.0	40.0	2.4	4.7	0.0	77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	45.0	0.0	3.0	5.8	101.9	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	3.0	8.5	8.8	66.7	51.3	16.7	0.0	0.0	0.0	0.0	5.6	0.0
93.0	55.0	0.0	5.9	0.0	34.0	7.2	2.4	0.0	0.0	0.0	0.0	9.2	0.0
93.0	60.0	0.0	4.6	0.0	0.0	2.8	2.8	5.6	0.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	13.9	0.0	0.0	0.0	0.0	0.0	-	-	-
93.0	70.0	0.0	-	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	75.0	-	-	-	0.0	0.0	0.0	0.0	0.0	2.7	-	-	-
93.0	80.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	90.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	-	-	0.0
97.0	30.0	6.4	0.0	0.0	-	0.0	0.0	10.7	16.6	-	7.8	-	-
97.0	32.0	4.9	8.1	0.0	0.0	2.9	0.0	13.8	0.0	-	0.0	-	-
97.0	35.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	40.0	0.0	0.0	5.2	0.0	2.8	3.6	0.0	0.0	-	0.0	-	-
97.0	45.0	0.0	38.7	0.0	5.8	74.2	0.0	0.0	0.0	-	0.0	-	-
97.0	50.0	0.0	2.7	5.5	0.0	32.3	0.0	0.0	0.0	-	0.0	-	-
97.0	55.0	0.0	0.0	3.1	-	3.0	0.0	-	0.0	-	0.0	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	60.0	0.0	0.0	0.0	22.2	0.0	2.7	0.0	0.0	-	0.0	-	-
97.0	75.0	-	-	-	0.0	0.0	0.0	2.9	0.0	-	-	-	-
97.0	90.0	0.0	0.0	-	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
100.0	29.0	24.5	14.0	19.4	2.7	3.2	2.8	0.0	2.9	-	0.0	-	-
100.0	30.0	7.3	4.6	5.2	26.6	3.0	0.0	0.0	0.0	-	3.0	-	-
100.0	35.0	13.3	0.0	0.0	2.7	3.0	0.0	0.0	0.0	-	0.0	-	-
100.0	40.0	-	0.0	0.0	0.0	36.2	0.0	0.0	0.0	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	0.0	20.8	2.8	0.0	0.0	-	0.0	-	-
103.0	30.0	3.6	25.9	124.0	10.2	2.7	1.7	-	4.2	-	0.0	-	-
103.0	35.0	2.7	6.9	0.0	5.5	8.6	0.0	-	0.0	-	0.0	-	-
103.0	40.0	2.8	0.0	0.0	7.7	0.0	0.0	-	0.0	-	0.0	-	-
103.0	45.0	0.0	0.0	0.0	2.4	12.5	0.0	0.0	0.0	-	0.0	-	-
103.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	-	0.0	-	-
107.0	32.0	13.4	3.0	49.1	91.9	5.5	5.6	0.0	0.0	-	0.0	-	-
107.0	35.0	0.0	4.0	12.8	0.0	0.0	3.2	2.8	0.0	-	0.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	-	0.0	-	-
107.0	70.0	0.0	-	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
110.0	33.0	5.9	30.2	35.0	93.8	19.9	2.5	2.8	2.5	0.0	0.0	-	-
110.0	35.0	2.7	22.1	0.0	30.5	8.2	0.0	0.0	0.0	0.0	0.0	-	-
110.0	40.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	45.0	0.0	2.7	0.0	5.1	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	75.0	-	-	-	0.0	0.0	0.0	2.8	0.0	-	-	-	-
113.0	30.0	2.6	23.1	26.0	0.0	5.7	0.0	-	0.0	0.0	0.0	-	-
113.0	35.0	0.0	9.3	10.8	17.0	0.0	5.5	0.0	0.0	0.0	0.0	-	-
113.0	40.0	-	77.5	0.0	61.1	0.0	2.8	0.0	0.0	0.0	0.0	-	-
113.0	45.0	0.0	2.5	0.0	0.0	2.6	2.7	0.0	0.0	-	0.0	-	-
113.0	50.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	-	0.0	-	-
115.0	27.0	-	-	-	-	-	-	-	-	2.6	-	-	-
117.0	26.0	7.8	2.7	15.4	0.0	0.0	0.0	2.4	3.0	2.7	2.8	-	-
117.0	30.0	0.0	5.2	31.1	7.3	0.0	10.5	10.1	0.0	0.0	0.0	-	-
117.0	35.0	0.0	11.3	80.1	111.2	39.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	40.0	16.5	0.0	82.1	29.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	45.0	0.0	0.0	0.0	5.2	5.8	0.0	0.0	0.0	-	0.0	-	-
117.0	50.0	0.0	0.0	0.0	33.4	0.0	2.6	0.0	0.0	-	0.0	-	-
117.0	55.0	0.0	2.8	0.0	13.4	3.0	0.0	0.0	0.0	-	0.0	-	-
117.0	60.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	-	0.0	-	-
117.0	65.0	-	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-	-	-	-
117.0	80.0	0.0	-	0.0	0.0	0.0	0.0	2.9	0.0	-	0.0	-	-
118.0	39.0	1.9	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
118.5	35.0	-	-	-	-	-	-	-	-	3.0	-	-	-
119.0	33.0	0.0	12.6	5.6	0.0	-	14.9	0.0	0.0	0.0	0.0	-	-
120.0	25.0	0.0	0.0	10.0	0.0	-	2.5	0.0	2.6	0.0	0.0	-	-
120.0	30.0	0.0	2.7	5.4	2.6	-	0.0	0.0	3.0	0.0	0.0	-	-
120.0	35.0	0.0	0.0	12.9	0.0	-	2.8	5.4	0.0	0.0	0.0	-	-
120.0	40.0	0.0	0.0	2.4	8.1	14.6	0.0	24.2	0.0	0.0	0.0	-	-
120.0	45.0	0.0	13.3	5.8	28.6	21.7	13.7	0.0	0.0	0.0	0.0	-	-

TABLE 4. (cont.)

Sebastes spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	50.0	4.2	17.3	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
120.0	55.0	2.5	0.0	3.1	19.7	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	3.0	0.0	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	–	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
120.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
121.2	34.0	–	–	–	–	–	–	–	–	8.8	–	–	–
123.0	37.0	0.0	21.4	18.8	–	37.8	13.1	3.9	3.0	0.0	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	32.6	0.0	0.0	0.0	0.0	–	–
123.0	45.0	0.0	0.0	0.0	–	0.0	11.8	0.0	–	0.0	0.0	–	–
123.0	50.0	–	0.0	6.5	–	0.0	8.6	2.8	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	2.8	0.0	0.0	–	0.0	–	–
127.0	34.0	2.3	2.9	69.2	–	40.3	0.0	0.0	0.0	0.0	0.0	–	–
127.0	40.0	0.0	0.0	12.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	8.5	2.6	2.8	0.0	0.0	0.0	–	–
130.0	30.0	0.0	2.2	8.7	4.3	2.9	2.4	0.0	0.0	0.0	4.8	–	–
130.0	35.0	0.0	2.9	44.3	2.7	7.7	0.0	6.3	0.0	0.0	0.0	–	–
130.0	40.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	–	–
130.0	45.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	–	–
130.0	55.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	–	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	–	0.0	0.0	–	–
133.0	30.0	0.0	0.0	0.0	34.0	5.3	0.0	0.0	0.0	0.0	0.0	–	–
133.0	35.0	0.0	0.0	0.0	2.8	52.4	0.0	0.0	0.0	–	0.0	–	–
133.0	40.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
134.0	36.0	0.0	0.0	5.9	42.8	–	0.0	0.0	0.0	0.0	0.0	–	–
137.0	30.0	0.0	0.0	14.8	74.0	0.0	0.0	0.0	–	0.0	0.0	–	–
137.0	35.0	0.0	0.0	2.9	18.1	0.0	0.0	0.0	0.0	–	0.0	–	–
140.0	30.0	0.0	–	–	19.7	–	–	–	0.0	–	–	–	–

Sebastolobus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	80.0	–	–	–	–	6.2	–	0.0	–	–	0.0	–	–
63.0	90.0	0.0	–	–	0.0	11.7	–	7.5	–	–	0.0	–	–
73.0	60.0	0.0	0.0	–	0.0	3.1	–	0.0	–	–	0.0	–	–
73.0	65.0	–	–	–	0.0	3.4	–	0.0	–	–	–	–	–
73.0	85.0	–	–	–	–	6.0	–	0.0	–	–	–	–	–
83.0	75.0	–	–	–	0.0	0.0	0.0	5.9	–	–	–	–	–
83.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	4.7	–	0.0	–	–
87.0	80.0	–	0.0	–	0.0	0.0	0.0	3.2	0.0	–	0.0	–	–
90.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0

TABLE 4. (cont.)

Prionotus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	–
120.0	30.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	–
120.7	26.0	–	–	–	–	–	–	–	–	1.8	–	–	–
121.3	30.0	–	–	–	–	–	–	–	–	2.6	–	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	4.5	2.7	0.0	–	–
130.0	30.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	227.5	25.6	21.6	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	6.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	595.6	267.8	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	523.2	61.7	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	32.7	37.8	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	32.5	–	–
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	–	0.0	–	–
140.0	30.0	4.7	–	–	0.0	–	–	–	136.4	–	–	–	–
140.0	35.0	0.0	–	–	0.0	–	–	–	17.4	–	–	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	117.3	–	–	–	–
143.0	30.0	0.0	–	–	0.0	–	–	–	1.3	–	–	–	–
147.0	25.0	2.0	–	–	0.0	–	–	–	0.0	–	–	–	–

Hypsoblennius spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	0.0	–	0.0	0.0	0.0	2.7	0.0	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	0.0	2.6	0.0	–	0.0	0.0	0.0
87.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	4.7	0.0	0.0
87.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	–	0.0	0.0	0.0
90.0	28.0	0.0	0.0	0.0	0.0	5.4	2.5	0.0	0.0	0.0	2.3	0.0	0.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
97.0	30.0	0.0	0.0	0.0	–	0.0	0.0	2.1	0.0	–	0.0	–	–
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	–	0.0	–	–
100.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	16.8	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	–	–
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	9.6	0.0	1.9	–	–
113.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	5.0	2.6	–	–
115.0	30.0	–	–	–	–	–	–	–	–	2.4	–	–	–
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	2.8	0.0	–	–
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	0.0	6.0	0.0	0.0	–	–
120.0	30.0	0.0	0.0	0.0	0.0	–	0.0	2.6	0.0	0.0	0.0	–	–

TABLE 4. (cont.)

Hypsoblennius spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	6.1	0.0	0.0	–	–
120.0	45.0	2.7	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	3.9	5.9	0.0	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.2	2.7	4.4	–	–
127.0	40.0	3.2	0.0	0.0	–	0.0	0.0	0.0	24.5	2.6	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	15.5	0.0	0.0	–	–
127.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	7.9	–	0.0	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.0	2.8	0.0	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	–	–
133.0	25.0	0.0	2.9	0.0	2.4	0.0	0.0	4.6	–	0.0	0.0	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	–	–
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	–	0.0	–	–
133.0	70.0	–	–	–	–	–	–	0.0	0.6	–	0.0	–	–
134.0	36.0	0.0	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	–	–
137.0	23.0	2.1	0.0	0.0	0.0	0.0	0.0	4.9	3.7	0.0	0.0	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	–	0.0	0.0	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	–	0.0	–	–
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	–	0.0	–	–

Clinidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
97.0	30.0	0.0	0.0	5.4	–	2.4	0.0	0.0	0.0	–	0.0	–	–
103.0	30.0	0.0	0.0	15.2	0.0	0.0	0.0	–	0.0	–	0.0	–	–
110.0	35.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	35.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	45.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	40.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	–	–
120.0	50.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
123.0	37.0	0.0	4.8	0.0	–	2.5	0.0	0.0	0.0	0.0	0.0	–	–
137.0	30.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	–	0.0	0.0	–	–

Gobiidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	2.9	–	–	0.0	0.0	–	0.0	–	–	0.0	–	–
73.0	90.0	–	–	–	0.0	0.0	–	0.0	–	–	2.3	–	–
77.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	0.0	–	0.0	0.0	6.0
77.0	60.0	0.0	0.0	–	0.0	0.0	0.0	11.8	0.0	–	0.0	0.0	2.4
77.0	70.0	0.0	0.0	–	0.0	0.0	2.4	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.
77.0	80.0	-	-	-	0.0	0.0	3.7	0.0	-	-	0.0	-	-
77.0	85.0	-	-	-	-	0.0	2.4	0.0	-	-	-	-	-
80.0	53.0	-	0.0	-	-	-	-	-	-	-	-	0.0	2.8
80.0	55.0	2.8	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	60.0	0.0	3.0	-	0.0	3.0	0.0	3.5	0.0	-	2.8	0.0	0.0
80.0	65.0	-	-	-	0.0	0.0	5.7	0.0	-	-	-	-	-
80.0	75.0	-	-	-	0.0	0.0	5.8	0.0	0.0	-	-	-	-
80.0	80.0	0.0	0.0	-	0.0	0.0	3.5	0.0	0.0	-	0.0	-	-
82.0	47.0	0.0	0.0	-	0.0	0.0	0.0	2.7	0.0	-	0.0	0.0	0.0
83.0	40.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	43.0	0.0	12.5	2.7	0.0	5.1	0.0	0.0	3.2	-	3.0	0.0	0.0
83.0	51.0	0.0	0.0	-	2.9	0.0	0.0	0.0	0.0	-	0.0	0.0	3.2
83.0	55.0	0.0	0.0	-	0.0	0.0	6.4	0.0	0.0	-	0.0	0.0	0.0
83.0	60.0	0.0	0.0	-	0.0	3.0	0.0	2.5	0.0	-	0.0	0.0	0.0
83.0	70.0	0.0	0.0	-	0.0	0.0	2.9	0.0	0.0	-	0.0	-	-
87.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	2.5	0.0
87.0	45.0	-	-	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	50.0	3.0	7.2	0.0	0.0	0.0	0.0	2.5	0.0	-	0.0	0.0	0.0
87.0	65.0	-	-	-	0.0	0.0	3.0	0.0	0.0	-	-	-	-
90.0	28.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	32.0	0.0	0.0	-	0.0	0.0	1.5	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0
90.0	55.0	0.0	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	60.0	-	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0
93.0	28.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0
93.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0
97.0	30.0	0.0	0.0	0.0	-	2.4	0.0	0.0	0.0	-	2.6	-	-
97.0	35.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	-	0.0	-	-
97.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
97.0	45.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0	-	-
100.0	29.0	0.0	0.0	0.0	0.0	3.2	0.0	5.5	2.9	-	0.0	-	-
100.0	30.0	0.0	0.0	0.0	0.0	3.0	0.0	3.0	5.8	-	0.0	-	-
100.0	40.0	-	0.0	0.0	0.0	0.0	3.5	0.0	0.0	-	0.0	-	-
103.0	30.0	0.0	0.0	0.0	2.0	0.0	0.0	-	1.4	-	0.0	-	-
103.0	45.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	-	0.0	-	-
107.0	32.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.3	-	-
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	-	-
110.0	35.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	-
113.0	35.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	-	-
113.0	40.0	-	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	2.8	-	-
113.0	45.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	-	0.0	-	-
113.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0	-	-
115.0	40.0	-	-	-	-	-	-	-	-	2.3	-	-	-
117.0	40.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	-	-
118.0	39.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	2.5	0.0	-	-

TABLE 4. (cont.)

Gobiidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.9	0.0	–	–
120.0	25.0	1.7	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	–
120.0	30.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.6	0.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
121.3	30.0	–	–	–	–	–	–	–	–	2.6	–	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	3.5	–	–
127.0	34.0	2.3	0.0	0.0	–	0.0	8.8	0.0	2.2	2.7	2.2	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	0.0	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.7	2.4	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	14.3	14.4	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	26.2	19.9	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	5.0	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.5	–	–
140.0	30.0	4.7	–	–	0.0	–	–	–	1.4	–	–	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	1.7	–	–	–	–
147.0	20.0	0.0	–	–	3.2	–	–	–	0.0	–	–	–	–
150.0	19.0	0.0	–	–	–	–	–	–	9.2	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	11.9	–	–	–	–
153.0	20.0	2.7	–	–	–	–	–	–	–	–	–	–	–
153.0	25.0	3.0	–	–	–	–	–	–	5.6	–	–	–	–
153.0	30.0	5.8	–	–	–	–	–	–	–	–	–	–	–
157.0	10.0	5.9	–	–	–	–	–	–	–	–	–	–	–

Icosteus aenigmaticus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	75.0	–	–	–	–	6.0	–	0.0	–	–	–	–	–
70.0	90.0	0.0	–	–	2.6	0.0	–	0.0	–	–	0.0	–	–

Labridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	55.0	0.0	0.0	–	0.0	–	0.0	0.0	3.2	–	0.0	0.0	3.0
80.0	55.0	0.0	0.0	–	0.0	0.0	0.0	9.6	0.0	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	3.2	2.6	0.0	–	0.0	0.0	0.0
87.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	1.6	0.0	0.0
87.0	40.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	–	0.0	0.0	0.0
87.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	–	0.0	0.0	0.0
87.0	65.0	–	–	–	0.0	0.0	17.8	0.0	0.0	–	–	–	–
90.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0

TABLE 4. (cont.)

Labridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	28.0	-	0.0	0.0	2.7	5.6	2.5	0.0	0.0	0.0	2.9	0.0	0.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	40.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	11.6	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	2.8	0.0	0.0	0.0	0.0	0.0	-	-	-
93.0	90.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	-	-	0.0
97.0	30.0	0.0	0.0	0.0	-	0.0	17.4	0.0	0.0	-	2.6	-	-
97.0	32.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0	-	-
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	-	0.0	-	-
97.0	45.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	55.0	0.0	0.0	0.0	-	0.0	2.9	-	0.0	-	0.0	-	-
97.0	60.0	0.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	75.0	-	-	-	0.0	0.0	0.0	2.9	0.0	-	-	-	-
97.0	85.0	-	-	-	0.0	0.0	0.0	3.0	0.0	-	-	-	-
97.0	90.0	0.0	0.0	-	0.0	0.0	0.0	8.3	0.0	-	0.0	-	-
100.0	29.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	2.9	-	2.8	-	-
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	-	0.0	-	-
100.0	40.0	-	0.0	0.0	0.0	26.3	0.0	0.0	0.0	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	0.0	3.0	2.8	2.8	0.0	-	0.0	-	-
100.0	85.0	-	-	-	0.0	0.0	0.0	3.3	0.0	-	-	-	-
100.0	90.0	0.0	0.0	-	0.0	3.3	0.0	0.0	0.0	-	0.0	-	-
103.0	30.0	0.0	0.0	0.0	0.0	0.0	1.7	-	4.2	-	0.0	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0	-	-
103.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	-	0.0	-	-
103.0	65.0	-	-	-	0.0	0.0	0.0	2.7	0.0	-	-	-	-
103.0	90.0	0.0	-	-	0.0	0.0	0.0	2.7	0.0	-	0.0	-	-
107.0	32.0	0.0	0.0	0.0	0.0	0.0	2.8	2.8	3.3	-	0.0	-	-
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	9.0	-	0.0	-	-
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	-	-
110.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	-	-
110.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.6	-	-
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	-	4.8	2.1	0.0	-	-
113.0	35.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	2.5	0.0	-	-
113.0	45.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	-	0.0	-	-
113.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0	-	-
113.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0	-	-
113.0	65.0	-	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	-	-	-
113.0	85.0	-	-	-	0.0	0.0	0.0	3.0	-	-	-	-	-
115.0	27.0	-	-	-	-	-	-	-	-	2.6	-	-	-
117.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	-
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	5.7	0.0	-	-
117.0	40.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	-	-
117.0	45.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	-	0.0	-	-
117.0	50.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.0	-	0.0	-	-

TABLE 4. (cont.)

Labridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	70.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	2.5	0.0	–	–
120.0	25.0	0.0	0.0	0.0	0.0	–	0.0	0.0	7.9	0.0	0.0	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.7	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	2.8	16.3	2.5	–	–
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	–
120.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	–	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
120.7	26.0	–	–	–	–	–	–	–	–	1.8	–	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	4.4	0.0	0.0	0.0	3.5	–	–
123.0	50.0	–	0.0	0.0	–	0.0	2.9	0.0	0.0	–	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	15.7	10.8	2.2	–	–
127.0	40.0	3.2	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
127.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	2.6	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	2.9	2.8	–	0.0	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	14.3	0.0	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	5.8	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	–	–
133.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
133.0	70.0	–	–	–	–	–	–	2.8	0.0	–	0.0	–	–
134.0	36.0	0.0	0.0	0.0	0.0	–	0.0	0.0	2.3	0.0	71.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	6.0	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	–	3.0	2.5	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	–	0.0	–	–
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	–	0.0	–	–
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
140.0	40.0	0.0	–	–	0.0	–	–	–	0.6	–	–	–	–
140.0	45.0	2.5	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	35.0	2.6	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	20.0	0.0	–	–	0.0	–	–	–	1.5	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	2.2	–	–	–	–
147.0	55.0	0.0	–	–	0.0	–	–	–	1.5	–	–	–	–
150.0	19.0	0.0	–	–	–	–	–	–	2.6	–	–	–	–

Pomacentridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.6	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.5	0.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.3	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	31.5	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.7	–	–

TABLE 4. (cont.)

Pomacentridae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	2.9	0.0	–	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	0.0	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	5.1	–	–	–	–
143.0	30.0	0.0	–	–	0.0	–	–	–	2.7	–	–	–	–
147.0	30.0	0.0	–	–	0.0	–	–	–	4.0	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	5.6	–	–	–	–
150.0	30.0	0.0	–	–	–	–	–	–	6.0	–	–	–	–
150.0	35.0	0.0	–	–	–	–	–	–	1.3	–	–	–	–
150.0	50.0	0.0	–	–	–	–	–	–	1.1	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	15.3	–	–	–	–
153.0	25.0	0.0	–	–	–	–	–	–	13.2	–	–	–	–
157.0	30.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0	45.0	2.6	–	–	–	–	–	–	–	–	–	–	–

Chromis punctipinnis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	0.0	0.0	0.0	2.2	0.0	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	0.0	2.6	0.0	–	0.0	0.0	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	–	0.0	–	–
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	–	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	3.0	0.0	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	10.3	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.7	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	–	–
133.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	–	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–

Hypsypops rubicundus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	30.0	0.0	0.0	0.0	–	0.0	0.0	4.3	0.0	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Mugil spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	30.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.6	0.0	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.5	–	–
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	–	0.0	–	–
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
140.0	30.0	0.0	–	–	2.8	–	–	–	0.0	–	–	–	–
140.0	35.0	0.0	–	–	0.0	–	–	–	4.4	–	–	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	5.1	–	–	–	–
147.0	20.0	0.0	–	–	0.0	–	–	–	1.5	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	2.2	–	–	–	–

Apogonidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	120.0	–	–	–	–	2.9	–	–	–	–	–	–	–
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
127.0	40.0	3.2	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	–	2.8	–	–
130.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–

Brama spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	75.0	–	–	–	0.0	0.0	0.0	0.0	0.0	2.7	–	–	–
93.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	–	0.0
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
97.0	80.0	0.0	0.0	–	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	3.3	–	–
100.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
103.0	80.0	2.7	–	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	40.0	–	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	–
113.0	90.0	0.0	–	–	0.0	0.0	0.0	2.9	–	–	0.0	–	–

Carangidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	–	0.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	7.9	0.0	0.0	3.5	–	–
123.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.5	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	2.9	–	0.0	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	0.0	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	5.8	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	–	–

TABLE 4. (cont.)

Carangidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.8	52.3	9.9	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	50.5	0.0	–	–
140.0	30.0	0.0	–	–	0.0	–	–	–	1.4	–	–	–	–
140.0	35.0	0.0	–	–	0.0	–	–	–	26.2	–	–	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	27.2	–	–	–	–
143.0	30.0	0.0	–	–	0.0	–	–	–	5.4	–	–	–	–
147.0	20.0	0.0	–	–	0.0	–	–	–	12.0	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	6.5	–	–	–	–
147.0	35.0	0.0	–	–	0.0	–	–	–	3.3	–	–	–	–
147.0	55.0	2.5	–	–	0.0	–	–	–	0.0	–	–	–	–
150.0	19.0	0.0	–	–	–	–	–	–	1.3	–	–	–	–
150.0	45.0	0.0	–	–	–	–	–	–	3.2	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	25.5	–	–	–	–

Seriola spp.

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

Seriola lalandi

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	1.4	–	0.0	–	–
103.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.9	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.6	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	–	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.5	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
117.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	0.0	14.3	0.0	–	–	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.8	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	6.6	–	–	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	–	0.0	–	–
120.0	75.0	–	–	–	0.0	–	0.0	3.1	0.0	–	–	–	–
123.0	50.0	–	0.0	0.0	–	3.0	0.0	0.0	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	0.0	2.5	0.0	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	5.6	2.4	0.0	0.0	–	0.0	–	–
123.0	65.0	–	–	–	–	0.0	0.0	2.7	0.0	–	–	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	2.7	0.0	–	0.0	–	–

TABLE 4. (cont.)

Seriola lalandi (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	11.2	0.0	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	2.6	0.0	0.0	0.0	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	0.0	0.0	2.8	0.0	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	2.6	0.0	0.0	0.0	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	3.1	–	–	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	–	–
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	–
130.0	55.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	–	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	0.0	–	–
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
143.0	50.0	0.0	–	–	0.0	–	–	–	1.4	–	–	–	–

Trachurus symmetricus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	90.0	–	–	–	–	–	–	3.1	–	–	–	–	–
60.0	65.0	–	–	–	0.0	0.0	–	6.0	–	–	–	–	–
60.0	75.0	–	–	–	–	1.9	–	120.1	–	–	–	–	–
60.0	80.0	0.0	–	–	5.4	0.0	–	2.8	–	–	0.0	–	–
60.0	85.0	–	–	–	–	0.0	–	9.0	–	–	–	–	–
60.0	90.0	0.0	–	–	23.2	17.5	–	12.4	–	–	0.0	–	–
63.0	60.0	0.0	–	–	0.0	5.7	–	6.7	–	–	0.0	–	–
63.0	65.0	–	–	–	–	0.0	–	10.0	–	–	–	–	–
63.0	70.0	0.0	–	–	–	0.0	–	16.6	–	–	0.0	–	–
63.0	75.0	–	–	–	–	0.0	–	3.2	–	–	–	–	–
63.0	80.0	–	–	–	–	6.2	–	3.3	–	–	0.0	–	–
63.0	85.0	–	–	–	–	0.0	–	16.9	–	–	–	–	–
63.0	90.0	0.0	–	–	0.0	8.8	–	15.0	–	–	0.0	–	–
67.0	50.0	0.0	–	–	0.0	0.0	–	11.8	–	–	0.0	–	–
67.0	55.0	0.0	–	–	0.0	0.0	–	3.1	–	–	0.0	–	–
67.0	60.0	0.0	–	–	0.0	0.0	–	6.7	–	–	0.0	–	–
67.0	65.0	–	–	–	–	0.0	–	3.8	–	–	–	–	–
67.0	70.0	0.0	–	–	–	5.4	–	14.0	–	–	0.0	–	–
67.0	75.0	–	–	–	–	0.0	–	23.0	–	–	–	–	–
67.0	80.0	–	–	–	–	27.4	–	0.0	–	–	0.0	–	–
67.0	85.0	–	–	–	–	–	–	27.2	–	–	–	–	–
67.0	90.0	0.0	–	–	36.1	–	–	42.9	–	–	0.0	–	–
70.0	55.0	0.0	–	–	3.5	0.0	–	0.0	–	–	0.0	–	–
70.0	70.0	0.0	–	–	0.0	–	–	9.5	–	–	0.0	–	–
70.0	75.0	–	–	–	–	2.7	–	6.2	–	–	–	–	–
70.0	80.0	0.0	–	–	7.9	0.0	–	27.2	–	–	0.0	–	–
70.0	85.0	–	–	–	–	3.5	–	24.1	–	–	–	–	–
70.0	90.0	0.0	–	–	34.1	5.6	–	43.8	–	–	0.0	–	–

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	55.0	0.0	0.0	-	5.6	0.0	-	0.0	-	-	0.0	-	-
73.0	60.0	0.0	0.0	-	2.9	12.3	-	0.0	-	-	0.0	-	-
73.0	65.0	-	-	-	5.7	0.0	-	0.0	-	-	-	-	-
73.0	70.0	0.0	0.0	-	9.5	0.0	-	6.5	-	-	0.0	-	-
73.0	75.0	-	-	-	-	0.0	-	24.4	-	-	-	-	-
73.0	80.0	-	-	-	0.0	3.0	-	0.0	-	-	0.0	-	-
73.0	85.0	-	-	-	-	6.0	-	0.0	-	-	-	-	-
73.0	90.0	-	-	-	0.0	8.8	-	12.9	-	-	0.0	-	-
77.0	55.0	0.0	0.0	-	12.2	-	15.7	0.0	0.0	-	0.0	0.0	0.0
77.0	60.0	0.0	0.0	-	8.7	2.8	83.5	0.0	0.0	-	0.0	0.0	0.0
77.0	65.0	-	-	-	8.5	0.0	60.3	0.0	-	-	-	-	-
77.0	70.0	0.0	0.0	-	2.7	50.3	26.7	0.0	-	-	0.0	0.0	0.0
77.0	75.0	-	-	-	-	26.6	-	32.7	-	-	-	-	-
77.0	80.0	-	-	-	0.0	0.0	0.0	27.6	-	-	0.0	-	-
77.0	85.0	-	-	-	-	0.0	45.0	15.9	-	-	-	-	-
80.0	55.0	0.0	0.0	-	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	60.0	0.0	0.0	-	3.2	6.1	0.0	28.0	3.2	-	0.0	0.0	0.0
80.0	65.0	-	-	-	15.3	8.1	0.0	3.3	-	-	-	-	-
80.0	70.0	0.0	0.0	-	12.0	16.7	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	75.0	-	-	-	8.7	5.7	2.9	8.3	0.0	-	-	-	-
80.0	80.0	0.0	0.0	-	0.0	94.8	0.0	0.0	0.0	-	0.0	-	-
80.0	85.0	-	-	-	0.0	55.9	6.1	0.0	3.3	-	-	-	-
80.0	90.0	0.0	0.0	-	0.0	12.1	68.7	0.0	0.0	-	0.0	-	-
80.0	100.0	-	-	-	-	51.7	-	-	-	-	-	-	-
80.0	110.0	-	-	-	-	24.5	-	-	-	-	-	-	-
80.0	120.0	-	-	-	-	43.5	-	-	-	-	-	-	-
80.0	130.0	-	-	-	-	2.8	-	-	-	-	-	-	-
82.0	47.0	0.0	0.0	-	0.0	0.0	0.0	2.7	0.0	-	0.0	0.0	0.0
83.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	-	0.0	0.0	0.0
83.0	51.0	0.0	0.0	-	0.0	2.4	0.0	2.2	0.0	-	0.0	0.0	0.0
83.0	55.0	0.0	0.0	-	0.0	0.0	3.2	0.0	0.0	-	0.0	0.0	0.0
83.0	60.0	0.0	0.0	-	5.7	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	65.0	-	-	-	0.0	32.5	5.9	0.0	0.0	-	-	-	-
83.0	70.0	0.0	0.0	-	0.0	30.3	14.4	0.0	0.0	-	0.0	-	-
83.0	75.0	-	-	-	5.6	65.5	0.0	0.0	-	-	-	-	-
83.0	80.0	0.0	2.9	-	0.0	0.0	5.8	0.0	0.0	-	0.0	-	-
83.0	85.0	-	-	-	44.4	105.8	0.0	0.0	-	-	-	-	-
83.0	90.0	0.0	0.0	-	9.5	3.0	0.0	2.5	0.0	-	0.0	-	-
87.0	35.0	0.0	0.0	0.0	3.0	5.2	10.2	0.0	0.0	-	0.0	0.0	0.0
87.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	50.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	-	0.0	0.0	0.0
87.0	55.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	42.5	0.0
87.0	60.0	-	0.0	-	9.1	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	65.0	-	-	-	6.0	0.0	8.9	0.0	0.0	-	-	-	-
87.0	75.0	-	-	-	11.6	0.0	0.0	-	3.3	-	-	-	-
87.0	80.0	-	0.0	-	3.0	2.8	18.4	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.
87.0	85.0	-	-	-	11.9	5.9	0.0	0.0	0.0	-	-	-	-
87.0	90.0	-	0.0	-	79.5	17.8	0.0	0.0	0.0	-	0.0	-	-
90.0	45.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0	50.0	0.0	0.0	0.0	0.0	0.0	22.6	-	2.8	0.0	0.0	0.0	0.0
90.0	60.0	-	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	-	-	0.0	-	0.0	0.0	3.2	0.0	0.0	-	-	-
90.0	70.0	-	0.0	0.0	168.2	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
90.0	75.0	-	-	-	56.2	33.8	2.1	0.0	0.0	0.0	-	-	-
90.0	80.0	-	0.0	2.6	5.8	33.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0
90.0	85.0	-	-	-	0.0	18.6	-	3.0	0.0	0.0	-	-	-
90.0	90.0	-	0.0	0.0	0.0	5.7	-	0.0	0.0	2.6	0.0	-	0.0
90.0	100.0	-	-	-	-	8.3	-	-	-	0.0	-	-	0.0
90.0	110.0	-	-	-	-	11.6	-	-	-	0.0	-	-	-
90.0	120.0	-	-	-	-	17.5	-	-	-	0.0	-	-	-
93.0	28.0	-	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	40.0	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0
93.0	45.0	0.0	0.0	2.9	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	2.9	17.4	2.8	20.0	0.0	0.0	2.7	0.0	0.0	0.0
93.0	55.0	0.0	0.0	3.4	11.3	0.0	9.6	0.0	0.0	0.0	0.0	3.1	0.0
93.0	60.0	0.0	0.0	0.0	0.0	8.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	-	-	-	30.6	0.0	0.0	2.8	0.0	0.0	-	-	-
93.0	70.0	0.0	-	2.3	45.1	0.0	6.0	0.0	0.0	0.0	6.6	0.0	0.0
93.0	75.0	-	-	-	46.1	0.0	0.0	2.7	0.0	2.7	-	-	-
93.0	80.0	0.0	0.0	0.0	14.3	78.6	12.9	0.0	0.0	0.0	0.0	0.0	0.0
93.0	85.0	-	-	-	2.9	28.1	24.9	3.0	0.0	0.0	-	-	-
93.0	90.0	0.0	0.0	0.0	5.8	3.1	7.6	0.0	0.0	0.0	-	-	0.0
97.0	32.0	0.0	0.0	0.0	0.0	0.0	3.0	2.8	0.0	-	0.0	-	-
97.0	40.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	45.0	0.0	0.0	2.8	11.5	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	50.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	55.0	0.0	0.0	0.0	-	0.0	2.9	-	0.0	-	0.0	-	-
97.0	60.0	0.0	0.0	2.7	27.8	0.0	21.8	0.0	0.0	-	0.0	-	-
97.0	65.0	-	-	-	0.0	17.0	45.7	8.9	0.0	-	-	-	-
97.0	70.0	0.0	0.0	-	11.3	11.8	16.1	24.9	0.0	-	0.0	-	-
97.0	75.0	-	-	-	24.3	6.2	21.4	5.7	0.0	-	-	-	-
97.0	80.0	0.0	0.0	-	0.0	20.5	23.5	8.4	0.0	-	0.0	-	-
97.0	85.0	-	-	-	0.0	16.9	7.0	0.0	0.0	-	-	-	-
97.0	90.0	0.0	0.0	-	0.0	5.8	2.6	0.0	0.0	-	0.0	-	-
100.0	29.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	-	0.0	-	-
100.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0	-	-
100.0	40.0	-	0.0	2.6	0.0	72.4	0.0	0.0	0.0	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	0.0	3.0	2.8	0.0	0.0	-	0.0	-	-
100.0	50.0	0.0	0.0	0.0	0.0	12.2	0.0	2.8	0.0	-	0.0	-	-
100.0	55.0	-	0.0	0.0	2.7	28.8	0.0	17.4	0.0	-	0.0	-	-
100.0	60.0	0.0	3.6	0.0	0.0	37.3	6.1	5.8	0.0	-	0.0	-	-

TABLE 4. (cont.)

Trachurus symmetricus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	65.0	–	–	–	2.8	2.7	9.1	–	0.0	–	–	–	–
100.0	70.0	0.0	0.0	–	2.8	0.0	3.0	0.0	3.2	–	0.0	–	–
100.0	75.0	–	–	–	5.7	42.3	29.8	3.3	0.0	–	–	–	–
100.0	80.0	0.0	0.0	–	0.0	2.8	3.3	3.1	0.0	–	0.0	–	–
100.0	85.0	–	–	–	0.0	0.0	26.0	0.0	0.0	–	–	–	–
100.0	90.0	0.0	0.0	–	0.0	9.9	0.0	0.0	0.0	–	0.0	–	–
103.0	30.0	0.0	0.0	0.0	0.0	5.5	0.0	–	0.0	–	0.0	–	–
103.0	35.0	0.0	0.0	0.0	0.0	5.7	0.0	–	1.4	–	0.0	–	–
103.0	45.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0	–	–
103.0	50.0	0.0	0.0	0.0	0.0	18.6	2.8	0.0	0.0	–	0.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	17.0	2.8	0.0	0.0	–	0.0	–	–
103.0	60.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	65.0	–	–	–	0.0	0.0	19.8	0.0	0.0	–	–	–	–
103.0	70.0	0.0	0.0	0.0	0.0	5.9	5.8	0.0	0.0	–	0.0	–	–
103.0	75.0	–	–	–	0.0	0.0	6.1	0.0	0.0	–	–	–	–
103.0	80.0	0.0	–	0.0	0.0	0.0	6.0	0.0	0.0	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	–	–
107.0	45.0	0.0	0.0	0.0	6.5	2.5	0.0	0.0	0.0	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
107.0	70.0	0.0	–	0.0	0.0	0.0	2.6	2.8	0.0	–	0.0	–	–
107.0	80.0	0.0	–	0.0	0.0	0.0	5.3	0.0	3.0	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	–
110.0	40.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	–	–
110.0	45.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	–	0.0	–	–
110.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	–	0.0	–	–
110.0	60.0	0.0	0.0	0.0	2.7	0.0	0.0	2.7	6.3	–	0.0	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	–	0.0	–	–
110.0	75.0	–	–	–	0.0	0.0	0.0	5.5	0.0	–	–	–	–
113.0	45.0	0.0	0.0	0.0	5.1	0.0	0.0	2.8	0.0	–	0.0	–	–
113.0	50.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	55.0	0.0	0.0	0.0	2.3	0.0	2.7	3.0	0.0	–	0.0	–	–
115.0	30.0	–	–	–	–	–	–	–	–	2.4	–	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	5.9	0.0	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.8	–	0.0	–	–

Coryphaena hippurus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	0.0	0.0	2.5	–	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	1.4	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	2.9	–	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.6	0.0	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	0.0	0.0	0.0	3.2	–	0.0	–	–

TABLE 4. (cont.)

Coryphaena hippurus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	-	-
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	8.6	0.0	-	-
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	-	-
133.0	60.0	0.0	-	-	0.0	-	-	0.0	1.7	-	0.0	-	-
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	-	-
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	0.0	-	-
140.0	45.0	0.0	-	-	0.0	-	-	-	3.6	-	-	-	-
143.0	45.0	0.0	-	-	0.0	-	-	-	1.7	-	-	-	-
143.0	50.0	0.0	-	-	0.0	-	-	-	2.8	-	-	-	-
143.0	55.0	2.2	-	-	0.0	-	-	-	0.0	-	-	-	-
147.0	35.0	3.0	-	-	0.0	-	-	-	1.6	-	-	-	-
147.0	45.0	0.0	-	-	0.0	-	-	-	1.3	-	-	-	-
147.0	55.0	0.0	-	-	0.0	-	-	-	1.5	-	-	-	-
147.0	60.0	0.0	-	-	0.0	-	-	-	1.0	-	-	-	-
150.0	19.0	0.0	-	-	-	-	-	-	1.3	-	-	-	-
150.0	30.0	0.0	-	-	-	-	-	-	3.0	-	-	-	-
150.0	35.0	0.0	-	-	-	-	-	-	1.3	-	-	-	-
150.0	40.0	0.0	-	-	-	-	-	-	1.6	-	-	-	-
153.0	16.0	0.0	-	-	-	-	-	-	1.7	-	-	-	-
153.0	25.0	0.0	-	-	-	-	-	-	9.4	-	-	-	-
157.0	20.0	2.5	-	-	-	-	-	-	-	-	-	-	-

Gerreidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	17.1	0.0	-	-
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	-	-
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	0.0	-	-
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	39.2	0.0	-	-
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	11.9	0.0	-	-
140.0	30.0	0.0	-	-	0.0	-	-	-	1.4	-	-	-	-

Haemulidae

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	0.0	0.0	0.0	2.9	-	0.0	-	-
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	0.0	-	-
127.0	34.0	0.0	0.0	0.0	-	0.0	0.0	0.0	26.9	0.0	0.0	-	-
127.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	21.8	0.0	0.0	-	-
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.3	0.0	0.0	-	-
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	-	-
133.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-	0.0	-	-
134.0	36.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.8	0.0	0.0	-	-
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	-	-

TABLE 4. (cont.)

Haemulidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	0.0	-	-
140.0	35.0	0.0	-	-	0.0	-	-	-	2.2	-	-	-	-

Girella nigricans

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	37.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	1.8	-	-
127.0	34.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	4.4	-	-

Medialuna californiensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0	-	-

Caulolatilus princeps

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	0.0	0.0	-	-
123.0	55.0	-	0.0	0.0	-	0.0	0.0	0.0	2.8	-	0.0	-	-
127.0	34.0	2.3	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	0.0	-	-
127.0	65.0	-	-	-	-	0.0	0.0	0.0	3.1	-	-	-	-
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	-	0.0	-	-
133.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	-	0.0	-	-
137.0	23.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
137.0	30.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-
137.0	35.0	0.0	0.0	0.0	2.3	0.0	0.0	2.4	0.0	-	0.0	-	-

Mullidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	37.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.6	0.0	-	-
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	-
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.1	6.0	-	-
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	2.5	-	-

Priacanthidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	-	-

TABLE 4. (cont.)

Sciaenidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	28.9	-	-	-	0.0	-	0.0	-	-	0.0	-	-
60.0	55.0	2.6	-	-	-	0.0	-	0.0	-	-	0.0	-	-
67.0	50.0	7.4	-	-	0.0	0.0	-	0.0	-	-	0.0	-	-
77.0	55.0	0.0	9.6	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	52.0	12.1	-	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
80.0	55.0	0.0	0.0	-	0.0	0.0	0.0	3.2	0.0	-	0.0	0.0	0.0
80.0	75.0	-	-	-	0.0	0.0	2.9	0.0	0.0	-	-	-	-
82.0	47.0	40.6	101.5	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	40.0	58.2	57.5	1.7	0.0	0.0	0.0	0.0	0.0	-	0.0	2.3	3.6
83.0	43.0	2.5	46.8	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	35.0	16.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	70.0	-	0.0	-	3.0	0.0	0.0	0.0	0.0	-	0.0	-	-
90.0	28.0	5.9	19.6	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
93.0	28.0	-	0.0	0.0	16.1	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0
93.0	55.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	30.0	2.1	0.0	2.7	-	0.0	0.0	2.1	0.0	-	0.0	-	-
100.0	29.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	30.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
103.0	30.0	0.0	11.5	0.0	0.0	0.0	0.0	-	0.0	-	0.0	-	-
103.0	35.0	0.0	2.3	0.0	0.0	2.8	0.0	-	0.0	-	0.0	-	-
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	6.7	-	0.0	-	-
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0	-	-
107.0	75.0	-	-	-	0.0	0.0	0.0	0.0	3.0	-	-	-	-
110.0	45.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
113.0	30.0	0.0	2.6	0.0	0.0	0.0	0.0	-	2.4	0.0	0.0	-	-
119.0	33.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	2.9	0.0	-	-
120.0	25.0	0.0	0.0	0.0	0.0	-	1.6	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	2.8	2.7	0.0	-	-
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	0.0	-	-
123.0	37.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	10.3	0.0	-	-
123.0	42.0	0.0	0.0	0.0	-	0.0	3.0	0.0	0.0	0.0	0.0	-	-
127.0	34.0	0.0	0.0	0.0	-	0.0	0.0	0.0	49.3	0.0	0.0	-	-
127.0	40.0	0.0	0.0	0.0	-	0.0	0.0	0.0	2.7	2.6	0.0	-	-
127.0	45.0	0.0	0.0	0.0	-	0.0	5.3	0.0	2.6	0.0	0.0	-	-
127.0	50.0	0.0	0.0	0.0	-	0.0	0.0	0.0	3.2	-	0.0	-	-
130.0	30.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	-	-
130.0	55.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	-	0.0	-	-
130.0	60.0	0.0	0.0	0.0	0.0	0.0	23.7	0.0	0.0	-	0.0	-	-
130.0	65.0	-	-	-	-	-	5.7	0.0	0.0	-	-	-	-
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.3	0.0	-	-
137.0	23.0	6.3	0.0	0.0	0.0	0.0	0.0	4.9	11.0	21.8	2.0	-	-
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	-	0.0	2.5	-	-
140.0	30.0	0.0	-	-	0.0	-	-	-	2.7	-	-	-	-
143.0	26.0	0.0	-	-	0.0	-	-	-	18.7	-	-	-	-

TABLE 4. (cont.)

Sciaenidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	30.0	0.0	–	–	0.0	–	–	–	5.4	–	–	–	–
147.0	25.0	2.0	–	–	0.0	–	–	–	0.0	–	–	–	–

Serranidae

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	3.2	0.0	–	0.0	0.0	0.0
90.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	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	5.9	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
107.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	–	–	–	–
107.0	65.0	–	–	–	0.0	0.0	0.0	8.8	0.0	–	–	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
117.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	–	0.0	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
120.0	30.0	0.0	0.0	0.0	0.0	–	0.0	2.6	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	2.7	0.0	–	–
120.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	–	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	3.0	5.1	7.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	0.0	0.0	2.9	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	2.8	–	0.0	–	–
123.0	65.0	–	–	–	–	0.0	0.0	2.7	0.0	–	–	–	–
127.0	34.0	2.3	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	15.4	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	0.0	–	–
127.0	55.0	–	0.0	0.0	–	0.0	0.0	2.8	0.0	–	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.8	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	6.2	–	–	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	61.5	14.3	4.8	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	–	–
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	–	–
130.0	70.0	–	–	–	–	–	2.9	0.0	0.0	–	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	17.1	17.3	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	62.7	0.0	0.0	–	–
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	2.8	–	–
133.0	55.0	0.0	–	–	0.0	–	–	0.0	0.0	–	2.5	–	–
133.0	70.0	–	–	–	–	–	–	0.0	0.6	–	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.3	37.1	61.7	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	23.8	100.8	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	20.0	–	–
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	–	5.5	–	–
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
140.0	30.0	0.0	–	–	0.0	–	–	–	4.1	–	–	–	–
140.0	35.0	0.0	–	–	0.0	–	–	–	8.7	–	–	–	–
140.0	40.0	0.0	–	–	0.0	–	–	–	0.6	–	–	–	–

TABLE 4. (cont.)

Serranidae (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0 26.0	0.0	–	–	0.0	–	–	–	90.1	–	–	–	–
143.0 30.0	0.0	–	–	0.0	–	–	–	22.8	–	–	–	–
143.0 50.0	0.0	–	–	0.0	–	–	–	4.2	–	–	–	–
147.0 20.0	0.0	–	–	0.0	–	–	–	4.5	–	–	–	–
147.0 25.0	0.0	–	–	0.0	–	–	–	28.1	–	–	–	–
147.0 35.0	0.0	–	–	0.0	–	–	–	1.6	–	–	–	–
147.0 45.0	0.0	–	–	0.0	–	–	–	2.5	–	–	–	–
150.0 19.0	0.0	–	–	–	–	–	–	15.8	–	–	–	–
150.0 25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
150.0 35.0	0.0	–	–	–	–	–	–	1.3	–	–	–	–
150.0 40.0	0.0	–	–	–	–	–	–	4.7	–	–	–	–
153.0 16.0	0.0	–	–	–	–	–	–	1.7	–	–	–	–
153.0 35.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0 10.0	3.0	–	–	–	–	–	–	–	–	–	–	–
157.0 25.0	2.3	–	–	–	–	–	–	–	–	–	–	–
157.0 30.0	2.3	–	–	–	–	–	–	–	–	–	–	–

Gempylidae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
90.0 145.0	–	–	–	–	2.8	–	–	–	–	–	–	–
140.0 55.0	1.9	–	–	0.0	–	–	–	0.0	–	–	–	–
150.0 40.0	0.0	–	–	–	–	–	–	1.6	–	–	–	–
153.0 25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–

Scombridae

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0 35.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	–	–
133.0 35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
134.0 36.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	16.8	0.0	–	–

Auxis spp.

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0 65.0	–	–	–	–	0.0	0.0	0.0	2.9	–	–	–	–
130.0 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.7	0.0	0.0	–	–
133.0 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	86.9	0.0	0.0	–	–
137.0 30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	23.8	0.0	–	–
137.0 40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	–	0.0	–	–
137.0 45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	–	0.0	–	–
140.0 40.0	0.0	–	–	0.0	–	–	–	24.5	–	–	–	–
140.0 45.0	0.0	–	–	0.0	–	–	–	54.3	–	–	–	–

TABLE 4. (cont.)

Auxis spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	35.0	0.0	–	–	0.0	–	–	–	2.3	–	–	–	–
143.0	45.0	0.0	–	–	0.0	–	–	–	36.5	–	–	–	–
143.0	50.0	0.0	–	–	0.0	–	–	–	70.5	–	–	–	–
143.0	55.0	0.0	–	–	0.0	–	–	–	4.6	–	–	–	–
147.0	20.0	0.0	–	–	0.0	–	–	–	10.5	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	8.6	–	–	–	–
147.0	50.0	0.0	–	–	0.0	–	–	–	1.9	–	–	–	–
147.0	55.0	0.0	–	–	0.0	–	–	–	1.5	–	–	–	–
150.0	19.0	0.0	–	–	–	–	–	–	2.6	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	3.7	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	1.7	–	–	–	–
157.0	10.0	14.9	–	–	–	–	–	–	–	–	–	–	–

Euthynnus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	20.0	0.0	–	–	0.0	–	–	–	1.5	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	2.2	–	–	–	–
150.0	19.0	0.0	–	–	–	–	–	–	1.3	–	–	–	–

Sarda chiliensis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
110.0	33.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	35.0	0.0	0.0	0.0	2.5	–	0.0	0.0	0.0	0.0	0.0	–	–
130.0	55.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	–	–
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
137.0	23.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	–	0.0	0.0	–	–

Scomber japonicus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
67.0	75.0	–	–	–	–	0.0	–	3.3	–	–	–	–	–
80.0	52.0	0.0	–	–	0.0	0.0	0.0	3.4	0.0	–	0.0	–	–
80.0	55.0	0.0	0.0	–	0.0	0.0	3.0	3.2	0.0	–	0.0	0.0	0.0
82.0	47.0	0.0	0.0	–	0.0	0.0	0.0	8.2	0.0	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	0.0	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	0.0	0.0	0.0	9.0	0.0	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	0.0	5.1	0.0	–	0.0	0.0	0.0

TABLE 4. (cont.)

Scomber japonicus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	35.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	–	0.0	0.0	0.0
87.0	40.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
90.0	28.0	0.0	0.0	0.0	0.0	0.0	2.5	2.9	0.0	0.0	0.0	0.0	0.0
93.0	28.0	–	0.0	0.0	0.0	0.0	0.0	13.5	0.0	0.0	0.0	0.0	0.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	2.9	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	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0
97.0	30.0	0.0	0.0	0.0	–	0.0	5.0	8.5	0.0	–	0.0	–	–
97.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	–	0.0	–	–
97.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
97.0	60.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	75.0	–	–	–	0.0	0.0	0.0	2.9	0.0	–	–	–	–
97.0	80.0	0.0	0.0	–	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
103.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	–	4.3	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.0	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.0	–	–
110.0	35.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	65.0	–	0.0	0.0	0.0	0.0	8.5	0.0	0.0	–	–	–	–
113.0	35.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	–	–
113.0	40.0	–	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	9.9	0.0	12.7	0.0	0.0	0.0	0.0	–	–
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	34.8	0.0	–	–
120.0	25.0	0.0	0.0	5.0	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	8.7	0.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	2.5	–	–
120.7	26.0	–	–	–	–	–	–	–	–	3.6	–	–	–
121.2	34.0	–	–	–	–	–	–	–	–	35.3	–	–	–
121.3	30.0	–	–	–	–	–	–	–	–	7.7	–	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	48.8	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	3.0	2.7	0.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	11.4	0.0	0.0	–	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	5.7	–	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	4.5	0.0	0.0	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.7	0.0	0.0	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	–	–
130.0	60.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	–	0.0	–	–
133.0	30.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	37.0	0.0	–	0.0	–	–
134.0	36.0	0.0	0.0	0.0	0.0	–	0.0	3.0	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	2.0	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	–	0.0	–	–
143.0	26.0	4.9	–	–	0.0	–	–	–	0.0	–	–	–	–

TABLE 4. (cont.)

Scomber japonicus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	20.0	8.3	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	25.0	4.0	–	–	0.0	–	–	–	0.0	–	–	–	–
147.0	35.0	9.0	–	–	0.0	–	–	–	0.0	–	–	–	–
150.0	19.0	4.7	–	–	–	–	–	–	0.0	–	–	–	–
153.0	16.0	5.0	–	–	–	–	–	–	0.0	–	–	–	–

Scomberomorus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
143.0	26.0	0.0	–	–	0.0	–	–	–	1.7	–	–	–	–
143.0	30.0	0.0	–	–	0.0	–	–	–	2.7	–	–	–	–

Thunnus albacares

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
147.0	55.0	0.0	–	–	0.0	–	–	–	1.5	–	–	–	–
153.0	25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–

Trichiuridae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
100.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.9	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.4	–	–
103.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	–	9.6	–	–
107.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
110.0	40.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	11.4	0.0	0.0	–	–
110.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.6	–	–
110.0	80.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	40.0	–	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
113.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	10.8	–	–
113.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.1	–	–
113.0	60.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.6	–	–
113.0	90.0	3.0	–	–	0.0	0.0	0.0	0.0	–	–	0.0	–	–
115.0	30.0	–	–	–	–	–	–	–	–	2.4	–	–	–
115.0	35.0	–	–	–	–	–	–	–	–	2.8	–	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.6	–	–
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	–	5.2	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–

TABLE 4. (cont.)

Trichiuridae (cont.)

STATION		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	–	3.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	2.9	–	–
120.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	–	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	3.0	0.0	0.0	–	–
123.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	–	0.0	2.6	–	–
123.0	60.0	0.0	0.0	0.0	–	2.8	0.0	0.0	0.0	–	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	5.4	0.0	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.6	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	0.0	–	–
127.0	50.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.8	–	–
127.0	70.0	0.0	–	–	–	0.0	0.0	0.0	2.9	–	0.0	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	11.5	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.9	–	–
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	–	0.0	–	–
133.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	–	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	47.8	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	12.6	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	10.0	–	–
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.9	–	0.0	–	–
137.0	55.0	0.0	–	–	0.0	–	–	0.0	7.0	–	0.0	–	–
140.0	30.0	0.0	–	–	0.0	–	–	–	1.4	–	–	–	–
140.0	40.0	0.0	–	–	0.0	–	–	–	1.1	–	–	–	–
140.0	45.0	0.0	–	–	0.0	–	–	–	0.9	–	–	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	10.2	–	–	–	–
143.0	30.0	0.0	–	–	0.0	–	–	–	1.3	–	–	–	–
143.0	45.0	0.0	–	–	0.0	–	–	–	1.7	–	–	–	–
143.0	50.0	0.0	–	–	0.0	–	–	–	8.5	–	–	–	–
147.0	50.0	0.0	–	–	0.0	–	–	–	1.9	–	–	–	–

Sphyraena argentea

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	0.0	–	0.0	0.0	0.0	5.5	0.0	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	3.2	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	0.0	0.0	0.0	9.0	0.0	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	0.0	2.6	0.0	–	0.0	0.0	0.0
87.0	35.0	0.0	0.0	0.0	0.0	0.0	5.1	3.1	6.6	–	0.0	0.0	0.0
90.0	28.0	0.0	0.0	0.0	0.0	27.0	0.0	11.4	0.0	0.0	0.0	0.0	0.0
90.0	32.0	0.0	0.0	–	0.0	21.4	0.0	0.0	0.0	0.0	0.0	–	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	2.9	–	0.0	–	–
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	–	0.0	–	–

TABLE 4. (cont.)

Sphyraena argentea (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
103.0	30.0	0.0	0.0	0.0	0.0	0.0	1.7	–	0.0	–	0.0	–	–
103.0	35.0	0.0	0.0	0.0	0.0	0.0	2.9	–	4.3	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	12.6	2.8	0.0	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	4.5	0.0	0.0	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	0.0	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	3.4	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	1.7	–	–	–	–

Icichthys lockingtoni

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
57.0	90.0	–	–	–	–	–	–	3.1	–	–	–	–	–
60.0	55.0	0.0	–	–	–	0.0	–	2.4	–	–	0.0	–	–
60.0	65.0	–	–	–	0.0	12.2	–	0.0	–	–	–	–	–
60.0	70.0	0.0	–	–	2.7	12.1	–	0.0	–	–	0.0	–	–
60.0	80.0	0.0	–	–	0.0	5.3	–	0.0	–	–	0.0	–	–
60.0	85.0	–	–	–	–	5.9	–	0.0	–	–	–	–	–
60.0	90.0	0.0	–	–	3.3	5.8	–	0.0	–	–	0.0	–	–
63.0	55.0	0.0	–	–	0.0	0.0	–	7.1	–	–	0.0	–	–
63.0	60.0	0.0	–	–	6.6	5.7	–	0.0	–	–	0.0	–	–
63.0	65.0	–	–	–	–	5.7	–	10.0	–	–	–	–	–
63.0	70.0	0.0	–	–	–	0.0	–	6.6	–	–	0.0	–	–
63.0	85.0	–	–	–	–	6.3	–	0.0	–	–	–	–	–
63.0	90.0	0.0	–	–	11.4	8.8	–	0.0	–	–	0.0	–	–
67.0	60.0	0.0	–	–	0.0	3.4	–	3.3	–	–	0.0	–	–
67.0	65.0	–	–	–	–	0.0	–	3.8	–	–	–	–	–
67.0	70.0	0.0	–	–	–	8.1	–	14.0	–	–	0.0	–	–
67.0	75.0	–	–	–	–	6.0	–	0.0	–	–	–	–	–
67.0	85.0	–	–	–	–	–	–	3.4	–	–	–	–	–
67.0	90.0	0.0	–	–	3.0	–	–	11.7	–	–	0.0	–	–
70.0	55.0	0.0	–	–	0.0	0.0	–	9.1	–	–	0.0	–	–
70.0	60.0	0.0	–	–	0.0	2.6	–	0.0	–	–	0.0	–	–
70.0	65.0	–	–	–	0.0	–	–	3.1	–	–	–	–	–
70.0	75.0	–	–	–	–	2.7	–	3.1	–	–	–	–	–
70.0	80.0	0.0	–	–	2.6	0.0	–	6.8	–	–	0.0	–	–
70.0	85.0	–	–	–	–	0.0	–	6.9	–	–	–	–	–
70.0	90.0	0.0	–	–	5.2	0.0	–	3.1	–	–	0.0	–	–
73.0	60.0	0.0	0.0	–	0.0	12.3	–	0.0	–	–	0.0	–	–
73.0	65.0	–	–	–	2.9	0.0	–	0.0	–	–	–	–	–
73.0	70.0	0.0	0.0	–	3.2	0.0	–	0.0	–	–	0.0	–	–
73.0	75.0	–	–	–	–	0.0	–	6.1	–	–	–	–	–
73.0	80.0	–	–	–	0.0	3.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Icichthys lockingtoni (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	85.0	–	–	–	–	6.0	–	0.0	–	–	–	–	–
77.0	60.0	0.0	0.0	–	0.0	0.0	12.8	0.0	0.0	–	0.0	0.0	0.0
77.0	65.0	–	–	–	2.8	0.0	3.3	0.0	–	–	–	–	–
77.0	70.0	0.0	0.0	–	2.7	0.0	4.9	0.0	–	–	0.0	0.0	0.0
77.0	75.0	–	–	–	–	0.0	–	5.9	–	–	–	–	–
77.0	80.0	–	–	–	3.1	0.0	0.0	6.9	–	–	0.0	–	–
77.0	85.0	–	–	–	–	0.0	2.4	0.0	–	–	–	–	–
77.0	90.0	–	–	–	0.0	2.9	0.0	0.0	–	–	0.0	–	–
80.0	70.0	0.0	0.0	–	0.0	0.0	0.0	2.9	0.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	0.0	0.0	2.8	3.4	–	–	–	–
80.0	80.0	0.0	9.3	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
80.0	85.0	–	–	–	0.0	0.0	0.0	9.4	0.0	–	–	–	–
80.0	90.0	0.0	6.2	–	0.0	0.0	6.5	0.0	0.0	–	0.0	–	–
83.0	60.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	–	0.0	0.0	0.0
83.0	70.0	0.0	2.4	–	0.0	0.0	0.0	0.0	0.0	–	1.5	–	–
83.0	75.0	–	–	–	2.8	0.0	0.0	0.0	–	–	–	–	–
83.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	4.7	–	0.0	–	–
83.0	85.0	–	–	–	0.0	0.0	0.0	3.1	–	–	–	–	–
83.0	90.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	–	0.0	–	–
87.0	40.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	70.0	–	0.0	–	0.0	0.0	0.0	4.5	0.0	–	0.0	–	–
93.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
93.0	70.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
93.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	0.0	0.0
93.0	100.0	–	–	–	–	–	–	–	–	2.8	–	–	0.0
97.0	70.0	0.0	2.6	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–

Nomeidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	6.4	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	–	–
110.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	–	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–	–	–
117.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.8	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	5.1	–	–	–	–

Peprilus simillimus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	52.0	0.0	–	–	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Peprilus simillimus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
82.0	47.0	0.0	0.0	–	0.0	0.0	0.0	2.7	0.0	–	0.0	0.0	0.0
83.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	3.6
83.0	43.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	0.0	2.4	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	3.2	0.0	0.0	–	0.0	0.0	0.0
87.0	65.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
93.0	30.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	30.0	2.1	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0	–	–
103.0	30.0	0.0	0.0	0.0	0.0	0.0	1.7	–	0.0	–	0.0	–	–
113.0	40.0	–	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	65.0	–	0.0	0.0	0.0	0.0	0.0	3.0	0.0	–	–	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	–	–
117.0	55.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	25.0	0.0	2.6	0.0	0.0	–	2.5	0.0	0.0	0.0	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	3.9	0.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	8.6	0.0	0.0	–	0.0	–	–
130.0	30.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
137.0	23.0	0.0	5.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	4.0	–	–

Tetragonurus cuvieri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	70.0	0.0	2.5	–	0.0	0.0	0.0	0.0	–	–	0.0	0.0	0.0
80.0	55.0	0.0	0.0	–	0.0	0.0	0.0	6.4	0.0	–	0.0	0.0	0.0
80.0	85.0	–	–	–	0.0	2.9	0.0	0.0	0.0	–	–	–	–
80.0	100.0	–	–	–	–	2.9	–	–	–	–	–	–	–
83.0	70.0	2.9	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
87.0	50.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	–	0.0	0.0	0.0
87.0	55.0	3.2	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0
90.0	90.0	–	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	5.6	–	0.0
93.0	70.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
93.0	75.0	–	–	–	0.0	0.0	0.0	0.0	0.0	2.7	–	–	–
93.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	3.0
93.0	85.0	–	–	–	0.0	0.0	0.0	0.0	3.1	2.6	–	–	–
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	3.3	–	–
100.0	75.0	–	–	–	0.0	0.0	0.0	0.0	3.2	–	–	–	–
100.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.1	–	7.0	–	–
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	2.7	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	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	1.4	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	17.2	0.0	0.0	–	0.0	–	–

TABLE 4. (cont.)

Chiasmodontidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	60.0	0.0	0.0	3.1	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	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
97.0	70.0	0.0	2.6	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	75.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
97.0	80.0	0.0	0.0	–	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
100.0	70.0	0.0	0.0	–	0.0	0.0	0.0	3.3	0.0	–	0.0	–	–
103.0	65.0	–	–	–	0.0	0.0	0.0	0.0	6.0	–	–	–	–
103.0	90.0	2.6	–	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	75.0	–	–	–	0.0	0.0	0.0	2.8	0.0	–	–	–	–
110.0	50.0	0.0	3.1	0.0	2.7	0.0	0.0	0.0	0.0	–	2.8	–	–
110.0	60.0	0.0	3.1	2.7	0.0	0.0	0.0	0.0	0.0	–	2.6	–	–
110.0	65.0	–	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	–	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	3.2	–	0.0	–	–
110.0	85.0	–	–	–	0.0	0.0	0.0	2.6	–	–	–	–	–
113.0	40.0	–	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
113.0	50.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
113.0	65.0	–	3.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–	–	–
113.0	70.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	75.0	–	–	–	0.0	0.0	0.0	0.0	3.1	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	3.0	3.2	–	0.0	–	–
113.0	90.0	0.0	–	–	0.0	0.0	2.9	5.9	–	–	0.0	–	–
117.0	55.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	60.0	8.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	70.0	2.6	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	2.9	0.0	0.0	–	–
120.0	50.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	60.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
120.0	70.0	0.0	0.0	2.8	0.0	0.0	0.0	3.0	0.0	–	0.0	–	–
123.0	42.0	0.0	0.0	3.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	3.0	0.0	0.0	0.0	–	2.7	–	–
123.0	55.0	–	0.0	0.0	–	5.8	0.0	0.0	0.0	–	0.0	–	–
123.0	65.0	–	–	–	–	2.6	2.7	0.0	0.0	–	–	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	0.0	–	2.5	–	–
127.0	50.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.8	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	5.3	0.0	2.8	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	2.8	2.9	3.1	–	–	–	–
127.0	70.0	0.0	–	–	–	0.0	2.8	5.2	0.0	–	0.0	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	–
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	–	–
130.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
130.0	55.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	–	0.0	–	–
130.0	60.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	–	0.0	–	–
130.0	70.0	–	–	–	–	–	8.7	0.0	0.0	–	0.0	–	–
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	–	0.0	–	–

TABLE 4. (cont.)

Chiasmodontidae (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	–	0.0	–	–
133.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	–	0.0	–	–
133.0	60.0	0.0	–	–	0.0	–	–	0.0	7.0	–	0.0	–	–
133.0	70.0	–	–	–	–	–	–	5.6	0.0	–	0.0	–	–
134.0	36.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.8	0.0	0.0	–	–
137.0	55.0	0.0	–	–	0.0	–	–	2.5	0.0	–	0.0	–	–
137.0	65.0	–	–	–	–	–	–	2.8	–	–	–	–	–
140.0	60.0	2.9	–	–	0.0	–	–	–	0.0	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–
150.0	50.0	0.0	–	–	–	–	–	–	1.1	–	–	–	–
150.0	55.0	0.0	–	–	–	–	–	–	3.7	–	–	–	–
153.0	35.0	2.3	–	–	–	–	–	–	–	–	–	–	–
153.0	40.0	2.8	–	–	–	–	–	–	–	–	–	–	–

Uranoscopidae

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	45.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	–	0.0	–	–

Pleuronectiformes

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
80.0	52.0	4.8	–	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
80.0	55.0	0.0	0.0	–	0.0	0.0	0.0	3.2	0.0	–	0.0	0.0	0.0
119.0	33.0	4.9	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	–
120.0	35.0	2.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	–
127.0	34.0	4.6	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	–	–

Bothus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	4.3	–	–	–	–
150.0	25.0	0.0	–	–	–	–	–	–	5.6	–	–	–	–
153.0	25.0	0.0	–	–	–	–	–	–	1.9	–	–	–	–

Citharichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	70.0	2.8	–	–	–	0.0	–	0.0	–	–	0.0	–	–
73.0	51.0	0.0	0.0	–	0.0	0.0	–	3.0	–	–	0.0	–	–
77.0	50.0	0.0	0.0	–	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	60.0	2.3	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	52.0	0.0	-	-	0.0	0.0	2.7	0.0	0.0	-	0.0	-	-
80.0	55.0	0.0	0.0	-	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	57.0	-	6.4	-	-	-	-	-	-	-	-	-	-
80.0	65.0	-	-	-	0.0	0.0	2.8	0.0	-	-	-	-	-
80.0	75.0	-	-	-	0.0	0.0	5.8	0.0	0.0	-	-	-	-
82.0	47.0	2.9	0.0	-	0.0	0.0	2.4	0.0	0.0	-	0.0	0.0	0.0
83.0	40.0	1.9	11.5	0.0	0.0	0.0	0.0	0.0	0.0	-	3.4	0.0	16.0
83.0	43.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	35.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	1.6	0.0	0.0
87.0	70.0	-	0.0	-	3.0	0.0	0.0	0.0	0.0	-	0.0	-	-
90.0	28.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0
90.0	32.0	0.0	0.0	-	0.0	0.0	1.5	0.0	0.0	0.0	0.0	-	0.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	35.0	0.0	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	3.2
97.0	30.0	0.0	0.0	0.0	-	2.4	0.0	0.0	0.0	-	20.8	-	-
100.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	8.3	-	-
100.0	30.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	2.9	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
103.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	2.5	-	-
107.0	32.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.3	-	0.0	-	-
107.0	35.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.3	-	-
110.0	33.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	-	-
110.0	40.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	16.7	0.0	-	-
113.0	35.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	12.6	0.0	-	-
113.0	40.0	-	0.0	0.0	0.0	0.0	2.8	0.0	0.0	10.7	0.0	-	-
115.0	40.0	-	-	-	-	-	-	-	-	2.3	-	-	-
117.0	26.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0	-	-
117.0	30.0	0.0	13.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	3.8	-	-
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	2.8	10.9	-	-
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	-	-
117.0	55.0	0.0	0.0	0.0	0.0	0.0	3.1	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	8.6	-	-
119.0	33.0	0.0	45.4	0.0	2.9	-	0.0	7.7	3.0	17.4	18.1	-	-
120.0	25.0	0.0	0.0	7.5	4.9	-	4.1	0.0	0.0	2.2	0.0	-	-
120.0	30.0	11.6	0.0	24.4	0.0	-	28.1	2.6	12.0	7.7	4.9	-	-
120.0	35.0	0.0	2.1	0.0	0.0	-	0.0	0.0	33.4	43.7	5.4	-	-
120.0	40.0	0.0	0.0	0.0	0.0	7.3	0.0	1.9	5.6	5.4	0.0	-	-
120.0	45.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	-	-
120.0	55.0	0.0	0.0	0.0	2.8	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	2.8	-	0.0	-	-
120.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	-	0.0	-	-
121.2	34.0	-	-	-	-	-	-	-	-	8.8	-	-	-
121.3	30.0	-	-	-	-	-	-	-	-	51.6	-	-	-

TABLE 4. (cont.)

Citharichthys spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
123.0	37.0	0.0	0.0	0.0	–	0.0	8.8	0.0	3.0	15.4	7.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	11.8	0.0	0.0	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	25.7	0.0	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	5.5	0.0	0.0	–	0.0	–	–
127.0	34.0	4.6	0.0	8.0	–	0.0	0.0	2.5	0.0	0.0	0.0	–	–
127.0	40.0	0.0	0.0	6.0	–	0.0	0.0	0.0	2.7	0.0	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	10.2	0.0	–	–
127.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	2.6	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	3.1	–	–	–	–
130.0	30.0	2.5	2.2	0.0	4.3	0.0	2.4	0.0	10.3	0.0	9.6	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	–	–
130.0	60.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0	–	–
130.0	65.0	–	–	–	–	–	5.7	0.0	0.0	–	–	–	–
133.0	25.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	–	2.8	2.9	–	–
133.0	40.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
133.0	55.0	0.0	–	–	0.0	–	–	0.0	0.0	–	2.5	–	–
137.0	23.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
140.0	30.0	2.3	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	13.6	–	–	–	–

Citharichthys fragilis

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	0.0	0.0	0.0	2.9	–	0.0	–	–
100.0	35.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	1.4	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
110.0	33.0	0.0	3.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	45.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	30.0	0.0	2.6	0.0	0.0	0.0	0.0	–	0.0	85.7	0.0	–	–
113.0	35.0	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	17.6	0.0	–	–
113.0	40.0	–	6.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	–	–
117.0	26.0	0.0	0.0	7.7	0.0	0.0	2.8	9.6	11.8	5.4	0.0	–	–
117.0	30.0	0.0	0.0	0.0	2.4	0.0	2.6	58.2	8.9	31.2	5.7	–	–
117.0	35.0	2.6	9.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.7	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	10.4	–	–
117.0	45.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	50.0	0.0	5.8	0.0	5.6	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	55.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	–	5.2	–	–
118.0	39.0	0.0	0.0	0.0	4.9	0.0	3.2	0.0	9.4	10.0	0.0	–	–
118.5	25.0	–	–	–	–	–	–	–	–	19.5	–	–	–
119.0	33.0	0.0	0.0	41.7	85.3	–	13.5	0.0	0.0	89.9	3.0	–	–
120.0	25.0	0.0	0.0	2.5	86.5	–	53.4	2.4	0.0	4.4	0.0	–	–
120.0	30.0	16.2	10.8	0.0	25.7	–	25.6	2.6	0.0	10.2	0.0	–	–

TABLE 4. (cont.)

Citharichthys fragilis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	2.1	9.7	150.1	-	4.2	18.8	0.0	58.2	5.4	-	-
120.0	40.0	0.0	0.0	2.4	35.9	9.2	0.0	13.0	0.0	6.8	4.9	-	-
120.0	45.0	0.0	13.3	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	2.8	0.0	-	0.0	-	-
120.0	55.0	0.0	0.0	0.0	11.2	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	2.8	-	0.0	-	-
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	0.0	-	-
121.2	34.0	-	-	-	-	-	-	-	-	14.7	-	-	-
123.0	37.0	0.0	0.0	5.4	-	5.0	4.4	0.0	0.0	0.0	0.0	-	-
123.0	42.0	0.0	2.9	0.0	-	0.0	65.1	0.0	0.0	0.0	2.7	-	-
123.0	45.0	0.0	3.2	0.0	-	0.0	0.0	0.0	-	0.0	0.0	-	-
123.0	50.0	-	0.0	0.0	-	0.0	14.3	0.0	0.0	-	0.0	-	-
123.0	55.0	-	0.0	0.0	-	0.0	0.0	0.0	2.8	-	0.0	-	-
123.0	70.0	0.0	-	-	-	0.0	0.0	0.0	2.9	-	0.0	-	-
127.0	34.0	0.0	0.0	0.0	-	3.4	0.0	2.5	9.0	0.0	0.0	-	-
130.0	30.0	0.0	0.0	2.9	4.3	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	2.9	0.0	0.0	-	0.0	-	-
130.0	55.0	0.0	0.0	0.0	0.0	0.0	53.4	0.0	0.0	-	0.0	-	-
130.0	60.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0	-	-
133.0	25.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	-	-
133.0	35.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
134.0	36.0	0.0	0.0	0.0	1.4	-	0.0	0.0	0.0	0.0	0.0	-	-
137.0	23.0	0.0	11.0	0.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	-	-
137.0	30.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	-	-
143.0	26.0	0.0	-	-	0.0	-	-	-	8.5	-	-	-	-
147.0	45.0	0.0	-	-	0.0	-	-	-	5.0	-	-	-	-

Citharichthys platophrys

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

Citharichthys sordidus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	90.0	-	-	-	-	-	-	-	-	-	1.8	-	-
50.0	50.0	-	-	-	-	-	-	-	-	-	2.9	-	-
53.0	55.0	-	-	-	-	-	-	-	-	-	8.0	-	-
57.0	60.0	-	-	-	-	-	-	-	-	-	2.4	-	-
60.0	60.0	0.0	-	-	0.0	0.0	-	0.0	-	-	1.9	-	-
60.0	70.0	0.0	-	-	0.0	0.0	-	0.0	-	-	2.2	-	-
60.0	80.0	0.0	-	-	0.0	0.0	-	0.0	-	-	2.6	-	-
60.0	90.0	0.0	-	-	3.3	0.0	-	0.0	-	-	0.0	-	-

TABLE 4. (cont.)

Citharichthys sordidus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
63.0	55.0	0.0	–	–	3.0	0.0	–	0.0	–	–	0.0	–	–
63.0	60.0	0.0	–	–	0.0	0.0	–	0.0	–	–	2.5	–	–
63.0	80.0	–	–	–	–	0.0	–	0.0	–	–	9.7	–	–
63.0	90.0	3.3	–	–	0.0	0.0	–	0.0	–	–	2.8	–	–
67.0	55.0	0.0	–	–	0.0	3.4	–	0.0	–	–	0.0	–	–
67.0	65.0	–	–	–	–	6.3	–	0.0	–	–	–	–	–
70.0	60.0	0.0	–	–	0.0	2.6	–	0.0	–	–	0.0	–	–
70.0	90.0	0.0	–	–	2.6	0.0	–	0.0	–	–	0.0	–	–
73.0	51.0	2.7	0.0	–	0.0	0.0	–	0.0	–	–	0.0	–	–
73.0	70.0	0.0	0.0	–	0.0	0.0	–	6.5	–	–	2.5	–	–
77.0	55.0	0.0	0.0	–	0.0	–	0.0	3.4	0.0	–	0.0	0.0	0.0
77.0	90.0	–	–	–	0.0	0.0	2.9	0.0	–	–	0.0	–	–
80.0	55.0	8.3	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	57.0	–	6.4	–	–	–	–	–	–	–	–	–	–
80.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.5	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	0.0	0.0	0.0	3.4	–	–	–	–
82.0	47.0	2.9	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	3.2
83.0	40.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	43.0	2.5	3.1	5.4	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	35.0	6.4	0.0	0.0	0.0	0.0	0.0	3.1	0.0	–	0.0	0.0	0.0
87.0	40.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	55.0	0.0	2.5	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
90.0	28.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	85.0	–	–	–	0.0	0.0	–	0.0	2.6	0.0	–	–	–
100.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	–	0.0	–	–
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	–	0.0	–	–
100.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	–	–
110.0	33.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	35.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	40.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	35.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	–	–
123.0	65.0	–	–	–	–	0.0	0.0	8.1	0.0	–	–	–	–

Citharichthys stigmaeus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
50.0	55.0	–	–	–	–	–	–	–	–	–	2.9	–	–
53.0	55.0	–	–	–	–	–	–	–	–	–	4.0	–	–
60.0	70.0	0.0	–	–	0.0	0.0	–	0.0	–	–	4.4	–	–
63.0	70.0	0.0	–	–	–	0.0	–	0.0	–	–	2.9	–	–
67.0	60.0	2.8	–	–	0.0	0.0	–	0.0	–	–	4.3	–	–
67.0	70.0	0.0	–	–	–	0.0	–	0.0	–	–	5.6	–	–
70.0	70.0	0.0	–	–	0.0	–	–	0.0	–	–	9.2	–	–
70.0	80.0	0.0	–	–	0.0	0.0	–	3.4	–	–	0.0	–	–

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	51.0	0.0	3.6	–	0.0	0.0	–	0.0	–	–	0.0	–	–
73.0	55.0	2.8	3.1	–	0.0	0.0	–	0.0	–	–	0.0	–	–
73.0	65.0	–	–	–	2.9	0.0	–	0.0	–	–	–	–	–
73.0	70.0	0.0	0.0	–	0.0	0.0	–	6.5	–	–	4.9	–	–
73.0	90.0	–	–	–	0.0	0.0	–	0.0	–	–	2.3	–	–
77.0	50.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	3.1	–	–
77.0	53.0	–	0.0	–	–	–	–	–	–	–	–	2.3	0.0
77.0	55.0	0.0	0.0	–	0.0	–	0.0	3.4	6.4	–	2.0	0.0	3.0
77.0	60.0	0.0	0.0	–	2.9	2.8	0.0	8.9	2.5	–	0.0	0.0	0.0
77.0	85.0	–	–	–	–	0.0	0.0	9.5	–	–	–	–	–
80.0	52.0	4.8	–	–	2.6	0.0	2.7	0.0	0.0	–	0.0	–	–
80.0	53.0	–	3.1	–	–	–	–	–	–	–	–	0.0	5.6
80.0	55.0	0.0	6.2	–	0.0	0.0	3.0	3.2	2.8	–	0.0	2.7	0.0
80.0	60.0	2.8	0.0	–	0.0	0.0	0.0	3.5	9.7	–	0.0	0.0	0.0
80.0	65.0	–	–	–	0.0	0.0	0.0	3.3	–	–	–	–	–
80.0	70.0	0.0	0.0	–	0.0	0.0	0.0	0.0	5.0	–	0.0	0.0	0.0
80.0	75.0	–	–	–	0.0	0.0	0.0	0.0	10.1	–	–	–	–
80.0	80.0	0.0	3.1	–	0.0	0.0	0.0	0.0	6.0	–	0.0	–	–
80.0	85.0	–	–	–	0.0	0.0	0.0	3.1	0.0	–	–	–	–
82.0	47.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	3.2
83.0	43.0	0.0	6.2	5.4	0.0	0.0	0.0	0.0	3.2	–	6.0	0.0	0.0
83.0	51.0	0.0	8.5	–	11.7	0.0	2.5	0.0	0.0	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	0.0	10.3	0.0	–	0.0	0.0	0.0
83.0	60.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	0.0	0.0	0.0	3.0	–	–	–	–
83.0	70.0	0.0	0.0	–	0.0	0.0	2.9	0.0	0.0	–	1.5	–	–
83.0	75.0	–	–	–	0.0	0.0	0.0	2.9	–	–	–	–	–
83.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	4.7	–	2.8	–	–
83.0	90.0	0.0	2.6	–	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
87.0	35.0	3.2	2.9	0.0	0.0	0.0	5.1	6.2	0.0	–	4.7	2.5	0.0
87.0	40.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.3	0.0	0.0
87.0	60.0	–	0.0	–	0.0	0.0	0.0	3.0	0.0	–	0.0	0.0	0.0
87.0	70.0	–	0.0	–	0.0	0.0	0.0	0.0	3.2	–	2.9	–	–
90.0	28.0	2.9	0.0	0.0	0.0	0.0	2.5	2.9	3.1	0.0	4.5	0.0	5.9
90.0	32.0	0.0	0.0	–	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
90.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
90.0	45.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0
90.0	60.0	–	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	–	–	0.0	–	0.0	2.8	3.2	0.0	2.9	–	–	–
93.0	27.0	2.8	–	–	–	–	–	–	–	–	–	–	–
93.0	28.0	–	0.0	0.0	0.0	0.0	0.0	3.4	2.9	0.0	2.9	0.0	0.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	5.7	0.0	0.0	0.0
93.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0
93.0	40.0	0.0	0.0	0.0	2.8	2.7	0.0	2.5	0.0	0.0	2.8	0.0	0.0
93.0	55.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	65.0	–	–	–	2.8	0.0	0.0	0.0	0.0	0.0	–	–	–

TABLE 4. (cont.)

Citharichthys stigmaeus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	30.0	0.0	0.0	0.0	-	0.0	5.0	0.0	0.0	-	0.0	-	-
97.0	32.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	-	0.0	-	-
97.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	-	0.0	-	-
97.0	45.0	0.0	0.0	0.0	0.0	3.1	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	2.9	-	2.8	-	-
100.0	30.0	0.0	0.0	0.0	0.0	0.0	2.9	12.1	0.0	-	0.0	-	-
100.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	27.5	0.0	-	0.0	-	-
100.0	55.0	-	0.0	0.0	0.0	0.0	0.0	2.5	0.0	-	0.0	-	-
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	0.0	-	-
103.0	45.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	0.0	-	0.0	-	-
107.0	32.0	0.0	3.0	0.0	3.2	0.0	0.0	0.0	23.4	-	0.0	-	-
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	2.9	-	0.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
110.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	-	0.0	-	-
113.0	35.0	0.0	0.0	0.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	-	-
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	-	-
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	-	0.0	-	-
118.0	39.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	2.8	-	-
119.0	33.0	0.0	0.0	0.0	0.0	-	1.4	0.0	0.0	0.0	0.0	-	-
120.0	30.0	0.0	0.0	0.0	0.0	-	0.0	0.0	3.0	0.0	0.0	-	-
120.0	35.0	0.0	0.0	0.0	0.0	-	0.0	2.7	3.0	0.0	0.0	-	-
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	-	0.0	-	-
123.0	50.0	-	0.0	0.0	-	0.0	22.9	0.0	0.0	-	0.0	-	-

Citharichthys xanthostigma

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	3.0
80.0	52.0	0.0	-	-	2.6	0.0	0.0	0.0	0.0	-	0.0	-	-
87.0	35.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	1.6	0.0	0.0
90.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0
90.0	70.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0
93.0	28.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
97.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
100.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-
103.0	30.0	0.0	0.0	2.5	0.0	0.0	0.0	-	0.0	-	2.7	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.8	-	-
107.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.1	-	0.0	-	-
107.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.4	-	-
110.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	-	-
110.0	40.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	50.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	-	5.6	-	-

TABLE 4. (cont.)

Citharichthys xanthostigma (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	31.3	0.0	–	–
113.0	35.0	0.0	9.3	0.0	2.4	0.0	0.0	0.0	0.0	22.6	2.6	–	–
113.0	40.0	–	8.9	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	–	–
113.0	45.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	9.3	–	–
115.0	35.0	–	–	–	–	–	–	–	–	13.8	–	–	–
115.0	40.0	–	–	–	–	–	–	–	–	13.9	–	–	–
117.0	26.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	5.9	0.0	2.8	–	–
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	1.9	–	–
117.0	35.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	–
117.0	40.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	9.2	26.1	–	–
117.0	50.0	0.0	0.0	0.0	19.5	0.0	0.0	0.0	0.0	–	2.7	–	–
117.0	55.0	2.8	0.0	0.0	5.4	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	60.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	75.0	–	–	–	0.0	0.0	0.0	0.0	2.8	–	–	–	–
117.0	80.0	0.0	–	2.8	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	2.9	0.0	0.0	14.3	–	–
118.5	25.0	–	–	–	–	–	–	–	–	8.3	–	–	–
118.5	30.0	–	–	–	–	–	–	–	–	2.6	–	–	–
119.0	33.0	0.0	0.0	0.0	23.5	–	0.0	0.0	0.0	78.3	3.0	–	–
120.0	25.0	0.0	0.0	5.0	14.8	–	6.1	0.0	0.0	0.0	0.0	–	–
120.0	30.0	0.0	0.0	0.0	18.0	–	4.3	0.0	6.0	15.4	0.0	–	–
120.0	35.0	6.0	0.0	0.0	44.3	–	0.0	5.4	3.0	26.2	0.0	–	–
120.0	40.0	0.0	0.0	0.0	8.1	5.5	2.0	9.3	0.0	4.1	2.5	–	–
120.0	45.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	17.3	–	–
120.0	55.0	0.0	0.0	0.0	2.8	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	2.8	–	0.0	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.8	–	0.0	–	–
123.0	37.0	0.0	0.0	2.7	–	0.0	0.0	0.0	0.0	5.1	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	2.7	–	–
123.0	45.0	2.5	0.0	0.0	–	0.0	11.8	0.0	–	0.0	5.2	–	–
123.0	50.0	–	3.0	0.0	–	0.0	0.0	0.0	23.2	–	0.0	–	–
123.0	65.0	–	–	–	–	0.0	0.0	2.7	0.0	–	–	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	2.7	5.7	–	0.0	–	–
127.0	34.0	13.7	0.0	74.5	–	0.0	0.0	0.0	33.6	2.7	0.0	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.7	0.0	0.0	–	–
127.0	45.0	0.0	2.9	0.0	–	0.0	0.0	0.0	0.0	2.5	0.0	–	–
127.0	50.0	0.0	2.7	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	8.5	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	11.7	0.0	–	–	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	–	–
130.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	2.7	–	–
130.0	55.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	–	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.9	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.6	0.0	–	–

TABLE 4. (cont.)

Citharichthys xanthostigma (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	35.0	0.0	0.0	5.6	0.0	0.0	0.0	0.0	1.1	–	0.0	–	–
134.0	36.0	0.0	0.0	8.9	0.0	–	0.0	0.0	0.8	0.0	0.0	–	–
137.0	23.0	0.0	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
137.0	35.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	40.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	–	0.0	–	–
140.0	45.0	0.0	–	–	0.0	–	–	–	0.9	–	–	–	–
143.0	26.0	1.6	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	45.0	0.0	–	–	0.0	–	–	–	1.7	–	–	–	–
147.0	50.0	0.0	–	–	0.0	–	–	–	3.9	–	–	–	–

Etropus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	–	–
120.0	30.0	0.0	0.0	0.0	0.0	–	0.0	10.4	0.0	0.0	0.0	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	5.4	0.0	0.0	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	4.4	0.0	0.0	0.0	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	11.8	0.0	0.0	0.0	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	15.4	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	–	–
130.0	65.0	–	–	–	–	–	2.8	0.0	0.0	–	–	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.9	–	–
133.0	30.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.6	0.0	–	–
133.0	35.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
137.0	23.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	21.9	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	3.0	0.0	–	–
137.0	35.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	–	0.0	–	–
140.0	30.0	0.0	–	–	0.0	–	–	–	2.7	–	–	–	–
150.0	30.0	0.0	–	–	–	–	–	–	1.5	–	–	–	–

Hippoglossina stomata

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	51.0	0.0	0.0	–	0.0	2.4	0.0	0.0	0.0	–	0.0	0.0	0.0
93.0	35.0	0.0	0.0	0.0	0.0	2.8	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	–	2.8	–	–
103.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	1.2	–	0.0	–	–
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.1	0.0	–	–
117.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	–	–
117.0	30.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	5.7	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	–	–
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	2.6	0.0	0.0	3.0	–	–
120.0	25.0	0.0	0.0	0.0	2.5	–	2.5	0.0	0.0	0.0	0.0	–	–
120.0	30.0	0.0	0.0	2.7	0.0	–	0.0	2.6	0.0	2.6	0.0	–	–

TABLE 4. (cont.)

Hippoglossina stomata (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	5.4	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	–	–
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.6	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	2.9	–	0.0	–	–
127.0	34.0	2.3	0.0	0.0	–	0.0	0.0	0.0	0.0	2.7	0.0	–	–
127.0	40.0	0.0	0.0	3.0	–	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	4.8	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	–	2.8	0.0	–	–
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	–	–
137.0	30.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	–	0.0	10.1	–	–

Paralichthys californicus

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	6.1	0.0	0.0	–	0.0	0.0	0.0
82.0	47.0	0.0	8.5	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	40.0	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	43.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	35.0	28.8	0.0	2.9	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	3.1
90.0	28.0	11.7	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	32.0	0.0	0.0	–	0.0	2.7	0.0	0.0	0.0	0.0	0.0	–	0.0
93.0	28.0	–	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0
97.0	30.0	2.1	0.0	0.0	–	0.0	0.0	0.0	0.0	–	0.0	–	–
97.0	32.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	29.0	0.0	4.7	0.0	0.0	12.8	0.0	0.0	5.9	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	–	0.0	–	–
103.0	30.0	0.0	0.0	10.1	0.0	0.0	0.0	–	0.0	–	0.0	–	–
107.0	32.0	0.0	0.0	8.2	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	33.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	35.0	0.0	3.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	26.0	0.0	0.0	0.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	30.0	0.0	0.0	0.0	4.8	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	12.5	0.0	0.0	–	–
119.0	33.0	0.0	0.0	2.8	0.0	–	1.4	0.0	0.0	0.0	0.0	–	–
120.0	25.0	0.0	0.0	0.0	0.0	–	2.5	0.0	2.6	0.0	0.0	–	–
120.0	30.0	6.9	0.0	0.0	2.6	–	2.8	0.0	0.0	0.0	0.0	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	2.7	0.0	0.0	0.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	–	–
120.0	45.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	0.0	2.6	0.0	0.0	0.0	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	–	–

TABLE 4. (cont.)

Syacium ovale

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	–	–
143.0	26.0	0.0	–	–	0.0	–	–	–	1.7	–	–	–	–
143.0	30.0	0.0	–	–	0.0	–	–	–	1.3	–	–	–	–
147.0	20.0	0.0	–	–	0.0	–	–	–	3.0	–	–	–	–
147.0	25.0	0.0	–	–	0.0	–	–	–	2.2	–	–	–	–
150.0	19.0	0.0	–	–	–	–	–	–	7.9	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	11.9	–	–	–	–
153.0	25.0	0.0	–	–	–	–	–	–	7.5	–	–	–	–

Xystreurys liolepis

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	3.0	0.0	0.0	–	0.0	0.0	0.0
83.0	51.0	0.0	2.8	–	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	2.6	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.2	0.0	0.0	–	–
130.0	30.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–

Glyptocephalus zachirus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	0.0	–	–	–	2.5	–	0.0	–	–	0.0	–	–
60.0	90.0	0.0	–	–	6.6	0.0	–	0.0	–	–	0.0	–	–
63.0	52.0	0.0	–	–	0.0	–	–	3.3	–	–	0.0	–	–
63.0	90.0	0.0	–	–	2.8	2.9	–	0.0	–	–	0.0	–	–
70.0	55.0	0.0	–	–	0.0	2.9	–	0.0	–	–	0.0	–	–
70.0	60.0	0.0	–	–	0.0	5.3	–	0.0	–	–	0.0	–	–
80.0	75.0	–	–	–	0.0	0.0	2.9	0.0	0.0	–	–	–	–

Lyopsetta exilis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	55.0	0.0	–	–	–	6.4	–	0.0	–	–	0.0	–	–
60.0	60.0	0.0	–	–	5.9	28.3	–	0.0	–	–	0.0	–	–
60.0	65.0	–	–	–	0.0	12.2	–	0.0	–	–	–	–	–
60.0	70.0	0.0	–	–	5.5	0.0	–	0.0	–	–	0.0	–	–
60.0	80.0	0.0	–	–	5.4	0.0	–	0.0	–	–	0.0	–	–
60.0	90.0	0.0	–	–	3.3	0.0	–	0.0	–	–	0.0	–	–
63.0	55.0	0.0	–	–	5.9	0.0	–	0.0	–	–	0.0	–	–
63.0	60.0	0.0	–	–	0.0	5.7	–	0.0	–	–	0.0	–	–
67.0	50.0	0.0	–	–	7.2	0.0	–	0.0	–	–	0.0	–	–
67.0	60.0	0.0	–	–	0.0	3.4	–	0.0	–	–	0.0	–	–
70.0	55.0	0.0	–	–	3.5	0.0	–	0.0	–	–	0.0	–	–

TABLE 4. (cont.)

Lyopsetta exilis (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
73.0	51.0	0.0	7.3	-	0.0	0.0	-	0.0	-	-	0.0	-	-
73.0	53.0	-	2.9	-	-	-	-	-	-	-	-	-	-
77.0	50.0	0.0	2.6	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
77.0	60.0	0.0	0.0	-	2.9	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
77.0	70.0	0.0	0.0	-	0.0	0.0	2.4	0.0	-	-	0.0	0.0	0.0
80.0	52.0	0.0	-	-	2.6	0.0	0.0	0.0	0.0	-	0.0	-	-
80.0	55.0	0.0	0.0	-	3.0	2.8	0.0	0.0	0.0	-	0.0	0.0	0.0
80.0	57.0	-	6.4	-	-	-	-	-	-	-	-	-	-
80.0	80.0	0.0	0.0	-	0.0	6.3	0.0	0.0	0.0	-	0.0	-	-
82.0	47.0	2.9	0.0	-	6.5	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	43.0	0.0	0.0	10.9	3.0	2.6	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	51.0	0.0	0.0	-	2.9	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	35.0	0.0	0.0	8.8	0.0	5.2	0.0	3.1	0.0	-	0.0	0.0	0.0
87.0	40.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	-	0.0	0.0	0.0
87.0	45.0	-	-	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	50.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0	0.0	0.0
90.0	28.0	0.0	0.0	0.0	5.4	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	32.0	0.0	0.0	-	0.0	5.4	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	50.0	0.0	0.0	10.8	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0
93.0	28.0	-	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	30.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	2.3	0.0	2.8	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	3.2	0.0	0.0	0.0	-	0.0	-	-
100.0	30.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
103.0	40.0	0.0	0.0	0.0	0.0	2.9	0.0	-	0.0	-	0.0	-	-
117.0	30.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	-	-
117.0	35.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	-	-

Microstomus pacificus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	0.0	-	-	6.6	0.0	-	0.0	-	-	0.0	-	-
67.0	50.0	0.0	-	-	0.0	3.0	-	0.0	-	-	0.0	-	-
67.0	65.0	-	-	-	-	0.0	-	3.8	-	-	-	-	-
70.0	60.0	0.0	-	-	0.0	2.6	-	0.0	-	-	0.0	-	-
70.0	70.0	0.0	-	-	2.3	-	-	0.0	-	-	0.0	-	-
70.0	75.0	-	-	-	-	2.7	-	0.0	-	-	-	-	-
70.0	80.0	0.0	-	-	0.0	3.4	-	0.0	-	-	0.0	-	-
70.0	85.0	-	-	-	-	6.9	-	0.0	-	-	-	-	-
73.0	55.0	0.0	0.0	-	2.8	0.0	-	0.0	-	-	0.0	-	-
73.0	70.0	0.0	0.0	-	0.0	0.0	-	6.5	-	-	0.0	-	-
73.0	80.0	-	-	-	0.0	0.0	-	3.3	-	-	0.0	-	-
77.0	55.0	0.0	0.0	-	0.0	-	0.0	0.0	3.2	-	0.0	0.0	0.0
77.0	65.0	-	-	-	0.0	0.0	3.3	0.0	-	-	-	-	-

TABLE 4. (cont.)

Microstomus pacificus (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	80.0	–	–	–	0.0	3.2	0.0	0.0	–	–	0.0	–	–
77.0	85.0	–	–	–	–	0.0	4.7	0.0	–	–	–	–	–
77.0	90.0	–	–	–	0.0	0.0	5.9	0.0	–	–	0.0	–	–
83.0	60.0	0.0	0.0	–	0.0	0.0	0.0	2.5	0.0	–	0.0	0.0	0.0
83.0	65.0	–	–	–	0.0	0.0	3.0	0.0	0.0	–	–	–	–
83.0	70.0	0.0	0.0	–	0.0	0.0	2.9	0.0	0.0	–	0.0	–	–
87.0	70.0	–	0.0	–	0.0	3.4	0.0	0.0	0.0	–	0.0	–	–

Parophrys vetulus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	52.0	47.3	–	–	–	0.0	–	0.0	–	–	0.0	–	–
60.0	80.0	0.0	–	–	5.4	5.3	–	0.0	–	–	0.0	–	–
67.0	65.0	–	–	–	–	6.3	–	0.0	–	–	–	–	–
67.0	80.0	–	–	–	–	3.0	–	0.0	–	–	0.0	–	–
70.0	70.0	2.8	–	–	0.0	–	–	0.0	–	–	0.0	–	–
73.0	60.0	0.0	3.1	–	0.0	0.0	–	0.0	–	–	0.0	–	–
80.0	52.0	0.0	–	–	0.0	0.0	0.0	3.4	0.0	–	0.0	–	–
80.0	55.0	0.0	0.0	–	3.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	43.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	35.0	0.0	0.0	8.8	0.0	5.2	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0	50.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
90.0	28.0	0.0	3.3	0.0	0.0	2.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0
93.0	30.0	0.0	0.0	0.0	5.8	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0
97.0	30.0	0.0	0.0	0.0	–	7.1	0.0	4.3	0.0	–	0.0	–	–
97.0	32.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
100.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	–	0.0	–	–
100.0	30.0	0.0	0.0	2.6	5.9	0.0	0.0	0.0	0.0	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	69.0	2.5	0.0	0.0	0.0	0.0	0.0	–	–
110.0	35.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
110.0	45.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	35.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	–	–

Pleuronichthys spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
87.0	35.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
117.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	–	–
119.0	33.0	0.0	0.0	0.0	0.0	–	1.4	0.0	0.0	0.0	0.0	–	–
120.0	40.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	–	–
127.0	34.0	0.0	0.0	2.7	–	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	6.2	0.0	0.0	–	–

TABLE 4. (cont.)

Pleuronichthys coenosus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	55.0	0.0	0.0	-	0.0	0.0	0.0	3.2	0.0	-	0.0	0.0	0.0
87.0	70.0	-	0.0	-	0.0	0.0	3.3	0.0	0.0	-	0.0	-	-
90.0	50.0	0.0	0.0	0.0	2.8	0.0	2.8	-	0.0	0.0	0.0	0.0	0.0

Pleuronichthys decurrens

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0	90.0	0.0	-	-	3.3	0.0	-	0.0	-	-	0.0	-	-
63.0	90.0	0.0	-	-	0.0	2.9	-	0.0	-	-	0.0	-	-
70.0	80.0	0.0	-	-	0.0	3.4	-	0.0	-	-	0.0	-	-
70.0	85.0	-	-	-	-	3.5	-	0.0	-	-	-	-	-

Pleuronichthys ritteri

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
93.0	28.0	-	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0
120.0	30.0	0.0	0.0	0.0	0.0	-	0.0	2.6	0.0	0.0	0.0	-	-

Pleuronichthys verticalis

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	55.0	2.8	0.0	-	0.0	-	0.0	0.0	0.0	-	0.0	0.0	0.0
90.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
107.0	32.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	3.3	-	0.0	-	-
113.0	30.0	0.0	2.6	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	-

Psettichthys melanostictus

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
70.0	60.0	0.0	-	-	3.0	0.0	-	0.0	-	-	0.0	-	-
87.0	40.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	50.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	-	0.0	0.0	0.0

Symphurus spp.

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
77.0	50.0	0.0	0.0	-	0.0	0.0	0.0	2.8	0.0	-	0.0	-	-
77.0	60.0	0.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	2.6	0.0

TABLE 4. (cont.)

Symphurus spp. (cont.)

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	3.5	0.0	–	0.0	0.0	0.0
83.0	51.0	0.0	0.0	–	0.0	0.0	0.0	4.5	3.1	–	0.0	0.0	0.0
83.0	55.0	0.0	0.0	–	0.0	0.0	0.0	2.6	0.0	–	0.0	0.0	0.0
83.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.8	–	–
87.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	4.7	0.0	0.0
87.0	70.0	–	0.0	–	0.0	0.0	0.0	0.0	0.0	–	2.9	–	–
90.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	0.0	3.0
93.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0	70.0	0.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
100.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	–	0.0	–	–
103.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	2.5	–	–
107.0	32.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	9.0	–	2.4	–	–
110.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	2.8	–	–
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	2.1	0.0	–	–
115.0	40.0	–	–	–	–	–	–	–	–	2.3	–	–	–
117.0	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	0.0	–	–
117.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	5.2	–	–
117.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	12.1	–	–
117.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	–	–
118.5	35.0	–	–	–	–	–	–	–	–	3.0	–	–	–
119.0	33.0	0.0	0.0	0.0	0.0	–	0.0	0.0	3.0	5.8	3.0	–	–
120.0	35.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0	8.7	8.1	–	–
120.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	–	–
120.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7	–	0.0	–	–
120.7	26.0	–	–	–	–	–	–	–	–	1.8	–	–	–
121.2	34.0	–	–	–	–	–	–	–	–	17.6	–	–	–
121.3	30.0	–	–	–	–	–	–	–	–	12.9	–	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	0.0	8.9	7.7	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	3.0	0.0	0.0	0.0	2.7	–	–
123.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	2.8	–	0.0	–	–
123.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.8	–	0.0	–	–
123.0	70.0	0.0	–	–	–	0.0	0.0	0.0	11.5	–	0.0	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	5.4	0.0	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	2.6	0.0	–	–
127.0	60.0	0.0	0.0	0.0	–	0.0	0.0	0.0	11.3	–	0.0	–	–
127.0	65.0	–	–	–	–	0.0	0.0	0.0	3.1	–	–	–	–
130.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.4	3.1	0.0	–	–
130.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7	8.6	0.0	–	–
133.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	14.3	17.3	–	–
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	–	0.0	–	–

TABLE 4. (cont.)

Symphurus spp. (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
133.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	–	0.0	–	–
134.0	36.0	0.0	0.0	0.0	0.0	–	0.0	0.0	1.5	0.0	0.0	–	–
137.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.4	25.9	–	–
137.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	17.6	–	–
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.8	–	0.0	–	–
137.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	–	0.0	–	–
137.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	–	0.0	–	–
140.0	35.0	0.0	–	–	0.0	–	–	–	6.5	–	–	–	–
140.0	50.0	0.0	–	–	0.0	–	–	–	1.6	–	–	–	–
143.0	35.0	2.6	–	–	0.0	–	–	–	0.0	–	–	–	–
143.0	50.0	0.0	–	–	0.0	–	–	–	2.8	–	–	–	–
153.0	16.0	0.0	–	–	–	–	–	–	8.5	–	–	–	–
153.0	25.0	0.0	–	–	–	–	–	–	3.8	–	–	–	–

Disintegrated fish larva

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
43.0	42.0	–	–	–	–	–	–	–	–	–	2.0	–	–
50.0	85.0	–	–	–	–	–	–	2.8	–	–	–	–	–
60.0	90.0	0.0	–	–	0.0	0.0	–	2.5	–	–	0.0	–	–
63.0	55.0	0.0	–	–	0.0	0.0	–	0.0	–	–	3.2	–	–
67.0	90.0	3.2	–	–	0.0	–	–	0.0	–	–	0.0	–	–
70.0	55.0	0.0	–	–	3.5	0.0	–	0.0	–	–	0.0	–	–
70.0	60.0	0.0	–	–	0.0	2.6	–	0.0	–	–	0.0	–	–
70.0	90.0	0.0	–	–	2.6	0.0	–	0.0	–	–	0.0	–	–
73.0	51.0	0.0	3.6	–	0.0	0.0	–	3.0	–	–	0.0	–	–
73.0	55.0	0.0	3.1	–	0.0	0.0	–	0.0	–	–	0.0	–	–
73.0	60.0	0.0	0.0	–	0.0	0.0	–	6.0	–	–	0.0	–	–
73.0	70.0	0.0	0.0	–	3.2	0.0	–	0.0	–	–	0.0	–	–
73.0	90.0	–	–	–	2.9	0.0	–	0.0	–	–	0.0	–	–
77.0	50.0	0.0	7.7	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
77.0	55.0	0.0	16.0	–	3.1	–	3.1	0.0	0.0	–	0.0	0.0	0.0
77.0	57.0	–	3.0	–	–	–	–	–	–	–	–	–	–
77.0	60.0	0.0	0.0	–	2.9	2.8	3.2	0.0	0.0	–	0.0	0.0	0.0
77.0	75.0	–	–	–	–	3.0	–	0.0	–	–	–	–	–
77.0	80.0	–	–	–	0.0	0.0	14.7	0.0	–	–	0.0	–	–
80.0	53.0	–	108.5	–	–	–	–	–	–	–	–	0.0	2.8
80.0	57.0	–	6.4	–	–	–	–	–	–	–	–	–	–
80.0	60.0	5.5	0.0	–	3.2	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	70.0	2.4	0.0	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0	90.0	0.0	3.1	–	0.0	0.0	0.0	0.0	2.3	–	0.0	–	–
80.0	100.0	–	–	–	–	2.9	–	–	–	–	–	–	–
80.0	110.0	–	–	–	–	3.1	–	–	–	–	–	–	–
82.0	47.0	2.9	0.0	–	3.3	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0	40.0	0.0	25.3	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	1.8

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
83.0	43.0	0.0	6.2	8.2	0.0	0.0	0.0	0.0	0.0	-	3.0	0.0	0.0
83.0	51.0	0.0	8.5	-	35.2	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	55.0	0.0	22.1	-	0.0	0.0	0.0	2.6	0.0	-	0.0	0.0	0.0
83.0	60.0	0.0	24.9	-	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
83.0	65.0	-	-	-	3.8	0.0	0.0	0.0	0.0	-	-	-	-
83.0	70.0	0.0	0.0	-	2.8	0.0	0.0	0.0	0.0	-	0.0	-	-
83.0	75.0	-	-	-	0.0	0.0	0.0	2.9	-	-	-	-	-
83.0	85.0	-	-	-	3.0	0.0	0.0	0.0	-	-	-	-	-
87.0	35.0	0.0	22.9	0.0	0.0	0.0	0.0	0.0	3.3	-	0.0	0.0	0.0
87.0	40.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	45.0	-	-	0.0	0.0	0.0	2.2	0.0	0.0	-	0.0	2.5	0.0
87.0	50.0	0.0	86.6	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0
87.0	55.0	3.2	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	2.8	0.0
87.0	60.0	-	4.0	-	6.1	0.0	0.0	3.0	0.0	-	0.0	0.0	0.0
87.0	70.0	-	0.0	-	0.0	0.0	3.3	0.0	0.0	-	0.0	-	-
87.0	90.0	-	0.0	-	5.7	0.0	0.0	0.0	0.0	-	0.0	-	-
90.0	30.0	0.0	2.7	0.0	-	-	-	-	-	-	-	0.0	-
90.0	32.0	0.0	0.0	-	0.0	2.7	0.0	0.0	0.0	0.0	0.0	-	0.0
90.0	37.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0
90.0	45.0	0.0	3.1	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	50.0	0.0	0.0	0.0	0.0	0.0	5.6	-	0.0	0.0	0.0	0.0	0.0
90.0	60.0	-	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	65.0	-	-	2.3	-	3.1	0.0	0.0	0.0	0.0	-	-	-
90.0	70.0	-	0.0	0.0	2.9	3.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0
90.0	80.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0
90.0	85.0	-	-	-	0.0	0.0	-	3.0	0.0	0.0	-	-	-
90.0	90.0	-	1.5	4.5	0.0	0.0	-	0.0	0.0	0.0	0.0	-	2.9
93.0	28.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
93.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0
93.0	40.0	0.0	0.0	2.7	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0
93.0	50.0	0.0	0.0	8.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	55.0	0.0	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	75.0	-	-	-	2.9	0.0	0.0	0.0	0.0	2.7	-	-	-
93.0	80.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.6	0.0
93.0	85.0	-	-	-	0.0	3.1	0.0	0.0	0.0	0.0	-	-	-
93.0	90.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0
97.0	32.0	0.0	0.0	0.0	2.8	2.9	0.0	2.8	0.0	-	0.0	-	-
97.0	35.0	0.0	2.5	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
97.0	40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	-	0.0	-	-
97.0	45.0	0.0	0.0	0.0	0.0	3.1	0.0	2.9	0.0	-	0.0	-	-
97.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	-	0.0	-	-
97.0	65.0	-	-	-	0.0	5.7	0.0	0.0	0.0	-	-	-	-
97.0	70.0	0.0	0.0	-	0.0	0.0	0.0	3.1	0.0	-	0.0	-	-
97.0	75.0	-	-	-	0.0	0.0	6.1	2.9	0.0	-	-	-	-
97.0	80.0	3.0	0.0	-	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
97.0	90.0	2.5	0.0	-	0.0	0.0	0.0	0.0	0.0	-	6.6	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
100.0	29.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0	2.9	-	0.0	-	-
100.0	30.0	0.0	0.0	2.6	0.0	6.0	0.0	0.0	0.0	-	0.0	-	-
100.0	35.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	40.0	-	0.0	5.2	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	45.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0	-	-
100.0	50.0	2.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0	-	11.9	-	-
100.0	55.0	-	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	6.1	-	-
100.0	65.0	-	-	-	0.0	8.1	0.0	-	0.0	-	-	-	-
100.0	70.0	0.0	2.5	-	0.0	0.0	0.0	0.0	3.2	-	0.0	-	-
100.0	80.0	0.0	0.0	-	0.0	0.0	0.0	0.0	3.4	-	0.0	-	-
100.0	85.0	-	-	-	0.0	0.0	0.0	0.0	3.1	-	-	-	-
103.0	30.0	0.0	8.6	5.1	0.0	0.0	0.0	-	1.4	-	0.0	-	-
103.0	40.0	0.0	0.0	0.0	5.1	0.0	0.0	-	0.0	-	2.9	-	-
103.0	45.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	-	2.8	-	-
103.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	5.6	-	-
103.0	55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.4	-	-
103.0	65.0	-	-	-	0.0	0.0	25.5	0.0	0.0	-	-	-	-
103.0	70.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	9.9	-	0.0	-	-
103.0	75.0	-	-	-	0.0	0.0	0.0	2.8	0.0	-	-	-	-
103.0	90.0	0.0	-	-	0.0	0.0	0.0	0.0	0.0	-	3.0	-	-
107.0	32.0	0.0	0.0	10.9	0.0	0.0	0.0	11.3	0.0	-	0.0	-	-
107.0	35.0	0.0	0.0	5.1	17.4	0.0	0.0	0.0	0.0	-	0.0	-	-
107.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	2.4	-	-
107.0	50.0	0.0	4.6	2.6	0.0	6.4	0.0	0.0	0.0	-	0.0	-	-
107.0	55.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	6.4	-	-	-	-
107.0	60.0	0.0	0.0	0.0	0.0	2.8	0.0	5.9	0.0	-	0.0	-	-
107.0	70.0	0.0	-	0.0	0.0	0.0	0.0	2.8	3.1	-	0.0	-	-
107.0	75.0	-	-	-	0.0	0.0	2.8	0.0	6.0	-	-	-	-
107.0	85.0	-	-	-	0.0	0.0	0.0	0.0	13.0	-	-	-	-
110.0	33.0	0.0	6.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	-	-
110.0	35.0	0.0	3.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	2.8	-	-
110.0	40.0	0.0	0.0	0.0	9.2	2.7	0.0	0.0	0.0	0.0	2.5	-	-
110.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	-	0.0	-	-
110.0	50.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	9.4	-	0.0	-	-
110.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-	0.0	-	-
110.0	75.0	-	-	-	0.0	0.0	0.0	0.0	3.1	-	-	-	-
110.0	80.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
110.0	85.0	-	-	-	0.0	2.9	0.0	0.0	-	-	-	-	-
110.0	90.0	0.0	2.7	0.0	-	2.9	0.0	4.8	-	-	4.5	-	-
113.0	30.0	0.0	0.0	0.0	7.1	0.0	0.0	-	2.4	0.0	1.9	-	-
113.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	-	-
113.0	40.0	-	0.0	0.0	0.0	0.0	5.6	5.9	2.8	0.0	0.0	-	-
113.0	45.0	0.0	5.1	0.0	2.6	0.0	0.0	0.0	3.5	-	0.0	-	-
113.0	50.0	3.0	0.0	0.0	0.0	0.0	0.0	2.7	2.9	-	0.0	-	-
113.0	55.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	-	3.1	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
113.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.0	–	–	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	9.8	–	0.0	–	–
113.0	75.0	–	–	–	0.0	0.0	0.0	19.0	0.0	–	–	–	–
113.0	80.0	0.0	–	0.0	0.0	0.0	0.0	11.9	0.0	–	0.0	–	–
117.0	26.0	5.8	0.0	2.6	2.2	5.6	0.0	0.0	0.0	0.0	0.0	–	–
117.0	30.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
117.0	40.0	0.0	0.0	0.0	38.7	0.0	3.2	2.9	3.3	0.0	0.0	–	–
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.9	–	0.0	–	–
117.0	50.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	55.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	70.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	80.0	0.0	–	5.6	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
117.0	90.0	0.0	–	–	0.0	0.0	0.0	0.0	–	–	2.7	–	–
118.0	39.0	0.0	0.0	6.0	0.0	0.0	0.0	2.9	6.2	2.5	0.0	–	–
118.5	25.0	–	–	–	–	–	–	–	–	2.8	–	–	–
119.0	33.0	22.0	0.0	8.3	0.0	–	0.0	2.6	0.0	0.0	3.0	–	–
120.0	25.0	0.0	0.0	10.0	2.5	–	0.0	0.0	0.0	0.0	0.0	–	–
120.0	30.0	23.1	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	–	–
120.0	35.0	0.0	0.0	6.5	0.0	–	0.0	2.7	3.0	8.7	5.4	–	–
120.0	40.0	0.0	0.0	0.0	0.0	1.8	2.0	0.0	0.0	0.0	0.0	–	–
120.0	45.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	–	–
120.0	50.0	10.4	0.0	2.8	0.0	0.0	0.0	2.8	5.3	–	0.0	–	–
120.0	60.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	2.8	–	0.0	–	–
120.0	65.0	–	0.0	0.0	0.0	13.9	0.0	0.0	0.0	–	–	–	–
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	–	2.7	–	–
120.0	80.0	0.0	0.0	0.0	0.0	13.1	0.0	0.0	0.0	–	0.0	–	–
120.0	90.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	–	–	0.0	–	–
121.2	34.0	–	–	–	–	–	–	–	–	2.9	–	–	–
123.0	37.0	0.0	0.0	0.0	–	0.0	0.0	2.0	3.0	7.7	0.0	–	–
123.0	42.0	0.0	0.0	0.0	–	0.0	0.0	0.0	0.0	0.0	5.4	–	–
123.0	45.0	0.0	0.0	3.7	–	5.6	0.0	0.0	–	0.0	0.0	–	–
123.0	50.0	–	0.0	0.0	–	0.0	5.7	0.0	0.0	–	0.0	–	–
123.0	55.0	–	0.0	0.0	–	0.0	0.0	0.0	0.0	–	2.7	–	–
123.0	60.0	0.0	0.0	0.0	–	8.4	0.0	0.0	5.5	–	0.0	–	–
123.0	65.0	–	–	–	–	2.6	5.5	0.0	0.0	–	–	–	–
127.0	34.0	0.0	0.0	0.0	–	0.0	0.0	2.5	0.0	0.0	0.0	–	–
127.0	40.0	0.0	0.0	0.0	–	0.0	0.0	0.0	2.7	0.0	0.0	–	–
127.0	45.0	0.0	0.0	0.0	–	2.8	0.0	0.0	2.6	2.5	0.0	–	–
127.0	55.0	–	9.0	0.0	–	2.5	2.8	0.0	0.0	–	0.0	–	–
127.0	60.0	0.0	0.0	3.1	–	0.0	0.0	0.0	2.8	–	2.8	–	–
127.0	65.0	–	–	–	–	5.4	0.0	0.0	18.5	–	–	–	–
127.0	70.0	0.0	–	–	–	0.0	2.8	0.0	0.0	–	0.0	–	–
130.0	30.0	2.5	2.2	0.0	0.0	0.0	0.0	0.0	43.0	0.0	0.0	–	–
130.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	3.0	–	–
130.0	40.0	0.0	3.0	5.7	0.0	2.6	0.0	0.0	5.7	0.0	6.1	–	–
130.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	2.8	–	–

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	50.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
130.0	55.0	0.0	3.0	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	7.4	-	0.0	-	-
130.0	65.0	-	-	-	-	-	2.8	0.0	4.8	-	-	-	-
133.0	25.0	2.1	0.0	2.8	0.0	0.0	0.0	0.0	-	2.8	0.0	-	-
133.0	30.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	-
133.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	-	0.0	-	-
133.0	40.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	-	0.0	-	-
133.0	45.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	6.1	-	0.0	-	-
133.0	50.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	-	11.0	-	-
133.0	55.0	0.0	-	-	0.0	-	-	0.0	0.0	-	4.9	-	-
133.0	60.0	0.0	-	-	0.0	-	-	0.0	3.5	-	2.8	-	-
133.0	70.0	-	-	-	-	-	-	0.0	1.3	-	0.0	-	-
134.0	36.0	11.7	0.0	0.0	0.0	-	2.7	0.0	0.8	0.0	5.5	-	-
137.0	23.0	0.0	5.5	2.7	0.0	0.0	0.0	0.0	1.8	0.0	2.0	-	-
137.0	30.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	-	11.9	5.0	-	-
137.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	5.0	-	-
137.0	40.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	-	0.0	-	-
137.0	45.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	13.4	-	5.4	-	-
137.0	50.0	0.0	0.0	0.0	2.7	6.7	0.0	0.0	0.0	-	0.0	-	-
137.0	60.0	0.0	-	-	0.0	-	-	0.0	-	-	2.8	-	-
140.0	30.0	0.0	-	-	0.0	-	-	-	2.7	-	-	-	-
140.0	40.0	0.0	-	-	11.0	-	-	-	1.1	-	-	-	-
140.0	50.0	0.0	-	-	0.0	-	-	-	13.2	-	-	-	-
140.0	55.0	1.9	-	-	0.0	-	-	-	0.0	-	-	-	-
140.0	60.0	0.0	-	-	0.0	-	-	-	2.3	-	-	-	-
143.0	30.0	2.0	-	-	0.0	-	-	-	2.7	-	-	-	-
143.0	45.0	0.0	-	-	0.0	-	-	-	28.2	-	-	-	-
143.0	50.0	0.0	-	-	2.9	-	-	-	0.0	-	-	-	-
143.0	55.0	0.0	-	-	0.0	-	-	-	6.9	-	-	-	-
143.0	60.0	0.0	-	-	0.0	-	-	-	3.9	-	-	-	-
147.0	25.0	2.0	-	-	0.0	-	-	-	4.3	-	-	-	-
147.0	30.0	5.7	-	-	0.0	-	-	-	0.0	-	-	-	-
147.0	35.0	6.0	-	-	0.0	-	-	-	4.9	-	-	-	-
147.0	40.0	2.2	-	-	0.0	-	-	-	2.1	-	-	-	-
147.0	45.0	2.1	-	-	0.0	-	-	-	1.3	-	-	-	-
147.0	50.0	0.0	-	-	0.0	-	-	-	7.8	-	-	-	-
147.0	55.0	2.5	-	-	6.1	-	-	-	0.0	-	-	-	-
150.0	25.0	0.0	-	-	-	-	-	-	11.1	-	-	-	-
150.0	30.0	0.0	-	-	-	-	-	-	3.0	-	-	-	-
150.0	45.0	2.4	-	-	-	-	-	-	6.4	-	-	-	-
150.0	50.0	0.0	-	-	-	-	-	-	6.9	-	-	-	-
150.0	55.0	2.0	-	-	-	-	-	-	3.7	-	-	-	-
153.0	16.0	0.0	-	-	-	-	-	-	6.8	-	-	-	-
153.0	25.0	3.0	-	-	-	-	-	-	1.9	-	-	-	-
153.0	40.0	2.8	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Disintegrated fish larva (cont.)

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
153.0 45.0	2.7	–	–	–	–	–	–	–	–	–	–	–
153.0 80.0	2.9	–	–	–	–	–	–	–	–	–	–	–
157.0 15.0	6.4	–	–	–	–	–	–	–	–	–	–	–
157.0 55.0	2.4	–	–	–	–	–	–	–	–	–	–	–
157.0 70.0	1.8	–	–	–	–	–	–	–	–	–	–	–

Unidentified fish larva

STATION	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
60.0 75.0	–	–	–	–	0.0	–	5.7	–	–	–	–	–
60.0 80.0	0.0	–	–	5.4	0.0	–	0.0	–	–	0.0	–	–
63.0 90.0	0.0	–	–	2.8	0.0	–	0.0	–	–	0.0	–	–
67.0 50.0	0.0	–	–	0.0	0.0	–	0.0	–	–	3.0	–	–
67.0 70.0	0.0	–	–	–	0.0	–	0.0	–	–	2.8	–	–
73.0 51.0	0.0	0.0	–	0.0	0.0	–	3.0	–	–	0.0	–	–
73.0 65.0	–	–	–	2.9	0.0	–	0.0	–	–	–	–	–
77.0 50.0	0.0	2.6	–	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
77.0 53.0	–	3.2	–	–	–	–	–	–	–	–	0.0	0.0
77.0 60.0	0.0	0.0	–	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
77.0 85.0	–	–	–	–	0.0	0.0	3.2	–	–	–	–	–
80.0 52.0	2.4	–	–	0.0	0.0	10.6	0.0	0.0	–	0.0	–	–
80.0 55.0	0.0	12.4	–	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
80.0 75.0	–	–	–	0.0	0.0	2.9	0.0	0.0	–	–	–	–
80.0 85.0	–	–	–	0.0	0.0	0.0	0.0	3.3	–	–	–	–
80.0 120.0	–	–	–	–	2.9	–	–	–	–	–	–	–
82.0 47.0	5.8	0.0	–	0.0	0.0	0.0	8.2	0.0	–	0.0	0.0	0.0
83.0 40.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	0.0
83.0 51.0	6.0	0.0	–	0.0	0.0	0.0	0.0	3.1	–	0.0	0.0	0.0
83.0 90.0	0.0	0.0	–	3.2	0.0	0.0	0.0	0.0	–	0.0	–	–
87.0 35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	1.6	0.0	0.0
87.0 40.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	–	0.0	0.0	0.0
87.0 50.0	0.0	3.6	0.0	0.0	0.0	0.0	2.5	0.0	–	0.0	0.0	0.0
90.0 28.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	4.5	0.0	0.0
90.0 32.0	0.0	0.0	–	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0
90.0 80.0	–	1.5	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0
90.0 100.0	–	–	–	–	2.8	–	–	–	0.0	–	–	0.0
90.0 130.0	–	–	–	–	2.8	–	–	–	–	–	–	–
93.0 28.0	–	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0
93.0 50.0	0.0	0.0	32.1	0.0	5.7	3.3	0.0	0.0	0.0	0.0	0.0	0.0
93.0 75.0	–	–	–	0.0	0.0	0.0	2.7	0.0	2.7	–	–	–
93.0 80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
93.0 85.0	–	–	–	0.0	0.0	0.0	0.0	0.0	2.6	–	–	–
93.0 90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	2.8	–	–	0.0
93.0 110.0	–	–	–	–	–	–	–	–	8.2	–	–	–
97.0 30.0	0.0	0.0	0.0	–	2.4	0.0	2.1	0.0	–	5.2	–	–

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
97.0	32.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0	–	–
97.0	35.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	2.9	–	0.0	–	–
97.0	70.0	0.0	0.0	–	0.0	0.0	3.2	3.1	0.0	–	2.9	–	–
97.0	75.0	–	–	–	0.0	0.0	0.0	8.6	0.0	–	–	–	–
97.0	80.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–
97.0	85.0	–	–	–	2.9	0.0	0.0	0.0	9.1	–	–	–	–
97.0	90.0	0.0	0.0	–	0.0	0.0	0.0	0.0	3.0	–	0.0	–	–
100.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	–	0.0	–	–
100.0	30.0	0.0	0.0	0.0	3.0	0.0	0.0	36.4	14.6	–	3.0	–	–
100.0	55.0	–	2.3	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
100.0	60.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	–	0.0	–	–
100.0	85.0	–	–	–	0.0	0.0	3.3	0.0	6.3	–	–	–	–
103.0	30.0	0.0	0.0	2.5	0.0	0.0	5.2	–	2.8	–	0.0	–	–
103.0	35.0	0.0	2.3	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	2.8	0.0	3.0	–	0.0	–	–
103.0	70.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
103.0	75.0	–	–	–	0.0	0.0	3.1	0.0	0.0	–	–	–	–
103.0	80.0	0.0	–	0.0	0.0	0.0	0.0	2.8	3.2	–	0.0	–	–
103.0	90.0	0.0	–	–	0.0	0.0	3.2	0.0	0.0	–	0.0	–	–
107.0	32.0	0.0	0.0	0.0	9.5	0.0	8.3	0.0	6.7	–	0.0	–	–
107.0	35.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	–	0.0	–	–
107.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	–	0.0	–	–
107.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	6.1	–	–
107.0	55.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	3.2	–	–	–	–
107.0	75.0	–	–	–	0.0	0.0	0.0	0.0	3.0	–	–	–	–
107.0	80.0	0.0	–	0.0	0.0	0.0	0.0	2.8	0.0	–	0.0	–	–
107.0	90.0	0.0	–	–	0.0	3.2	0.0	0.0	0.0	–	0.0	–	–
110.0	33.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	2.5	0.0	0.0	–	–
110.0	35.0	0.0	0.0	0.0	9.4	2.7	0.0	0.0	0.0	0.0	0.0	–	–
110.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	–	0.0	–	–
110.0	65.0	–	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	–	–	–
110.0	70.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	3.2	–	0.0	–	–
110.0	75.0	–	–	–	0.0	0.0	0.0	5.5	0.0	–	–	–	–
110.0	80.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	3.2	–	0.0	–	–
113.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	0.0	3.8	–	–
113.0	35.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	–	–
113.0	45.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	–	0.0	–	–
113.0	50.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	–	0.0	–	–
113.0	55.0	2.1	0.0	0.0	0.0	0.0	0.0	3.0	3.0	–	0.0	–	–
113.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	12.2	0.0	–	0.0	–	–
113.0	90.0	0.0	–	–	0.0	0.0	0.0	2.9	–	–	0.0	–	–
117.0	26.0	0.0	0.0	0.0	2.2	0.0	5.5	0.0	0.0	2.7	0.0	–	–
117.0	30.0	0.0	5.2	8.5	0.0	0.0	7.9	5.1	0.0	0.0	0.0	–	–
117.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	–	–
117.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	–	–
117.0	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	–	0.0	–	–

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
117.0	50.0	0.0	0.0	0.0	0.0	3.1	2.6	0.0	0.0	-	0.0	-	-
117.0	55.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0	-	0.0	-	-
117.0	60.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0	3.0	-	0.0	-	-
117.0	65.0	-	0.0	0.0	0.0	0.0	0.0	5.7	0.0	-	-	-	-
117.0	70.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	3.0	-	0.0	-	-
117.0	80.0	0.0	-	0.0	0.0	0.0	3.0	0.0	0.0	-	0.0	-	-
117.0	85.0	-	-	-	0.0	0.0	5.2	0.0	-	-	-	-	-
117.0	90.0	0.0	-	-	0.0	0.0	3.0	0.0	-	-	0.0	-	-
118.0	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	0.0	0.0	-	-
119.0	33.0	0.0	0.0	2.8	0.0	-	0.0	0.0	26.9	0.0	0.0	-	-
120.0	25.0	0.0	5.3	0.0	14.8	-	6.4	0.0	7.9	2.2	0.0	-	-
120.0	30.0	2.3	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	9.1	11.6	0.0	-	-
120.0	40.0	0.0	2.4	0.0	1.6	0.0	0.0	7.4	0.0	8.2	0.0	-	-
120.0	45.0	2.7	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	-	-
120.0	50.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	-	0.0	-	-
120.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	-	0.0	-	-
120.0	65.0	-	0.0	0.0	0.0	0.0	0.0	3.0	9.9	-	-	-	-
120.0	70.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	-	0.0	-	-
120.0	80.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	2.9	-	5.5	-	-
120.0	90.0	0.0	8.0	0.0	0.0	0.0	0.0	0.0	-	-	0.0	-	-
120.7	26.0	-	-	-	-	-	-	-	-	1.8	-	-	-
121.2	34.0	-	-	-	-	-	-	-	-	8.8	-	-	-
121.3	30.0	-	-	-	-	-	-	-	-	5.2	-	-	-
123.0	37.0	0.0	0.0	0.0	-	0.0	4.4	5.9	0.0	5.1	8.8	-	-
123.0	42.0	0.0	0.0	0.0	-	0.0	8.9	0.0	0.0	0.0	0.0	-	-
123.0	45.0	0.0	0.0	0.0	-	0.0	11.8	0.0	-	0.0	0.0	-	-
123.0	50.0	-	0.0	0.0	-	0.0	8.6	0.0	0.0	-	0.0	-	-
123.0	55.0	-	0.0	3.0	-	0.0	0.0	0.0	0.0	-	0.0	-	-
123.0	60.0	0.0	0.0	0.0	-	5.6	0.0	0.0	0.0	-	2.5	-	-
123.0	65.0	-	-	-	-	0.0	2.7	0.0	5.8	-	-	-	-
123.0	70.0	0.0	-	-	-	3.5	0.0	0.0	14.3	-	0.0	-	-
127.0	34.0	4.6	0.0	0.0	-	0.0	0.0	0.0	31.4	0.0	4.4	-	-
127.0	40.0	3.2	0.0	0.0	-	0.0	0.0	0.0	2.7	0.0	0.0	-	-
127.0	45.0	0.0	0.0	0.0	-	0.0	5.3	0.0	0.0	5.1	0.0	-	-
127.0	55.0	-	0.0	0.0	-	0.0	2.8	0.0	5.3	-	0.0	-	-
127.0	60.0	0.0	0.0	0.0	-	0.0	2.6	2.9	2.8	-	2.8	-	-
127.0	65.0	-	-	-	-	0.0	2.8	0.0	3.1	-	-	-	-
127.0	70.0	0.0	-	-	-	0.0	0.0	0.0	2.9	-	0.0	-	-
130.0	30.0	2.5	0.0	0.0	2.2	0.0	0.0	0.0	26.6	0.0	2.4	-	-
130.0	35.0	0.0	0.0	0.0	5.5	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	3.1	0.0	2.3	0.0	0.0	-	-
130.0	45.0	0.0	0.0	2.8	0.0	0.0	0.0	0.0	4.2	0.0	0.0	-	-
130.0	55.0	0.0	0.0	3.0	0.0	2.7	0.0	0.0	1.0	-	0.0	-	-
130.0	60.0	0.0	0.0	0.0	4.5	0.0	3.0	0.0	3.7	-	0.0	-	-
130.0	65.0	-	-	-	-	-	0.0	0.0	1.2	-	-	-	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
130.0	70.0	-	-	-	-	-	0.0	0.0	0.0	-	5.7	-	-
133.0	25.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	-	2.8	2.9	-	-
133.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	-	-
133.0	35.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	-	8.5	-	-
133.0	55.0	0.0	-	-	0.0	-	-	0.0	0.8	-	0.0	-	-
133.0	70.0	-	-	-	-	-	-	0.0	0.6	-	0.0	-	-
134.0	36.0	0.0	0.0	0.0	0.0	-	0.0	0.0	0.0	0.0	2.7	-	-
137.0	23.0	0.0	5.5	0.0	0.0	0.0	0.0	2.5	3.7	6.5	0.0	-	-
137.0	30.0	0.0	2.7	8.9	0.0	0.0	0.0	0.0	-	11.9	0.0	-	-
137.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	-	0.0	-	-
137.0	45.0	0.0	23.5	3.0	0.0	0.0	0.0	0.0	12.6	-	0.0	-	-
137.0	50.0	0.0	3.1	0.0	2.7	0.0	0.0	0.0	0.0	-	0.0	-	-
137.0	55.0	2.1	-	-	3.1	-	-	0.0	0.0	-	0.0	-	-
140.0	30.0	0.0	-	-	2.8	-	-	-	0.0	-	-	-	-
140.0	35.0	0.0	-	-	0.0	-	-	-	15.3	-	-	-	-
140.0	40.0	0.0	-	-	0.0	-	-	-	1.7	-	-	-	-
140.0	45.0	0.0	-	-	0.0	-	-	-	1.8	-	-	-	-
140.0	50.0	0.0	-	-	0.0	-	-	-	4.9	-	-	-	-
140.0	60.0	0.0	-	-	0.0	-	-	-	2.3	-	-	-	-
143.0	26.0	6.6	-	-	0.0	-	-	-	44.2	-	-	-	-
143.0	30.0	0.0	-	-	0.0	-	-	-	2.7	-	-	-	-
143.0	45.0	0.0	-	-	2.6	-	-	-	1.7	-	-	-	-
143.0	60.0	4.4	-	-	0.0	-	-	-	0.0	-	-	-	-
143.0	70.0	-	-	-	-	-	-	-	5.4	-	-	-	-
147.0	20.0	6.2	-	-	0.0	-	-	-	0.0	-	-	-	-
147.0	25.0	0.0	-	-	3.5	-	-	-	0.0	-	-	-	-
147.0	30.0	5.7	-	-	0.0	-	-	-	0.0	-	-	-	-
147.0	35.0	0.0	-	-	0.0	-	-	-	6.5	-	-	-	-
147.0	45.0	0.0	-	-	0.0	-	-	-	2.5	-	-	-	-
147.0	50.0	0.0	-	-	5.7	-	-	-	0.0	-	-	-	-
147.0	55.0	4.9	-	-	0.0	-	-	-	0.0	-	-	-	-
147.0	60.0	0.0	-	-	0.0	-	-	-	1.0	-	-	-	-
150.0	19.0	0.0	-	-	-	-	-	-	18.5	-	-	-	-
150.0	25.0	0.0	-	-	-	-	-	-	1.9	-	-	-	-
150.0	30.0	0.0	-	-	-	-	-	-	1.5	-	-	-	-
150.0	35.0	0.0	-	-	-	-	-	-	10.2	-	-	-	-
150.0	40.0	0.0	-	-	-	-	-	-	3.1	-	-	-	-
150.0	45.0	0.0	-	-	-	-	-	-	8.0	-	-	-	-
150.0	50.0	0.0	-	-	-	-	-	-	2.3	-	-	-	-
150.0	55.0	0.0	-	-	-	-	-	-	3.7	-	-	-	-
150.0	60.0	0.0	-	-	-	-	-	-	4.1	-	-	-	-
153.0	16.0	0.0	-	-	-	-	-	-	8.5	-	-	-	-
153.0	25.0	0.0	-	-	-	-	-	-	9.4	-	-	-	-
153.0	60.0	2.5	-	-	-	-	-	-	-	-	-	-	-
157.0	10.0	3.0	-	-	-	-	-	-	-	-	-	-	-
157.0	15.0	6.4	-	-	-	-	-	-	-	-	-	-	-

TABLE 4. (cont.)

Unidentified fish larva (cont.)

STATION		JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEP.	OCT.	NOV.	DEC.
157.0	20.0	7.5	-	-	-	-	-	-	-	-	-	-	-
157.0	55.0	4.8	-	-	-	-	-	-	-	-	-	-	-
157.0	70.0	1.8	-	-	-	-	-	-	-	-	-	-	-
157.0	80.0	5.2	-	-	-	-	-	-	-	-	-	-	-

TABLE 5. Summary of pooled occurrences of all larval fish taxa taken on CalCOFI surveys from 1951 to 1960. Taxa are listed in the same order as Table 4.

Name	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Albula vulpes	3	-	-	-	-	-	1	-	-	-
Anguilliformes	35	26	15	30	4	11	33	36	33	16
Etrumeus acuminatus	25	18	28	28	5	8	27	45	31	29
Opisthonema spp.	1	4	-	1	-	4	3	4	1	-
Sardinops sagax	167	269	221	375	255	167	174	193	172	142
Engraulidae	-	-	-	-	1	-	-	2	2	-
Engraulis mordax	394	524	686	760	569	537	581	785	888	979
Alepocephalidae	2	-	-	-	1	-	-	-	-	-
Argentina sialis	55	68	89	110	81	77	56	31	30	53
Microstoma microstoma	21	28	18	39	22	17	16	34	25	23
Nansenia candida	29	17	18	27	8	13	7	17	13	20
Nansenia crassa	50	63	65	47	61	32	74	49	27	38
Bathylagus spp.	-	-	-	1	3	1	4	13	7	3
Bathylagus milleri	1	-	-	1	1	2	-	1	1	1
Bathylagus ochotensis	153	222	208	195	162	171	111	237	106	190
Bathylagus pacificus	12	15	4	11	2	-	2	24	13	2
Bathylagus wesethi	259	370	258	365	286	157	298	377	275	184
Leuroglossus schmidti	-	-	-	-	-	3	-	-	-	-
Leuroglossus stilbius	402	502	612	517	508	465	343	350	324	505
Osmeridae	-	-	-	-	-	2	-	-	-	2
Stomiiformes	-	1	16	6	3	3	2	9	13	17
Cyclothone spp.	253	283	161	184	184	74	240	317	514	271
Diplophos taenia	8	1	-	4	1	3	3	28	36	18
Ichthyococcus spp.	16	23	12	26	30	3	18	37	43	8
Vinciguerria lucetia	532	474	329	425	338	225	574	882	1209	635
Sternoptychidae	38	67	68	49	41	29	63	86	94	66
Chauliodus macouni	55	69	47	54	49	54	48	75	72	69
Idiacanthus antrostomus	48	31	14	19	10	6	19	33	38	36
Aristostomias scintillans	16	8	10	2	4	2	10	11	11	5
Bathophilus spp.	4	-	2	1	5	3	4	4	7	10
Tactostoma macropus	20	15	-	11	-	-	9	2	2	7
Stomias atriventer	96	120	86	124	87	20	67	182	181	142
Myctophiformes	-	-	-	-	-	-	-	-	-	2
Anotopterus pharao	1	-	-	-	-	-	1	-	-	-
Evermannellidae	-	-	-	-	1	-	-	-	6	3
Paralepididae	169	179	95	123	80	59	92	145	165	108
Aulopus spp.	1	-	-	-	-	-	1	-	-	-
Scopelosaurus spp.	-	-	-	-	1	1	-	3	16	15
Scopelarchidae	59	54	17	28	34	16	43	50	93	63
Myctophidae	99	186	59	53	60	55	175	174	245	317
Ceratoscopelus townsendi	140	78	33	41	58	36	165	159	373	156
Diaphus spp.	116	156	63	111	81	101	66	90	103	76
Lampadena urophaos	39	22	-	10	10	14	63	44	120	46
Lampanyctus spp.	576	555	393	154	58	45	125	121	260	209
Lampanyctus regalis	-	-	-	19	19	14	26	28	46	12
Lampanyctus ritteri	-	-	-	308	296	214	306	416	429	311

TABLE 5. (cont.)

Name	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Notolychnus valdiviae	5	4	4	2	1	2	-	1	3	12
Notoscopelus resplendens	16	4	10	8	23	1	31	24	76	64
Stenobrachius leucopsarus	369	405	365	452	251	395	267	361	327	386
Triphoturus mexicanus	589	715	573	565	475	322	641	768	1069	808
Centrobranchus spp.	-	-	-	-	-	-	-	-	-	1
Diogenichthys spp.	10	3	2	-	6	3	30	35	79	97
Diogenichthys atlanticus	109	112	68	87	90	85	109	126	116	121
Diogenichthys laternatus	230	233	232	346	265	113	412	416	442	210
Electrona rissoi	15	4	4	-	1	-	-	-	2	1
Gonichthys tenuiculus	49	44	38	45	37	12	81	126	181	55
Hygophum spp.	29	20	23	10	6	6	15	47	91	73
Hygophum atratum	47	35	33	36	43	22	88	96	138	21
Hygophum proximum	-	-	-	-	-	-	-	-	-	2
Hygophum reinhardtii	17	14	1	5	13	7	20	6	16	44
Loweina rara	19	18	33	29	14	5	7	8	9	10
Myctophum aurolaternatum	6	-	-	1	1	4	3	13	4	4
Myctophum nitidulum	30	34	7	11	13	13	27	56	105	43
Protomyctophum crockeri	370	345	211	293	312	243	254	360	424	417
Symbolophorus californiensis	206	183	132	146	102	60	142	216	191	109
Tarletonbeania crenularis	306	399	243	164	103	236	116	90	113	222
Synodus spp.	41	63	44	82	41	39	70	53	66	51
Bregmaceros spp.	2	-	-	1	3	-	13	11	13	19
Merluccius productus	351	366	417	543	439	365	331	541	340	468
Moridae	1	-	-	-	-	-	5	-	-	-
Physiculus spp.	9	-	-	-	-	2	8	5	2	3
Macrouridae	5	4	6	15	3	6	2	7	3	4
Ophidiiformes	68	53	52	37	26	37	74	61	43	41
Brosmophycis marginata	9	18	9	19	6	12	14	16	10	3
Carapidae	2	1	1	3	1	2	-	4	-	1
Chilara taylori	6	17	-	8	14	9	6	-	17	8
Ophidion scrippsae	17	13	5	17	4	19	53	15	44	43
Porichthys spp.	2	-	1	-	-	-	-	-	-	1
Antennariidae	1	-	-	-	-	-	1	-	-	-
Ceratioidei	3	3	-	2	-	2	16	16	50	19
Lophiidae	-	-	-	-	-	-	-	-	1	-
Gobiesocidae	-	1	-	-	1	-	1	1	-	1
Exocoetidae	8	2	6	1	-	1	5	1	6	4
Hemiramphidae	5	-	-	-	-	-	1	1	-	-
Cololabis saira	53	28	42	22	54	23	14	28	20	16
Atherinidae	2	6	3	7	3	3	1	2	1	1
Trachipteridae	32	40	28	17	13	12	28	31	12	32
Melamphaes spp.	221	233	151	189	166	138	212	238	209	157
Poromitra spp.	1	4	12	28	4	18	21	4	17	19
Scopeloberyx robustus	-	-	-	-	-	-	-	-	-	3
Scopelogadus bispinosus	4	4	1	15	6	5	26	27	60	26
Fistulariidae	-	-	-	-	-	-	-	1	-	-
Macroramphosus gracilis	1	-	-	-	2	-	2	-	1	1
Syngnathus spp.	5	6	12	4	6	2	5	2	3	7

TABLE 5. (cont.)

Name	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Agonidae	2	4	12	23	10	7	11	11	8	8
Anoplopoma fimbria	-	1	1	-	-	-	-	-	-	-
Cottidae	24	36	22	49	57	37	31	20	27	30
Scorpaenichthys marmoratus	6	8	3	17	4	13	3	6	4	6
Cyclopteridae	4	13	16	8	5	8	3	4	2	11
Hexagrammidae	1	-	-	-	-	-	1	2	-	1
Ophiodon elongatus	-	1	-	-	2	1	1	3	-	-
Oxylebius pictus	-	-	4	3	-	7	4	12	3	9
Zaniolepis spp.	-	1	9	5	4	9	2	6	6	9
Scorpaenidae	10	9	2	-	-	1	1	-	2	2
Scorpaena spp.	-	-	-	-	-	15	30	9	28	29
Sebastes spp.	600	686	771	841	637	613	558	665	602	572
Sebastolobus spp.	24	16	2	1	-	2	5	2	10	25
Prionotus spp.	24	19	12	13	-	19	30	25	28	17
Blennioidei	2	-	-	-	-	1	2	-	-	1
Bathymasteridae	-	-	-	-	-	-	-	-	-	1
Hypsoblennius spp.	18	32	38	27	14	11	26	51	59	47
Clinidae	7	4	12	19	15	17	14	20	15	18
Gobiidae	116	107	61	113	56	71	93	84	108	67
Icosteus aenigmaticus	1	4	-	-	-	1	-	-	2	3
Labridae	74	135	93	124	57	39	97	82	122	75
Pomacentridae	-	-	-	14	-	8	24	9	18	2
Chromis punctipinnis	37	27	-	21	4	18	12	16	16	38
Hypsypops rubicundus	-	-	-	-	-	-	-	-	2	-
Mugil spp.	2	-	-	1	-	2	1	-	9	3
Apogonidae	1	-	2	-	-	-	-	3	5	4
Brama spp.	4	1	-	2	2	-	15	5	9	6
Carangidae	15	14	-	9	-	9	10	15	26	12
Seriola spp.	-	-	-	1	-	-	-	-	1	1
Seriola lalandi	-	-	-	5	2	11	36	7	36	21
Trachurus symmetricus	372	419	322	373	369	217	295	328	286	227
Coryphaena hippurus	-	-	-	-	-	6	24	13	27	7
Gerreidae	-	-	-	-	-	-	13	5	7	8
Haemulidae	-	-	-	-	-	-	14	6	11	17
Girella nigricans	-	5	-	1	-	3	3	4	2	4
Medialuna californiensis	9	11	-	17	5	5	12	2	1	4
Caulolatilus princeps	-	-	-	12	4	8	10	2	10	9
Mullidae	-	-	-	-	-	-	-	-	6	-
Priacanthidae	-	-	-	-	-	-	-	-	1	-
Sciaenidae	12	61	30	90	61	58	70	76	71	74
Serranidae	20	29	10	29	1	8	17	31	66	39
Gempylidae	2	1	-	-	-	-	-	6	4	10
Scombridae	-	1	-	1	2	-	7	4	3	40
Auxis spp.	9	1	1	1	-	9	23	3	20	-
Euthynnus spp.	-	-	-	-	-	-	-	-	3	-
Sarda chiliensis	-	-	-	-	-	4	1	2	9	2
Scomber japonicus	59	73	97	119	93	39	71	81	65	45
Scomberomorus spp.	1	-	-	-	-	1	1	3	2	-

TABLE 5. (cont.)

Name	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
Thunnus albacares	-	-	-	-	-	-	-	8	2	-
Trichiuridae	23	31	16	36	25	28	47	24	61	45
Sphyraena argentea	14	16	5	6	3	14	15	15	27	28
Icichthys lockingtoni	125	139	114	125	105	95	70	79	74	86
Nomeidae	-	-	-	-	-	-	5	2	9	3
Peprilus simillimus	14	50	28	38	47	34	37	26	22	12
Tetragonurus cuvieri	29	17	8	10	65	146	124	17	26	29
Chiasmodontidae	24	33	16	31	24	14	57	59	75	34
Uranoscopidae	1	-	-	-	-	-	1	1	1	2
Pleuronectiformes	9	13	48	46	13	6	5	11	5	16
Bothidae	-	1	-	-	-	-	-	-	-	-
Bothus spp.	3	-	1	3	1	2	4	8	4	2
Citharichthys spp.	428	524	561	147	158	82	127	118	121	151
Citharichthys fragilis	-	-	-	152	107	93	125	101	106	137
Citharichthys platophrys	-	-	-	-	-	-	-	-	1	-
Citharichthys sordidus	-	-	-	109	56	59	62	69	48	20
Citharichthys stigmaeus	-	-	-	347	206	207	191	136	134	101
Citharichthys xanthostigma	-	-	-	189	163	106	208	80	118	117
Etropus spp.	-	-	-	4	-	-	16	16	20	14
Hippoglossina spp.	1	-	-	-	-	-	-	-	-	1
Hippoglossina stomata	13	27	42	57	22	34	44	33	32	39
Paralichthys spp.	-	-	-	-	-	-	-	1	-	1
Paralichthys californicus	18	50	19	42	22	23	30	48	37	39
Syacium ovale	5	2	1	3	-	2	6	8	8	1
Xystreurys liolepis	3	16	10	5	4	1	7	2	5	8
Eopsetta jordani	-	1	-	-	-	-	-	-	-	-
Glyptocephalus zachirus	12	25	6	9	5	8	11	14	8	7
Hypsopsetta guttulata	-	-	2	-	-	-	1	3	-	1
Isopsetta isolepis	-	-	-	-	-	-	-	1	-	-
Lyopsetta exilis	51	80	68	116	57	74	90	50	48	50
Microstomus pacificus	28	30	17	17	30	19	26	20	20	15
Parophrys vetulus	-	31	45	51	50	36	39	62	29	30
Pleuronichthys spp.	14	14	10	18	23	18	7	13	7	10
Pleuronichthys coenosus	17	6	13	11	17	3	5	5	5	5
Pleuronichthys decurrens	4	4	4	2	4	2	3	4	4	3
Pleuronichthys ritteri	1	8	9	-	4	5	3	3	2	2
Pleuronichthys verticalis	3	44	24	31	26	33	40	7	7	36
Psettichthys melanostictus	-	-	-	5	-	1	5	5	3	2
Symphurus spp.	45	50	36	35	11	49	80	40	75	64
Balistidae	1	-	-	-	-	-	-	1	-	-
Tetraodontidae	2	-	-	-	1	-	-	-	-	-
Disintegrated fish larva	229	253	74	63	124	103	193	258	361	482
Unidentified fish larva	187	218	284	161	99	100	129	181	272	343

TABLE 6. List of stations which were occupied twice in one month during 1959.

Station		Month
83.0	70.0	2
87.0	60.0	2
87.0	70.0	2
87.0	80.0	2
87.0	90.0	2
90.0	60.0	2
90.0	70.0	2
90.0	80.0	2
90.0	90.0	2
123.0	42.0	2
119.0	33.0	6
120.0	25.0	6
120.0	30.0	6
120.0	35.0	6
103.0	30.0	8
103.0	35.0	8
103.0	40.0	8

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This index lists taxa included in Table 4 with their page numbers.

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