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ICHTHYOPLANKTON VERTICAL DISTRIBUTIONS NEAR OAHU, HAWAI'I, 1985-1986: DATA REPORT

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Bruce C. Mundy

NOAA-TM-NMFS-SWFSC-235

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

NOAA Technical Memorandum NMFS

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U.S. DEPARTMENT OF COMMERCE
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National Marine Fisheries Service
Rolland A. Schmitten, Assistant Administrator for Fisheries

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ABSTRACT

Data are presented on the vertical and onshore-offshore distributions of larval fishes in waters off Oahu, Hawai'i, from four seasonal cruises: September 1985, December 1985, April 1986, and June 1986. Transects on the windward and leeward sides of the island each had three stations (3.7, 9.3, and 27.8 km offshore on the windward side; 1.8, 9.3, and 27.8 km offshore on the leeward side). On each cruise, discrete-depth samples were taken in eight depth strata between 0-80 m at the two nearshore stations and nine depth strata between 0-200 m at the four offshore stations. Stations were occupied day and night and replicate samples were taken; sample processing was limited to the first replicate of all cruises, except that both replicates from the September 1985 cruise were processed.

A total of 155,390 larvae in 375 taxa was taken during these cruises. Tables of the taxa identified, the volumes of water filtered, and numbers of larvae collected in each depth stratum for each station are presented to provide complete data on the ichthyoplankton distributions from these cruises.

INTRODUCTION

Larval fishes around oceanic islands are typically a combination of open ocean and shorefish taxa. Shorefishes are species associated with sea-floor substrates, ranging from estuarine sediments to coral reefs, sandy shelves, and rocky escarpments, and the shallow (<200 m) waters over them (Leis and Trnski 1989). Shorefish species, unlike open ocean forms, generally require proximity to these substrates for survival or successful reproduction, with the substrates or waters over them comprising necessary habitat for these fishes. Habitat requirements for shorefishes vary from obligate and permanent to transient, with the former exemplified by the coral reefs used by demersal-spawning corallivores such as *Exallias brevis* and the latter exemplified by the water column used by roving schools of pelagic-spawning planktivores such as *Decapterus macarellus*. Most of these shorefish have pelagic larvae and juveniles. In all cases, a minimum number of individuals from every shorefish population must be at the appropriate habitat at critical times in their life-histories if these populations are to persist. The return or retention of these stages to adult habitats is now a subject for detailed research, in order to understand how shorefish species recruit to their required habitats at necessary times (Boehlert and Mundy 1993, Leis 1993, Cowan and Castro 1994, Thorrold et al. 1994).

Few surveys have examined the distribution of ichthyoplankton near oceanic islands in sufficient detail to describe vertical and horizontal distributions (Boehlert and Mundy 1993). Moreover, the abundance of shorefish larvae tends to be relatively low (Clarke 1991). Where such data have been examined, it is evident that larvae of some shorefish species are located in deeper waters than previously thought and may be abundant in only certain depth strata (Boehlert et al. 1992; Cowen and Castro 1994).

The impetus for the work described in this report was twofold. First, we were interested in determining whether detailed sampling could identify areas of high abundance of the larvae of important fishes. Secondly, plans to build an ocean thermal energy conversion plant near Kahe Point, Oahu, in the early 1980's (Matsumoto 1984; Myers et al. 1986) led to concerns about whether the plant's intake and outflow would be located at the same depths as the centers of vertical abundance of vulnerable fish eggs and larvae (Lamadrid-Rose and Boehlert 1988). As a consequence, we gathered data on the vertical distribution of a wide variety of fish larvae including species of interest to biologists studying recruitment of fishes at oceanic islands. These data are relevant to the interpretation of previous studies of fish larvae in Hawai'i which have often relied on surface (<10 m) samples (Miller 1974; Leis and Miller 1976; Lobel and Robinson 1988).

In this data report, we describe vertical and onshore-offshore larval fish distributions at Oahu, Hawai'i, during four seasonally timed sampling periods in 1985 and 1986. Sampling was conducted to characterize the differences in larval fish abundance between depth strata, between day and night at these depths, between different distances from shore and between the windward and leeward sides of the island. We describe the sampling program, sample handling, and present data on the distribution of all taxa across all samples. This detailed information is presented to provide insight into where the larvae of a broad variety of Hawaiian fishes occur in the water column and away from shore. Subsequent analyses in later publications will distill these data to determine how general features of distribution patterns for the dominant taxa are influenced by environmental factors.

MATERIALS AND METHODS

Four cruises aboard the NOAA ship *Townsend Cromwell* were conducted during the following periods: TC8504, 6-15 September 1985; TC8505, 12-20 December 1985; TC8602, 8-18 April 1986; and TC8604, 24 June-2 July 1986. Two transects, oriented in an east-west direction, were established, one each on the leeward (west, Kahe Point, latitude 21°21'N) and the windward (east, Kaoio Point, latitude 21°32'N) sides of the island. Stations were located 1.8, 9.3, and 27.8 km from shore along the leeward side (location designations L1, L5, and L15, respectively) and 3.7, 9.3, and 27.8 km from shore along the windward side (W2, W5, W15; Figure 1). The distances from the island for the two inshore stations (L1, W2) were chosen so that both stations were over bottom depths of ca. 100 m.

Larvae were sampled below the surface with a 1

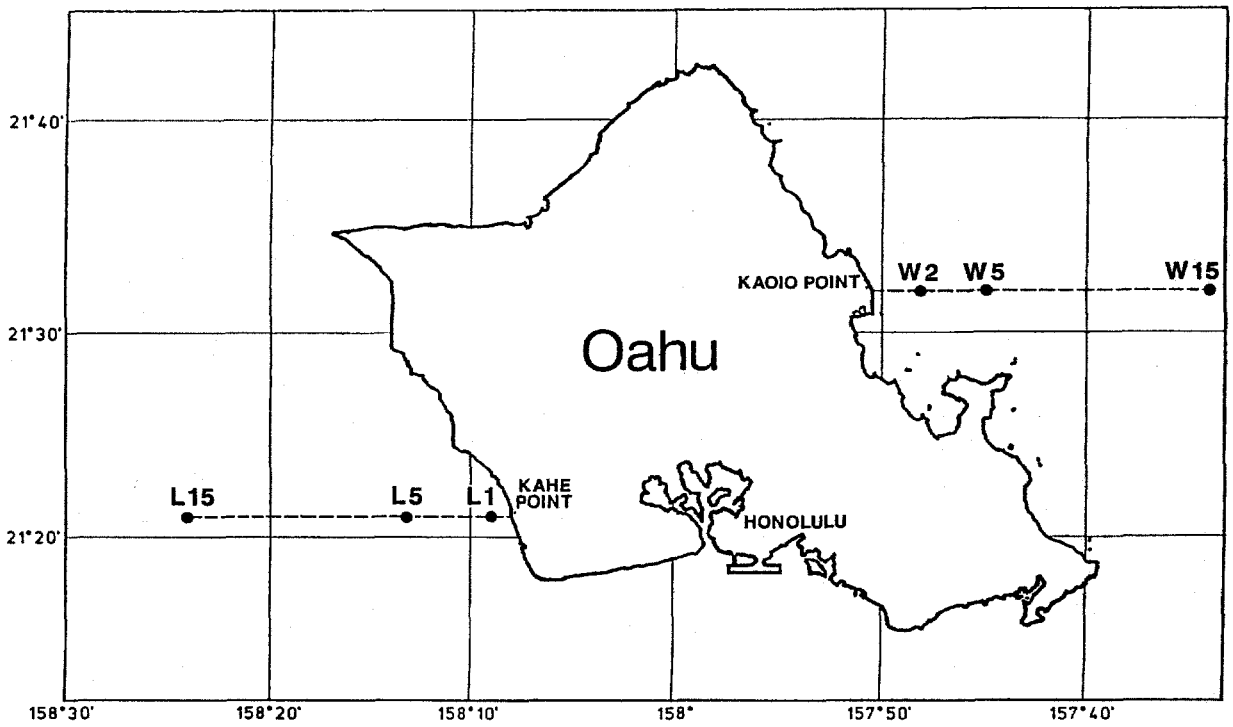

Figure 1. Map of the study site, Oahu, Hawai'i. The station designations stand for leeward (L) and windward (W), and the associated number represents the distance offshore (in nautical miles). The nearshore windward station is twice as far offshore as the nearshore station on the leeward side, but bottom depths are similar.

m^2 multiple opening-closing net and environmental sensing system (MOCNESS; Wiebe et al. 1985) and at the sea surface with a 0.49 m^2 Manta net (Brown & Cheng 1981) modified to take surface samples to a depth of 0.7 m. All nets were constructed of 0.333 mm Nitex mesh. Estimates of water volumes filtered by both gear types were based on mechanical flowmeter readings. Samples were taken in eight depth strata (neuston, 0-10, 10-20, 20-30, 30-40, 40-50, 50-60, and 60-80 m) at each nearshore station (L1, W2) and in nine depth strata (neuston, 0-20, 20-40, 40-60, 60-80, 80-100, 100-120, 120-160, and 160-200 m) at the 4 offshore stations (L5, L15, W5, W15). MOCNESS hauls were 12 minutes duration for each net (stratum), fished in a stepped oblique fashion from deep to shallow with mean tow speeds of approximately 75 cm/sec; the tow speed was adjusted to maintain a net mouth angle near 45°. Neuston tows were 24 minutes, taken during the mid-point of the MOCNESS tows. Replicate tows were taken at each station in both day and night.

In the field, samples were fixed with 10% buffered formalin in seawater. Approximately 1 month after each cruise, zooplankton displacement volumes were measured after removing gelatinous zooplankton and fishes larger than about 50 mm SL following Omori & Ikeda (1984) and samples were transferred to 60% isopropyl alcohol. All fishes and squid paralarvae were sorted from the whole samples under dissecting microscopes and stored in vials in 60% isopropyl alcohol. Fish > 20 mm total length were initially sorted separately from most of the larvae, but were later categorized as larvae or juveniles by morphological criteria (Snyder et al. 1977) during identification. Juveniles are not included in this data report because our nets did not sample this stage effectively. Squid paralarvae were transferred to the Dr. Richard Young (Dept. of Oceanography, Univ. of Hawai'i). Other taxa were not routinely sorted, but heteropods from selected samples have been transferred to Dr. Roger Seapy (Dept. of Biological Sciences, California State Univ. Fullerton; see Seapy 1990) and numbers of four species of copepods were obtained from

subsamples from certain stations by Dr. R. Patrick Hassett (Dept. of Zoology, Arizona State Univ.; see Hassett and Boehlert 1995). Only the first replicate sample was sorted for the December, April, and June cruises, whereas both replicates were processed for the September cruise.

Larval Fish Identification

All fish larvae were identified to the lowest taxonomic level possible. Primary sources for the identifications were Miller et al. (1979), Fahay (1983), Leis and Rennis (1983), Moser et al. (1984), Ozawa (1986), Okiyama (1988), and Leis and Trnski (1989). Additional references used for the identification of species within particular taxonomic groups included Bertelsen (1951), Gibbs and Collette (1959), Ebeling (1962), Ebeling and Weed (1963), Moser and Ahlstrom (1970), Matsumoto et al. (1972), Mead (1972), Johnson (1974), Pertseva-Ostroumova (1974), Richards and Potthoff (1974), Ahlstrom et al. (1976), Shiganova (1977), Fritzsche (1978), Smith (1979), Nishikawa & Rimmer (1987), Nishikawa (1987), Leis (1987), Watson (1987), and Matarese et al. (1989). Prepublication drafts of chapters from Moser (1996) assisted in the identification of larval Gonostomatidae (Watson 1996a), Sternoptychidae (Watson 1996b), Howellidae (Sandknop and Watson 1996), Labridae (Watson 1996c), and Chiasmodontidae (Watson and Sandknop 1996). Identifications were based in part on an unpublished checklist of Hawaiian fish species compiled by the junior author and the taxonomic references therein. The majority of Hawaiian fish species are listed in Gosline and Brock (1960) with additions from Randall (1976, 1980) and Randall et al. (1993a,b) for shorefishes; Clarke (1973, 1974, 1982, 1987), Clarke and Wagner (1976), and Bekker (1983) for mesopelagic fishes; and Struhsaker (1973) and Chave and Mundy (1994) for slope fishes.

Most shorefish larvae could not be identified to species, although identification to species was possible for many of the widespread oceanic taxa. This reflects the current state of knowledge of Indo-Pacific shorefish larval identification (Kendall and Matarese 1994). Many taxa were consistently recognizable even though they could not be associated with adults; they were designated as larval types (e.g., "Exocoetidae type 1"). Type numbers not included in the tables were those assigned to larvae subsequently identified as named taxa. If no specimens within a taxon were identified to species or larval type (e.g., *Cyclothone* spp.), there was uncertainty as to the number or identities of species present within the region and a lack of information on the diagnostic characters for larvae within the taxon.

A few larvae were identified to species with the qualification "cf." That is, they matched descriptions of species discussed as problematic in taxonomic reviews or whose occurrence in the central North Pacific is questionable; the qualification is intended to alert the reader that these records do not validate the nominal taxon's occurrence around the Hawaiian archipelago.

Detailed information on identifications of particular taxa can be obtained from the second author. Comments on some of these (e.g. *Bolinichthys* and *Bregmaceros* species) can be found in Boehlert and Mundy (1992 appendix). A few other comments are offered in the Results to clarify some of our identifications.

The taxonomic codes used in the present document are based upon the Coastal Zone Management (CZM) taxonomic code but have several differences. Selected changes were made to facilitate data processing and presentation of tabular results. The code listed for family is actually the CZM code for order and family combined as a four digit number. Taxa collected in our study but not included in the CZM codes were assigned interpolated codes adjacent to those of closely related species in the CZM list. Changes in species codes (to codes not otherwise used in the present study) were also made to move specific taxa to reflect current taxonomy (Eschmeyer 1990; Nelson 1994) and to assist readers in locating species in tables within this data report. The code used in this report includes the changes shown in Table 1. Please note, however, that to avoid introducing errors into our data-base we have retained many taxa in the order given by the original CZM codes and that the resultant order of listing is a hybrid between older and newer taxonomic systems. Readers are thus cautioned to refer carefully to the codes in the present report to the taxa as keyed in Table 2.

Environmental data.

Several types of environmental data were collected during these cruises. Standard NOAA weather observations were taken at hourly intervals. Surveys using CTDs and XBTs were made in grid patterns surrounding the ichthyoplankton stations on each cruise. Finally, data from the MOCNESS included real-time CTD information associated with each sample. In this report, virtually none of these data will be presented. All CTD and XBT data are available through the NODC, and data from the MOCNESS sensors (T, S, sigma-t) for specific hauls are available from the senior author of this report.

Old code	New Code	Taxon	Notes
3100 0000	3128 0000	Stomiidae (sensu lato)	
3126 0300	3125 0300	*Vinciguerria* spp.	(separates Phosichthyidae)
3126 0301	3125 0301	*Vinciguerria poweriae*	" "
3126 0302	3125 0302	*Vinciguerria nimbaria*	" "
3126 0800	3125 0800	*Woodsia nonsuchae*	" "
3126 0900	3125 0900	*Ichthyococcus* spp.	" "
3126 1001	3127 1001	*Valencienellus tripunctulatus*	(to Sternopytchidae)
3152 0102	3152 0703	*Lestidiops mirabilis*	(moved adjacent to other *Lestidiops* spp.)
3152 0202	3152 0803	*Lestrolepis leutkeni*	(moved adjacent to other *Lestrolepis* spp.)
3306 0101	2906 0101	*Chanos chanos*	(moved between Clupeiformes and Stomiiformes)
3311 0101	2911 0101	*Gonorhynchus moseleyi*	" " "
4121 0000	4206 0000	Macrouridae	(grouped with Bregmacerotidae in Gadiformes)
4401 0101	4401 5401	*Oxyporhamphus micropterus*	(moved adjacent to other Hemiramphidae)
3213 0101	4603 0101	*Eutaeniophorus festivus*	(moved into Beryciformes)
3213 0201	4603 0201	*Parataeniophorus brevis*	" " "
5514 0101	5517 0101	*Osopsaron incisum*	(moved adjacent to *Chrionema* in Percophidae)
2000 0000	9999 0000	Unidentified fish larvae	(moved to end of list)

Table 1. Changes to the taxonomic codes used in the present study.

RESULTS

The data in this report are based on a total of 520 plankton samples, with 208 in September and 104 each in December, April, and June. A total of 299,174 m^3 of water was filtered, an average of 575 m^3 per tow. Information on four species of copepods collected in this study is presented by Hassett and Boehlert (1995), on paralarvae of four cephalopod species by Bigelow (1991) and Young and Hirota (1990) and on scombrid larvae by Boehlert and Mundy (1994).

A total of 155,390 fish larvae in 375 taxa was taken (Table 2). Of these, 8.35% were classified as unidentified larvae. Of the identified larvae, dominant families were the Gobiidae (46.8%), Myctophidae (21.3%), Gonostomatidae (8.0%), Phosichthyidae (5.0%), Schindleriidae (4.0%), Carangidae (1.8%), Scombridae (1.4%), Paralepididae (0.8%), Blenniidae (0.7%), and Synodontidae (0.6%).

On a seasonal basis, fish larvae were most abundant during September and June cruises and least abundant during the December cruise (Figure 2). Most variations in the total numbers were contributed by increased numbers of shorefish larvae on the windward side of the island during September and June.

Most environmental data collected during these cruises are not presented in this report, but general characteristics of the water column are presented in Figure 3.

The presentation of data in this report is designed to give the complete distributional data for all taxa collected. Species codes for taxa (Table 2) are provided along with the total numbers of larvae by taxon. Table 3 provides the volumes of water filtered for every sample (= individual net haul for a depth stratum at each station in each cruise). Tables 4-63 provide the numbers of larvae captured in each sample, tabulated by species code. Combined, these data will allow

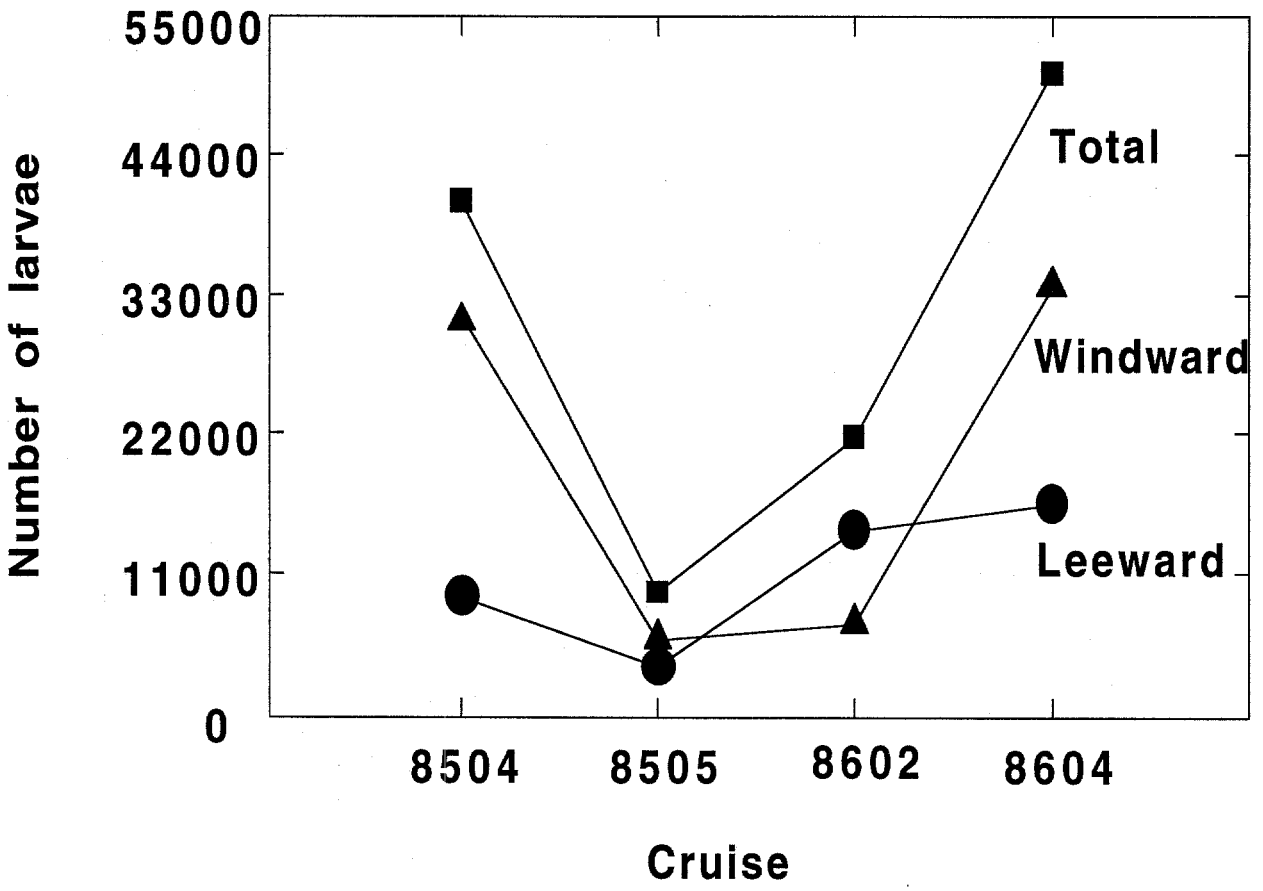

Figure 2. Total numbers of larval fishes by cruise taken around Oahu. Total numbers (squares) are the sum of larvae taken on windward (triangles) and leeward (circle) transects. Data from TC8504 represent only larvae from the first replicate sample.

determination of larval densities (catch-per-unit effort) by cross-referencing species names and codes in Table 2, sampling effort (volume filtered) in Table 3, and catch in Tables 4-63.

These collections included several species previously unrecorded from the Hawaiian Islands. Prominent among these are the Paralepididae, which have not been satisfactorily reviewed in recent treatments of the Hawaiian fish fauna. Loeb (1979) and Ozawa (1986) have provided lists of the central north Pacific species. Only *Arctozenus rissoi*, *Lestidiops mirabilis*, Lestidium nudum, *Magnisudis atlantica*, *Stemonosudis rothschildi*, and *Sudis atrox* have been previously recorded from the archipelago and most discussions of the Hawaiian fish fauna list only *L. nudum*. *Lestrolepis luetkeni*, listed by Tinker (1982) as *Sudis pofi*, was recorded from the Line Islands but not from Hawai'i. Our samples demonstrate that the Hawaiian paralepidid fauna is more diverse than previously thought. New records for Hawai'i from our collections include *Lestidiops indopacifica*, *Lestrolepis luetkeni*, *Magnisudis atlantica*, *Stemonosudis elegans*, *Stemonosudis elongata*, *Stemonosudis macrura*, *Uncisudis advena*, and *Uncisudis quadrimaculata*. These all have distinctive larvae unlikely to be confused with other species (Ozawa 1986). At least one other *Lestrolepis* species and one *Lestidium* species not previously recorded from Hawai'i are represented in our samples, but we cannot identify these with certainty. Finally, we collected an additional three larval types described by Ozawa (1986) that may represent additional species. In all, our material indicates that at least 17

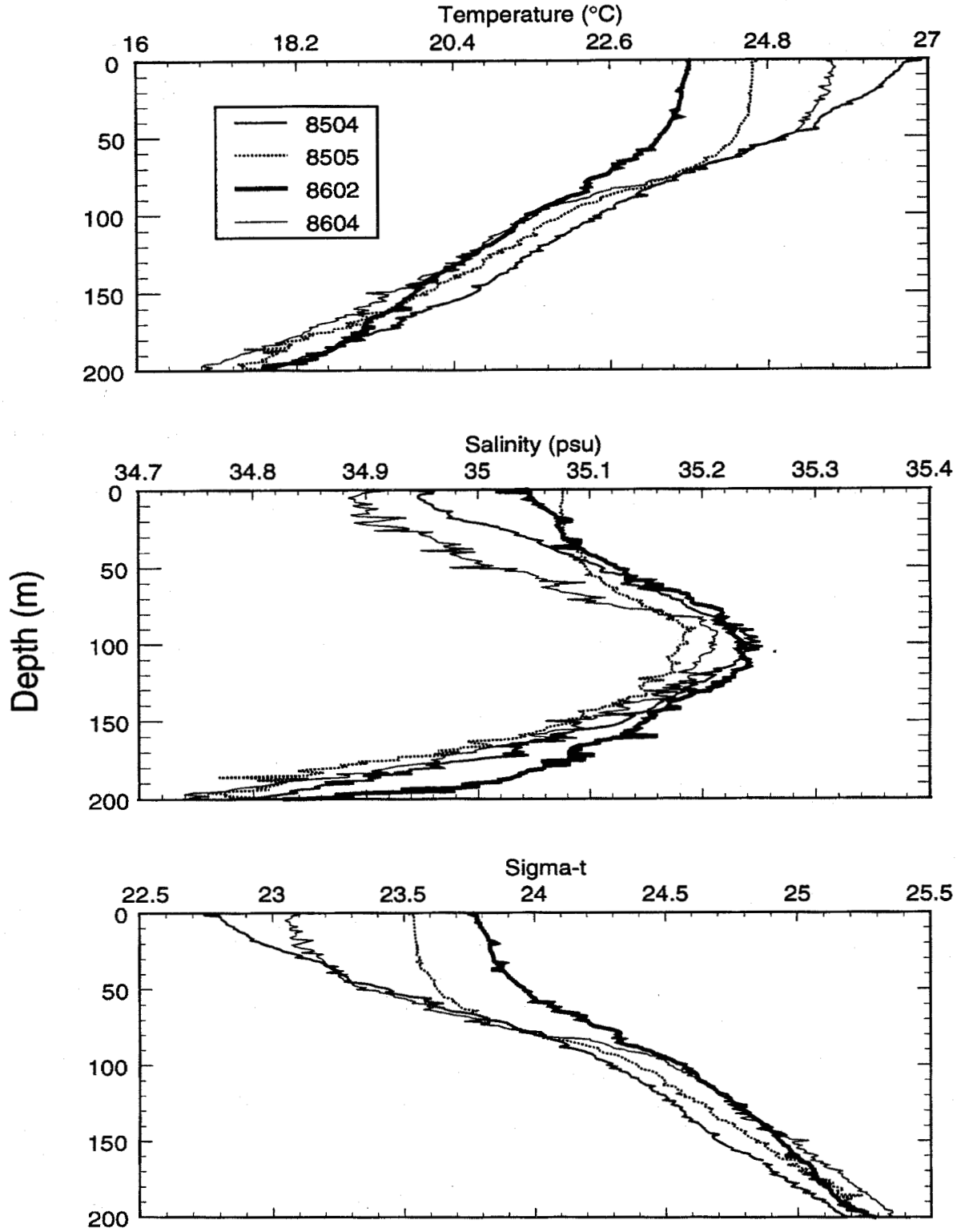

Figure 3. Profiles of overall mean profiles for temperature, salinity, and density (sigma-t) for the four cruises. Mean values from all MOCNESS first replicate casts were used to construct these plots.

and perhaps 20 paralepidid species occur off Oahu.

The only previous Hawaiian record of *Eutaeniophorus festivus* was that of Boehlert and Mundy (1992), but it is likely that the "Eutaeniophoridae" larvae listed in the appendix of Miller et al. (1979) include this species. Our tentative identification of a *Parataeniophorus brevis* larva is corroborated by Herrera and Lavenberg's (1995) record of this species from Hawai'i.

A few comments on taxonomy are given here to clarify our results. Our *Serrivomer* species are probably *S. sector*, although *S. jespersoni* has also been recorded from the region. *Chlorophthalmus proridens* is the only species in the genus definitely recorded from the main Hawaiian Islands (Struhsaker 1973) but the family is in need of taxonomic review. *Bathycongrus guttulatus* is the senior synonym of the species known as *Rechias armiger, Congrina aequoria*, or *Congrellus aequoria*, among other names (Ben-Tuvia 1993). *Argyripnus* larvae are the type previously called "maurolicine alpha" (i.e. Moser et al. 1984). Our *Bolinichthys longipes* may include *B. photothorax*, which has also been recorded generally from Hawai'i (Bekker 1983). The larvae identified as *Apogon crassiceps*? have a high probability of being that species. The only other described Hawaiian apogonid with counts matching those of our larvae is *A. evermanni*, which is a rare species that is more slender than our larvae; there is an undescribed *Apogon* species in the islands, however. Additional information on the identities of some of our eteline snapper larvae is given in Leis and Lee (1994), published after our data-base was completed. Our Chaetodontidae type 1 is the same type as the *Chaetodon (unimaculatus*?) from Hawai'i of Leis and Rennis (1983) but several *Chaetodon* species have counts that match those of this larval type. The *Scarus* larvae also include two Hawaiian species recently placed in *Chlorurus* (Bellwood 1994).

The identification of fish larvae at Indo-Pacific islands is complicated by the incomplete knowledge of fish taxonomy in the region. Hawai'i is better known than most archipelagos but this problem still limits some identifications. The following are examples from our collections, in addition to the undescribed *Apogon* mentioned previously. Our "*Pseudamiops gracilicauda*" is actually an undescribed endemic species (Randall et al. 1993b; D.Greenfield, Univ. Hawai'i, pers.comm., Nov. 1996). Although there are only six described and one undescribed callionymid species recorded from the islands (e.g. Randall et al. 1993b), we have nine larval types. Other callionymid species are known to occur in Hawai'i, but have not yet been recorded in the literature (J. Randall, Bishop Museum, pers. comm., Sept. 1996). Our larval types may include these or may only represent different developmental stages of fewer species. An alternative is that our Callionymidae include the two species of Draconettidae known from the archipelago; Callionymidae type 2, which was very lightly pigmented, is a good candidate draconettid. We have at least two species of Ammodytidae in our collections but one was represented by only a single specimen; the three Hawaiian ammodytid species were all described after our data-base was completed (Randall et al. 1994; Ida et al. 1994). Finally, we note that no species name is assigned to the most abundant taxon in our samples, *Eviota* spp., even though *E. epiphanes* is the only species in the genus previously recorded from Hawai'i. Dr. David Greenfield (Univ. Hawai'i Honolulu, pers. comm.) has notified us that a two additional undescribed species of *Eviota* have been discovered at Oahu; at this time we have no way of distinguishing larvae of these species.

The data set provided in this report represents a unique collection of larval fishes from the Hawaiian Islands. It is our objective to make these data available to researchers interested in the fauna of the central subtropical Pacific, thereby providing information about larvae of Hawaiian fishes that might otherwise go unrecorded in the literature. We hope that these data from the National Marine Fisheries Service surveys around Hawai'i contribute to our knowledge of the taxonomic diversity of central Pacific ichthyofauna.

ACKNOWLEDGMENTS

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TABLE 2. Taxonomic codes for taxa captured in the study of vertical distribution of fish larvae off Oahu. Numbers of larvae are totals from all samples sorted and identified, including the first replicate identified from each cruise plus the second replicate of TC8504.

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Anguilliformes		
2200 0000	Unidentified Anguilliformes	67
Moringuidae		
2202 0000	*Moringua ferruginea*	1
Nemichthyidae		
2203 0000	Unidentified Nemichthyidae	2
2203 0100	*Nemichthys larseni / scolopaceus*	1
Serrivomeridae		
2211 0000	Unidentified Serrivomeridae	4
2211 0100	*Serrivomer* spp.	5
2211 0201	*Stemonidium hypomelas*	1
Congridae		
2212 0000	Unidentified Congridae	26
2212 0301	*Bathycongrus guttulatus*	1
2212 0401	*Ariosoma marginatum*	3
2212 0500	*Conger cinereus / oligoporus*	1
Ophichthidae		
2213 0000	Unidentified Ophichthidae	3
Derichthyidae		
2214 0101	*Derichthys serpentinus*	7
Clupeiformes		
2500 0000	Unidentified Clupeiformes	28
Clupeidae		
2506 0000	*Herklotsichthys / Sardinella* spp.	15
2506 0101	*Etrumeus teres*	54
2506 0201	*Spratelloides delicatulus*	2
Engraulididae		
2507 0100	*Encrasicholina purpurea / punctifer*	12
2507 0101	*Encrasicholina purpurea*	9
2507 0102	*Encrasicholina punctifer*	1
Gonorhynchiformes		
Chanidae		
2906 0101	*Chanos chanos*	19
Gonorhynchidae		
2911 0101	*Gonorhynchus moseleyi*	3
Osmeriformes		
Argentinidae		
3115 0101	*Glossanodon struhsakeri*	2
Microstomatidae		
3115 0300	*Nansenia* spp.	3
Bathylagidae		
3116 0101	*Bathylagus longirostris*	7
Stomiiformes		
Phosichthyidae		
3125 0300	*Vinciguerria nimbaria / poweriae*	1107
3125 0301	*Vinciguerria poweriae*	73

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Phosichthyidae, cont.		
3125 0302	*Vinciguerria nimbaria*	5923
3125 0800	*Woodsia nonsuchae*	2
3125 0900	*Ichthyococcus elongatus*	48
Gonostomatidae		
3126 0000	Unidentified Gonostomatidae	4
3126 0101	*Gonostoma elongatum*	503
3126 0102	*Gonostoma atlanticum*	329
3126 0103	*Gonostoma ebelingi*	11
3126 0200	*Cyclothone* spp.	10486
3126 1101	*Diplophos taenia*	51
3126 1201	*Margrethia obtusirostra*	10
Sternoptychidae		
3127 0000	Unidentified Sternoptychidae	15
3127 0100	*Sternoptyx spp.*	197
3127 0400	*Argyropelecus* spp.	34
3127 1001	*Valenciennellus tripunctulatus*	75
3127 9901	*Argyripnus* spp.	7
Stomiidae		
3128 0000	Unidentified Stomiidae sensu lato	143
"Chauliodontidae"		
3129 0101	*Chauliodus sloani*	42
"Astronesthidae"		
3131 0000	Unidentified "Astronesthidae"	16
"Melanostomiidae"		
3132 0000	Unidentified "Melanostomiidae"	12
3132 0100	*Leptostomias* spp.	9
3132 0200	*Eustomias* spp.	32
3132 0400	*Bathophilus* spp.	5
3132 0800	*Photonectes* spp.	4
3132 0900	*Melanostomias* spp.	1
"Malacosteidae"		
3133 0000	Unidentified "Malacosteidae"	4
"Idiacanthidae"		
3134 0101	*Idiacanthus fasciola*	85
Aulopiformes		
Giganturidae		
3137 0101	*Gigantura indica*	2
Synodontidae		
3147 0000	Unidentified Synodontidae	265
3147 0101	*Trachinocephalus myops*	629
3147 0200	*Saurida* spp.	5
3147 0300	*Synodus* spp.	22
Chlorophthalmidae		
3149 0100	*Chlorophthalmus* spp.	71
Scopelarchidae		
3151 0000	Unidentified Scopelarchidae	14
3151 0100	*Scopelarchus analis/guentheri*	129
3151 0101	*Scopelarchus analis*	30

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Scopelarchidae, cont.		
3151 0102	*Scopelarchus guentheri*	2
3151 0103	*Scopelarchus michaelsarsi*	17
3151 0201	*Benthalbella infans*	2
Paralepididae		
3152 0000	Unidentified Paralepididae	409
3152 0001	Paralepididae type 1 of Ozawa (1987)	4
3152 0004	Paralepididae type 4 of Ozawa (1987)	43
3152 0100	*Lestidium* spp.	25
3152 0201	*Sudis atrox*	61
3152 0301	*Stemonosudis macrura*	57
3152 0302	*Stemonosudis elegans*	8
3152 0303	*Stemonosudis rothschildi*	2
3152 0304	*Stemonosudis elongata*	1
3152 0400	*Uncisudis* spp.	46
3152 0401	*Uncisudis advena*	12
3152 0402	*Uncisudis quadrimaculata*	5
3152 0491	*Uncisudis* type 1 of Ozawa (1987)	2
3152 0700	*Lestidiops* spp.	81
3152 0701	*Lestidiops indopacifica*	236
3152 0703	*Lestidiops mirabilis*	11
3152 0800	*Lestrolepis intermedia / japonica*	57
3152 0803	*Lestrolepis luetkeni*	39
3152 0901	*Magnisudis atlantica*	47
Notosudidae		
3153 0100	*Scopelosaurus hoedti / smithii*	3
3153 0101	*Scopelosaurus hoedti*	30
3153 0102	*Scopelosaurus smithii*	16
3153 0201	*Ahliesaurus brevis*	11
Alepisauridae		
3154 0102	*Alepisaurus ferox*	10
Myctophiformes		
Myctophidae		
3159 0000	Unidentified Myctophidae	2287
3159 0101	*Benthosema fibulatum*	5982
3159 0104	*Benthosema suborbitale*	555
3159 0201	*Bolinichthys longipes*	813
3159 0204	*Bolinichthys distofax / supralateralis*	96
3159 0301	*Centrobranchus andreae*	6
3159 0302	*Centrobranchus nigroocellatus*	11
3159 0401	*Ceratoscopelus townsendi*	5320
3159 0500	*Diaphus* spp.	7079
3159 0601	*Diogenichthys atlanticus*	14
3159 1300	*Hygophum proximum / reinhardtii*	2
3159 1304	*Hygophum proximum*	1624
3159 1305	*Hygophum reinhardtii*	674
3159 1404	*Lampadena luminosa*	60
3159 1407	*Lampadena urophaos*	1348
3159 1600	*Lampanyctus* spp.	437

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Myctophidae, cont.		
3159 1614	*Lampanyctus nobilis*	479
3159 1681	*Lampanyctus* sp. nov. "b"	4
3159 1682	*Lampanyctus niger* ?	13
3159 1690	*Lampanyctus* type 10 of Ozawa (1987)	20
3159 1691	*Lampanyctus steinbecki*	443
3159 1692	*Lampanyctus* cf *achirus* (sp.nov."h")	47
3159 1802	*Lobianchia gemellarii*	406
3159 1903	*Loweina rara*	3
3159 2100	*Myctophum* spp.	74
3159 2103	*Myctophum brachygnathum*	1
3159 2104	*Myctophum nitidulum*	30
3159 2105	*Myctophum obtusirostre*	128
3159 2107	*Myctophum lychnobium*	220
3159 2108	*Myctophum selenops*	67
3159 2109	*Myctophum spinosum*?	12
3159 2301	*Notolychnus valdiviae*	262
3159 2400	*Notoscopelus caudispinosus / resplendens*	66
3159 2401	*Notoscopelus resplendens*	1
3159 2402	*Notoscopelus caudispinosus*	36
3159 3003	*Symbolophorus evermanni*	822
3159 3102	*Taaningichthys minimus*	187
3159 3302	*Triphoturus nigrescens*	756
Evermannellidae		
3164 0000	Unidentified Evermannellidae	95
3164 0101	*Evermannella indica*	55
3164 0202	*Coccorella atlantica / atrata*	8
3164 0301	*Odontostomops normalops*	20
Lophiiformes		
4100 0000	Unidentified Lophiiformes	2
Antennariidae		
4107 0000	Unidentified Antennariidae	2
Ceratiidae		
4118 0201	*Cryptopsaras couesii*	1
Melanocetidae		
4120 0100	*Melanocetus johnsonii / murrayi*	22
Oneirodidae		
4122 0200	*Chaenophryne draco / longiceps*	2
4122 0202	*Chaenophryne longiceps*	3
4122 0300	*Dolopichthys pullatus / longicornis*	1
Gigantactinidae		
4123 0000	Unidentified Gigantactinidae	2
Linophrynidae		
4124 0000	Unidentified Linophrynidae	6
Gadiformes		
4200 0000	Unidentified Gadiformes	105
Macrouridae		
4206 0000	Unidentified Macrouridae	9

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Bregmacerotidae		
4207 0100	*Bregmaceros* spp.	84
4207 0102	*Bregmaceros japonicus*	158
4207 0103	*Bregmaceros atlanticus*	115
Ophidiiformes		
Ophidiidae		
4211 0101	*Brotula multibarbata*	2
Carapidae		
4212 0000	Unidentified Carapidae	2
4213 0101	*Snyderidia canina*	4
Beloniformes		
Exocoetidae		
4401 0301	*Parexocoetus brachypterus*	274
4401 0401	*Exocoetus volitans*	6
4401 0402	*Exocoetus monocirrhus*	1
4401 0600	*Cheilopogon* spp.	1
4401 0610	*Cypselurus poecilopterus*	1
4401 4900	Unidentified Exocoetidae	6
4401 4901	Exocoetidae type 1	27
4401 4902	Exocoetidae type 2	18
4401 4903	Exocoetidae type 3	111
4401 4904	Exocoetidae type 4	7
4401 4905	Exocoetidae type 5	14
4401 4906	Exocoetidae type 6	1
Hemiramphidae		
4401 5101	*Euleptorhamphus viridis*	1
4401 5310	*Hemiramphus depauperatus*	4
4401 5401	*Oxyporhamphus micropterus*	11
4401 9900	Unidentified Hemiramphidae	20
Belonidae		
4402 0000	Unidentified Belonidae	58
4402 0201	*Ablennes hians*	6
Atheriniformes		
Atherinidae		
4417 0101	*Atherinomorus insularum*	3
Stephanoberyciformes		
Melamphaidae		
4602 0100	*Melamphaes* spp.	113
4602 0104	*Melamphaes simus*	1
4602 0105	*Melamphaes danae*	172
4602 0201	*Poromitra oscitans*	122
4602 0301	*Scopelogadus mizolepis*	50
4602 0400	*Scopeloberyx opisthopterus / robustus*	4
4602 0401	*Scopeloberyx opisthopterus*	8
4602 0402	*Scopeloberyx robustus*	22
Mirapinnidae		
4603 0101	*Eutaeniophorus festivus*	1
4603 0201	?*Parataeniophorus brevis*?	1

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Beryciformes		
Diretmidae		
4618 0000	*Neoniphon / Sargocentron* spp.	425
4618 0400	Unidentified Myripristinae	37
4613 0100	Unidentified Diretmidae	1
Berycidae		
4615 0100	*Beryx decadactylus / splendens*	2
Holocentridae		
4618 0000	*Neoniphon / Sargocentron* spp.	425
4618 0400	Unidentified Myripristinae	37
Zeiformes		
Macrurocyttidae		
4702 0100	*Zenion* spp.	48
Caproidae		
4706 0100	*Antigonia* spp.	6
Lampridiformes		
Trachipteridae		
4812 0101	*Trachipterus* spp.	1
Syngnathiformes (see also 5311 0101)		
Aulostomidae		
4906 0101	*Aulostomus chinensis*	2
Fistulariidae		
4907 0102	*Fistularia* spp.	6
Syngnathidae		
4912 0000	Unidentified Syngnathidae	3
4912 0201	*Cosmocampus balli*	3
4912 0403	*Doryrhamphus excisus*	10
Scorpaeniformes		
Scorpaenidae		
5201 0000	Unidentified Scorpaenidae	97
5201 0600	*Scorpaenodes* spp.	2
5201 0701	*Scorpaenopsis diabolus*	1
5201 1702	*Dendrochirus barberi*	2
Dactylopteridae		
5301 0101	*Dactyloptena orientalis*	2
Syngnathiformes (see also 4906 0101 - 4912 0403)		
Pegasidae		
5311 0101	*Eurypegasus papilio*	9
Perciformes (see also 5503 0000 - 5583 0100)		
Percoidei (see also 5434 0000 - 5458 0000)		
Serranidae		
5402 0301	*Epinephelus quernus*	2
5402 0500	Unidentified Anthiinae	693
5402 0600	*Pseudanthias* spp.	4
5402 1001	*Luzonichthys earlei*	35
5405 0101	*Pseudogramma / Suttonia* spp.	1
Kuhliidae		
5414 0101	*Kuhlia sandvicensis*	12

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Priacanthidae		
5417 0000	Unidentified Priacanthidae	81
Apogonidae (see also 5418 0701)		
5418 0000	Unidentified Apogonidae	122
5418 0001	*Apogon crassiceps*?	245
5418 0101	*Pseudamiops gracilicauda*	389
Epigonidae		
5418 0200	*Epigonus* spp.	6
Apogonidae (see also 5418 0000 - 5418 0101)		
5418 0701	*Foa brachygramma*	2
Acropomatidae		
5418 2000	*Synagrops argyrea/japonicus*	22
Howellidae		
5418 2200	*Howella* spp.	123
Malacanthidae		
5423 0101	*Malacanthus brevirostris*	2
Carangoidei		
Echeneidae		
5428 0000	Echeneidae	2
5428 0100	*Remora* spp.	1
Carangidae		
5429 0000	Unidentified Carangidae	1910
5429 0400	*Seriola* spp.	86
5429 0600	*Decapterus* spp.	11
5429 0601	*Decapterus macarellus*	93
5429 0607	*Decapterus macrosoma*	378
5429 0608	*Decapterus muroadsi*	2
5429 0701	*Selar crumenophthalmus*	11
5429 0801	*Gnathanodon speciosus*	1
5429 0900	*Alectis ciliaris*	2
5429 1200	*Caranx* spp.	5
5429 1203	*Pseudocaranx dentex*	1
Coryphaenidae		
5430 0100	*Coryphaena hippurus/equiselis*	9
5430 0101	*Coryphaena hippurus*	18
5430 0102	*Coryphaena equiselis*	11
Percoidei (see also 5402 0301 - 5423 0101)		
Bramidae		
5434 0000	Unidentified Bramidae	26
5434 0500	*Brama* spp.	7
Lutjanidae (part 1)		
5438 0000	Unidentified Lutjanidae	16
Symphysanodontidae		
5438 0100	*Symphysanodon maunaloae/typus*	6
Lutjanidae (part 2)		
5438 0401	*Aprion virescens*	206
5438 0500	*Pristipomoides* spp.	8
5438 0600	Unidentified Etelinae	32
5438 0700	*Lutjanus kasmira/fulvus/gibbus*	157

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Lutjanidae (part 2), cont.		
5438 0705	*Lutjanus kasmira*	45
Lethrinidae		
5443 0101	*Monotaxis grandoculis*	5
Mullidae		
5447 0000	Unidentified Mullidae	501
Kyphosidae		
5453 0100	*Kyphosus* spp.	86
Chaetodontidae		
5457 0000	Unidentified Chaetodontidae	29
5457 0400	*Forcipiger* spp.	1
5457 0791	Chaetodontidae type 1	23
5457 0792	Chaetodontidae type 2	1
5457 0793	Chaetodontidae type 3	1
5457 0794	Chaetodontidae type 4	2
Pomacanthidae		
5458 0000	Unidentified Pomacanthidae	47
Labroidei (see also 5507 0000 - 5509 0393)		
Pomacentridae		
5464 0000	Unidentified Pomacentridae	67
5464 0001	*Chromis / Plectroglyphidodon* spp.	89
5464 0200	*Abudefduf* spp.	281
5464 0303	*Plectroglyphidodon imparipennis*	1
5464 0501	*Chromis vanderbilti*	1
Cirrhitoidei		
Cirrhitidae		
5466 0000	Unidentified Cirrhitidae	36
Mugiliformes		
Mugilidae		
5501 0000	Unidentified Mugilidae	1
Perciformes (see also 5402 0301 - 5466 0000)		
Scombroidei (see also 5571 0101 - 5577 0201)		
Sphyraenidae		
5503 0000	*Sphyraena* spp.	11
Labroidei (see also 5464 0000 - 5464 0501)		
Labridae		
5507 0000	Unidentified Labridae	388
5507 0008	*Pseudojuloides cerasinus*?	18
5507 0015	Labridae type 15	1
5507 0700	*Oxycheilinus bimaculatus / unifasciatus*	132
5507 0800	*Pseudocheilinus* spp.	105
5507 1400	*Thalassoma / Gomphosus* spp.	85
5507 8000	Unidentified Novaculini	16
5507 9000	Unidentified Julidini	36
Scaridae		
5509 0000	Unidentified Scaridae	83
5509 0100	*Calotomus carolinus / zonarchus*	20
5509 0300	*Scarus* spp.	6
5509 0391	*Scarus* type 1	90

TABLE 2, cont.

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Scaridae, cont.		
5509 0392	*Scarus* type 2	133
5509 0393	*Scarus* type 3	1
Trachinoidei (see also 5555 0000)		
Chiasmodontidae		
5513 0001	*Chiasmodon* spp.	48
5513 0002	*Pseudoscopelus* spp.	7
5513 0003	*Dysalotus / Kali* spp.	19
Pinguipedidae		
5514 0000	*Parapercis schauinslandi / roseoviridis*	1
5514 0201	*Parapercis schauinslandi*	412
5514 0214	*Parapercis roseoviridis*	1
Percophidae		
5517 0101	*Osopsaron incisum*	2
5517 0200	*Chrionema chryseres / squamiceps*	4
Creediidae		
5518 0101	*Crystallodytes cookei*	97
5518 0201	*Limnichthys donaldsoni*	337
5519 0000	Unidentified Creediidae	47
Champsodontidae		
5525 0102	*Champsodon fimbriatus*	76
Blennioidei		
Blenniidae		
5534 0000	Unidentified Blenniidae	6
5534 0101	*Exallias brevis*	4
5534 0300	*Entomacrodus marmoratus / strasburgi*	4
5534 0400	*Istiblennius / Blenniella*	52
5534 0601	*Enchelyurus brunneolus*	115
5534 0800	*Plagiotremus ewaensis / goslinei*	12
5534 7000	*Enchelyurus / Omobranchus* spp.	4
5534 8000	Unidentified Salariini	780
Tripterygiidae		
5541 0301	*Enneapterygius atriceps*	198
Gobioidei (see also 5560 0000 - 5565 0101)		
Schindleriidae		
5553 0100	*Schindleria pietschmanni / praematura*	573
5553 0101	*Schindleria praematura*	1492
5553 0102	*Schindleria pietschmanni*	3612
Trachinoidei (see also 5513 0001 - 5525 0102)		
Ammodytidae		
5555 0000	Unidentified Ammodytidae	144
Callionymoidei		
Callionymidae		
5558 0000	Unidentified Callionymidae	9
5558 0001	Callionymidae type 1	38
5558 0002	Callionymidae type 2	103
5558 0003	Callionymidae type 3	21
5558 0004	Callionymidae type 4	350
5558 0005	Callionymidae type 5	3

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Callionymidae, cont.		
5558 0006	Callionymidae type 6	42
5558 0007	Callionymidae type 7	11
5558 0008	Callionymidae type 8	19
5558 0101	*Draculo pogognathus*	5
Gobioidei (see also 5553 0000 - 5553 0102)		
Gobiidae (see also 5562 0101)		
5560 0000	Unidentified Gobiidae	742
5560 0001	*Eleotris sandwicensis*	90
5560 0004	Gobiidae type 4	267
5560 0005	Gobiidae type 5	14
5560 0007	Gobiidae type 7	15
5560 0008	Gobiidae type 8	2708
5560 0009	Gobiidae type 9	479
5560 0010	Gobiidae type 10	18
5560 0011	*Bathygobius cotticeps*	13
5560 0291	*Oxyurichthys lonchotus*	179
5560 0292	*Oxyurichthys* sp. nov.	42
5560 0802	*Bathygobius cocosensis*	1924
5560 1301	*Gnatholepis anjerensis*	96
5560 1701	*Psilogobius mainlandi*	450
5560 5201	*Eviota epiphanes*/sp. nov.	54853
5560 5301	*Asterropteryx semipunctatus*	4710
Microdesmidae (see also 5556 0101)		
5560 5500	*Nemateleotris*/*Ptereleotris* spp.	83
Gobiidae (see also 5560 0000 - 5560 5301)		
5562 0101	Gobiidae type 12	1
Microdesmidae (see also 5560 5500)		
5565 0101	*Gunnellichthys curiosus*	74
Acanthuroidei		
Acanthuridae		
5569 0000	Unidentified Acanthuridae	246
5569 0001	*Naso*/*Zebrasoma* spp.	18
5569 0002	Acanthuridae type 2	202
5569 0005	Acanthuridae type 5	8
5569 0100	*Acanthurus* spp.	5
Zanclidae		
5569 5101	*Zanclus cornutus*	9
Scombroidei (see also 5503 0000)		
Scombrolabracidae		
5571 0101	*Scombrolabrax heterolepis*	63
Gempylidae (see also 5573 0301)		
5572 0000	Unidentified Gempylidae	18
5572 0301	*Lepidocybium flavobrunneum*	1
5572 0401	*Gempylus serpens*	47
5572 0601	*Nealotus tripes*	74
5572 0701	*Nesiarchus nasutus*	14
Trichiuridae (see also 5573 0502 - 5573 0600)		
5573 0000	Unidentified Trichiuridae	10

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Gempylidae (see also 5572 0000 - 5572 0701)		
5573 0301	*Diplospinus multistriatus*	143
Trichiuridae (part 2)		
5573 0502	*Benthodesmus tenuis*	1
5573 0600	*Lepidopus calcar?*	2
Scombridae		
5574 0000	Unidentified Scombridae	497
5574 0101	*Acanthocybium solandri*	11
5574 0300	*Auxis rochei / thazard*	554
5574 0401	*Katsuwonus pelamis*	126
5574 0500	*Auxis / Euthynnus* spp.	62
5574 0501	*Euthynnus affinis*	5
5574 0700	*Thunnus* spp.	504
5574 0702	*Thunnus alalunga*	11
5574 0703	*Thunnus albacares*	230
5574 0704	*Thunnus obesus*	5
Istiophoridae		
5577 0201	*Istiophorus platypterus*	2
Stromateoidei		
Nomeidae		
5580 0101	*Nomeus gronovii*	1
5580 0200	*Psenes* spp.	7
5580 0201	*Psenes arafurensis*	6
5580 0202	*Psenes cyanophrys*	36
5580 0203	*Psenes pellucidus*	1
5580 0206	*Psenes maculatus*	3
5580 0501	*Cubiceps pauciradiatus*	165
5580 0506	*Cubiceps baxteri*	8
Ariommatidae		
5583 0100	*Ariomma brevimanum / lurida*	1
Pleuronectiformes		
Soleidae/Cynoglossidae		
5700 0000	*Aseraggodes / Symphurus* spp.	4
Bothidae		
5708 0000	Unidentified Bothidae	430
5708 0400	*Bothus* spp.	24
5708 0501	*Arnoglossus debilis*	3
5708 0800	*Engyprosopon* spp.	197
5708 0801	*Engyprosopon hawaiiensis*	1
5708 0802	*Engyprosopon xenandrus*	78
Tetraodontiformes		
Balistidae		
5802 0000	Unidentified Balistidae	82
Monacanthidae		
5802 5000	Unidentified Monacanthidae	757
Ostraciidae		
5803 0201	*Ostracion meleagris*	1
5803 0301	*Lactoria fornasini*	4

TABLE 2, continued

Higher taxa/ Taxon codes	Taxon name	Number of larvae
Tetraodontidae		
5806 0000	Unidentified Tetraodontidae	69
5806 0001	Tetraodontidae type 1	89
5806 0002	Tetraodontidae type 2	381
Diodontidae		
5808 0000	Unidentified Diodontidae	2
Molidae		
5809 0101	*Ranzania laevis*	1
Unidentified Fish Larvae		
9999 0000	Unidentified Fish Larvae	12970

TABLE 3. Volumes of water filtered (m^3) for individual plankton hauls in each vertical series. Station designations indicate leeward or windward, distance offshore (n.m.), day or night, and replicate as described in the text. The two nearshore (A) and four offshore (B) stations are separated because sampling strata differ.

A. Nearshore stations.

		Depth stratum (m)							
Cruise	Station	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
8504	L1D1	732.9	578.2	611.1	587.4	617.8	633.4	626.6	595.7
8504	L1N1	623.3	624.5	577.4	615.8	560.6	612.8	608.4	620.9
8504	W2D1	688.1	572.2	641.1	616.1	612.3	666.9	533.9	624.1
8504	W2N1	562.5	580.7	571.3	582.7	606.5	552.5	580.9	530.0
8504	L1D2	674.4	630.8	592.1	635.8	593.1	577.0	623.7	594.3
8504	L1N2	738.8	612.8	667.0	645.2	642.5	629.4	637.2	645.5
8504	W2D2	793.2	609.1	568.1	585.6	665.2	588.4	578.0	557.3
8504	W2N2	668.1	609.4	572.3	603.0	519.0	522.6	519.5	565.1
8505	L1D1	496.7	503.6	537.4	535.9	520.0	532.1	529.8	585.1
8505	L1N1	784.2	621.7	603.8	580.4	607.4	590.9	579.7	556.3
8505	W2D1	667.0	574.6	625.7	572.0	564.8	568.9	518.5	619.0
8505	W2N1	746.7	622.1	599.7	592.0	581.6	571.5	601.5	554.0
8602	L1D1	693.8	570.5	579.4	564.1	571.4	577.9	553.2	556.1
8602	L1N1	824.8	599.0	552.3	563.3	580.9	576.2	594.9	527.4
8602	W2D1	653.4	581.2	580.5	573.1	545.1	533.9	538.0	513.8
8602	W2N1	552.8	490.0	536.8	519.8	538.8	518.6	551.4	504.7
8604	L1D1	655.9	522.4	509.3	499.3	478.2	481.7	503.5	484.9
8604	L1N1	691.4	509.5	501.9	501.1	508.4	501.3	453.9	512.6
8604	W2D1	574.4	494.8	486.1	474.3	494.0	486.3	482.5	438.0
8604	W2N1	480.4	439.1	458.4	462.6	456.3	464.9	423.1	442.6

B. Offshore stations

		Depth stratum (m)								
Cruise	Station	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
8504	L5D1	256.7	576.5	619.0	613.1	581.8	664.3	639.7	630.0	717.5
8504	L5N1	746.1	636.2	588.1	616.2	609.6	581.4	574.9	573.4	568.4
8504	L15D1	895.3	610.4	641.6	615.4	725.6	604.4	608.3	733.5	660.4
8504	L15N1	509.7	640.7	612.5	626.5	616.2	626.8	635.8	600.7	657.9
8504	W5D1	509.7	650.5	610.9	646.3	636.0	622.1	576.7	567.3	565.6
8504	W5N1	466.5	628.1	567.7	585.3	489.3	667.1	525.1	588.9	531.2
8504	W15D1	557.4	563.4	588.6	561.4	601.3	537.3	572.5	562.0	545.9
8504	W15N1	632.5	589.7	599.6	578.2	598.7	560.4	571.9	646.8	586.3
8504	L5D2	359.3	595.9	662.5	623.7	608.3	588.8	613.9	645.6	575.3
8504	L5N2	495.1	622.0	548.8	663.0	620.2	602.8	625.4	559.5	675.4
8504	L15D2	705.1	692.4	795.1	631.7	605.3	794.9	634.5	882.1	751.8
8504	L15N2	668.6	611.4	630.0	629.7	614.6	574.5	662.5	632.9	579.3
8504	W5D2	501.2	584.5	621.6	544.4	572.8	546.7	542.5	531.9	558.5
8504	W5N2	596.9	510.9	571.8	586.4	583.6	623.2	582.3	607.5	609.7

TABLE 3B. Offshore stations, cont.

		Depth stratum (m)								
Cruise	Station	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
8504	W15D2	749.0	613.6	613.6	516.6	607.1	579.7	956.3	673.7	695.4
8504	W15N2	642.0	603.4	558.5	557.9	484.4	570.0	564.0	569.4	581.0
8505	L5D1	867.0	636.7	609.9	583.9	534.3	557.7	507.7	540.4	418.4
8505	L5N1	641.5	614.2	599.8	580.1	562.5	572.0	544.3	517.1	500.5
8505	L15D1	597.6	609.8	558.1	568.0	584.0	566.9	601.7	568.0	582.5
8505	L15N1	616.2	626.5	606.5	562.8	567.8	544.7	557.1	574.3	520.5
8505	W5D1	677.3	604.8	588.8	573.8	583.6	605.2	559.0	601.1	558.5
8505	W5N1	696.4	627.8	583.6	621.4	603.7	599.6	610.2	578.1	566.9
8505	W15D1	657.2	643.2	651.9	623.8	609.9	562.2	598.4	628.2	595.7
8505	W15N1	787.2	645.4	661.8	633.8	633.0	610.9	601.7	589.0	555.3
8602	L5D1	782.9	610.9	595.7	578.4	545.7	573.1	593.9	558.1	594.9
8602	L5N1	783.8	645.0	542.4	652.2	625.9	691.2	601.6	586.6	580.0
8602	L15D1	496.0	527.3	563.5	546.9	535.1	514.5	544.0	575.6	490.0
8602	L15N1	530.2	577.6	594.9	565.0	544.7	545.0	622.4	560.7	525.0
8602	W5D1	609.0	567.7	542.3	523.6	563.5	524.6	522.2	541.2	521.1
8602	W5N1	496.6	562.5	588.7	549.0	581.8	535.8	558.4	677.8	525.7
8602	W15D1	652.0	561.6	545.3	576.0	538.4	528.2	541.2	526.3	559.5
8602	W15N1	584.7	587.5	604.3	560.8	497.6	590.9	512.2	630.8	506.9
8604	L5D1	655.1	501.4	484.1	535.7	477.7	512.9	490.0	496.7	489.7
8604	L5N1	764.0	536.9	522.5	501.6	538.1	467.6	522.7	469.1	516.5
8604	L15D1	533.0	521.9	517.9	503.1	488.4	493.2	487.0	480.6	470.9
8604	L15N1	573.3	519.4	504.0	495.4	499.9	446.9	520.9	482.4	499.4
8604	W5D1	615.8	499.3	494.4	503.8	478.8	510.0	463.9	454.8	438.5
8604	W5N1	597.4	511.2	491.4	474.8	446.6	452.8	423.3	469.1	415.9
8604	W15D1	602.4	503.7	424.6	492.3	466.5	448.7	458.2	442.5	441.5
8604	W15N1	516.9	486.1	506.3	460.5	480.4	505.8	485.6	417.5	438.3

TABLES 4-63, preface. These tables provide data on the vertical distribution of larvae in each vertical series; the basic unit provided is actual number of larvae captured. Only those taxa where at least one larva in one depth stratum was captured are included in the tables.

TABLE 4. TC8504, replicate 1; Station L1D1.

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2200	0	0	0	0	0	0	0	1	0
2500	0	0	0	0	1	2	0	0	0
3125	300	0	0	0	0	0	2	0	0
3125	302	0	0	0	0	1	2	0	7
3126	200	3	0	49	3	19	17	43	3
3149	100	0	0	1	0	0	0	0	0
3152	701	0	0	0	0	0	1	0	2
3159	0	0	2	9	1	1	4	4	0
3159	201	0	3	12	1	0	0	0	0
3159	401	0	19	34	4	1	1	2	0
3159	500	0	0	1	2	3	18	3	5
3159	1304	0	0	0	0	0	3	2	19
3159	1407	0	1	96	2	1	0	2	0
3159	1614	0	0	0	0	0	0	2	0
3159	1691	0	0	0	0	0	1	0	1
3159	2100	0	0	0	0	0	2	0	0
3159	3302	0	0	1	0	0	0	0	0
4123	0	0	0	1	0	0	0	0	0
4200	0	0	0	0	2	1	0	0	0
4401	301	181	0	0	0	0	0	0	0
4401	4901	4	0	0	0	0	0	0	0
4401	4903	1	0	0	0	0	0	0	0
4401	4905	11	0	0	0	0	0	0	0
4401	4906	1	0	0	0	0	0	0	0
4401	9900	2	0	0	0	0	0	0	0
4402	0	56	0	0	0	0	0	0	0
4618	0	0	4	3	0	0	0	0	0
4912	0	0	0	0	0	0	0	2	0
5402	500	0	1	0	0	0	3	3	0
5418	0	0	0	0	13	0	0	0	0
5429	0	1	0	6	2	1	1	0	0
5429	400	2	1	0	0	0	0	0	0
5429	900	0	0	1	0	0	0	0	0
5438	0	0	0	2	0	1	0	0	0
5438	700	0	0	0	1	1	0	0	0
5447	0	1	1	0	0	0	0	0	0
5453	100	14	0	0	0	0	0	0	0
5457	791	0	0	1	0	0	0	0	0
5464	0	0	1	0	0	0	0	0	0
5464	1	0	1	2	0	0	0	0	0
5464	200	0	4	2	14	0	0	0	0
5507	0	0	0	0	0	0	1	1	0
5507	700	0	0	0	0	0	0	0	1
5509	391	0	0	0	0	0	2	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5514	201	0	0	0	0	1	0	0	0
5518	201	0	0	0	0	3	5	2	2
5534	0	5	1	0	0	0	0	0	0
5534	400	0	6	0	0	0	0	0	0
5534	8000	0	3	10	7	1	0	0	0
5541	301	0	4	4	0	0	0	0	0
5553	100	0	0	0	1	0	7	4	2
5553	101	0	1	0	2	0	12	4	5
5553	102	0	0	1	1	5	45	25	29
5558	1	0	1	0	0	0	0	5	0
5558	4	0	0	0	0	0	1	0	0
5560	0	0	0	0	0	0	2	1	0
5560	8	0	0	0	42	8	5	7	0
5560	9	0	0	0	0	3	2	6	1
5560	802	0	0	1	1	1	2	3	6
5560	1301	0	0	0	0	0	0	0	1
5560	1701	0	0	0	0	0	0	1	0
5560	5201	0	0	1	25	8	25	24	4
5560	5301	0	0	0	0	0	0	1	10
5569	2	0	0	0	0	2	2	1	0
5574	0	0	0	0	1	0	0	0	0
5574	101	0	0	1	0	0	0	0	0
5574	700	0	1	38	0	0	0	0	0
5574	703	0	2	0	0	0	0	0	0
5574	704	0	0	0	0	0	0	1	0
5580	501	0	0	0	1	3	2	0	0
5700	0	0	0	0	0	0	1	0	0
5708	0	0	0	0	0	0	1	0	0
5708	802	0	0	0	0	0	0	0	1
5802	0	0	3	0	0	0	0	0	0
5803	201	1	0	0	0	0	0	0	0
5806	0	0	0	0	0	1	0	2	1
5806	1	0	0	0	2	0	1	0	0
5806	2	0	0	0	0	0	2	0	0
9999	0	7	21	16	23	15	11	11	4

TABLE 5. TC8504, replicate 1; Station L1N1.

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2507	100	0	1	0	0	0	0	0	0
3125	300	0	0	0	2	2	4	6	1
3125	302	0	0	1	9	8	7	7	0
3126	200	1	53	46	10	2	2	0	0
3147	101	0	6	1	0	0	0	0	0
3147	200	0	0	0	0	0	0	0	1
3147	300	1	0	0	0	0	0	0	0
3149	100	0	0	5	0	0	0	0	0
3152	0	0	0	0	2	0	14	2	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3152	100	0	0	0	0	0	11	0	1
3152	400	0	0	0	0	0	0	1	1
3152	700	0	0	1	0	0	0	0	0
3152	701	0	0	0	8	14	0	0	0
3159	0	0	7	66	1	1	2	5	1
3159	101	0	0	0	4	0	8	15	25
3159	201	0	18	25	2	0	0	0	0
3159	401	1	21	52	7	2	0	0	0
3159	500	0	1	12	7	3	16	3	4
3159	1304	0	0	0	0	3	1	1	7
3159	1407	0	63	208	13	0	0	0	0
3159	1600	0	0	0	0	0	1	0	0
3159	1614	0	0	0	0	1	0	0	0
3159	1691	0	0	3	0	2	0	2	0
3159	3003	0	0	0	1	2	0	0	0
3159	3302	0	0	2	0	0	0	0	0
4120	100	0	0	1	0	0	0	0	0
4401	301	1	0	0	0	0	0	0	0
4401	4900	1	0	0	0	0	0	0	0
4402	0	1	0	0	0	0	0	0	0
4602	105	0	0	0	0	0	1	0	0
4618	0	0	2	1	1	0	0	0	0
5402	500	0	4	0	1	0	0	0	0
5402	600	0	0	1	0	0	0	0	0
5418	1	0	0	0	0	1	1	0	0
5418	101	0	0	0	0	0	0	0	1
5418	701	0	0	0	0	0	1	0	0
5418	2200	0	0	0	0	1	0	0	0
5429	0	0	134	148	0	0	0	0	0
5429	1200	0	1	0	0	0	0	0	0
5438	401	0	91	28	0	0	0	0	0
5438	700	0	3	0	0	0	0	0	0
5507	0	0	0	0	0	0	0	2	2
5507	700	0	0	0	0	0	2	2	2
5507	9000	0	0	0	0	0	0	1	0
5509	0	0	0	1	0	0	0	0	0
5509	392	0	0	0	1	2	10	0	0
5514	201	0	0	1	0	1	1	2	1
5518	101	0	0	0	0	1	0	0	0
5518	201	0	0	0	0	1	2	1	0
5534	400	1	5	0	0	0	0	0	0
5534	601	1	0	0	0	0	0	0	0
5534	7000	0	0	0	0	1	0	0	0
5534	8000	1	3	0	0	0	0	0	0
5553	100	0	0	0	1	0	3	0	0
5553	101	0	0	7	4	28	21	2	1
5553	102	0	0	1	3	8	4	0	0
5555	0	0	0	0	0	0	1	0	0
5558	1	0	0	1	0	0	6	0	3
5558	2	0	0	0	0	0	0	0	1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5558	3	0	0	0	1	2	0	0	0
5558	4	0	0	0	0	0	0	1	0
5560	0	0	0	2	0	1	0	0	0
5560	1	0	1	2	2	5	8	3	0
5560	8	0	0	2	0	0	0	4	0
5560	9	0	0	3	1	5	16	4	0
5560	291	0	1	0	0	1	4	1	1
5560	292	0	3	0	0	0	0	0	0
5560	802	0	1	2	1	6	20	3	3
5560	1301	0	0	0	1	2	18	0	2
5560	1701	0	0	0	0	0	0	0	1
5560	5201	0	6	21	14	65	156	55	21
5560	5301	0	0	0	1	22	37	12	8
5560	5500	0	0	1	0	0	0	0	0
5569	2	0	2	0	0	0	0	0	0
5574	0	20	0	0	0	0	0	0	0
5574	700	0	11	11	1	0	0	0	0
5574	703	1	47	60	0	0	0	0	0
5574	704	0	1	0	0	0	0	0	0
5708	801	0	0	0	0	0	1	0	0
5708	802	0	0	0	0	0	0	3	0
5802	0	0	0	1	0	0	0	0	0
5806	0	0	0	0	0	0	1	0	0
5806	1	0	0	0	0	2	0	0	0
9999	0	9	11	45	12	4	6	2	1

TABLE 6. TC8504, replicate 1; Station L5D1.

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	0	1	0	0	0	0
3125	302	0	0	84	39	20	2	0	0	0
3125	900	0	0	0	0	0	0	1	0	0
3126	101	0	0	0	0	0	0	1	0	0
3126	102	0	0	0	0	0	0	2	1	0
3126	200	0	7	56	4	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	0	3
3127	1001	0	0	0	0	0	0	0	1	1
3134	101	0	0	0	0	0	0	1	5	0
3147	101	0	0	5	9	0	0	0	0	0
3152	0	0	0	6	3	2	2	0	0	0
3152	701	0	0	4	0	0	1	0	0	0
3159	0	0	3	1	3	2	1	0	0	0
3159	201	0	6	1	0	0	0	0	0	0
3159	401	0	35	34	13	0	0	0	0	0
3159	500	0	12	49	50	15	2	0	0	0
3159	1304	0	0	0	3	3	4	0	0	0
3159	1305	0	0	0	0	1	5	0	0	0
3159	1407	0	40	2	0	0	0	0	0	0
3159	1600	0	0	16	18	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	1614	0	0	0	0	1	0	0	0	0
3159	1691	0	0	0	0	2	0	0	0	0
3159	1802	0	0	0	0	1	4	0	0	0
3159	2100	0	0	0	1	0	0	0	0	0
3159	2108	0	0	0	1	1	0	0	0	0
3159	3003	0	0	0	0	1	4	1	0	0
3159	3302	0	4	3	1	1	0	0	0	0
3164	0	0	0	2	3	0	1	0	0	0
4120	100	2	1	0	0	0	0	0	0	0
4207	103	0	0	0	0	1	2	0	0	0
4615	100	0	0	0	1	0	0	0	0	0
5201	0	0	0	1	0	0	0	0	0	0
5402	500	0	7	6	4	3	0	0	0	0
5417	0	0	0	0	1	0	0	0	0	0
5418	2200	0	0	0	0	0	0	0	0	1
5429	0	0	5	0	0	0	0	0	0	0
5438	700	0	3	1	2	1	0	0	0	0
5447	0	0	3	0	0	0	0	0	0	0
5464	200	0	4	0	0	0	0	0	0	0
5507	0	0	1	10	1	3	0	0	0	0
5507	700	0	0	1	2	0	0	0	0	0
5507	9000	0	0	0	1	0	0	0	0	0
5509	0	0	0	2	0	0	0	0	0	0
5509	391	0	0	0	5	0	0	0	0	0
5514	201	0	0	0	2	2	0	1	0	0
5518	201	0	0	0	3	1	1	0	0	0
5534	7000	1	1	0	0	0	0	0	0	0
5558	1	0	0	0	0	1	0	0	0	0
5560	0	0	0	0	2	0	0	0	0	0
5560	291	0	0	15	2	1	1	0	0	0
5560	292	0	1	0	0	0	0	0	0	0
5560	802	0	0	2	0	0	0	0	0	0
5560	5201	0	2	15	5	1	0	0	0	0
5560	5500	0	0	1	0	0	0	0	0	0
5565	101	0	0	1	0	0	0	0	0	0
5569	0	0	5	11	2	0	0	0	0	0
5569	1	0	0	2	0	0	0	0	0	0
5574	0	0	16	0	0	0	0	0	0	0
5574	401	0	1	0	0	0	0	0	0	0
5574	703	0	1	0	0	0	0	0	0	0
5580	501	0	2	1	2	0	0	0	0	0
5708	0	0	0	9	2	1	0	0	0	0
5708	802	0	0	0	0	0	1	0	0	0
5806	0	0	0	3	1	2	0	0	0	0
9999	0	1	11	22	4	2	0	1	1	0

TABLE 7. TC8504, replicate 1; Station L5N1.

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2906	101	1	0	0	0	0	0	0	0	0
3125	300	0	0	1	2	0	0	0	0	0
3125	301	0	0	0	0	0	0	0	1	0
3125	302	0	1	71	122	86	2	0	0	0
3125	900	0	0	0	0	0	1	2	0	0
3126	101	0	0	0	0	9	1	1	0	0
3126	102	0	0	0	0	12	6	0	0	0
3126	200	12	178	86	4	1	0	0	0	0
3127	400	0	0	0	0	0	1	0	0	0
3127	1001	0	0	0	0	0	0	0	4	0
3127	9901	0	0	0	0	0	0	0	0	1
3134	101	0	0	0	0	1	1	0	0	0
3147	101	1	7	10	0	0	0	0	0	0
3147	200	0	0	0	1	0	0	0	0	0
3151	0	0	0	0	0	0	3	0	0	0
3151	100	0	0	0	0	2	0	0	0	0
3152	0	0	0	3	2	1	1	0	0	0
3152	100	0	4	0	0	0	0	0	0	0
3152	301	0	0	2	1	0	0	0	0	0
3152	400	0	0	0	0	0	1	0	0	0
3152	701	0	16	7	2	0	0	0	0	0
3152	703	0	1	0	0	0	0	0	0	0
3159	0	0	9	7	7	0	0	0	0	0
3159	101	0	0	0	44	0	3	0	0	0
3159	104	0	0	0	0	1	0	0	0	0
3159	201	0	4	2	1	0	0	0	0	0
3159	204	0	0	0	1	0	0	0	0	0
3159	401	3	58	33	6	3	0	0	0	0
3159	500	1	29	75	65	9	2	0	0	0
3159	1304	0	0	4	14	16	4	2	0	0
3159	1305	0	0	0	0	5	4	0	0	0
3159	1404	0	0	1	0	0	0	0	0	0
3159	1407	4	9	3	0	0	0	0	0	0
3159	1600	0	0	7	0	1	0	0	0	0
3159	1614	0	1	11	5	1	0	0	0	0
3159	1691	0	2	11	5	2	0	1	0	0
3159	1692	0	0	4	1	0	0	0	0	0
3159	1802	0	0	0	1	2	0	0	0	0
3159	2108	0	0	0	0	2	0	0	0	0
3159	2109	0	0	0	2	0	0	0	0	0
3159	2301	0	0	0	0	3	0	0	0	0
3159	3003	0	0	1	7	5	2	1	0	0
3159	3302	0	0	5	5	0	0	0	0	0
3164	0	0	0	0	3	0	0	0	0	0
4100	0	0	0	0	1	0	0	0	0	0
4200	0	0	0	0	0	0	1	0	0	0
4207	103	0	0	0	0	1	0	0	0	0
4602	100	0	0	0	1	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
4615	100	0	1	0	0	0	0	0	0	0
4618	0	0	16	4	0	0	0	0	0	0
4618	400	0	1	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	2	0
5201	0	0	2	0	2	0	0	0	0	0
5402	500	2	6	10	13	1	0	0	0	0
5417	0	0	0	0	1	0	0	0	0	0
5429	0	2	8	0	0	0	0	0	0	0
5429	701	0	1	0	0	0	0	0	0	0
5438	700	0	6	4	0	0	0	0	0	0
5447	0	0	8	1	0	0	0	0	0	0
5453	100	0	2	0	0	0	0	0	0	0
5466	0	0	0	0	1	0	0	0	0	0
5507	0	0	1	6	10	0	0	0	0	0
5507	700	0	0	3	6	0	0	0	0	0
5507	800	0	1	0	5	0	0	0	0	0
5507	9000	0	1	0	0	0	0	0	0	0
5509	0	0	0	0	3	0	0	0	0	0
5513	3	1	0	0	0	0	0	0	0	0
5514	201	2	2	1	15	0	0	0	0	0
5518	201	0	0	2	4	0	0	0	0	0
5534	800	0	1	0	0	0	0	0	0	0
5553	100	0	0	0	1	0	0	0	0	0
5553	101	0	1	0	0	0	0	0	0	0
5555	0	0	0	0	5	0	0	0	0	0
5558	1	0	0	0	9	0	0	0	0	0
5558	2	0	0	0	2	0	0	0	0	0
5560	0	0	0	7	1	0	0	0	0	0
5560	1	0	0	4	2	0	0	0	0	0
5560	8	0	1	0	0	0	0	0	0	0
5560	11	0	0	1	0	0	0	0	0	0
5560	291	0	0	10	2	0	0	0	0	0
5560	802	0	0	0	6	0	0	0	0	0
5560	1301	0	0	0	2	0	0	0	0	0
5560	5201	2	0	8	27	0	0	0	0	0
5565	101	0	1	0	0	0	0	0	0	0
5569	0	0	14	2	0	0	0	0	0	0
5569	1	0	1	5	0	0	0	0	0	0
5569	2	0	2	7	1	0	0	0	0	0
5569	5	0	3	0	0	0	0	0	0	0
5574	702	0	2	0	0	0	0	0	0	0
5574	703	2	0	0	0	0	0	0	0	0
5574	704	0	3	0	0	0	0	0	0	0
5580	206	0	0	1	0	0	0	0	0	0
5580	501	0	3	2	0	0	0	0	0	0
5708	0	0	1	2	7	0	0	0	0	0
5708	400	0	1	0	4	0	0	0	0	0
5708	800	0	0	0	5	0	0	0	0	0
5806	0	0	0	4	4	0	0	0	0	0
5806	1	0	1	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
9999	0	1	34	8	9	6	0	2	0	0

TABLE 8. TC8504, replicate 1; Station L15D1.

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	2	5	2	0	0	0
3125	302	0	0	7	33	28	6	4	2	0
3126	101	0	0	0	0	0	0	1	3	0
3126	102	0	0	0	0	0	0	4	0	0
3126	200	1	18	106	12	0	0	0	0	0
3127	0	0	0	0	0	0	0	0	3	0
3127	100	0	0	0	0	0	0	2	6	0
3127	400	0	0	0	0	0	0	1	0	0
3127	1001	0	0	0	0	0	0	0	2	0
3128	0	0	0	3	0	1	0	0	0	0
3134	101	0	0	0	0	0	0	4	0	2
3147	101	0	0	1	3	1	1	0	0	0
3147	200	0	0	0	1	0	0	0	0	0
3147	300	0	1	0	1	0	0	0	0	0
3151	100	0	0	0	0	0	0	0	2	0
3152	201	0	0	0	0	0	1	0	0	0
3152	301	0	0	1	0	0	0	0	0	0
3152	700	0	0	0	0	0	0	1	0	0
3152	701	0	0	0	2	1	0	0	0	3
3152	800	0	0	0	0	1	0	0	0	0
3152	901	0	0	0	0	0	0	0	1	0
3159	0	0	1	6	16	8	0	0	0	0
3159	101	0	0	0	0	0	0	1	0	0
3159	104	0	0	0	0	1	0	0	1	1
3159	201	0	5	0	0	0	0	0	0	0
3159	401	0	46	15	3	0	0	0	1	0
3159	500	0	11	72	49	41	18	1	0	0
3159	1304	0	0	1	11	4	3	3	0	0
3159	1305	0	0	0	0	3	5	0	0	0
3159	1407	0	16	3	0	0	0	0	0	0
3159	1600	0	0	4	2	4	4	0	0	0
3159	1614	0	0	0	2	0	0	0	0	0
3159	1802	0	0	0	0	1	0	0	0	0
3159	2100	0	0	0	0	0	1	0	0	0
3159	2108	0	0	0	0	0	0	1	0	0
3159	3003	0	0	0	6	1	9	0	0	0
3159	3302	0	5	1	0	0	0	0	0	0
3164	0	0	0	0	3	0	0	0	0	0
4207	102	0	0	0	0	0	1	0	0	0
4401	301	4	0	0	0	0	0	0	0	0
4401	4902	1	0	0	0	0	0	0	0	0
4401	4903	1	0	0	0	0	0	0	0	0
4602	100	0	0	0	2	0	0	0	0	0
4602	105	0	0	0	0	1	0	0	0	1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
4602	301	0	0	0	0	0	0	1	1	0
4618	0	0	1	0	0	0	0	0	0	0
5201	0	0	0	2	1	0	0	0	0	0
5402	500	0	0	13	2	0	0	0	0	0
5418	0	0	11	2	1	0	0	0	0	0
5418	2200	0	0	0	1	0	0	0	0	0
5429	0	0	7	0	0	0	0	0	0	0
5429	1200	0	1	0	0	0	0	0	0	0
5438	100	0	0	0	0	2	0	0	0	0
5438	700	0	2	1	1	0	0	0	0	0
5447	0	3	1	0	0	0	0	0	0	0
5453	100	6	1	0	0	0	1	0	0	0
5464	1	0	0	0	1	0	0	0	0	0
5464	200	0	2	0	0	0	0	0	0	0
5507	0	0	0	6	12	4	0	0	0	0
5507	8	0	0	1	0	0	1	0	0	0
5509	0	0	0	1	0	0	0	1	0	0
5509	392	0	0	0	0	1	0	0	0	0
5514	201	0	0	0	25	11	5	1	0	1
5518	101	0	0	0	0	1	0	0	0	0
5518	201	0	0	0	2	1	0	0	0	0
5534	601	2	0	0	0	0	0	0	0	0
5534	8000	0	1	0	0	0	0	0	0	0
5553	100	0	0	0	0	0	0	0	3	2
5553	101	0	0	0	2	1	0	0	0	0
5553	102	0	0	0	1	0	0	0	0	0
5555	0	0	0	0	13	1	0	0	0	0
5558	1	0	0	0	0	0	1	0	0	1
5558	2	0	0	0	0	0	0	0	0	4
5558	4	0	0	0	7	0	0	0	0	0
5558	7	0	0	0	0	1	1	0	0	0
5558	8	0	0	0	0	0	0	0	0	1
5560	0	0	0	0	1	0	1	0	0	4
5560	1	0	0	0	1	2	0	1	0	0
5560	8	0	0	0	1	0	0	0	0	0
5560	9	0	0	2	0	0	0	0	0	0
5560	291	0	0	2	7	1	0	0	0	0
5560	802	0	0	0	0	0	0	0	0	1
5560	5201	0	0	4	7	4	2	0	0	0
5560	5500	0	1	0	3	0	0	0	0	0
5569	0	0	4	3	0	0	1	0	0	0
5569	1	0	0	0	1	0	0	0	0	0
5569	2	0	0	0	18	2	0	0	0	0
5572	0	0	0	0	0	1	0	0	0	0
5574	0	0	2	0	0	0	0	0	0	0
5574	703	0	3	0	0	0	0	0	0	0
5708	0	0	1	3	4	2	0	0	0	0
5708	501	0	0	0	1	0	0	0	0	0
5708	800	0	0	0	2	0	0	0	0	0
5802	0	0	6	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5806	0	0	0	3	0	0	0	0	0	0
5806	1	0	0	0	1	1	0	0	0	0
5806	2	0	0	0	5	0	0	0	0	0
9999	0	0	15	14	21	5	5	6	0	13

TABLE 9. TC8504, replicate 1; Station L15N1.

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2506	0	0	0	0	2	0	0	0	0	0
3116	101	0	0	0	0	0	0	1	0	0
3125	300	0	0	0	2	1	1	0	0	0
3125	302	0	0	23	116	115	12	2	0	0
3126	102	0	0	0	0	0	0	6	2	0
3126	103	0	0	0	0	0	0	0	1	0
3126	200	33	5	178	80	7	0	0	0	0
3127	100	0	0	0	0	0	0	0	0	1
3127	1001	0	0	0	0	0	0	0	0	1
3128	0	0	0	0	0	0	0	1	0	0
3133	0	0	0	1	0	0	0	0	0	0
3134	101	0	0	0	0	0	1	4	0	2
3147	0	1	0	0	0	0	0	0	0	0
3147	101	0	3	12	13	0	0	0	0	0
3147	300	0	0	1	1	0	0	0	0	0
3151	101	0	0	0	0	0	0	1	0	0
3152	0	0	0	0	0	1	3	0	0	0
3152	301	0	0	0	1	0	0	0	0	0
3152	400	0	0	0	0	0	10	0	0	0
3152	700	0	0	2	8	3	0	0	0	0
3152	701	0	0	1	0	1	0	0	0	0
3152	703	0	0	1	1	0	0	0	0	0
3152	901	0	0	0	1	0	0	0	0	0
3153	102	0	0	0	0	0	1	1	0	0
3159	0	0	0	30	17	8	1	1	0	0
3159	101	0	0	2	1	0	6	2	1	0
3159	104	0	0	0	0	0	1	2	1	0
3159	201	0	0	3	0	0	0	0	0	0
3159	204	0	0	2	1	0	2	0	0	0
3159	401	0	4	45	12	6	0	0	0	0
3159	500	0	4	98	180	67	34	1	2	0
3159	1304	0	0	0	5	12	19	5	1	0
3159	1305	0	0	0	0	9	25	5	0	0
3159	1404	0	3	1	0	0	0	0	0	0
3159	1407	1	0	14	0	0	0	0	0	0
3159	1600	0	0	18	7	0	7	0	0	0
3159	1614	0	0	5	2	2	0	0	0	0
3159	1691	0	0	0	4	3	0	0	0	0
3159	1692	0	0	0	1	0	0	0	0	0
3159	1802	0	0	0	1	0	3	0	1	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	2100	0	0	0	0	6	0	0	0	0
3159	2107	0	0	0	4	1	0	0	0	0
3159	2108	0	0	0	0	1	1	0	0	0
3159	2109	0	0	0	1	0	0	0	0	0
3159	2301	0	0	0	0	0	0	5	0	0
3159	3003	0	0	1	0	8	15	3	0	0
3159	3302	0	0	6	3	0	0	0	0	0
3164	0	0	0	0	2	0	1	0	0	0
4206	0	0	0	0	0	0	0	0	0	1
4207	102	0	0	0	0	0	1	1	0	0
4207	103	0	0	0	0	0	2	0	0	0
4401	4900	4	0	0	0	0	0	0	0	0
4401	4901	2	0	0	0	0	0	0	0	0
4401	9900	2	0	0	0	0	0	0	0	0
4602	301	0	0	0	0	0	0	1	1	0
4618	0	2	33	1	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1
5201	0	0	1	2	1	0	0	0	0	0
5402	500	0	2	13	8	4	0	0	0	0
5418	0	0	0	4	0	0	0	0	0	0
5418	101	8	11	0	0	0	0	0	0	0
5429	0	12	44	14	2	0	0	0	0	0
5429	400	1	9	0	0	0	0	0	0	0
5429	900	0	1	0	0	0	0	0	0	0
5429	1203	0	1	0	0	0	0	0	0	0
5438	0	0	0	1	0	0	0	0	0	0
5438	401	1	0	6	0	0	0	0	0	0
5438	600	0	1	0	0	0	0	0	0	0
5438	700	0	3	12	0	0	0	0	0	0
5438	705	0	0	0	1	0	0	0	0	0
5443	101	0	1	0	0	0	0	0	0	0
5447	0	2	4	2	0	0	0	0	0	0
5453	100	0	1	0	0	0	0	0	0	0
5457	791	0	0	0	1	0	0	0	0	0
5464	0	3	0	0	0	0	0	0	0	0
5464	1	0	0	1	0	0	0	0	0	0
5464	200	0	2	0	0	0	0	0	0	0
5466	0	0	1	2	0	1	0	0	0	0
5507	0	0	1	3	12	4	0	0	0	0
5507	700	0	0	0	0	0	2	0	0	0
5507	800	0	1	0	1	1	0	0	0	0
5509	0	0	0	6	25	0	0	0	0	0
5513	1	0	0	0	0	0	0	1	0	0
5514	201	0	9	10	4	6	10	1	0	1
5518	101	0	0	0	3	0	0	0	0	0
5518	201	0	0	5	0	0	0	0	0	0
5534	8000	2	4	2	1	0	0	0	0	0
5553	101	0	1	3	0	1	0	0	0	0
5555	0	0	0	0	1	2	0	0	0	0
5558	1	0	0	0	2	0	0	0	0	1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5558	2	0	0	0	0	0	0	0	2	1
5558	5	0	0	0	0	0	0	0	0	1
5558	6	0	0	0	0	0	1	0	0	0
5558	8	0	0	0	0	0	0	0	3	0
5560	0	0	0	0	2	0	0	0	0	0
5560	1	0	0	2	0	0	2	0	0	0
5560	291	0	0	0	2	2	1	0	0	0
5560	802	1	0	0	0	0	0	0	0	0
5560	5201	0	2	8	7	0	1	0	0	0
5560	5500	1	3	2	0	0	0	0	0	0
5565	101	0	1	0	0	0	0	0	0	0
5569	0	2	2	17	1	0	0	0	0	0
5569	1	0	0	0	1	0	0	0	0	0
5569	2	0	0	7	4	1	0	0	0	0
5572	601	0	0	0	0	1	0	0	0	0
5573	301	0	0	0	0	0	1	0	0	0
5574	0	1	0	0	0	0	0	0	0	0
5574	300	8	19	5	1	0	0	0	0	0
5574	401	0	0	5	1	0	0	0	0	0
5574	501	1	0	0	0	0	0	0	0	0
5574	700	0	0	5	0	0	0	0	0	0
5574	703	1	3	1	0	0	0	0	0	0
5708	0	0	0	4	2	1	0	0	0	0
5708	800	0	0	0	0	0	0	0	1	0
5708	802	0	1	0	0	0	0	0	0	0
5802	0	0	3	0	0	0	0	0	0	0
5806	0	0	0	0	7	0	1	0	0	0
9999	0	9	52	74	24	3	5	10	2	1

TABLE 10. TC8504, replicate 1; Station W2D1.

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2500	0	0	0	5	3	0	0	0	0
3125	300	0	0	0	0	0	0	0	1
3125	302	0	0	1	5	3	2	4	2
3126	200	1	11	54	102	25	22	4	0
3147	0	0	0	2	15	0	0	0	0
3147	101	0	0	2	0	2	4	0	0
3152	0	0	0	0	0	0	0	0	1
3152	301	0	0	0	0	0	1	0	0
3152	701	0	0	0	0	0	0	1	0
3159	0	0	3	2	16	6	5	11	3
3159	101	0	0	0	0	0	0	0	5
3159	401	0	3	2	1	0	0	0	0
3159	500	0	0	3	13	2	5	0	0
3159	1300	0	0	0	0	0	2	0	0
3159	1304	0	0	0	1	4	0	1	0
3159	1305	0	0	0	0	0	0	0	1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	1407	0	1	0	0	0	0	0	0
3159	1600	0	0	2	0	2	0	0	1
3159	1614	0	0	0	1	0	0	0	0
3159	2107	0	0	0	0	0	0	1	0
3159	3302	0	0	1	0	0	0	0	0
3164	0	0	0	0	1	0	0	0	0
4207	103	0	0	0	0	0	0	0	2
4401	301	4	0	0	0	0	0	0	0
4401	4901	1	0	0	0	0	0	0	0
4401	4903	3	0	0	0	0	0	0	0
4401	9900	1	0	0	0	0	0	0	0
4912	0	0	0	1	0	0	0	0	0
5201	0	0	0	0	1	0	0	0	0
5402	500	0	0	1	5	0	0	0	0
5417	0	0	0	1	3	0	0	0	0
5418	0	0	4	0	10	0	0	0	0
5418	1	0	0	0	4	14	6	4	0
5418	101	0	1	0	1	2	0	0	0
5429	0	0	2	8	8	1	0	0	0
5429	400	0	1	0	0	0	0	0	0
5429	600	0	0	0	1	0	0	0	0
5430	101	1	0	0	0	0	0	0	0
5447	0	0	2	0	0	0	0	0	0
5453	100	3	0	0	0	0	0	0	0
5464	1	0	0	0	1	1	0	0	0
5466	0	0	0	0	1	2	0	0	0
5507	0	0	2	0	0	1	0	0	0
5507	8	0	0	0	1	0	0	0	0
5509	0	0	0	0	1	0	0	1	0
5509	300	0	0	0	0	0	1	1	0
5518	101	0	0	1	1	0	0	0	0
5518	201	0	0	0	2	0	0	0	0
5534	601	5	6	0	0	0	0	0	0
5534	8000	0	14	0	0	0	0	0	0
5541	301	0	14	3	1	0	0	0	0
5553	100	0	0	80	36	23	19	19	11
5553	101	0	1	90	57	11	17	20	15
5553	102	0	0	354	217	99	126	124	48
5558	4	0	0	1	14	9	1	0	0
5560	0	0	0	0	15	13	9	17	7
5560	7	0	0	0	0	0	3	0	0
5560	8	0	2	161	82	58	11	5	3
5560	9	0	0	7	7	7	9	7	0
5560	802	0	16	46	100	67	52	29	5
5560	1301	0	0	0	0	0	0	5	4
5560	1701	0	0	2	0	0	2	0	0
5560	5201	0	46	1157	1153	2060	1271	878	226
5560	5301	0	0	1	6	2	140	127	57
5565	101	0	1	0	0	0	0	0	0
5569	0	0	0	1	1	0	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5571	101	0	0	1	4	0	0	0	0
5572	0	0	0	0	0	0	1	2	0
5574	0	3	2	0	0	0	0	0	0
5574	300	0	0	1	0	0	0	0	0
5574	401	0	1	0	0	1	0	0	0
5806	0	0	0	0	6	12	2	3	0
9999	0	2	70	137	133	114	110	58	23

TABLE 11. TC8504, replicate 1; Station W2N1.

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2500	0	0	0	0	1	0	0	0	0
3125	300	0	0	1	1	5	0	2	0
3125	302	0	1	8	25	21	15	11	2
3126	200	0	53	157	106	14	6	3	2
3128	0	0	0	1	0	0	0	0	0
3147	0	0	0	2	1	0	0	0	0
3147	101	0	5	11	9	1	0	0	0
3147	300	0	0	1	0	0	0	0	0
3152	0	0	0	0	1	1	2	1	0
3152	301	0	0	0	1	0	0	0	0
3152	700	0	1	0	0	0	0	0	0
3152	701	0	0	1	0	0	0	1	0
3159	0	0	0	4	22	3	4	4	0
3159	101	0	0	0	2	8	21	0	16
3159	201	0	0	2	1	0	0	0	0
3159	401	0	2	9	2	5	1	8	2
3159	500	0	7	43	136	33	11	24	10
3159	1304	0	0	0	4	9	8	2	1
3159	1305	0	0	0	0	0	0	0	2
3159	1407	0	0	2	0	0	0	0	0
3159	1600	0	1	0	3	3	3	0	0
3159	1614	0	0	3	5	0	1	0	0
3159	1691	0	0	0	0	0	0	1	1
3159	2107	0	0	0	5	1	0	0	0
3159	3003	0	1	1	0	0	5	0	0
3159	3302	0	1	1	1	0	0	0	0
3164	0	0	0	0	4	0	1	0	0
3164	101	0	0	0	1	0	0	0	0
4401	301	0	1	0	0	0	0	0	0
4401	4901	1	0	0	0	0	0	0	0
4401	4902	0	1	0	0	0	0	0	0
4912	403	0	0	1	0	0	0	0	0
5201	0	0	2	0	0	0	0	0	0
5402	500	2	3	7	5	0	0	0	0
5417	0	0	1	1	0	0	0	0	0
5418	0	0	0	0	0	0	1	0	0
5418	1	0	1	2	0	4	3	1	3

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5418	101	0	4	11	2	1	0	0	3
5429	0	0	27	4	1	0	0	0	0
5429	607	1	0	1	0	0	0	0	0
5430	101	0	1	0	0	0	0	0	0
5438	700	0	3	5	0	0	1	0	0
5447	0	1	5	2	0	0	0	0	0
5458	0	0	0	1	0	0	1	0	0
5464	1	0	0	1	0	0	0	0	0
5466	0	0	0	3	0	0	0	0	0
5503	0	0	0	1	0	0	0	0	0
5507	0	0	2	0	0	0	4	0	2
5507	8	0	0	0	1	1	0	0	0
5507	700	0	0	0	0	0	3	2	3
5509	391	0	0	0	1	0	4	0	1
5509	392	0	2	0	0	1	3	1	0
5514	201	0	0	1	3	2	1	0	0
5518	201	0	2	2	0	1	1	1	0
5534	8000	2	6	0	0	0	1	0	0
5553	100	1	3	9	26	10	15	5	0
5553	101	2	23	88	81	24	26	15	0
5553	102	0	22	30	91	30	51	31	5
5555	0	0	0	0	2	0	0	0	0
5558	2	0	0	0	0	0	1	0	3
5558	4	0	0	9	14	14	16	4	7
5560	0	0	13	35	18	36	34	4	2
5560	1	0	0	0	0	1	0	0	0
5560	4	0	1	0	1	5	17	12	16
5560	5	0	0	2	1	0	0	0	0
5560	8	6	64	99	151	12	4	3	3
5560	9	0	0	9	19	8	16	27	16
5560	11	0	0	1	0	0	0	1	0
5560	291	0	0	0	0	1	1	0	7
5560	802	18	25	36	48	39	55	12	60
5560	1301	0	0	0	0	0	1	0	0
5560	1701	0	0	1	4	3	0	2	7
5560	5201	40	474	1701	1829	1185	3112	754	1428
5560	5301	14	6	6	55	14	225	138	130
5560	5500	0	1	0	0	2	0	0	0
5565	101	0	5	0	0	0	0	0	0
5569	0	0	2	0	1	0	0	0	0
5569	2	0	2	4	2	0	0	0	0
5574	0	47	10	0	0	0	0	0	0
5574	300	0	4	1	0	0	0	0	0
5574	401	0	1	3	0	0	0	0	0
5574	703	0	1	0	0	0	0	0	0
5708	0	0	8	0	2	1	0	0	0
5708	400	1	0	0	0	0	0	0	0
5708	802	0	1	0	0	0	0	0	1
5806	0	0	0	0	0	2	0	0	0
5806	1	0	1	0	7	0	1	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5806	2	1	2	11	8	0	0	0	0
9999	0	37	160	144	207	119	71	77	4

TABLE 12. TC8504, replicate 1; Station W5D1.

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	1	0	0	0	0	0
2213	0	0	0	1	0	0	0	0	0	0
3125	300	0	0	0	6	1	0	0	0	0
3125	302	0	0	25	26	4	2	0	0	0
3126	102	0	0	0	0	0	0	1	1	0
3126	200	0	15	127	41	2	0	0	0	0
3127	1001	0	0	0	0	0	0	0	0	5
3128	0	0	4	4	6	0	0	0	1	0
3131	0	0	0	1	0	0	0	0	0	0
3147	0	0	1	0	1	0	0	0	0	0
3147	101	0	0	4	3	1	0	0	0	0
3149	100	0	1	0	0	0	0	0	0	0
3152	0	0	0	0	0	1	1	0	0	0
3152	302	0	0	0	1	0	0	0	0	0
3152	701	0	0	0	0	1	0	0	0	0
3159	0	0	2	13	23	6	1	0	0	0
3159	201	0	3	0	0	0	0	0	0	0
3159	401	0	6	12	0	2	0	0	0	0
3159	500	0	10	30	42	20	10	1	0	0
3159	1304	0	0	3	6	1	8	0	0	0
3159	1305	0	0	0	0	1	5	0	0	0
3159	1407	0	24	1	0	0	0	0	0	0
3159	1600	0	2	3	7	4	0	0	0	0
3159	1614	0	0	1	0	0	1	0	0	0
3159	2100	0	0	0	2	0	0	0	0	0
3159	2105	0	0	0	0	1	2	0	0	0
3159	2107	0	0	0	0	2	0	0	0	0
3159	2108	0	0	0	0	1	0	0	0	0
3159	3003	2	0	0	2	5	7	2	0	0
3159	3302	0	3	7	2	0	0	0	0	0
3164	0	0	0	0	0	0	1	0	0	0
3164	101	0	0	0	2	0	0	0	0	0
4122	202	0	0	0	0	0	1	0	0	0
4200	0	0	0	0	0	0	0	1	0	0
4207	100	0	0	0	0	0	0	1	0	0
4207	102	0	0	0	0	0	0	0	1	0
4207	103	0	0	0	0	2	5	0	0	0
4401	301	1	0	0	0	0	0	0	0	0
4401	4903	43	0	0	0	0	0	0	0	0
4602	105	0	0	0	0	1	0	0	0	0
4618	0	0	1	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5201	0	0	1	0	1	0	0	0	0	0
5402	500	0	0	10	3	0	0	0	0	0
5417	0	0	1	0	0	0	0	0	0	0
5418	0	0	0	0	4	0	0	0	0	0
5418	101	0	26	3	3	0	0	0	0	0
5418	200	0	0	0	0	0	0	1	0	0
5418	2200	0	0	0	0	1	0	0	0	0
5429	0	0	43	4	0	0	0	0	0	0
5429	400	4	0	0	0	0	0	0	0	0
5429	600	0	0	0	0	1	0	0	0	0
5429	607	0	0	0	0	0	1	0	0	0
5429	608	0	0	0	0	0	1	0	0	0
5430	100	1	0	0	0	0	0	0	0	0
5434	0	0	0	1	0	0	0	0	0	0
5438	700	0	1	2	0	0	0	0	0	0
5438	705	0	0	0	1	1	0	0	0	0
5457	791	0	1	0	0	1	0	0	0	0
5458	0	0	0	0	6	0	0	0	0	0
5464	1	0	0	0	2	0	0	0	0	0
5503	0	0	1	0	0	0	0	0	0	0
5507	0	0	1	4	2	1	0	0	0	0
5513	2	0	0	1	0	0	0	0	0	0
5514	201	0	0	0	3	5	1	0	0	0
5518	101	0	1	0	3	0	0	0	0	0
5525	102	0	0	0	0	0	2	0	0	0
5534	601	0	1	0	0	0	0	0	0	0
5534	8000	1	0	0	0	0	0	0	0	0
5553	101	0	0	0	2	0	0	0	0	0
5553	102	0	0	1	0	0	0	0	1	0
5555	0	0	0	2	1	0	0	0	0	0
5558	0	0	1	0	2	0	0	0	0	0
5558	1	0	0	1	0	0	0	0	0	0
5558	2	0	0	0	0	0	1	0	1	0
5558	4	0	0	0	0	2	1	0	0	0
5558	7	0	0	0	0	0	1	0	0	0
5560	0	0	0	1	0	0	0	0	0	0
5560	9	0	0	1	0	0	0	0	0	0
5560	10	0	0	0	4	0	0	0	0	0
5560	5201	0	0	4	0	0	0	0	0	0
5560	5301	0	0	1	0	0	0	0	0	0
5569	0	0	1	2	0	0	0	0	0	0
5569	2	0	0	0	2	0	0	0	0	0
5573	301	0	0	0	0	0	3	2	0	0
5574	300	0	4	0	0	0	0	0	0	0
5574	703	0	3	0	0	0	0	0	0	0
5580	202	0	0	2	0	0	0	0	0	0
5580	501	0	0	1	0	0	0	0	0	0
5708	0	0	0	0	2	1	0	0	0	0
5708	802	0	0	0	0	1	0	0	0	0
5802	0	0	1	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5806	0	0	0	0	2	0	0	0	0	0
5806	1	0	0	0	0	3	1	0	0	0
5806	2	0	0	0	0	2	0	0	0	0
9999	0	35	245	44	64	5	3	2	2	0

TABLE 13. TC8504, replicate 1; Station W5N1.

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	5	45	4	1	0	0	0
3125	301	0	2	0	0	0	0	0	0	0
3125	302	0	0	80	83	11	8	2	0	0
3126	101	0	0	0	0	0	2	6	5	0
3126	102	0	0	0	0	0	1	4	0	0
3126	200	1	202	43	3	3	0	0	0	0
3127	100	0	0	0	0	0	0	0	6	0
3127	400	0	0	0	0	0	0	1	0	0
3128	0	0	0	4	1	0	0	0	0	0
3134	101	0	0	0	0	0	0	0	1	0
3147	101	0	0	4	0	0	0	0	0	0
3151	100	0	0	0	0	0	1	1	2	0
3152	0	0	0	2	2	2	1	0	0	0
3152	100	0	0	2	0	0	0	0	0	0
3152	400	0	0	0	0	0	2	0	0	0
3152	701	0	0	0	1	0	0	0	0	0
3152	901	0	0	0	0	0	0	1	0	0
3159	0	0	4	17	36	2	1	0	0	0
3159	101	0	0	0	0	0	4	1	0	0
3159	104	0	0	0	0	0	0	3	0	0
3159	201	0	11	1	0	0	0	0	0	0
3159	401	0	31	15	17	13	0	0	0	0
3159	500	0	38	77	110	31	14	1	2	0
3159	1304	0	0	6	24	10	7	0	0	0
3159	1305	0	0	2	11	11	14	0	0	0
3159	1407	0	18	1	0	0	0	0	0	0
3159	1600	0	0	4	2	0	0	0	0	0
3159	1614	0	3	0	1	1	0	0	0	0
3159	1691	0	1	1	8	0	0	0	0	0
3159	1802	0	0	0	0	0	7	0	0	0
3159	2100	0	1	0	0	0	0	0	0	0
3159	2105	0	0	0	0	0	0	1	0	0
3159	2107	0	0	1	10	1	1	0	0	0
3159	2108	0	0	1	2	0	0	0	0	0
3159	2301	0	0	2	1	1	3	0	0	0
3159	3003	0	0	0	13	15	14	0	0	0
3159	3302	0	6	7	0	0	0	0	0	0
3164	0	0	0	1	1	3	1	0	0	0
4200	0	0	0	0	0	1	3	0	0	0
4207	100	0	0	0	1	0	0	0	0	0
4207	102	0	0	0	0	0	5	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
4207	103	0	0	0	0	2	6	0	0	0
4402	0	0	1	0	0	0	0	0	0	0
4602	105	0	0	0	9	1	0	0	0	0
4602	301	0	0	0	0	0	1	3	0	0
4618	0	0	4	0	0	0	0	0	0	0
5201	0	0	0	0	1	0	0	0	0	0
5402	500	0	4	2	2	0	0	0	0	0
5418	0	0	0	0	1	0	0	0	0	0
5418	1	0	1	0	0	1	0	0	0	0
5418	101	0	0	2	0	0	0	0	0	0
5418	2000	0	0	1	0	0	0	0	0	0
5418	2200	0	0	1	5	2	0	0	0	0
5429	0	0	26	1	0	0	0	0	0	0
5429	400	1	0	0	0	0	0	0	0	0
5430	102	0	1	0	0	0	0	0	0	0
5438	401	0	5	0	0	0	0	0	0	0
5438	700	0	8	3	0	0	0	0	0	0
5438	705	0	0	2	0	0	0	0	0	0
5453	100	1	0	0	0	0	0	0	0	0
5458	0	0	0	1	0	0	0	0	0	0
5464	1	0	1	0	0	0	0	0	0	0
5464	303	1	0	0	0	0	0	0	0	0
5466	0	0	1	0	1	0	0	0	0	0
5507	0	0	0	5	0	0	0	0	0	0
5507	700	0	0	0	1	0	0	0	0	0
5507	9000	1	0	0	0	0	0	0	0	0
5509	0	0	2	0	2	0	0	0	0	0
5513	2	0	2	0	0	0	0	0	0	0
5513	3	0	0	1	0	0	0	0	0	0
5514	201	0	0	1	4	4	0	0	0	0
5518	101	0	2	6	0	0	0	0	0	0
5518	201	0	0	0	1	0	0	0	0	0
5525	102	0	0	0	1	0	0	0	0	0
5534	8000	0	1	0	0	0	0	0	0	0
5553	100	0	0	2	3	0	0	0	0	0
5553	101	2	0	0	0	0	0	0	0	0
5553	102	0	0	0	0	1	0	0	0	0
5555	0	0	0	2	0	0	0	0	0	0
5558	2	0	0	0	0	1	0	2	0	0
5558	6	0	0	0	0	0	1	0	0	0
5558	7	0	0	0	3	1	0	1	0	0
5560	8	2	0	0	0	0	0	0	0	0
5560	11	0	1	0	0	0	0	0	0	0
5560	802	1	0	0	2	0	0	0	0	0
5560	1301	0	0	0	1	0	0	0	0	0
5560	5201	15	0	10	0	0	0	0	0	0
5560	5500	0	0	1	0	0	0	0	0	0
5569	0	0	0	1	0	0	0	0	0	0
5569	2	0	0	2	2	0	0	0	0	0
5571	101	0	4	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5572	0	0	0	1	4	0	0	0	0	0
5572	601	0	0	0	3	0	0	0	0	0
5573	301	0	0	0	0	2	1	0	0	0
5574	300	0	4	0	0	0	0	0	0	0
5574	401	0	11	1	0	0	0	0	0	0
5574	703	0	3	1	0	0	0	0	0	0
5580	501	0	0	0	1	0	0	0	0	0
5708	0	0	1	5	0	1	0	0	0	0
5708	400	1	0	0	0	0	0	0	0	0
5802	0	0	1	0	0	0	0	0	0	0
5806	1	0	0	0	4	0	0	0	0	0
5806	2	0	0	0	2	0	0	0	0	0
9999	0	6	33	22	83	7	5	0	0	0

TABLE 14. TC8504, replicate 1; Station W15D1.

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	1	8	4	0	0	0
3125	302	0	0	6	9	30	27	1	0	0
3125	900	0	0	0	0	0	1	1	0	0
3126	101	0	0	0	0	0	0	1	0	0
3126	102	0	0	0	0	0	1	6	2	1
3126	200	0	30	71	4	1	0	0	0	0
3126	1101	0	4	0	0	0	0	0	0	0
3127	0	0	0	0	0	0	0	0	1	1
3127	100	0	0	0	0	0	0	0	3	0
3128	0	4	13	1	2	0	0	0	0	0
3132	200	0	0	1	0	0	0	0	0	0
3132	400	0	1	0	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	2	1	0
3152	0	0	0	1	0	1	2	0	0	0
3152	100	0	0	0	1	2	0	0	0	0
3152	201	0	0	0	0	1	0	0	0	0
3152	301	0	0	0	1	0	0	0	0	0
3152	700	0	0	0	0	2	0	0	0	0
3153	102	0	0	1	0	0	0	0	0	0
3159	0	0	12	3	1	2	2	0	0	0
3159	104	0	0	0	0	0	0	3	2	0
3159	201	0	24	0	0	0	0	0	0	0
3159	401	0	67	7	0	0	0	0	0	0
3159	500	0	43	37	7	18	25	0	0	0
3159	1304	0	0	3	4	5	4	0	0	0
3159	1305	0	0	0	0	3	3	0	0	0
3159	1407	0	72	12	0	0	0	0	0	0
3159	1600	0	0	2	1	2	1	0	0	0
3159	1614	0	0	5	0	0	0	0	0	0
3159	1691	0	0	0	0	3	0	0	0	0
3159	1802	0	0	0	0	3	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	2107	0	0	0	0	7	0	1	0	0
3159	2108	0	0	0	0	1	1	0	0	0
3159	2301	0	0	0	0	0	3	0	0	0
3159	3003	0	0	0	2	4	10	4	0	0
3159	3302	0	0	2	1	0	0	0	0	0
3164	0	0	0	1	2	0	1	0	0	0
4207	100	0	0	0	0	0	2	0	0	0
4207	102	0	0	0	0	1	2	0	0	0
4207	103	0	0	0	0	5	2	0	0	0
4401	301	3	0	0	0	0	0	0	0	0
4401	4900	1	0	0	0	0	0	0	0	0
4401	4903	2	0	0	0	0	0	0	0	0
4602	301	0	0	0	0	0	1	0	0	1
4618	400	0	1	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1
4812	101	0	0	1	0	0	0	0	0	0
5201	0	0	1	0	0	0	0	0	0	0
5402	500	0	1	0	0	0	0	0	0	0
5418	0	0	0	0	1	0	0	0	0	0
5418	101	0	11	0	0	0	0	0	0	0
5418	2200	0	0	1	2	0	0	1	0	0
5429	0	0	1	5	0	0	0	0	0	0
5430	100	0	2	0	0	0	0	0	0	0
5430	101	1	0	0	0	0	0	0	0	0
5430	102	0	0	1	0	0	0	0	0	0
5434	0	0	0	0	0	1	0	0	0	0
5438	401	0	10	0	0	0	0	0	0	0
5438	600	0	6	0	0	0	0	0	0	0
5438	700	0	1	2	0	0	0	0	0	0
5438	705	0	0	3	0	0	0	0	0	0
5447	0	4	0	0	0	0	0	0	0	0
5457	791	0	1	0	0	0	0	0	0	0
5507	8	0	1	0	0	0	0	0	0	0
5507	8000	0	0	0	0	1	0	0	0	0
5513	1	0	0	1	0	1	0	0	0	0
5513	2	0	2	1	0	0	0	0	0	0
5513	3	0	0	1	0	0	0	0	0	0
5518	101	0	0	0	1	0	0	0	0	0
5525	102	0	0	0	3	5	0	0	0	0
5534	8000	0	0	1	0	0	0	0	0	0
5555	0	1	0	0	0	0	0	0	0	0
5558	1	0	2	0	0	0	0	0	0	0
5558	2	0	0	0	0	0	0	0	3	1
5558	4	0	0	0	1	0	0	0	0	0
5560	0	0	0	0	0	1	0	0	0	0
5560	291	0	0	0	0	1	0	0	0	0
5560	802	0	1	0	0	0	0	0	0	0
5560	5201	0	0	4	2	21	7	1	0	0
5560	5301	0	0	0	0	1	0	0	0	0
5560	5500	0	12	1	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5572	0	0	0	0	0	1	0	0	0	0
5572	401	0	1	0	0	0	0	0	0	0
5572	601	0	0	0	0	4	0	0	0	0
5573	301	0	0	0	0	3	3	1	0	0
5574	0	0	0	2	0	0	0	0	0	0
5574	101	0	1	0	0	0	0	0	0	0
5574	401	0	4	7	0	0	0	0	0	0
5574	500	0	5	6	0	0	0	0	0	0
5574	700	0	17	0	0	0	0	0	0	0
5574	703	0	2	0	0	0	0	0	0	0
5580	501	0	1	1	0	2	0	0	0	0
5708	0	0	0	2	0	0	0	0	0	0
5708	802	0	0	0	0	0	0	2	0	0
5802	0	0	9	1	0	0	0	0	0	0
5808	0	0	1	0	0	0	0	0	0	0
9999	0	14	89	29	8	21	10	0	0	2

TABLE 15. TC8504, replicate 1; Station W15N1.

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	3	3	0	0	0	0	0
2212	0	0	0	1	0	0	0	0	0	0
2213	0	0	0	1	0	0	0	0	0	0
2214	101	0	0	2	0	0	0	0	0	0
3125	300	0	1	0	1	33	1	0	0	0
3125	301	0	0	0	0	0	0	3	1	0
3125	302	0	18	38	33	131	6	2	0	0
3125	900	0	0	0	0	0	1	2	0	0
3126	101	0	0	0	0	0	3	4	0	0
3126	102	0	0	0	0	0	8	14	1	0
3126	200	0	113	159	4	9	0	0	0	0
3126	1101	0	3	0	0	0	0	0	0	0
3126	1201	0	0	0	0	0	0	0	1	1
3127	100	0	0	0	0	0	0	0	1	2
3127	400	0	0	0	0	0	0	1	0	1
3127	1001	0	0	0	0	0	0	0	2	2
3128	0	0	2	2	3	0	1	4	0	0
3131	0	0	1	0	0	0	0	0	0	0
3134	101	0	0	0	0	0	0	1	3	0
3147	0	0	0	10	7	0	0	0	0	0
3147	101	0	2	109	6	0	0	0	0	0
3151	100	0	0	0	0	0	0	5	4	0
3151	101	0	0	0	0	0	0	0	0	1
3152	0	0	0	1	1	1	0	0	0	0
3152	100	0	0	2	0	0	0	0	0	0
3152	201	0	0	0	1	0	1	0	0	0
3152	301	0	0	4	1	0	0	0	0	0
3152	400	0	0	0	0	0	1	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3152	701	0	0	0	7	0	0	0	0	0
3152	703	0	0	1	0	0	0	0	0	0
3152	901	0	0	0	0	0	0	0	1	0
3153	102	0	1	0	0	0	0	0	0	0
3153	201	0	1	0	0	0	0	0	0	0
3159	0	0	2	4	13	7	7	4	0	0
3159	101	0	0	0	1	0	0	0	0	0
3159	104	0	0	0	0	0	4	4	1	0
3159	201	0	6	0	0	0	0	0	0	0
3159	204	0	0	0	1	0	0	0	0	0
3159	401	0	37	5	6	3	1	0	0	0
3159	500	0	46	91	36	31	1	0	0	1
3159	1304	0	0	1	3	23	9	1	0	0
3159	1305	0	0	0	2	11	6	1	0	0
3159	1404	0	0	3	0	0	0	0	0	0
3159	1407	0	29	0	0	0	0	0	0	0
3159	1600	0	4	13	0	2	0	0	0	0
3159	1614	0	2	22	1	0	0	0	0	0
3159	1682	0	0	0	0	0	1	0	0	0
3159	1691	0	0	0	6	5	0	0	0	0
3159	1692	0	0	2	0	0	0	0	0	0
3159	1802	0	0	0	0	5	2	0	0	0
3159	2104	0	0	0	0	0	1	0	0	0
3159	2105	0	0	0	0	3	1	0	0	0
3159	2107	0	0	2	6	6	0	0	0	0
3159	2108	0	0	2	1	0	0	0	0	0
3159	2301	0	0	0	0	1	3	4	2	0
3159	3003	0	1	2	8	25	9	4	0	0
3159	3302	0	11	7	0	0	0	0	0	0
3164	0	0	1	1	0	0	0	0	0	0
3164	101	0	0	0	1	0	0	0	0	0
3164	301	0	0	0	0	1	0	0	0	0
4207	100	0	0	0	0	2	2	5	0	0
4207	102	0	0	0	0	0	0	1	0	0
4602	105	0	0	0	3	4	1	0	0	0
4602	301	0	0	0	0	0	0	3	0	0
4602	402	0	0	0	0	0	1	2	1	0
4618	400	0	1	0	0	0	0	0	0	0
4906	101	0	0	0	1	0	0	0	0	0
4907	102	0	0	1	0	0	0	0	0	0
5201	0	0	0	0	2	0	0	0	0	0
5402	500	0	0	0	0	1	0	1	0	0
5417	0	0	1	5	0	1	0	0	0	0
5418	101	0	17	0	0	0	0	0	0	0
5418	2200	0	0	1	1	4	1	0	0	0
5429	0	0	16	1	0	0	0	0	0	0
5430	100	0	1	0	0	0	0	0	0	0
5430	101	0	2	0	0	0	0	0	0	0
5430	102	0	1	0	0	0	0	0	0	0
5434	0	0	0	3	0	1	0	1	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5438	401	0	1	0	0	0	0	0	0	0
5438	700	0	1	0	0	0	0	0	0	0
5438	705	0	3	4	0	0	0	0	0	0
5457	791	0	1	0	0	0	0	0	0	0
5458	0	0	0	0	1	0	0	0	0	0
5464	0	0	1	0	0	0	0	0	0	0
5464	1	0	0	3	0	0	0	0	0	0
5466	0	0	1	2	0	0	0	0	0	0
5507	0	0	2	8	9	0	0	0	0	0
5507	700	0	0	0	0	0	1	0	0	0
5507	800	0	0	18	0	0	0	0	0	0
5507	1400	0	1	0	0	0	0	0	0	0
5507	9000	0	1	6	1	0	0	0	0	0
5509	100	0	0	1	0	0	0	0	0	0
5513	3	0	0	3	2	0	0	0	0	0
5514	201	0	0	1	1	0	0	0	0	0
5518	101	0	1	7	0	0	0	0	0	0
5518	201	0	0	0	0	0	1	0	0	0
5525	102	0	0	0	1	8	1	0	0	0
5555	0	0	0	5	13	2	0	0	0	0
5558	1	0	0	1	0	0	0	0	0	0
5558	2	0	0	0	0	0	2	5	2	0
5558	3	0	0	0	0	1	0	0	0	0
5558	4	0	0	0	3	0	0	0	0	0
5558	6	0	0	0	0	0	0	1	0	0
5560	0	0	0	0	0	1	0	0	0	0
5560	1	0	0	0	1	0	0	0	0	0
5560	8	0	0	0	4	0	0	0	0	0
5560	9	0	0	0	2	0	0	0	0	0
5560	10	0	0	1	0	1	0	0	0	0
5560	11	0	0	1	0	0	0	0	0	0
5560	291	0	0	0	1	0	0	0	0	0
5560	1301	0	0	1	0	0	0	0	0	0
5560	5201	0	0	7	6	0	0	0	0	0
5565	101	0	2	0	0	0	0	0	0	0
5569	0	0	0	1	0	0	0	0	0	0
5569	1	0	2	0	0	0	0	0	0	0
5569	2	0	0	3	5	0	0	0	0	0
5572	0	0	0	0	0	1	0	0	0	0
5572	601	0	0	0	4	2	0	0	0	0
5572	701	0	1	0	0	0	0	0	0	0
5573	0	0	1	4	0	0	0	0	0	0
5573	301	0	0	0	0	1	4	0	0	0
5574	101	0	1	0	0	0	0	0	0	0
5574	300	0	0	1	0	0	0	0	0	0
5574	401	0	9	2	0	0	0	0	0	0
5574	500	7	3	0	0	0	0	0	0	0
5574	700	1	0	0	0	0	0	0	0	0
5574	703	0	1	1	1	0	0	0	0	0
5580	501	0	1	1	1	1	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5700	0	0	0	0	0	1	0	0	0	0
5708	0	0	2	23	35	1	0	0	0	0
5708	400	0	1	1	0	0	0	0	0	0
5708	800	0	0	0	1	1	0	1	0	0
5708	802	0	0	0	1	1	1	1	0	0
5802	0	0	1	0	0	0	0	0	0	0
5802	5000	0	0	3	0	0	0	0	0	0
5806	1	0	0	0	2	0	0	0	0	0
9999	0	4	93	43	10	20	12	3	2	1

TABLE 16. TC8504, Replicate 2; Station L1D2

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2906	101	0	0	0	0	1	0	0	0
3125	300	0	0	0	0	0	4	1	0
3125	302	0	0	0	0	5	7	5	6
3126	200	0	10	42	14	0	1	1	2
3149	100	0	2	0	0	0	0	0	0
3152	700	0	0	0	0	0	1	0	0
3152	701	0	0	0	0	0	1	0	0
3152	800	0	0	0	0	0	0	0	3
3159	0	0	6	15	0	3	2	5	1
3159	101	0	0	0	0	0	2	12	58
3159	201	0	28	7	0	0	0	0	0
3159	204	0	1	1	0	0	0	0	0
3159	401	0	33	38	8	1	0	0	0
3159	500	0	3	26	11	5	4	17	5
3159	1304	0	0	0	0	0	4	2	0
3159	1407	0	52	49	1	0	0	0	0
3159	1600	0	0	0	0	0	1	1	0
3159	1614	0	0	0	1	0	0	0	0
3159	1802	0	0	0	0	0	0	0	1
3159	2100	0	0	0	0	4	0	3	0
3159	2107	0	0	0	0	0	2	0	0
3159	3003	0	0	0	0	0	0	0	2
3159	3302	0	0	3	1	0	0	0	0
4401	301	30	0	0	0	0	0	0	0
4401	9900	10	0	0	0	0	0	0	0
4417	101	1	0	0	0	0	0	0	0
4602	100	0	0	0	0	0	1	0	0
4602	105	0	0	0	0	0	0	0	1
4618	0	0	3	1	0	0	0	0	0
5201	0	0	0	1	0	0	0	0	0
5418	0	0	0	0	0	0	1	0	0
5418	101	0	1	0	0	0	0	0	0
5429	0	0	15	39	0	0	0	0	0
5429	600	0	0	0	1	0	0	0	0
5429	701	0	1	0	0	0	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5438	401	0	0	2	0	0	0	0	0
5438	700	0	1	0	0	0	0	0	0
5447	0	0	1	0	0	0	0	0	0
5453	100	1	1	0	0	0	0	0	0
5464	1	0	4	0	0	0	0	0	0
5464	200	0	2	0	0	0	0	0	0
5507	0	0	0	0	0	1	0	0	0
5507	9000	0	0	0	0	0	0	0	1
5509	391	0	0	0	0	0	2	0	3
5514	201	0	0	0	0	0	1	0	0
5518	201	0	0	0	4	2	3	1	4
5534	601	6	0	0	0	0	0	0	0
5534	7000	1	0	0	0	0	0	0	0
5534	8000	0	4	3	0	0	0	0	0
5541	301	0	0	1	0	0	0	0	0
5553	100	0	0	0	0	0	2	0	0
5553	101	0	0	0	1	7	9	1	0
5553	102	0	0	0	3	3	6	4	3
5558	4	0	0	0	0	0	1	1	1
5558	6	0	0	0	0	1	0	4	2
5560	0	0	0	0	0	0	0	0	1
5560	8	0	0	0	2	3	0	1	0
5560	9	0	1	0	2	0	1	2	1
5560	802	0	0	0	0	0	1	1	0
5560	1301	0	0	0	0	0	0	0	3
5560	5201	0	3	3	32	10	9	24	14
5560	5301	0	0	0	0	3	5	4	5
5560	5500	0	0	0	0	0	0	1	0
5572	401	0	1	0	0	0	0	0	0
5574	0	0	1	20	0	0	0	0	0
5574	401	0	0	3	0	0	0	0	0
5574	700	0	29	0	0	0	0	0	0
5574	703	0	4	0	0	0	0	0	0
5708	0	0	1	0	0	0	0	0	0
5708	802	0	0	0	0	0	0	0	2
5802	0	0	1	3	1	0	0	0	0
5806	1	0	0	0	0	0	0	0	1
9999	0	8	8	31	6	1	0	0	1

TABLE 17. TC8504, Replicate 2; Station L1N2

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2506	0	0	1	1	0	1	0	0	0
3125	300	0	0	1	0	0	0	2	0
3125	302	0	1	3	4	3	9	13	1
3126	200	4	15	14	21	36	14	2	0
3147	0	0	0	0	0	0	2	0	0
3147	101	0	0	1	0	2	1	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3152	0	0	0	0	0	0	3	3	0
3152	302	0	0	1	1	0	0	0	0
3152	700	0	0	0	0	2	0	0	0
3152	701	0	0	1	0	0	0	1	0
3152	800	0	0	0	1	1	6	11	1
3152	803	0	0	0	0	2	3	10	5
3159	0	0	0	5	9	8	11	5	1
3159	101	0	0	3	3	7	8	3	19
3159	201	0	5	4	2	1	3	1	0
3159	204	0	2	0	1	0	1	1	0
3159	401	0	10	22	19	32	21	9	0
3159	500	0	3	8	24	34	82	58	4
3159	1304	0	0	0	0	0	1	0	1
3159	1407	0	3	11	10	6	0	0	0
3159	1600	0	0	0	0	1	0	0	0
3159	1614	0	0	0	2	0	2	0	0
3159	1691	0	0	0	0	1	1	2	0
3159	2100	0	0	0	1	0	2	0	0
3159	2107	0	0	1	2	1	0	0	0
3159	2108	0	0	0	0	0	0	1	0
3159	3003	0	0	0	0	0	1	1	0
3159	3302	0	0	1	2	1	0	0	0
3164	0	0	0	0	0	0	1	0	0
4200	0	0	1	0	0	0	0	0	0
4401	301	1	0	0	1	0	0	0	0
4401	9900	3	0	0	0	0	0	0	0
4602	100	0	0	0	0	0	0	1	0
4602	105	0	0	0	0	0	0	1	0
4618	0	1	0	2	0	0	0	0	0
5201	0	0	0	1	1	1	0	0	0
5402	500	0	4	0	0	3	2	0	0
5417	0	0	0	0	0	1	0	0	0
5418	0	0	1	1	0	0	0	0	0
5418	1	0	0	0	0	0	2	1	0
5418	101	1	0	0	0	1	1	2	0
5429	0	5	6	8	1	0	0	0	0
5429	608	0	0	1	0	0	0	0	0
5429	701	0	0	0	0	0	1	0	0
5438	401	0	2	0	0	0	0	0	0
5438	700	0	0	0	1	2	0	0	0
5447	0	1	0	0	0	0	0	0	0
5464	200	2	0	0	0	0	0	0	0
5507	0	1	0	0	1	0	0	0	0
5507	700	0	0	1	0	1	1	0	0
5507	1400	0	0	0	0	1	0	0	0
5507	8000	0	0	0	0	2	0	0	0
5509	100	0	0	0	1	0	0	0	0
5509	391	0	3	4	0	4	5	3	1
5509	392	0	0	0	0	2	1	0	0
5514	201	0	0	1	1	1	1	1	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5518	101	0	0	0	0	2	2	3	0
5518	201	0	0	1	0	2	0	0	3
5534	601	0	3	4	1	1	0	0	0
5534	8000	3	5	1	0	0	1	1	0
5541	301	1	0	7	2	0	0	0	0
5553	100	0	3	2	2	5	6	2	0
5553	101	0	7	7	15	27	14	11	0
5553	102	0	18	32	36	42	27	23	5
5558	3	0	0	0	0	0	0	1	0
5558	4	0	0	1	0	1	0	0	1
5558	6	0	1	1	4	0	0	0	2
5558	8	0	0	0	0	1	0	0	0
5560	0	0	0	0	1	6	0	0	2
5560	1	0	0	4	4	1	0	1	0
5560	4	0	1	1	1	5	2	8	1
5560	8	0	46	5	18	16	3	3	0
5560	9	0	0	0	2	2	7	8	4
5560	10	0	0	0	0	0	0	0	1
5560	291	0	0	1	0	1	1	1	0
5560	802	0	1	8	4	1	1	0	0
5560	1301	0	1	0	0	0	0	3	0
5560	5201	1	19	77	109	198	105	146	59
5560	5301	0	5	15	8	8	8	4	3
5560	5500	0	0	1	0	0	0	0	0
5565	101	0	0	0	0	0	0	0	1
5569	2	0	1	0	0	0	0	0	0
5574	300	0	0	1	0	0	0	0	0
5574	500	0	2	0	0	0	0	0	0
5574	700	13	3	0	2	0	0	0	0
5580	202	0	0	0	0	1	0	0	0
5708	0	0	0	1	0	0	3	1	0
5708	400	0	0	0	0	1	0	0	0
5708	800	0	0	0	2	0	0	0	0
5708	802	0	0	0	0	1	0	0	0
5806	1	0	0	1	0	0	0	1	0
5806	2	0	0	0	0	1	0	0	0
9999	0	26	58	11	15	16	12	3	0

TABLE 18. TC8504, replicate 2; Station L5D2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	302	0	0	11	11	1	3	0	0	0
3126	101	0	0	0	0	0	1	0	0	0
3126	102	0	0	0	0	2	3	1	0	0
3126	200	0	13	53	1	1	0	0	0	0
3127	100	0	0	0	0	0	0	1	0	0
3127	400	0	0	0	0	0	0	1	0	0
3127	1001	0	0	0	0	0	0	0	2	1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3134	101	0	0	0	0	2	0	3	1	0
3147	101	0	0	2	0	0	0	0	0	0
3151	0	0	0	0	0	0	0	1	0	0
3151	100	0	0	0	0	1	0	0	1	1
3151	103	0	0	0	0	1	0	0	2	0
3152	0	0	0	0	1	0	0	0	0	0
3152	301	0	0	0	1	0	0	0	0	0
3152	400	0	0	0	0	2	0	0	0	0
3152	401	0	0	0	0	0	1	0	0	0
3152	701	0	0	0	4	0	0	0	0	0
3159	0	0	3	7	11	0	0	0	0	0
3159	101	0	0	0	5	1	0	0	0	0
3159	104	0	0	0	0	1	0	0	0	0
3159	201	0	1	0	0	0	0	0	0	0
3159	401	0	13	13	0	0	0	0	0	0
3159	500	1	8	22	23	2	3	0	0	0
3159	1304	0	0	2	1	3	10	0	0	0
3159	1305	0	0	0	6	6	0	0	0	0
3159	1407	0	7	2	0	0	0	0	0	0
3159	1600	0	0	0	0	1	0	0	0	0
3159	1614	0	0	2	2	0	0	0	0	0
3159	1692	0	0	0	1	0	0	0	0	0
3159	1802	0	0	0	0	8	0	0	0	0
3159	2105	0	0	0	0	2	0	0	0	0
3159	2108	0	0	0	0	0	0	1	0	0
3159	2301	0	0	0	0	2	0	0	0	0
3159	2400	0	0	0	0	1	0	0	0	0
3159	2402	0	0	0	6	0	0	0	0	0
3159	3003	0	0	0	2	4	3	0	0	0
3159	3302	0	2	0	0	0	0	0	0	0
4200	0	0	2	0	0	1	0	0	0	0
4207	100	0	0	0	0	1	0	0	0	0
4207	103	0	0	0	2	0	0	0	0	0
4618	0	0	16	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1
5201	0	0	1	0	0	0	0	0	0	0
5402	500	0	3	5	1	0	0	0	0	0
5417	0	0	1	0	0	0	0	0	0	0
5418	0	0	1	0	0	0	0	0	0	0
5418	101	0	9	0	1	0	0	0	0	0
5429	0	0	5	0	0	0	0	0	0	0
5438	700	1	1	3	0	0	0	0	0	0
5447	0	2	0	0	0	0	0	0	0	0
5453	100	12	0	0	0	0	0	0	0	0
5464	1	0	4	0	0	0	0	0	0	0
5464	200	3	2	0	0	0	0	0	0	0
5507	0	0	0	3	1	0	0	0	0	0
5509	0	0	0	1	1	0	0	0	0	0
5514	201	0	0	2	5	0	1	0	0	0
5518	201	0	0	2	2	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5534	8000	0	4	0	0	0	0	0	0	0
5553	102	0	0	0	1	0	0	0	0	0
5558	0	0	0	0	1	0	0	0	0	0
5558	2	0	0	0	0	0	0	1	0	0
5558	3	0	0	0	0	1	0	0	0	0
5558	4	0	0	0	1	0	0	0	0	0
5558	6	0	0	0	1	0	0	0	0	0
5560	1	0	0	0	0	0	2	0	0	0
5560	5	0	0	1	0	0	0	0	0	0
5560	9	0	0	2	0	0	0	0	0	0
5560	291	0	0	0	1	0	0	0	0	0
5560	802	0	0	0	1	0	0	0	0	0
5560	5201	0	1	3	1	0	0	0	0	0
5569	0	0	1	1	0	0	0	0	0	0
5569	2	0	0	0	1	0	0	0	0	0
5572	401	0	1	0	0	0	0	0	0	0
5573	301	0	0	0	0	1	0	0	0	0
5574	500	0	1	0	0	0	0	0	0	0
5574	700	0	4	0	0	0	0	0	0	0
5580	200	0	0	0	0	0	1	0	0	0
5803	301	0	1	0	0	0	0	0	0	0
5806	2	0	0	1	1	0	0	0	0	0
9999	0	3	34	11	0	3	1	0	2	0

TABLE 19. TC8504, replicate 2; Station L5N2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	3	15	0	0	0	0
3125	301	0	0	0	0	0	0	0	1	0
3125	302	0	6	5	30	95	28	6	8	0
3125	900	0	0	0	0	0	0	0	1	0
3126	101	0	0	0	0	0	1	7	1	0
3126	102	0	0	0	0	0	7	9	2	0
3126	200	76	261	121	3	1	0	0	0	0
3127	100	0	0	0	0	0	0	0	1	1
3127	400	0	0	0	0	0	0	0	0	1
3134	101	0	0	0	0	1	1	0	1	1
3147	101	0	0	1	0	0	0	0	0	0
3149	100	0	1	0	0	0	0	0	0	0
3151	0	0	0	0	0	0	0	1	0	0
3151	100	0	0	0	0	0	0	0	0	2
3152	0	0	0	0	0	1	0	0	0	0
3152	701	0	0	0	1	0	0	0	0	0
3159	0	3	0	16	5	3	0	0	1	0
3159	101	0	0	0	10	12	1	1	1	0
3159	104	0	0	0	0	0	0	2	0	0
3159	201	0	9	7	0	0	0	0	0	0
3159	204	0	1	2	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	302	0	0	0	0	0	2	0	0	0
3159	401	3	36	90	1	0	0	0	0	0
3159	500	16	24	72	25	38	1	1	0	0
3159	1304	0	0	0	1	15	15	8	0	2
3159	1305	0	0	0	0	4	17	9	0	0
3159	1404	0	0	5	0	0	0	0	0	0
3159	1407	10	8	17	0	0	0	0	0	0
3159	1600	1	0	5	0	1	0	0	0	0
3159	1614	0	0	3	0	1	0	0	0	0
3159	1691	0	0	0	0	1	1	1	0	0
3159	1802	0	0	0	0	2	4	0	0	0
3159	2104	0	0	0	0	0	0	1	0	0
3159	2108	0	0	0	1	6	3	0	0	0
3159	2301	0	0	0	0	0	27	2	1	0
3159	3003	0	0	0	2	13	21	4	0	0
3159	3302	1	0	5	0	1	0	0	0	0
4200	0	0	0	0	0	0	3	0	0	0
4207	102	0	0	0	0	1	2	0	0	0
4618	0	1	1	0	0	0	0	0	0	0
5201	0	0	1	0	0	0	0	0	0	0
5402	500	6	9	0	3	0	0	0	0	0
5418	1	0	1	0	2	0	0	0	0	0
5418	101	10	0	1	0	0	0	0	0	0
5418	2200	0	0	1	0	0	0	0	0	0
5429	0	5	8	2	0	0	0	0	0	0
5430	102	0	1	0	0	0	0	0	0	0
5438	700	2	2	1	0	0	0	0	0	0
5447	0	0	2	1	0	0	0	0	0	0
5464	1	2	2	0	0	0	0	0	0	0
5464	200	1	0	0	0	0	0	0	0	0
5507	0	0	0	0	0	1	0	0	0	0
5507	700	0	0	0	3	0	0	0	0	0
5507	800	0	0	0	1	0	0	0	0	0
5509	100	0	0	1	0	0	0	0	0	0
5509	391	0	0	0	1	1	0	0	0	0
5514	201	0	0	1	6	3	1	0	1	0
5518	101	0	0	2	0	0	0	0	0	0
5518	201	0	0	0	2	0	0	0	0	0
5534	601	0	1	0	0	0	0	0	0	0
5534	8000	0	1	1	0	0	0	0	0	0
5553	101	0	0	0	1	0	0	0	0	0
5553	102	0	0	0	0	1	0	0	0	0
5558	2	0	0	0	0	0	0	0	0	1
5558	4	0	0	0	0	0	0	1	0	0
5558	6	0	1	0	3	1	0	1	0	0
5560	0	0	0	1	2	1	0	0	0	0
5560	1	0	0	0	2	1	0	0	0	0
5560	8	1	0	1	0	0	0	0	0	0
5560	9	1	0	1	0	0	0	0	0	0
5560	291	0	0	0	2	1	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5560	802	0	0	2	2	0	0	0	0	0
5560	1301	0	0	0	0	1	0	0	0	0
5560	5201	0	6	7	10	4	0	0	0	0
5569	0	1	0	0	0	0	0	0	0	0
5573	301	0	0	0	0	0	2	0	0	0
5574	300	0	0	1	0	0	0	0	0	0
5574	401	0	0	1	0	0	0	0	0	0
5574	703	0	1	0	0	0	0	0	0	0
5580	501	0	1	5	1	0	0	0	0	0
5708	0	0	1	0	0	0	0	0	0	0
5708	802	0	0	0	0	0	0	0	1	0
5802	0	0	1	0	0	0	0	0	0	0
9999	0	37	20	21	2	8	6	3	2	1

TABLE 20. TC8504, replicate 2; Station L15D2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	0	2	0	0	0	0
3125	302	0	0	2	31	28	6	1	0	0
3126	101	0	0	0	0	0	0	2	3	0
3126	102	0	0	0	0	0	0	8	3	0
3126	200	0	47	81	82	18	1	0	0	0
3127	100	0	0	0	0	0	0	1	2	0
3127	1001	0	0	0	0	0	0	0	2	0
3134	101	0	0	0	0	0	0	0	0	1
3147	0	0	0	0	0	1	0	0	0	0
3147	101	0	0	0	0	4	0	0	0	0
3151	0	0	0	0	0	0	0	3	0	0
3151	101	0	0	0	0	0	0	0	2	0
3151	103	0	0	0	0	0	0	1	0	0
3152	201	0	0	0	0	0	1	0	0	0
3152	700	0	0	0	0	0	4	0	0	0
3152	701	0	0	0	0	1	0	0	0	0
3159	0	0	1	4	12	18	5	0	0	0
3159	101	0	0	0	1	0	5	0	0	0
3159	104	0	0	0	0	0	0	2	1	0
3159	201	0	8	0	1	0	0	0	0	0
3159	204	0	1	0	0	0	0	0	0	0
3159	401	0	24	6	2	2	0	0	0	0
3159	500	0	20	43	52	26	8	0	0	0
3159	1304	0	0	0	2	8	2	0	0	0
3159	1305	0	0	0	0	0	3	0	0	0
3159	1407	0	13	0	0	0	0	0	0	0
3159	1600	0	0	1	1	2	3	0	0	0
3159	1614	1	1	6	0	2	2	0	0	0
3159	1691	0	0	0	0	3	0	0	0	0
3159	1802	0	0	0	0	0	2	0	0	0
3159	2108	0	0	0	0	0	2	2	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	3003	0	0	0	0	1	3	1	0	0
3159	3302	0	4	4	0	4	0	0	0	0
3164	101	0	0	0	2	1	0	1	0	0
3164	301	0	0	0	1	0	0	0	0	0
4207	102	0	0	0	0	0	1	0	0	0
4401	301	9	1	0	0	0	0	0	0	0
4401	4901	13	0	0	0	0	0	0	0	0
4401	4902	5	0	0	0	0	0	0	0	0
4401	4903	13	0	0	0	0	0	0	0	0
4402	201	1	0	0	0	0	0	0	0	0
4602	105	0	0	0	0	0	1	0	0	0
4618	0	0	34	1	0	0	0	0	0	0
4618	400	0	1	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1
5201	0	0	1	0	0	0	0	0	0	0
5402	500	0	6	0	4	11	0	0	0	0
5402	600	0	0	0	0	1	0	0	0	0
5418	0	0	0	0	0	1	0	0	0	0
5418	1	0	0	0	0	1	0	0	0	0
5418	101	0	0	0	1	3	0	0	0	0
5418	2200	0	0	1	0	0	0	0	0	0
5429	0	0	33	10	1	0	0	0	0	0
5429	400	1	0	0	0	0	0	0	0	0
5429	701	0	0	0	0	1	0	0	0	0
5429	1200	0	1	0	0	0	0	0	0	0
5438	600	0	0	0	0	1	0	0	0	0
5438	700	0	1	2	1	0	0	0	0	0
5438	705	0	0	0	0	2	0	0	0	0
5443	101	0	1	0	0	0	0	0	0	0
5447	0	30	1	0	0	0	0	0	0	0
5453	100	7	0	0	0	0	0	0	0	0
5457	0	0	0	0	0	1	0	0	0	0
5464	1	0	0	0	0	1	0	0	0	0
5464	200	0	0	0	0	0	1	0	0	0
5466	0	0	0	0	0	1	0	0	0	0
5507	0	0	1	0	2	10	0	0	0	0
5507	700	0	0	0	0	1	0	1	0	0
5507	800	0	0	0	0	2	0	0	0	0
5509	391	0	0	0	5	0	0	0	0	0
5509	392	0	0	0	0	6	1	0	0	0
5509	393	0	0	0	1	0	0	0	0	0
5513	1	0	0	0	0	0	0	1	0	0
5514	201	0	0	0	5	25	4	3	0	0
5518	101	0	0	1	0	2	0	0	0	0
5518	201	0	1	1	2	2	2	0	0	0
5534	8000	0	3	0	0	0	0	0	0	0
5553	102	0	0	0	1	0	0	0	0	0
5555	0	0	0	0	0	5	0	0	0	0
5558	2	0	0	0	0	0	0	0	0	2
5558	4	0	0	0	1	2	2	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5558	6	0	0	0	0	0	0	0	1	0
5560	0	0	0	0	0	0	0	0	0	1
5560	7	0	0	0	2	3	0	0	0	0
5560	9	0	0	0	2	0	1	0	0	0
5560	291	0	0	0	0	7	0	0	0	0
5560	802	0	0	0	1	0	1	0	0	0
5560	1301	0	0	0	0	0	1	0	0	0
5560	5201	0	1	4	3	4	4	0	0	0
5565	101	0	1	0	0	0	0	0	0	0
5569	0	0	4	0	0	0	0	0	0	0
5569	1	0	0	0	0	0	1	0	0	0
5569	2	0	0	1	3	5	0	0	0	0
5572	601	0	0	0	0	1	0	0	0	0
5574	401	0	1	1	0	0	0	0	0	0
5574	500	3	2	0	0	0	0	0	0	0
5574	700	1	3	0	0	0	0	0	0	0
5574	703	0	1	1	0	0	0	0	0	0
5708	0	0	2	1	1	3	0	0	0	0
5708	800	0	0	0	0	1	0	1	0	1
5708	802	0	0	0	0	0	0	0	1	1
5802	0	0	3	0	0	0	0	0	0	0
5806	0	0	1	0	0	0	0	0	0	0
5806	2	0	0	11	1	2	0	0	0	0
9999	0	2	174	19	12	5	0	7	1	0

TABLE 21. TC8504, replicate 2; Station L15N2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2507	101	0	0	1	0	0	0	0	0	0
3125	300	0	0	2	15	1	0	2	0	0
3125	302	0	2	49	127	11	0	1	0	0
3126	101	0	0	0	0	0	0	1	1	0
3126	102	0	0	0	0	0	1	4	2	0
3126	200	25	27	43	41	0	0	1	0	0
3126	1101	1	0	0	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	2	2
3127	400	0	0	0	0	0	0	0	0	9
3134	101	0	0	0	0	0	3	0	1	0
3147	101	0	8	1	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	1	0	1
3151	101	0	0	0	0	0	0	1	0	1
3151	103	0	0	0	0	0	1	0	0	0
3152	0	0	0	0	0	1	1	0	0	0
3152	1	0	0	0	0	0	0	1	0	0
3152	4	0	0	0	0	1	0	0	0	0
3152	401	0	0	0	1	0	0	0	0	0
3152	701	0	1	1	3	0	0	0	0	0
3152	800	0	0	4	3	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3153	101	0	0	0	0	0	0	1	0	0
3159	0	2	1	21	8	4	0	0	0	0
3159	101	0	0	5	1	1	7	0	0	0
3159	104	0	0	0	0	0	2	0	1	0
3159	201	0	4	0	0	0	0	0	0	0
3159	401	1	1	17	1	0	0	0	0	0
3159	500	2	11	84	59	3	2	0	0	0
3159	1304	0	0	0	10	8	17	5	0	0
3159	1305	0	0	0	4	10	16	1	0	0
3159	1404	0	0	1	0	0	0	0	0	0
3159	1407	1	2	5	0	0	0	0	0	0
3159	1600	0	0	10	5	1	1	0	0	0
3159	1614	0	0	4	4	0	0	0	0	0
3159	1691	0	0	0	3	0	0	0	0	0
3159	1692	0	0	0	1	0	0	0	0	0
3159	1802	0	0	0	0	2	3	1	0	0
3159	2107	0	1	2	0	0	0	0	0	0
3159	2301	0	0	0	0	0	4	3	0	0
3159	3003	0	0	2	3	5	10	0	0	0
3159	3302	1	0	3	0	0	0	0	0	0
3164	101	0	0	0	1	0	0	0	0	0
4200	0	0	0	0	0	0	4	0	0	0
4206	0	0	0	0	0	0	0	0	0	1
4207	100	0	0	0	0	1	0	0	0	0
4207	102	0	0	0	0	1	0	0	0	0
4401	4901	2	0	0	0	0	0	0	0	0
4401	4902	0	1	0	0	0	0	0	0	0
4401	4903	2	0	0	0	0	0	0	0	0
4602	105	0	0	0	2	0	1	0	0	0
4602	301	0	0	0	0	0	1	0	0	0
4618	0	20	10	1	0	0	0	0	0	0
4618	400	0	1	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	2
5201	0	0	0	1	0	0	0	0	0	0
5402	500	1	3	3	2	0	0	0	0	0
5402	600	0	0	0	1	0	0	0	0	0
5418	1	0	0	1	0	0	0	0	0	0
5418	101	1	1	0	1	0	0	0	0	0
5418	2000	0	0	0	1	0	0	0	0	0
5418	2200	0	0	0	1	0	0	0	0	0
5429	0	5	1	0	0	0	0	0	0	0
5429	400	2	0	0	0	0	0	0	0	0
5438	705	0	0	1	0	0	0	0	0	0
5447	0	0	6	2	0	0	0	0	0	0
5457	792	1	0	0	0	0	0	0	0	0
5464	1	2	0	0	0	0	0	0	0	0
5464	200	0	2	0	0	0	0	0	0	0
5507	0	0	0	4	1	0	0	0	0	0
5507	8	0	0	1	0	0	0	0	0	0
5507	700	0	0	0	0	0	2	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5507	800	0	0	3	0	0	0	0	0	0
5509	100	0	0	0	1	0	0	0	0	0
5509	391	0	0	1	0	1	0	0	0	0
5513	1	0	0	0	0	0	2	1	0	0
5514	201	0	0	2	2	1	2	0	1	0
5517	200	0	0	0	0	0	2	0	0	0
5518	201	0	0	2	0	0	0	0	0	0
5534	800	2	0	0	0	0	0	0	0	0
5534	8000	3	2	3	0	0	0	0	0	0
5558	2	0	0	0	1	0	4	1	2	0
5558	4	0	0	0	0	0	1	0	0	0
5558	5	0	0	0	0	1	0	0	0	0
5558	6	0	0	0	0	0	3	0	0	0
5560	0	0	0	0	1	0	0	0	0	0
5560	1	0	0	0	0	1	0	0	0	0
5560	4	0	0	0	1	0	0	0	0	0
5560	291	0	0	2	4	0	0	0	0	0
5560	1301	0	0	0	0	0	2	0	0	0
5560	5201	0	0	0	2	0	0	0	0	0
5560	5500	0	4	2	0	0	0	0	0	0
5565	101	1	1	0	0	0	0	0	0	0
5569	0	0	1	2	0	0	0	0	0	0
5569	2	0	0	1	0	0	0	0	0	0
5573	301	0	0	0	0	1	0	0	0	0
5574	401	1	1	1	0	0	0	0	0	0
5574	500	2	0	0	0	0	0	0	0	0
5574	700	1	0	0	0	0	0	0	0	0
5708	0	0	1	2	1	0	0	0	0	0
5708	800	0	0	0	1	0	1	0	0	0
5802	0	0	1	0	0	0	0	0	0	0
5806	2	0	0	0	2	0	1	0	0	0
9999	0	50	23	37	19	2	11	5	0	0

TABLE 22. TC8504, replicate 2; Station W2D2

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2500	0	0	0	2	0	1	0	0	0
2506	101	0	0	0	0	2	0	0	0
3125	300	0	0	0	0	1	1	1	0
3125	302	0	0	0	0	14	4	8	8
3126	200	0	9	31	73	168	92	22	8
3147	0	0	0	0	7	11	3	2	1
3147	101	0	0	2	0	3	1	0	0
3152	701	0	0	0	0	0	0	1	1
3159	0	0	4	2	2	1	2	4	5
3159	101	0	0	0	0	0	0	12	7
3159	201	0	4	0	0	0	0	0	0
3159	204	0	1	0	0	0	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	401	0	28	6	0	0	0	0	0
3159	500	0	9	9	4	50	19	68	42
3159	1304	0	0	0	0	1	1	6	1
3159	1305	0	0	0	0	0	0	0	1
3159	1407	0	25	0	0	0	0	0	0
3159	1600	0	3	0	0	14	0	0	0
3159	1614	0	0	4	0	6	2	0	0
3159	1691	0	0	0	0	0	0	0	1
3159	3003	0	0	0	0	0	0	0	2
3159	3302	0	1	1	0	0	0	0	0
3164	0	0	0	0	0	0	0	1	0
3164	101	0	0	0	0	1	0	0	0
4401	301	13	0	0	0	0	0	0	0
4401	4901	1	0	0	0	0	0	0	0
4401	4903	30	0	0	0	0	0	0	0
4401	9900	1	0	0	0	0	0	0	0
4417	101	1	0	0	0	0	0	0	0
4618	400	0	1	0	0	0	0	0	0
4912	403	0	0	0	2	0	0	0	0
5402	500	0	3	2	0	3	0	1	0
5417	0	0	1	1	1	0	0	0	0
5418	0	0	0	0	1	0	0	0	0
5418	1	0	0	0	0	4	6	13	6
5418	101	0	4	7	3	3	1	4	0
5429	0	1	74	14	1	4	0	0	1
5429	400	2	0	0	0	0	0	0	0
5429	607	0	0	3	0	0	1	6	0
5429	1200	0	0	0	1	0	0	0	0
5430	101	1	0	0	0	0	0	0	0
5430	102	0	1	0	0	0	0	0	0
5438	401	0	1	0	0	0	0	0	0
5438	600	0	0	1	0	0	0	0	0
5438	700	0	1	1	0	0	0	0	1
5447	0	13	2	0	0	0	0	0	0
5453	100	8	0	0	0	0	0	0	0
5458	0	0	0	0	0	0	0	2	0
5464	1	0	0	0	0	1	0	1	0
5466	0	0	0	0	0	0	2	0	0
5509	392	0	0	0	0	0	0	7	2
5514	201	0	0	0	0	0	0	1	2
5518	101	0	1	1	0	0	0	0	1
5518	201	0	2	2	0	0	0	3	2
5519	0	0	0	0	0	4	0	0	0
5534	400	0	0	1	0	0	0	0	0
5534	601	13	0	0	0	0	0	0	0
5534	8000	0	14	0	0	0	0	0	0
5541	301	0	0	2	1	0	0	0	0
5553	100	0	0	1	4	18	3	3	4
5553	101	0	0	6	11	56	13	11	9
5553	102	0	2	2	8	82	47	33	13

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5558	4	0	0	3	4	5	1	12	2
5560	0	0	0	0	50	61	3	3	6
5560	4	0	0	0	0	0	2	15	1
5560	5	0	0	0	0	5	0	0	0
5560	8	0	1	49	62	155	4	9	2
5560	9	0	0	1	0	12	6	13	5
5560	291	0	0	0	0	0	0	1	1
5560	802	0	4	0	15	25	14	52	39
5560	5201	4	2	225	1257	2006	206	415	444
5560	5301	0	1	0	1	18	57	178	85
5560	5500	0	1	0	0	1	3	4	0
5565	101	0	0	0	2	2	1	0	0
5569	0	0	2	2	0	2	1	0	0
5571	101	0	0	0	0	0	0	0	1
5572	601	0	1	0	0	0	0	0	0
5574	300	0	32	0	0	0	0	0	0
5574	401	0	0	0	0	0	0	1	0
5574	703	0	1	0	0	0	0	1	0
5708	0	0	0	1	0	1	1	0	0
5806	0	0	0	0	0	0	2	0	0
5806	2	0	0	0	5	3	0	3	0
9999	0	135	169	104	158	313	98	50	29

TABLE 23. TC8504, replicate 2; Station W2N2

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2200	0	0	0	0	0	0	1	0	0
2506	0	0	1	0	2	0	0	0	0
2507	100	0	0	1	0	0	0	0	0
3125	300	0	0	4	1	1	0	0	0
3125	302	0	4	1	13	26	5	1	1
3126	101	0	0	0	0	0	0	0	1
3126	102	0	0	0	0	0	0	1	0
3126	200	5	14	103	92	8	3	2	0
3128	0	0	0	0	0	0	0	0	1
3147	101	2	0	0	1	0	0	0	0
3152	0	0	0	0	0	3	0	0	0
3152	700	0	0	0	0	1	0	0	0
3159	0	0	0	0	5	6	8	2	4
3159	101	0	0	0	3	6	12	14	15
3159	201	0	1	2	0	0	0	0	0
3159	204	0	0	1	1	0	0	0	0
3159	401	0	1	7	3	1	2	2	0
3159	500	1	9	4	24	25	1	3	4
3159	1304	0	0	0	1	3	2	1	4
3159	1407	0	0	3	4	0	0	0	0
3159	1600	0	0	0	1	1	1	0	0
3159	1614	0	1	0	4	1	1	0	0
3159	1691	0	0	0	0	0	1	1	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	1692	0	0	0	0	1	0	0	0
3159	2100	0	0	0	1	0	0	0	0
4401	301	1	0	0	0	0	0	0	0
4401	4902	0	1	0	0	0	0	0	0
4401	4903	0	0	1	0	0	0	0	0
5201	0	0	2	0	0	0	0	0	0
5402	500	1	1	2	2	0	0	0	0
5418	0	0	0	2	0	1	3	0	0
5418	1	0	0	0	0	1	0	0	0
5418	101	2	1	4	3	0	0	0	0
5429	0	4	2	2	5	0	0	0	0
5429	400	1	0	1	0	0	0	0	0
5438	401	0	0	0	1	0	0	0	0
5438	700	0	0	0	3	0	0	0	0
5447	0	0	1	2	1	0	0	0	0
5464	1	0	0	1	0	0	0	0	0
5507	0	0	4	3	0	1	1	0	0
5507	8	0	0	0	1	0	0	0	0
5507	700	0	0	0	0	4	5	0	0
5509	0	0	0	0	0	0	0	2	0
5509	100	0	0	0	1	0	0	0	0
5509	300	0	0	0	0	0	3	0	0
5509	391	0	0	0	0	2	0	0	0
5509	392	0	1	0	1	2	0	0	0
5514	201	0	2	0	0	1	0	0	0
5518	101	0	1	1	0	0	0	0	0
5518	201	2	0	0	0	1	3	0	0
5534	400	0	2	0	0	0	0	0	0
5534	601	0	1	0	0	0	0	0	0
5534	8000	5	6	1	1	0	0	0	0
5553	100	1	0	11	4	4	1	1	0
5553	101	3	6	39	50	23	19	11	2
5553	102	6	2	51	39	31	23	8	0
5558	0	0	0	0	0	2	0	0	0
5558	2	0	0	0	0	0	1	0	2
5558	4	0	0	0	2	9	26	2	2
5558	7	0	0	0	0	0	0	1	1
5560	0	0	1	10	5	15	30	14	3
5560	4	0	1	4	3	3	0	0	0
5560	5	0	0	0	2	1	0	0	0
5560	8	8	5	3	15	4	4	2	0
5560	9	1	1	12	5	11	21	6	0
5560	291	0	0	0	1	5	1	2	0
5560	802	4	18	109	44	39	110	6	0
5560	1301	0	1	0	1	0	16	1	0
5560	1701	0	0	1	0	1	3	7	1
5560	5201	18	76	533	1441	2284	2707	684	81
5560	5301	2	21	150	55	93	401	299	24
5560	5500	0	0	0	2	0	0	0	0
5565	101	0	0	8	3	0	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5573	301	0	0	0	0	0	0	0	1
5574	300	0	2	0	1	0	0	0	0
5574	401	0	0	0	1	0	0	0	0
5574	703	0	1	0	1	0	0	0	0
5708	0	0	1	0	1	1	0	0	0
5708	800	0	0	0	0	0	0	1	0
5708	802	0	0	0	0	0	0	3	0
5806	0	0	0	1	0	0	0	0	0
5806	2	0	2	0	0	0	0	0	0
9999	0	99	51	13	23	27	20	8	2

TABLE 24. TC8504, replicate 2; Station W5D2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	1	0	0	1	0	0	0
2214	101	0	0	1	0	0	0	0	0	0
2506	101	0	0	1	0	0	0	0	0	0
2507	100	0	0	2	1	0	0	0	0	0
3125	302	0	0	4	6	4	1	1	0	0
3125	900	0	0	0	0	0	0	1	0	0
3126	101	0	0	0	0	0	0	0	1	0
3126	102	0	0	0	0	0	1	0	1	0
3126	200	1	27	71	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	2	3
3127	1001	0	0	0	0	0	0	0	0	2
3128	0	0	1	0	0	0	0	1	0	0
3131	0	0	0	2	0	0	0	0	0	0
3132	0	0	0	2	0	0	0	0	0	0
3132	100	0	0	1	0	0	0	0	0	0
3147	0	0	0	2	0	0	0	0	0	0
3147	101	0	0	3	1	0	0	0	0	0
3151	0	0	0	0	0	0	0	1	0	0
3151	103	0	0	0	0	0	0	0	0	1
3152	0	1	0	0	1	0	0	0	0	0
3152	4	0	0	0	1	0	0	0	0	0
3152	301	0	0	1	0	0	0	0	0	0
3152	401	0	0	0	0	1	0	0	0	0
3152	901	0	0	0	0	0	0	1	0	0
3154	102	0	0	0	0	1	0	0	0	0
3159	0	0	7	5	5	1	1	0	0	0
3159	201	1	8	0	0	0	0	0	0	0
3159	401	0	12	3	1	1	0	0	0	0
3159	500	0	6	22	25	33	4	0	0	0
3159	1304	0	0	8	6	6	0	0	0	0
3159	1305	0	0	0	1	0	1	0	0	0
3159	1407	0	35	0	0	0	0	0	0	0
3159	1600	0	0	0	0	1	0	0	0	0
3159	1614	0	0	15	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	1691	0	0	0	1	0	0	0	0	0
3159	1802	0	0	0	1	3	1	0	0	0
3159	2105	0	0	0	1	0	0	0	0	0
3159	2107	0	0	0	4	4	0	0	0	0
3159	2301	0	0	0	0	0	1	0	0	0
3159	3003	0	0	0	2	4	3	0	0	0
3159	3302	0	1	1	0	0	0	0	0	0
3164	101	0	0	2	0	0	0	0	0	0
4200	0	0	1	0	0	0	5	0	0	0
4207	100	0	0	0	0	1	2	0	0	0
4207	102	0	0	0	0	1	3	0	0	0
4401	301	2	0	0	0	0	0	0	0	0
4401	4902	1	0	0	0	0	0	0	0	0
4401	4904	7	0	0	0	0	0	0	0	0
4402	201	1	0	0	0	0	0	0	0	0
4602	100	0	0	0	3	2	0	0	0	0
4602	105	0	0	0	2	1	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1
5201	0	0	0	1	0	0	0	0	0	0
5402	500	0	2	2	0	0	0	0	0	0
5418	1	0	0	0	1	1	0	0	0	0
5418	101	0	7	1	0	0	0	0	0	0
5418	2200	0	0	0	2	3	0	0	0	0
5429	0	0	7	4	0	0	0	0	0	0
5429	400	0	1	0	0	0	0	0	0	0
5429	601	0	0	1	0	0	0	0	0	0
5434	500	0	0	0	1	0	0	0	0	0
5438	401	0	2	0	0	0	0	0	0	0
5438	600	0	0	1	0	0	0	0	0	0
5447	0	1	1	0	0	0	0	0	0	0
5453	100	0	4	0	0	0	0	0	0	0
5458	0	0	0	1	1	0	0	0	0	0
5507	0	0	1	10	0	0	0	0	0	0
5514	201	0	0	0	3	0	0	0	0	0
5525	102	0	0	0	0	1	0	0	0	0
5534	601	3	0	0	0	0	0	0	0	0
5534	8000	0	3	0	0	0	0	0	0	0
5553	100	0	0	1	0	0	0	0	0	0
5553	101	0	0	7	1	0	0	0	0	0
5553	102	0	1	7	2	1	1	0	0	0
5558	4	0	0	0	2	0	0	0	0	0
5560	0	0	0	0	2	0	0	0	0	0
5560	8	0	0	2	1	0	0	0	0	0
5560	802	0	1	1	0	1	0	0	0	0
5560	5201	0	3	24	5	1	0	0	0	0
5560	5301	0	0	0	2	0	0	0	0	0
5569	0	0	1	0	0	0	0	0	0	0
5569	2	0	1	0	0	0	0	0	0	0
5572	601	0	0	1	0	0	0	0	0	0
5572	701	0	1	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5574	300	0	0	3	0	0	0	0	0	0
5574	401	0	0	2	0	0	0	0	0	0
5574	703	0	3	0	0	0	0	0	0	0
5700	0	0	0	1	0	0	0	0	0	0
5708	0	0	0	1	0	0	0	0	0	0
5708	800	0	0	0	1	0	0	0	0	0
5806	1	0	0	0	2	0	0	0	0	0
5806	2	0	0	2	1	0	0	0	0	0
9999	0	11	65	28	9	5	9	0	0	0
2500	0	0	0	1	0	0	0	0	0	0
2507	100	0	1	1	0	0	0	0	0	0

TABLE 25. TC8504, replicate 2; Station W5N2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3115	101	0	0	0	0	0	0	0	1	0
3125	300	0	0	0	13	1	2	0	0	0
3125	302	0	10	20	23	3	3	4	17	1
3126	101	0	0	0	0	0	0	1	0	0
3126	102	0	0	0	0	0	2	4	1	0
3126	200	21	185	89	7	0	0	0	0	0
3127	0	0	0	0	0	0	0	1	0	0
3127	100	0	0	0	0	0	0	0	0	1
3127	1001	0	0	0	0	0	0	0	0	5
3134	101	0	0	0	0	0	0	0	2	0
3147	101	0	1	0	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	1	1	1
3151	101	0	0	0	0	0	0	0	0	1
3152	0	0	0	1	7	2	3	0	0	0
3152	301	0	0	2	0	0	0	0	0	0
3152	400	0	0	0	0	1	1	0	0	0
3152	701	0	1	1	0	0	0	0	0	0
3152	703	0	1	0	0	0	0	0	0	0
3159	0	0	3	12	4	2	6	0	0	0
3159	104	0	0	0	0	0	0	3	0	1
3159	201	0	1	0	0	0	0	0	0	0
3159	401	0	1	5	8	9	10	1	0	0
3159	500	2	13	47	48	9	10	3	2	1
3159	1304	0	0	1	6	9	10	0	0	0
3159	1305	0	0	0	8	8	10	0	0	0
3159	1600	2	4	2	1	0	0	0	0	0
3159	1614	0	0	4	1	1	1	0	0	0
3159	1691	0	0	0	4	0	1	0	0	0
3159	1692	0	0	1	0	0	0	0	0	0
3159	1802	0	0	0	4	2	5	0	1	0
3159	2108	0	0	0	0	0	2	0	0	0
3159	2301	0	0	0	0	0	4	0	1	0
3159	3003	0	0	0	7	7	12	1	1	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	3302	0	0	3	0	0	0	0	0	0
3164	0	0	0	0	0	1	2	0	0	0
4207	100	0	0	0	0	0	8	0	0	0
4207	102	0	0	0	0	0	0	1	0	0
4207	103	0	0	0	0	2	0	0	0	0
4401	4903	0	1	0	0	0	0	0	0	0
4602	100	0	0	0	1	1	0	0	0	0
4602	301	0	0	0	0	0	1	0	2	0
4602	400	0	0	0	0	0	1	0	0	0
4702	100	0	0	0	0	0	0	0	0	3
5402	500	0	2	7	0	0	0	0	0	0
5417	0	0	0	1	0	0	0	0	0	0
5418	1	0	7	8	1	0	0	0	0	0
5418	101	0	2	6	1	0	0	0	0	0
5418	200	0	0	0	0	1	0	0	0	0
5418	2200	0	0	0	1	1	0	0	0	0
5429	0	0	5	1	0	0	0	0	0	0
5430	100	1	0	0	0	0	0	0	0	0
5430	101	1	0	0	0	0	0	0	0	0
5438	600	0	0	3	0	0	0	0	0	0
5438	700	1	1	1	0	0	0	0	0	0
5438	705	0	1	1	0	0	0	0	0	0
5458	0	0	1	0	0	0	0	0	0	0
5464	0	0	0	1	0	0	0	0	0	0
5509	391	0	1	0	0	0	0	0	0	0
5509	392	0	2	3	0	0	0	0	0	0
5514	201	0	0	0	2	1	4	0	0	0
5518	101	0	2	0	0	0	0	0	0	0
5518	201	0	0	1	0	1	0	0	0	0
5519	0	0	0	2	0	0	0	0	0	0
5534	8000	0	1	0	0	0	0	0	0	0
5553	100	1	7	7	1	0	0	0	0	0
5553	101	2	17	44	2	0	0	0	0	0
5553	102	0	44	26	1	0	0	0	0	0
5558	4	0	1	2	0	0	0	0	0	0
5560	0	0	48	21	2	0	0	0	0	0
5560	4	0	1	8	1	0	0	0	0	0
5560	8	17	21	14	0	0	0	0	0	0
5560	9	0	3	0	1	0	0	0	0	0
5560	802	5	23	13	1	0	0	0	0	0
5560	1701	1	3	8	0	0	0	0	0	0
5560	5201	47	913	476	13	1	8	0	0	0
5560	5301	0	135	124	6	1	0	1	0	0
5560	5500	0	0	1	0	0	0	0	0	0
5562	101	0	0	1	0	0	0	0	0	0
5565	101	0	2	0	0	0	0	0	0	0
5569	0	0	0	1	0	0	0	0	0	0
5569	0	0	1	0	0	0	0	0	0	0
5569	2	0	0	0	1	0	0	0	0	0
5572	0	0	0	0	1	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5572	601	0	0	0	0	0	1	0	0	0
5573	301	0	0	0	0	0	3	0	0	0
5574	401	0	1	0	0	0	0	0	0	0
5574	500	1	0	0	0	0	0	0	0	0
5580	501	0	1	0	0	0	0	0	0	0
5708	0	0	0	1	0	0	0	0	0	0
5708	501	0	0	1	0	0	0	0	0	0
5708	800	0	0	0	0	0	1	0	0	0
5806	1	0	0	1	0	0	0	0	0	0
5806	2	0	1	2	0	0	0	0	0	0
9999	0	78	44	44	6	3	15	2	1	1

TABLE 26. TC8504, replicate 2; Station W15D2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2211	0	0	0	0	0	0	1	0	0	0
3116	101	0	0	0	0	0	0	0	1	0
3125	300	0	0	0	8	9	6	2	0	0
3125	301	0	0	0	0	0	0	0	2	0
3125	302	0	0	8	2	9	33	3	3	0
3126	101	0	0	0	0	0	0	5	5	0
3126	102	0	0	0	0	0	0	9	3	0
3126	200	1	47	71	5	0	1	0	0	0
3126	1101	0	9	0	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	1	2
3127	1001	0	0	0	0	0	0	0	0	3
3128	0	0	3	1	0	1	0	0	0	0
3132	200	0	1	1	0	0	0	0	0	0
3132	400	0	1	0	0	0	0	0	0	0
3134	101	0	0	0	0	0	0	0	2	3
3147	0	0	0	1	6	0	0	0	0	0
3147	101	0	0	9	20	0	0	0	0	0
3151	100	0	0	0	0	0	0	2	5	0
3151	101	0	0	0	0	0	0	1	0	0
3152	0	0	0	0	2	2	3	0	0	0
3152	400	0	0	0	0	0	2	0	0	0
3152	402	0	0	0	0	0	0	1	0	0
3152	701	0	0	3	2	0	0	0	0	0
3153	201	0	0	0	0	0	1	0	0	0
3154	102	0	0	0	0	2	0	0	0	0
3159	0	0	5	10	4	1	1	3	0	0
3159	104	0	0	0	0	0	0	12	2	0
3159	302	0	0	0	0	0	0	1	0	0
3159	401	0	47	7	0	0	0	0	0	0
3159	500	0	16	68	13	25	27	7	0	0
3159	601	0	0	0	0	0	0	1	0	0
3159	1304	0	0	1	0	6	11	2	0	0
3159	1305	0	0	0	1	5	6	6	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	1407	0	50	8	0	0	0	0	0	0
3159	1600	0	0	4	1	7	1	0	0	0
3159	1614	0	1	7	0	0	0	0	0	0
3159	1802	0	0	0	0	4	9	2	0	0
3159	2100	0	0	0	0	0	1	1	0	0
3159	2105	0	0	0	0	0	2	0	0	0
3159	2107	0	0	0	1	3	0	0	0	0
3159	2108	0	0	0	0	0	0	0	1	0
3159	2109	0	0	0	0	0	2	0	0	0
3159	2301	0	0	0	0	0	0	3	0	0
3159	3003	0	0	0	0	2	5	23	0	0
3159	3302	0	3	11	0	0	0	0	0	0
3164	0	0	0	0	0	0	2	0	0	0
3164	101	0	0	1	0	0	0	0	0	0
4200	0	0	0	0	0	0	0	2	0	0
4207	100	0	0	0	0	0	2	6	0	0
4207	102	0	0	0	0	0	6	0	0	0
4207	103	0	0	0	0	1	2	0	0	0
4401	301	5	0	0	0	0	0	0	0	0
4401	4901	1	0	0	0	0	0	0	0	0
4401	4903	5	0	0	0	0	0	0	0	0
4402	201	1	0	0	0	0	0	0	0	0
4602	100	0	0	0	0	4	1	0	0	0
4602	105	0	0	0	0	1	0	0	0	0
4602	301	0	0	0	0	0	0	3	1	0
4602	402	0	0	0	0	0	0	0	1	0
4618	0	0	1	1	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	7
4907	102	0	0	2	1	0	0	0	0	0
5201	0	0	1	1	4	0	0	0	0	0
5201	600	0	0	0	0	1	0	0	0	0
5402	500	0	1	0	0	0	0	0	0	0
5402	600	0	0	1	0	0	0	0	0	0
5402	1001	0	0	0	0	1	0	0	0	0
5417	0	0	0	4	0	0	0	0	0	0
5418	101	0	13	0	0	0	0	0	0	0
5418	2200	0	0	0	1	4	1	0	0	0
5429	0	0	18	8	0	0	0	0	0	0
5429	601	0	0	2	0	0	0	0	0	0
5430	100	0	1	0	0	0	0	0	0	0
5430	102	0	1	0	0	0	0	0	0	0
5434	0	0	0	0	0	1	0	0	0	0
5434	500	0	0	0	0	1	0	0	0	0
5438	600	0	1	1	0	0	0	0	0	0
5438	700	0	0	2	0	0	0	0	0	0
5438	705	0	0	3	2	0	0	0	0	0
5447	0	3	0	0	0	0	0	0	0	0
5453	100	1	0	0	0	0	0	0	0	0
5464	0	0	0	1	0	0	0	0	0	0
5464	1	0	0	3	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5466	0	0	0	1	0	0	0	0	0	0
5507	0	0	1	11	17	0	0	0	0	0
5507	700	0	0	0	0	1	0	0	1	0
5509	100	0	0	0	1	0	0	0	0	0
5513	1	0	0	0	0	0	0	1	0	0
5513	3	0	0	2	0	0	0	0	0	0
5514	201	0	0	0	0	1	1	0	0	0
5518	201	0	0	3	1	0	0	0	0	0
5519	0	0	1	0	0	0	0	0	0	0
5525	102	0	0	0	0	4	0	1	0	0
5555	0	0	1	3	10	0	0	0	0	0
5558	2	0	0	0	0	0	0	0	1	0
5558	4	0	0	0	3	6	0	0	0	0
5558	5	0	0	0	0	1	0	0	0	0
5558	8	0	2	1	0	0	0	0	0	0
5560	0	0	0	0	0	0	1	0	0	0
5560	1	0	0	0	1	0	0	0	0	0
5560	11	0	0	0	1	0	0	0	0	0
5560	5201	0	0	8	5	0	0	1	0	0
5560	5500	0	1	0	0	0	0	0	0	0
5565	101	0	3	0	0	0	0	0	0	0
5569	0	0	0	1	1	0	0	0	0	0
5569	2	0	0	1	2	0	0	0	0	0
5572	0	0	0	0	0	1	0	0	0	0
5572	601	0	0	0	1	1	0	0	0	0
5572	701	0	0	2	0	0	0	0	0	0
5573	301	0	0	0	0	0	1	0	0	0
5574	300	0	1	0	0	0	0	0	0	0
5574	401	0	2	1	0	0	0	0	0	0
5574	500	0	21	0	0	0	0	0	0	0
5574	703	0	1	0	0	0	0	0	0	0
5580	501	0	0	0	0	1	0	0	0	0
5708	0	0	0	4	35	0	0	0	0	0
5708	400	0	0	1	0	0	0	0	0	0
5708	800	0	0	0	0	1	0	0	0	0
5708	802	0	0	0	0	1	0	0	0	0
5806	2	0	0	1	1	0	0	0	0	0
9999	0	35	140	30	23	18	12	26	6	1

TABLE 27. TC8504, replicate 2; Station W15N2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	6	21	6	0	0	0
3125	301	0	0	0	0	0	0	1	3	0
3125	302	0	5	14	33	27	9	3	0	0
3125	900	0	0	0	0	0	0	2	0	0
3126	101	0	0	0	0	0	0	4	1	0
3126	102	0	0	0	0	0	0	4	2	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3126	200	0	44	66	13	7	0	0	0	0
3126	1101	0	3	2	0	0	0	0	0	0
3126	1201	0	0	0	0	0	0	0	1	0
3127	100	0	0	0	0	0	0	0	4	1
3127	1001	0	0	0	0	0	0	0	0	2
3128	0	0	2	6	1	0	0	0	0	0
3132	100	0	0	0	0	1	0	0	0	0
3132	200	0	0	2	1	0	0	0	0	0
3134	101	0	0	0	0	0	0	0	1	0
3137	101	0	1	0	0	0	0	0	0	0
3147	0	0	0	1	0	0	0	0	0	0
3147	101	0	1	4	3	0	0	0	0	0
3151	0	0	0	0	0	0	0	2	0	0
3151	100	0	0	0	0	0	0	11	0	1
3151	101	0	0	0	0	0	0	0	1	0
3152	0	0	0	0	6	0	0	0	0	0
3152	4	0	0	0	3	8	3	0	0	0
3152	201	0	0	2	1	0	0	0	0	0
3152	400	0	0	0	0	0	1	0	0	0
3152	700	0	0	1	0	0	0	0	0	0
3152	701	0	0	4	3	0	0	0	0	0
3159	0	0	3	8	13	3	1	1	0	0
3159	104	0	0	0	0	0	8	6	1	0
3159	201	0	7	0	0	0	0	0	0	0
3159	301	0	0	0	0	0	0	1	0	0
3159	401	0	27	10	9	9	2	0	1	0
3159	500	0	39	50	64	24	15	2	0	0
3159	1304	0	0	1	3	7	3	1	0	0
3159	1305	0	0	0	1	3	19	6	0	0
3159	1407	0	23	10	1	0	0	0	0	0
3159	1600	0	0	2	3	1	2	0	0	0
3159	1614	0	1	9	0	0	0	0	0	0
3159	1682	0	0	0	1	1	0	0	0	0
3159	1691	0	0	0	2	0	0	0	0	0
3159	1692	0	0	0	1	0	0	0	0	0
3159	1802	0	0	1	0	7	12	2	0	0
3159	2105	0	0	0	0	1	0	0	0	0
3159	2107	0	1	2	5	0	0	0	0	0
3159	2109	0	0	0	0	0	4	0	0	0
3159	2301	0	0	0	0	0	3	5	0	0
3159	3003	0	1	1	16	10	5	6	0	0
3159	3302	0	6	6	1	0	0	0	0	0
3164	0	0	0	1	1	0	0	0	0	0
3164	101	0	0	3	1	0	0	0	0	0
4122	202	0	0	0	1	0	0	0	0	0
4200	0	0	0	0	0	0	2	3	0	0
4207	100	0	0	0	0	5	3	2	0	0
4207	102	0	0	0	0	0	1	2	0	0
4207	103	0	0	0	0	0	3	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
4602	105	0	0	0	1	9	3	0	0	0
4602	301	0	0	0	0	0	0	1	0	0
4602	400	0	0	0	0	0	0	1	0	0
4602	402	0	0	0	0	0	0	0	2	0
4613	100	0	0	0	0	0	1	0	0	0
4618	0	0	2	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	1	2
5201	0	0	1	0	0	0	0	0	0	0
5402	500	0	0	1	0	0	0	0	0	0
5402	1001	0	1	0	0	2	0	2	1	0
5417	0	0	1	2	0	0	0	0	0	0
5418	0	0	1	0	0	0	0	0	0	0
5418	1	1	1	0	0	0	0	0	0	0
5418	101	0	11	2	0	0	0	0	0	0
5418	2200	0	0	1	6	5	3	0	0	0
5429	0	0	18	3	0	0	0	0	0	0
5430	101	7	0	0	0	0	0	0	0	0
5434	0	0	0	2	0	0	0	0	0	0
5434	500	0	0	1	0	1	1	1	0	0
5438	401	0	3	0	0	0	0	0	0	0
5438	700	0	2	0	0	0	0	0	0	0
5438	705	0	0	2	3	0	0	0	0	0
5457	791	0	0	0	0	1	1	0	0	0
5458	0	0	0	0	1	0	0	0	0	0
5466	0	0	0	1	0	0	0	0	0	0
5503	0	0	1	0	0	0	0	0	0	0
5507	0	0	1	4	2	0	0	0	0	0
5513	1	0	0	0	0	1	0	0	0	0
5513	2	0	1	0	0	0	0	0	0	0
5513	3	0	0	1	0	0	1	0	0	0
5514	201	0	0	1	1	1	0	0	0	0
5518	201	0	1	0	0	0	0	0	0	0
5525	102	0	0	1	4	2	1	1	0	0
5534	101	0	1	0	0	0	0	0	0	0
5555	0	0	0	0	4	1	0	0	0	0
5558	2	0	0	0	0	0	0	1	0	0
5558	3	0	0	0	1	1	0	0	0	0
5558	8	0	1	0	0	0	0	0	0	0
5560	0	0	0	1	1	0	0	0	0	0
5560	291	0	0	1	0	0	0	0	0	0
5560	5201	0	2	0	2	0	0	0	0	0
5565	101	0	2	0	0	0	0	0	0	0
5571	101	0	2	1	0	0	0	0	0	0
5572	601	0	0	0	6	0	0	0	0	0
5572	701	0	2	3	0	0	0	0	0	0
5573	301	0	0	0	0	1	4	0	0	0
5574	101	0	2	0	0	0	0	0	0	0
5574	300	0	2	0	0	0	0	0	0	0
5574	401	0	2	3	1	0	0	0	0	0
5574	703	0	3	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5580	202	0	0	2	0	0	0	0	0	0
5580	501	0	1	4	2	0	0	0	0	0
5708	0	0	5	5	6	0	0	0	0	0
5708	400	1	0	0	0	0	0	0	0	0
5708	800	0	0	1	2	0	0	0	0	0
5708	802	0	2	0	0	0	0	2	0	0
5802	0	0	1	0	0	0	0	0	0	0
5806	2	0	1	2	0	0	0	0	0	0
9999	0	3	212	32	10	5	9	4	8	2

TABLE 28. TC8505, replicate 1; Station L1D1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2200	0	0	0	0	0	0	0	0	1
2500	0	0	0	0	0	1	0	0	0
2506	0	0	0	2	0	0	0	0	0
3125	300	0	0	1	0	1	3	2	0
3125	302	0	0	5	7	17	17	5	3
3126	102	0	0	0	0	0	0	0	1
3126	200	0	3	12	4	3	0	0	0
3147	0	0	0	1	6	1	0	0	0
3147	101	0	1	3	2	0	0	0	0
3152	0	0	0	0	1	1	6	4	1
3152	201	0	0	0	0	0	0	0	4
3152	301	0	1	0	0	0	0	0	0
3152	400	0	0	0	0	0	0	0	1
3152	700	0	0	0	0	0	0	1	1
3159	0	0	2	3	9	8	2	6	0
3159	101	0	0	0	0	0	1	3	2
3159	204	2	3	0	0	0	0	0	0
3159	401	0	6	4	3	0	1	0	0
3159	500	0	5	10	8	13	11	3	1
3159	1304	0	0	3	2	2	3	0	0
3159	1305	0	0	0	0	0	1	0	0
3159	1407	0	2	0	0	0	0	0	0
3159	1600	0	1	1	2	0	0	3	0
3159	1614	0	5	0	0	0	1	0	0
3159	3003	0	0	0	0	0	0	0	1
3159	3102	5	0	0	0	0	0	0	0
3164	0	0	0	0	0	1	0	0	0
3164	101	0	0	1	2	0	0	0	0
4401	4901	1	0	0	0	0	0	0	0
4602	100	0	0	0	0	0	0	1	0
4602	105	0	0	0	0	0	7	4	1
5201	1702	1	0	0	0	0	0	0	0
5402	500	0	0	0	0	1	0	0	0
5418	1	0	0	0	0	0	1	0	0
5418	2000	0	0	0	0	0	0	0	1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5429	400	2	0	0	0	0	0	0	0
5447	0	0	1	0	0	0	0	0	0
5458	0	0	0	0	0	1	0	0	0
5509	300	0	0	0	0	0	0	0	1
5518	201	0	2	0	1	1	0	0	0
5534	300	1	1	0	0	0	0	0	0
5534	601	4	0	0	0	0	0	0	0
5553	101	0	0	0	0	2	2	0	0
5553	102	0	0	1	1	2	0	0	1
5558	0	0	0	0	0	0	1	0	0
5558	1	0	0	0	1	0	0	0	0
5558	4	0	0	2	0	2	0	0	3
5558	6	0	0	0	0	1	0	0	0
5560	0	0	0	0	2	0	1	0	0
5560	1	1	0	0	0	0	0	0	0
5560	8	0	0	0	0	1	0	0	0
5560	9	0	0	0	0	0	0	2	0
5560	802	0	1	1	0	0	0	0	0
5560	1301	0	0	0	0	0	0	1	2
5560	5201	0	2	9	13	9	6	2	5
5560	5301	0	0	0	0	5	4	3	1
5560	5500	0	1	0	0	0	0	0	0
5565	101	0	1	0	1	0	0	0	0
5572	0	0	0	0	0	0	1	0	0
5573	301	0	0	0	0	0	0	0	1
5574	401	0	0	0	0	0	0	1	0
5708	800	0	0	0	0	0	1	0	0
5802	0	0	0	0	0	0	0	1	0
5806	2	0	0	1	2	1	6	1	0
9999	0	3	3	2	11	3	11	6	1

TABLE 29. TC8505, replicate 1; Station L1N1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2212	0	0	0	0	0	0	1	0	0
2507	101	0	1	0	0	0	0	0	0
3125	300	0	0	1	0	1	3	3	2
3125	302	7	11	5	9	24	62	32	7
3126	200	3	8	7	1	3	12	2	0
3147	0	1	0	1	0	0	2	0	0
3147	101	0	3	1	0	0	0	1	0
3149	100	0	0	2	0	0	0	0	0
3152	0	0	0	0	0	2	2	0	0
3152	201	0	0	0	0	0	0	0	1
3152	700	0	0	0	1	0	2	0	0
3152	701	0	0	2	0	2	0	0	0
3152	800	0	0	0	1	0	0	1	3
3152	803	0	0	0	0	0	0	1	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	0	5	3	3	0	7	4	3	2
3159	101	0	0	0	0	0	1	0	22
3159	201	0	0	0	0	1	1	0	1
3159	204	0	0	0	0	1	0	1	0
3159	401	2	3	7	5	6	5	5	3
3159	500	5	8	14	12	9	24	16	4
3159	1304	0	0	0	0	2	1	0	3
3159	1305	0	0	0	1	1	0	0	0
3159	1404	1	0	0	0	1	0	0	0
3159	1407	0	0	0	1	1	1	0	0
3159	1600	1	0	0	0	0	1	0	0
3159	1614	1	2	2	1	0	4	0	0
3159	1691	0	0	0	1	0	1	0	0
3159	1692	0	0	0	0	0	1	0	0
3159	2107	0	0	0	0	1	0	0	0
3159	2108	0	0	0	0	0	0	0	1
3159	3003	1	0	0	0	0	0	0	0
3159	3102	0	0	0	0	1	3	0	0
3164	101	0	0	1	1	0	0	0	0
4401	301	2	0	0	0	0	0	0	0
4602	100	0	0	1	0	0	0	0	0
4602	105	0	0	0	1	2	0	2	3
4912	403	0	0	0	0	0	1	0	0
5418	0	0	0	0	0	0	0	0	1
5418	1	0	0	1	0	0	0	0	0
5418	101	2	3	4	0	0	0	0	0
5418	701	0	0	0	1	0	0	0	0
5418	2000	0	0	1	1	0	0	0	1
5418	2200	0	0	0	0	0	0	0	1
5438	0	0	1	0	0	0	0	0	0
5438	700	0	0	1	0	0	0	0	0
5447	0	0	0	0	0	1	0	1	0
5458	0	0	0	3	0	0	0	0	0
5464	0	1	0	0	0	0	0	0	0
5464	200	1	0	0	0	0	0	0	0
5503	0	0	1	0	0	0	0	0	0
5507	9000	0	0	0	1	1	0	0	2
5509	100	0	0	0	0	0	1	0	0
5509	391	0	2	0	0	0	4	0	0
5509	392	0	0	0	0	0	0	2	0
5514	201	0	1	0	0	1	0	0	3
5518	101	0	0	1	0	1	0	0	0
5534	300	2	0	0	0	0	0	0	0
5534	8000	2	1	5	1	3	0	0	0
5553	100	0	0	0	1	0	0	0	0
5553	101	1	5	2	0	0	1	1	3
5553	102	0	2	1	0	0	1	0	1
5555	0	0	0	0	0	0	0	1	0
5558	4	0	0	0	0	0	0	1	0
5558	7	0	0	0	0	0	0	0	1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5560	0	0	0	0	0	0	0	2	0
5560	1	0	0	1	0	0	1	0	2
5560	4	1	1	0	1	3	0	0	0
5560	8	0	3	2	0	0	0	0	0
5560	9	0	1	0	0	0	0	0	0
5560	11	0	1	0	0	0	0	0	0
5560	292	0	0	0	3	1	0	1	0
5560	802	0	3	2	1	0	2	0	0
5560	1301	0	0	0	0	0	1	1	2
5560	5201	9	32	13	5	6	18	9	24
5560	5301	0	2	3	0	1	2	3	16
5565	101	0	1	0	0	0	0	0	0
5574	401	0	1	0	0	0	1	0	0
5708	0	1	0	1	1	0	0	0	0
5708	800	0	0	0	3	0	0	0	0
5806	1	0	0	0	1	1	0	0	0
5806	2	0	0	2	1	0	0	0	1
9999	0	16	7	13	8	16	14	6	7

TABLE 30. TC8505, replicate 1; Station L5D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	2	3	0	0	0	0	0	0
3125	301	0	0	0	0	0	0	1	0	0
3125	302	0	7	8	1	0	0	0	0	0
3126	101	0	0	0	0	0	1	6	0	0
3126	102	0	0	0	1	1	1	0	0	0
3126	200	0	5	1	0	0	0	0	0	0
3127	1001	0	0	0	0	0	0	0	3	0
3134	101	0	0	0	0	0	0	1	0	0
3147	0	0	1	0	0	0	0	0	0	0
3147	101	0	3	1	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	2	0	0
3151	101	0	0	0	0	0	0	0	0	1
3152	0	0	0	3	0	0	0	0	0	0
3152	1	0	0	0	1	0	0	0	0	0
3152	401	0	0	0	1	0	0	0	0	0
3152	700	0	0	1	0	0	1	0	0	0
3152	800	0	0	0	2	1	0	0	0	0
3159	0	0	4	7	0	0	0	0	0	0
3159	101	0	0	0	1	0	1	0	0	0
3159	201	0	2	0	0	0	0	0	0	0
3159	204	0	1	0	0	0	0	0	0	0
3159	401	0	8	0	0	0	0	0	0	0
3159	500	0	2	14	3	0	1	0	0	0
3159	1304	0	0	5	0	0	0	0	0	0
3159	1614	0	0	1	0	0	0	0	0	0
3159	2105	0	0	0	0	0	0	0	1	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	2400	0	0	4	0	0	0	0	0	0
3159	3003	0	0	0	1	0	0	0	0	0
3159	3102	30	0	0	0	0	0	0	0	0
4206	0	0	0	0	0	0	0	0	0	2
4401	610	1	0	0	0	0	0	0	0	0
4602	105	0	0	1	0	0	0	0	0	0
5201	0	0	0	0	2	0	0	0	0	0
5201	701	0	1	0	0	0	0	0	0	0
5402	500	0	2	0	0	0	0	0	0	0
5418	2200	0	1	0	0	0	0	0	0	0
5430	101	1	0	0	0	0	0	0	0	0
5447	0	10	0	0	0	0	0	0	0	0
5457	0	0	1	0	0	0	0	0	0	0
5507	700	0	0	2	0	0	0	0	0	0
5507	9000	0	0	0	0	0	0	0	1	0
5534	601	1	0	0	0	0	0	0	0	0
5558	4	0	0	0	0	1	0	0	0	0
5560	1	0	0	0	0	1	0	0	0	0
5560	4	0	0	1	0	0	0	0	0	0
5560	5201	0	0	3	0	0	0	0	0	0
5560	5301	0	0	0	1	0	0	0	0	0
5571	101	0	1	0	0	0	0	0	0	0
5573	301	0	0	0	1	0	0	0	0	0
5573	502	0	0	0	0	0	0	1	0	0
5708	0	0	0	1	0	0	0	0	0	0
5708	800	0	0	2	2	0	0	0	0	0
5708	802	0	0	0	0	0	1	0	0	0
5806	0	0	0	1	1	0	0	0	0	0
5806	2	0	0	2	0	0	0	0	0	0
9999	0	0	4	3	3	1	3	0	0	1

TABLE 31. TC8505, replicate 1; Station L5N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	0	0	0	1	1	0
3125	300	0	1	2	2	4	0	0	0	0
3125	302	2	27	31	36	1	0	0	0	1
3126	101	0	0	0	0	0	5	7	4	0
3126	102	0	0	0	0	0	1	1	1	0
3126	200	2	6	10	7	1	0	0	0	0
3127	1001	0	0	0	0	0	0	0	0	1
3128	0	0	0	1	0	0	0	1	0	0
3147	0	0	0	0	2	0	0	0	0	0
3147	101	5	6	4	1	0	0	0	0	0
3149	100	1	0	0	0	0	0	0	0	0
3151	100	0	0	0	0	0	1	1	0	0
3151	101	0	0	0	0	0	1	0	0	0
3151	102	0	0	0	0	0	0	0	1	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3152	0	2	1	0	3	4	0	0	0	0
3152	1	0	0	0	0	1	0	0	0	0
3152	201	0	0	0	0	1	0	0	0	0
3152	301	0	0	1	0	0	0	0	0	0
3152	701	0	2	0	0	0	0	0	0	0
3152	703	0	1	0	0	0	0	0	0	0
3152	800	0	3	0	0	3	0	0	0	0
3152	803	0	0	0	0	3	1	0	0	0
3159	0	4	1	3	6	4	0	0	0	0
3159	101	0	0	0	2	10	0	3	2	0
3159	104	0	0	0	0	0	0	1	1	0
3159	201	1	1	0	0	0	0	0	0	0
3159	204	0	0	0	1	0	0	0	0	0
3159	401	1	8	7	5	0	0	0	0	1
3159	500	4	9	8	13	13	3	0	0	2
3159	601	0	0	0	0	0	0	0	1	0
3159	1304	0	2	1	2	1	3	2	0	1
3159	1305	0	0	0	0	0	0	0	1	0
3159	1404	0	0	1	0	0	0	0	0	0
3159	1407	2	0	1	0	0	0	0	0	0
3159	1600	1	0	1	2	0	0	1	0	0
3159	1614	1	0	0	0	0	0	0	0	0
3159	1691	0	1	1	3	1	0	0	0	0
3159	1692	0	0	0	0	1	0	0	0	0
3159	1802	0	0	0	0	2	0	0	0	0
3159	2104	0	0	0	0	0	1	0	0	0
3159	2108	0	0	0	0	2	0	0	1	0
3159	2402	0	0	0	0	1	0	0	0	0
3159	3003	0	0	0	0	1	1	0	0	0
3164	0	1	0	1	1	0	0	0	0	0
4200	0	0	0	0	0	0	0	1	0	0
4401	301	1	0	0	0	0	0	0	0	0
4602	100	0	0	0	0	1	0	0	0	0
4602	105	0	0	0	0	1	0	0	0	0
4602	301	0	0	0	0	0	1	0	0	0
5402	500	0	0	1	0	0	0	0	0	0
5418	101	0	2	0	3	0	0	0	0	0
5418	2000	0	0	1	0	0	1	0	0	0
5429	601	0	0	1	0	0	0	0	0	0
5458	0	0	3	0	1	0	0	0	0	0
5464	0	0	1	0	1	0	0	0	0	0
5503	0	0	1	1	0	0	0	0	0	0
5507	800	0	0	0	2	1	0	0	0	0
5507	9000	0	0	1	0	1	0	0	0	0
5509	392	0	1	0	0	0	0	0	0	0
5514	201	0	0	0	4	2	2	1	0	0
5518	201	0	0	0	1	3	0	0	0	0
5534	8000	1	0	0	1	0	0	0	0	0
5553	101	0	0	0	0	1	0	0	0	0
5555	0	0	0	1	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5558	0	0	0	0	0	1	0	0	0	0
5558	2	0	0	0	0	1	0	0	1	0
5558	4	0	0	0	1	0	1	0	1	0
5560	1	0	0	0	2	0	0	0	0	0
5560	8	3	0	0	0	0	0	0	0	0
5560	9	0	0	1	0	0	0	0	0	0
5560	291	0	0	0	1	0	0	0	0	0
5560	292	2	1	0	0	0	0	0	0	0
5560	802	3	0	0	0	0	0	0	0	0
5560	1301	0	0	0	0	0	1	0	0	0
5560	5201	7	0	3	5	2	0	0	0	0
5560	5301	1	0	0	1	0	0	0	0	0
5573	301	0	0	0	1	1	0	0	0	0
5574	300	0	1	0	0	0	0	0	0	0
5708	0	0	4	1	0	0	0	0	0	0
5708	800	1	0	2	1	1	0	0	0	0
5806	1	0	0	2	0	0	0	0	0	0
5806	2	0	0	0	2	0	0	0	0	0
9999	0	7	4	6	6	3	2	5	0	1

TABLE 32. TC8505, replicate 1; Station L15D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	0	0	1	0	0	3
2911	101	3	0	0	0	0	0	0	0	0
3125	300	0	0	2	1	7	0	1	0	0
3125	302	0	0	4	6	2	0	0	0	0
3126	101	0	0	0	0	0	1	4	8	2
3126	102	0	0	0	0	0	0	0	1	0
3126	200	0	18	29	1	0	0	0	0	0
3126	1101	0	0	1	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	2	5	1
3128	0	0	0	0	0	0	0	0	2	0
3131	0	0	0	1	0	0	0	0	0	0
3147	0	0	0	1	1	0	0	0	0	0
3147	101	0	6	0	0	0	0	0	0	0
3149	100	0	5	0	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	2	6	2
3151	102	0	0	0	0	0	0	0	1	0
3151	103	0	0	0	0	0	0	1	1	1
3152	0	0	0	0	0	5	0	0	0	0
3152	201	0	0	0	0	0	1	0	0	0
3152	400	0	0	0	0	1	0	0	0	0
3152	701	0	0	0	1	0	0	0	0	0
3152	800	0	0	0	0	0	2	0	0	0
3153	102	1	0	0	0	0	0	0	0	1
3159	0	0	2	14	1	4	0	0	0	0
3159	104	0	0	0	0	0	1	2	3	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	201	0	28	1	0	0	0	0	0	0
3159	204	1	9	0	0	0	0	0	0	0
3159	401	0	117	9	0	0	0	0	0	0
3159	500	0	24	26	6	6	1	0	0	0
3159	1304	0	0	2	2	0	0	0	0	0
3159	1305	0	0	1	0	0	0	0	0	0
3159	1404	0	4	0	0	0	0	0	0	0
3159	1407	0	23	2	0	0	0	0	0	0
3159	1600	0	0	0	4	4	0	0	0	0
3159	1614	0	0	2	0	0	0	0	0	0
3159	1802	0	0	0	0	3	0	0	0	0
3159	2100	0	0	0	0	2	0	0	0	0
3159	2105	0	0	0	0	1	0	0	0	0
3159	2107	0	0	0	0	0	1	0	0	0
3159	2108	0	0	0	0	0	0	1	0	0
3159	2402	0	0	0	0	1	0	0	0	0
3159	3102	42	31	1	0	0	0	0	0	0
3159	3302	0	1	0	0	0	0	0	0	0
3164	0	0	0	1	1	0	1	0	0	0
4122	202	0	0	0	0	0	1	0	0	0
4206	0	0	0	0	0	0	0	0	0	2
4401	301	1	0	0	0	0	0	0	0	0
4602	100	0	0	0	1	8	0	1	1	0
4602	105	0	0	0	0	2	0	0	0	0
4702	100	0	0	0	0	0	0	0	3	0
5201	0	0	2	0	0	2	0	0	0	0
5402	500	0	1	1	1	0	0	0	0	0
5418	101	0	1	0	0	0	0	0	0	0
5429	400	10	0	0	0	0	0	0	0	0
5438	600	0	0	0	0	1	0	0	0	0
5447	0	3	2	0	0	0	0	0	0	0
5453	100	1	0	0	0	0	0	0	0	0
5457	791	0	1	0	0	0	0	0	0	0
5507	0	0	0	0	0	0	1	0	0	0
5507	700	0	0	0	0	2	0	0	0	0
5507	800	0	0	0	0	1	0	0	0	0
5507	1400	0	0	0	1	0	0	0	0	0
5509	100	0	0	0	1	0	0	0	0	0
5514	0	0	0	0	0	1	0	0	0	0
5514	201	0	0	0	0	1	0	0	0	5
5517	200	0	0	0	0	0	1	0	0	0
5534	8000	0	1	0	0	0	0	0	0	0
5553	101	0	0	1	2	0	0	0	0	0
5558	3	0	0	0	0	0	0	0	0	1
5558	4	0	0	0	0	2	1	0	0	1
5558	6	0	0	0	0	0	0	1	0	0
5558	8	0	0	0	0	0	1	0	0	0
5558	101	1	0	0	0	0	0	0	0	0
5560	8	0	0	0	0	1	0	0	0	0
5560	291	0	0	0	1	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5560	292	0	0	0	0	5	0	0	0	1
5565	101	0	0	1	0	0	0	0	0	0
5569	1	0	0	0	1	0	0	0	0	0
5572	601	0	0	0	1	1	0	0	0	0
5573	301	0	0	0	2	7	1	1	0	1
5708	0	0	0	0	1	0	0	0	0	0
5708	800	0	0	0	8	12	2	0	0	0
5806	0	2	0	0	0	0	0	0	0	0
5806	1	0	0	0	0	1	0	0	0	0
9999	0	3	2	4	3	13	3	2	9	10

TABLE 33. TC8505, replicate 1; Station L15N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	0	1	0	0	0	0
2212	0	0	0	0	1	1	3	0	0	0
2506	201	2	0	0	0	0	0	0	0	0
3125	300	2	7	5	6	0	0	0	0	0
3125	301	0	0	0	0	1	3	1	0	0
3125	302	16	28	83	64	16	1	1	0	0
3126	101	0	0	0	0	0	6	10	6	0
3126	102	0	0	0	0	1	4	2	1	0
3126	103	0	0	0	0	0	0	3	1	1
3126	200	6	3	4	0	0	2	0	0	0
3126	1201	0	0	0	0	0	0	0	1	0
3127	100	0	0	0	0	0	0	0	2	7
3127	400	0	0	0	0	0	0	0	1	2
3127	1001	0	0	0	0	0	0	0	1	1
3127	9901	0	0	0	0	0	0	2	3	0
3134	101	0	0	0	0	1	0	1	1	1
3147	0	1	0	0	0	0	0	0	0	0
3147	101	2	3	2	0	0	0	0	0	0
3147	300	0	0	0	3	0	0	0	0	0
3151	100	0	0	0	0	0	2	2	2	1
3151	101	0	0	0	0	0	1	2	3	0
3152	0	0	0	1	2	0	0	0	0	0
3152	1	0	0	0	1	0	0	0	0	0
3152	100	0	0	0	1	0	0	0	0	0
3152	201	0	2	0	3	0	0	0	0	0
3152	301	1	1	1	0	0	0	0	0	0
3152	400	0	0	0	1	0	0	0	0	0
3152	402	0	0	0	0	1	0	0	0	0
3152	701	0	1	2	1	0	0	0	0	0
3152	800	0	0	0	3	1	0	0	0	0
3152	803	0	0	0	0	1	0	0	0	0
3153	101	0	0	0	0	0	1	0	0	0
3159	0	0	6	8	7	1	0	2	0	0
3159	101	0	0	0	9	2	1	1	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	104	0	0	0	0	0	1	2	8	1
3159	201	0	4	13	1	0	0	0	0	0
3159	204	0	1	14	1	0	0	0	0	0
3159	401	5	15	43	35	15	3	1	0	0
3159	500	11	16	24	34	20	5	0	0	0
3159	1304	0	3	0	2	6	3	1	0	0
3159	1305	0	0	1	3	1	0	0	0	0
3159	1407	0	0	1	0	0	0	0	0	0
3159	1600	0	1	0	0	1	0	0	0	0
3159	1614	1	1	4	1	0	0	0	0	0
3159	1691	0	0	1	0	3	1	0	0	0
3159	1692	0	0	0	0	0	1	0	0	0
3159	1802	0	0	0	0	1	0	0	0	0
3159	2105	0	0	0	1	0	0	0	0	0
3159	2107	0	0	0	1	0	1	0	0	0
3159	2108	0	0	0	0	1	1	1	0	0
3159	2301	0	0	0	0	0	1	0	0	0
3159	2402	1	0	0	1	1	1	1	0	0
3159	3003	0	0	1	2	6	0	0	0	0
3159	3102	0	1	3	1	1	0	0	0	0
3164	0	0	1	3	1	0	1	0	2	3
4206	0	0	0	0	0	0	0	0	0	1
4207	100	0	0	0	1	0	0	0	0	0
4602	100	0	0	1	2	0	0	0	1	0
4602	105	0	0	3	3	0	0	0	0	0
5201	0	0	0	1	1	0	0	0	0	0
5402	500	0	0	1	1	1	0	0	0	0
5418	1	1	0	0	0	0	0	0	0	0
5418	2000	0	0	1	0	0	0	0	0	0
5438	600	0	0	0	1	0	0	0	0	0
5438	705	0	0	1	0	0	0	0	0	0
5507	0	0	0	0	6	0	0	0	0	0
5507	8	0	2	1	0	0	0	0	0	0
5507	700	0	0	1	7	2	0	0	0	0
5507	800	0	1	1	6	1	0	0	0	0
5507	1400	0	1	5	0	0	0	0	0	0
5507	8000	0	0	0	2	0	0	0	0	0
5507	9000	0	0	1	0	2	0	0	0	0
5509	0	1	0	0	1	0	0	0	0	0
5509	100	0	0	2	5	0	0	0	0	0
5509	391	0	0	0	1	0	0	0	0	0
5514	201	0	0	0	2	7	1	0	0	1
5517	200	0	0	0	0	1	0	0	0	0
5518	101	0	0	1	1	0	0	0	0	0
5553	100	0	0	0	1	0	0	0	0	0
5553	101	0	6	1	0	1	0	0	0	0
5553	102	0	2	2	4	0	1	0	0	0
5558	3	0	0	0	0	1	0	0	0	0
5558	4	0	0	0	3	4	0	0	0	1
5558	8	0	0	0	0	0	0	0	1	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5558	101	0	0	0	0	0	1	0	0	0
5560	0	0	0	0	1	0	0	0	0	0
5560	1	0	0	0	2	2	0	0	0	0
5560	4	1	0	1	1	0	0	0	0	0
5560	7	0	0	1	1	0	0	0	0	0
5560	10	0	0	0	1	0	0	0	0	0
5560	11	0	0	1	0	0	0	0	0	0
5560	291	0	0	0	4	0	0	0	0	0
5560	292	0	0	0	3	2	0	0	0	0
5560	802	0	0	0	1	1	0	0	0	0
5560	1301	0	0	0	0	0	1	0	0	0
5560	5201	0	7	10	1	0	1	0	0	0
5560	5301	0	2	0	0	0	0	0	0	0
5560	5500	0	0	1	0	0	0	0	0	0
5565	101	0	0	0	1	0	0	0	0	0
5569	2	0	0	0	1	0	0	0	0	0
5571	101	0	0	0	0	2	0	0	0	0
5572	401	0	0	1	0	0	0	0	0	0
5572	601	0	0	0	1	0	0	0	0	0
5573	301	0	0	1	3	0	2	0	0	0
5708	0	0	4	4	5	0	0	0	0	0
5708	400	2	0	0	0	0	0	0	0	0
5708	800	0	0	15	29	6	1	0	0	0
5708	802	0	0	1	0	2	0	0	0	0
5802	0	0	1	0	0	0	0	0	0	0
5806	2	0	0	0	0	1	0	0	0	0
9999	0	1	2	17	12	8	4	4	1	3

TABLE 34. TC8505, replicate 1; Station W2D1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2200	0	0	0	0	2	0	10	1	0
2212	0	0	0	0	0	0	0	3	2
2500	0	0	0	0	0	3	0	0	0
2506	101	0	0	1	3	0	0	0	2
2507	101	0	0	1	0	0	0	0	0
3125	302	0	0	11	36	14	0	0	0
3126	200	0	1	2	2	0	0	0	0
3128	0	0	1	0	0	0	0	0	0
3132	200	0	0	2	2	0	0	0	0
3147	0	1	0	2	24	1	1	0	0
3147	101	0	0	5	16	1	0	0	0
3152	0	0	0	0	0	1	5	2	0
3152	201	0	0	0	0	0	0	1	0
3152	701	0	0	1	1	0	1	0	0
3152	803	0	0	0	0	0	1	0	0
3159	0	0	0	7	3	4	1	0	1
3159	101	0	0	0	0	5	21	17	15

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	201	0	2	0	0	0	0	0	0
3159	401	0	4	5	2	1	0	0	0
3159	500	0	1	7	20	9	3	1	0
3159	1304	0	0	8	9	3	0	0	1
3159	1305	0	0	0	1	0	0	0	0
3159	1407	0	0	2	0	0	0	0	0
3159	1614	0	0	8	6	0	0	0	0
3159	1692	0	0	0	1	0	0	0	0
3159	2400	0	0	0	0	2	0	0	0
3159	3003	0	0	0	0	1	0	0	0
3159	3102	8	4	0	0	0	0	0	0
3164	0	0	0	2	3	0	0	0	0
3164	101	0	0	1	3	0	0	0	0
4602	100	0	0	0	0	0	2	1	0
4602	105	0	0	0	0	0	0	2	0
4907	102	0	0	0	0	0	0	1	0
4912	201	0	0	0	0	1	0	0	0
5402	500	0	0	3	4	0	0	0	0
5418	0	0	0	1	0	2	0	0	0
5418	1	0	0	1	0	0	0	0	0
5418	101	0	0	0	1	0	0	0	0
5418	2000	0	0	0	0	1	0	2	0
5418	2200	0	0	0	1	0	0	0	0
5428	0	0	1	0	0	0	0	0	0
5429	0	0	5	14	5	0	0	0	0
5429	400	6	0	0	0	0	0	0	0
5429	601	0	1	0	0	0	0	0	0
5438	700	0	0	2	0	0	0	0	0
5438	705	0	0	2	2	0	0	0	0
5447	0	6	0	0	0	0	0	0	0
5453	100	9	1	0	0	0	0	0	0
5458	0	0	0	0	1	0	0	0	0
5464	0	0	0	1	0	0	0	0	0
5464	200	0	10	0	0	0	0	0	0
5466	0	0	0	0	0	1	0	0	0
5507	0	0	0	1	3	0	2	0	0
5507	700	0	0	0	1	0	0	0	0
5507	800	0	0	1	5	2	0	0	0
5507	1400	0	0	1	0	0	0	0	0
5507	9000	0	0	3	0	0	0	0	0
5509	0	0	0	0	1	0	0	0	0
5509	391	0	0	0	0	0	1	0	0
5518	101	0	0	3	6	0	0	0	0
5518	201	0	0	0	6	0	0	0	0
5519	0	0	0	1	0	0	0	0	0
5525	102	0	0	0	0	0	1	0	0
5534	601	3	1	0	0	0	0	0	0
5534	8000	0	4	3	1	0	0	0	0
5553	101	0	0	1	2	4	1	1	0
5553	102	0	1	6	3	4	1	1	4

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5555	0	0	0	0	2	2	0	0	0
5558	4	0	1	1	4	0	0	0	2
5560	0	0	0	0	2	0	0	0	0
5560	1	0	0	0	0	0	0	0	1
5560	4	0	0	0	0	0	0	0	1
5560	8	0	0	7	0	0	0	0	0
5560	9	0	0	2	0	0	0	0	0
5560	802	0	2	0	0	2	1	1	1
5560	5201	0	14	40	5	5	0	13	13
5560	5301	0	0	6	4	7	3	8	22
5565	101	0	0	0	1	0	0	0	0
5572	601	0	0	0	1	0	0	0	0
5577	201	0	1	0	0	0	0	0	0
5708	0	0	0	2	6	0	0	0	0
5708	800	0	0	2	0	0	0	0	0
5806	2	0	0	0	1	1	0	0	0
9999	0	8	3	12	16	4	3	2	0

TABLE 35. TC8505, replicate 1; Station W2N1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2200	0	0	0	0	0	2	2	2	0
2212	0	0	0	2	6	0	0	0	1
2214	101	0	0	0	1	0	0	0	0
2506	0	0	0	0	0	0	0	0	1
2506	101	5	5	5	0	1	0	3	3
2507	101	2	1	1	0	0	0	0	0
3125	300	0	0	0	0	1	2	3	0
3125	302	0	1	3	35	129	95	9	1
3126	102	0	0	0	0	0	0	2	1
3126	200	1	1	0	1	1	0	0	0
3128	0	0	0	0	0	2	0	0	0
3131	0	0	0	0	1	0	0	0	0
3132	100	0	0	0	0	1	1	0	0
3132	200	0	0	0	2	2	0	0	0
3134	101	0	0	0	0	0	0	0	1
3147	0	0	0	1	35	30	8	0	0
3147	101	0	1	0	20	34	11	0	0
3151	0	0	0	0	0	0	0	1	0
3152	0	0	0	0	0	0	3	2	0
3152	302	0	0	0	0	1	0	0	0
3152	303	0	0	0	0	0	1	0	0
3152	700	0	1	0	0	0	0	0	0
3152	701	2	2	1	4	7	3	2	0
3152	703	0	0	0	0	0	1	0	0
3152	800	0	0	0	1	0	0	0	0
3152	803	0	0	0	0	0	1	0	1
3153	101	0	0	0	0	2	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3153	102	0	1	1	0	1	0	0	0
3159	0	0	0	2	7	11	9	7	0
3159	101	0	1	0	0	0	0	3	20
3159	201	1	0	0	4	2	0	1	0
3159	204	0	0	1	0	0	5	1	0
3159	401	0	2	2	5	20	13	3	0
3159	500	3	3	5	9	25	62	14	2
3159	1304	0	0	0	1	3	8	12	0
3159	1305	0	0	0	0	0	0	1	0
3159	1407	0	0	0	0	2	4	2	0
3159	1600	0	0	0	1	3	3	0	0
3159	1614	0	0	1	3	7	0	3	0
3159	1691	0	0	2	3	2	4	2	0
3159	1692	0	0	0	1	0	0	0	0
3159	2107	0	0	0	0	1	2	1	0
3159	3003	0	0	0	0	1	0	3	0
3159	3102	1	1	1	0	0	1	0	1
3164	0	0	0	0	0	1	0	0	0
3164	101	0	0	0	3	0	0	0	0
3164	301	0	0	0	0	0	0	2	0
4200	0	0	0	0	0	0	2	0	0
4602	100	0	0	0	0	1	2	0	0
4602	105	0	0	0	1	1	0	0	0
5201	0	0	0	1	0	0	0	0	0
5402	500	0	0	0	2	4	8	1	0
5418	0	0	0	0	0	1	0	0	0
5418	1	0	0	1	1	0	3	8	1
5418	101	2	1	3	2	5	2	0	0
5428	0	1	0	0	0	0	0	0	0
5429	0	3	2	13	0	0	0	0	0
5429	400	0	1	1	0	0	0	0	0
5429	601	0	0	1	0	0	0	0	0
5438	700	0	1	0	0	0	0	0	0
5438	705	0	0	0	2	0	0	0	0
5447	0	0	0	0	0	1	1	0	0
5458	0	0	0	0	1	0	0	0	0
5464	1	0	0	0	1	1	0	0	0
5507	0	0	0	0	3	2	0	3	0
5507	8	0	0	0	0	0	1	0	0
5507	700	0	0	0	0	3	1	0	0
5507	800	0	1	1	2	3	0	0	0
5507	8000	0	0	1	1	0	0	0	0
5507	9000	0	0	1	0	0	0	0	0
5509	0	0	0	0	1	0	3	0	0
5509	391	0	1	2	0	0	0	0	0
5509	392	0	0	2	0	0	0	0	0
5514	201	0	0	0	2	0	1	1	0
5518	201	0	1	0	2	10	2	0	0
5519	0	0	0	0	3	0	0	0	0
5534	601	0	0	0	0	0	0	1	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5534	8000	0	2	3	9	0	0	0	0
5553	100	0	0	4	0	0	0	0	0
5553	101	4	8	2	2	1	0	9	1
5553	102	8	9	4	0	0	0	5	2
5555	0	0	1	0	1	4	0	0	0
5558	4	1	0	3	2	0	0	0	0
5558	6	0	0	0	0	0	0	2	0
5558	8	0	0	0	0	1	0	1	1
5560	0	0	0	1	0	2	0	1	4
5560	1	0	0	0	0	1	0	0	0
5560	4	0	0	3	0	0	0	2	0
5560	5	0	0	0	0	1	0	0	0
5560	7	0	0	0	2	1	0	0	0
5560	8	5	0	4	0	1	1	0	1
5560	9	0	0	1	1	0	0	0	0
5560	291	0	0	1	1	0	0	1	0
5560	802	1	2	2	0	0	0	3	0
5560	5201	95	30	35	13	17	25	62	107
5560	5301	14	6	7	2	0	0	13	6
5560	5500	0	0	0	1	1	0	0	0
5565	101	0	0	1	1	0	0	0	0
5569	2	0	0	0	0	1	0	0	0
5571	101	0	2	3	2	2	3	0	0
5572	401	0	0	0	0	0	1	1	0
5572	601	0	0	0	0	1	0	0	0
5573	301	0	0	0	0	1	1	2	0
5574	0	0	0	0	0	1	0	0	0
5574	300	0	0	1	0	0	0	1	0
5574	401	0	0	0	1	0	0	0	0
5574	501	0	0	0	0	2	0	0	0
5580	202	0	1	0	0	0	0	0	0
5580	206	0	1	0	0	0	0	0	0
5708	0	0	0	0	5	4	1	0	0
5708	400	3	0	0	0	0	0	0	0
5708	800	0	0	0	0	3	1	2	0
5708	802	0	0	1	0	0	0	0	0
9999	0	15	16	24	19	15	22	6	3

TABLE 36. TC8505, replicate 1; Station W5D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	1	1	5	3	5	3	1
2212	0	0	1	0	0	0	0	0	0	0
2506	101	0	5	2	0	0	0	0	0	0
3125	300	0	0	0	1	1	0	0	0	0
3125	302	0	3	3	2	0	0	0	0	0
3126	101	0	0	0	0	0	2	3	0	0
3126	102	0	0	0	0	0	1	2	0	0
3126	200	0	1	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3127	100	0	0	0	0	0	0	0	0	2
3128	0	0	0	0	2	0	0	0	1	0
3132	200	0	0	1	0	0	0	0	0	0
3134	101	0	0	0	0	0	0	0	2	0
3147	0	0	11	3	0	0	0	0	0	0
3147	101	0	27	0	0	0	0	0	0	0
3147	300	1	0	0	0	0	0	0	0	0
3151	0	0	0	0	0	0	0	1	0	0
3151	101	0	0	0	0	0	0	1	0	0
3152	0	0	0	2	0	1	0	0	0	0
3152	701	0	0	2	0	1	0	0	0	0
3152	901	0	0	0	0	0	0	1	0	0
3153	101	0	0	0	0	0	0	2	0	0
3153	201	0	0	1	0	0	0	0	0	0
3159	0	0	3	1	1	0	0	0	0	0
3159	101	0	2	4	2	1	0	0	0	0
3159	104	0	0	0	0	0	0	1	0	0
3159	204	0	1	0	0	0	0	0	0	0
3159	401	0	4	0	0	0	0	0	0	0
3159	500	1	9	4	1	0	0	0	0	0
3159	1304	0	0	2	0	2	0	0	0	0
3159	1614	0	2	2	0	0	0	0	0	0
3159	3102	40	0	0	0	0	0	0	0	0
3164	101	0	1	0	0	0	0	0	0	0
4401	401	1	0	0	0	0	0	0	0	0
4401	5401	1	0	0	0	0	0	0	0	0
4401	9900	1	0	0	0	0	0	0	0	0
4602	100	0	0	0	1	0	0	0	0	0
4602	105	0	0	1	0	1	0	0	0	0
4906	101	0	0	1	0	0	0	0	0	0
5201	0	0	1	0	0	0	0	0	0	0
5405	101	0	0	0	0	0	1	0	0	0
5418	1	0	2	2	0	0	0	0	0	0
5418	101	0	5	0	0	0	0	0	0	0
5429	0	0	13	2	0	0	0	0	0	0
5429	400	3	2	0	0	0	0	0	0	0
5438	705	0	1	1	0	0	0	0	0	0
5447	0	6	0	0	0	0	0	0	0	0
5453	100	8	0	0	0	0	0	0	0	0
5457	791	0	1	0	0	0	0	0	0	0
5458	0	0	1	1	0	0	0	0	0	0
5464	200	1	0	0	0	0	0	0	0	0
5501	0	1	0	0	0	0	0	0	0	0
5507	0	0	1	1	0	0	0	0	0	0
5507	700	0	2	1	0	0	0	0	0	0
5507	800	0	0	1	0	0	0	0	0	0
5507	9000	0	0	2	0	0	0	0	0	0
5509	0	0	1	0	0	0	0	0	0	0
5509	100	0	0	0	1	0	0	0	0	0
5509	391	0	0	0	1	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5514	201	0	0	6	4	2	0	0	0	0
5518	101	0	3	0	0	0	0	0	0	0
5518	201	0	4	1	1	0	0	0	0	0
5519	0	0	1	0	0	0	0	0	0	0
5534	601	1	0	0	0	0	0	0	0	0
5534	8000	0	17	0	0	0	0	0	0	0
5553	101	0	4	0	0	0	0	0	0	0
5553	102	0	3	0	0	0	0	0	0	0
5555	0	0	7	3	0	0	0	0	0	0
5558	4	0	5	4	1	0	0	0	0	0
5558	6	0	0	1	0	0	0	0	0	0
5560	0	0	1	0	1	0	1	0	0	0
5560	1	0	0	1	0	0	1	0	0	0
5560	4	0	0	1	0	1	0	0	0	0
5560	8	0	2	0	0	0	0	0	0	0
5560	9	0	2	0	0	0	0	0	0	0
5560	11	0	0	1	0	0	0	0	0	0
5560	291	0	0	0	0	2	0	0	0	0
5560	802	0	1	0	0	0	0	0	0	0
5560	5201	0	64	2	5	1	0	0	0	0
5560	5301	0	4	1	0	0	0	0	0	0
5572	601	0	0	1	0	0	0	0	0	0
5573	0	0	0	2	0	0	0	0	1	0
5573	301	0	0	1	0	0	0	0	0	0
5580	201	0	0	0	1	0	0	0	0	0
5708	0	0	7	4	1	0	0	0	0	0
5708	800	0	0	2	1	0	0	0	0	0
5708	802	0	0	0	1	0	0	0	1	0
5806	1	0	1	0	0	0	0	0	0	0
9999	0	22	40	20	6	7	6	7	1	4

TABLE 37. TC8505, replicate 1; Station W5N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	0	1	1	0	0	1
2202	0	0	0	1	0	0	0	0	0	0
2212	0	0	1	0	0	0	0	1	1	0
2212	401	0	0	0	1	0	0	0	0	0
2214	101	0	0	1	0	0	0	0	0	0
2507	100	0	1	0	0	0	0	0	0	0
3125	300	0	0	2	21	3	1	0	0	0
3125	301	0	0	0	0	0	1	2	0	0
3125	302	0	0	33	66	2	1	0	0	1
3126	101	0	0	0	0	3	14	56	2	1
3126	102	0	0	0	0	1	18	14	1	0
3126	200	1	1	0	0	0	0	0	0	0
3126	1101	1	1	0	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	5	1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3128	0	0	1	0	1	1	1	1	0	0
3132	200	0	1	1	0	0	0	0	0	0
3132	400	1	0	0	0	0	0	0	0	0
3134	101	0	0	0	0	8	0	1	0	0
3137	101	0	0	0	0	0	1	0	0	0
3147	0	0	0	5	0	0	0	0	0	0
3147	101	1	1	5	0	0	0	0	0	0
3151	100	0	0	0	0	1	4	1	0	0
3151	101	0	0	0	0	0	1	1	0	0
3151	103	0	0	0	0	0	0	1	0	0
3152	0	0	0	1	4	3	0	0	0	0
3152	201	0	0	0	1	0	0	0	0	0
3152	301	0	0	1	0	0	0	0	0	0
3152	302	0	0	0	0	1	0	0	0	0
3152	491	0	0	0	0	1	0	0	0	0
3152	701	0	0	0	2	0	0	0	0	0
3153	100	0	0	0	0	0	1	0	0	0
3153	101	0	0	0	0	6	0	0	0	0
3153	201	0	1	0	0	0	0	0	0	0
3159	0	0	0	1	11	4	1	0	0	0
3159	101	0	0	0	0	0	0	4	0	0
3159	104	0	0	0	0	0	0	4	1	0
3159	201	3	3	2	1	1	0	0	0	0
3159	204	0	0	1	4	0	0	1	0	0
3159	301	0	0	0	1	2	1	0	0	0
3159	401	3	3	13	14	2	1	0	0	0
3159	500	2	2	6	9	6	0	0	0	0
3159	601	0	0	0	0	0	1	0	0	0
3159	1304	0	1	2	12	4	6	4	0	0
3159	1305	0	0	0	3	3	0	1	0	0
3159	1404	0	0	2	1	0	0	0	0	0
3159	1407	2	0	2	3	2	0	0	0	0
3159	1600	0	0	2	2	0	0	0	0	0
3159	1691	0	0	0	2	1	0	0	0	0
3159	1692	0	1	1	2	0	0	0	0	0
3159	1802	0	0	0	0	1	0	2	1	0
3159	2104	0	0	0	1	1	2	0	0	0
3159	2105	0	0	0	0	1	0	0	0	0
3159	2107	0	0	1	0	3	0	0	0	0
3159	3003	0	0	0	1	1	8	2	0	0
3159	3102	0	0	1	0	0	0	0	0	0
3159	3302	0	0	1	0	0	0	0	0	0
3164	0	0	0	2	1	3	0	0	0	0
3164	202	0	0	0	0	1	0	0	0	0
4118	201	0	0	1	0	0	0	0	0	0
4120	100	0	1	0	0	1	0	0	0	0
4200	0	0	0	0	0	0	1	3	0	0
4206	0	0	0	0	0	0	0	0	0	1
4207	100	0	0	0	0	5	3	0	0	0
4207	102	0	0	0	0	1	1	3	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
4212	0	0	0	0	0	1	0	0	0	0
4602	100	0	0	1	1	0	1	0	0	0
4602	105	0	0	4	1	1	0	0	0	0
4602	301	0	0	0	0	1	2	0	0	0
4602	401	0	0	0	0	0	0	1	0	0
5201	0	0	1	0	0	0	0	0	0	0
5402	500	0	1	1	0	0	0	0	0	0
5402	1001	0	0	2	0	0	0	0	0	0
5418	0	0	2	0	0	0	0	0	0	0
5418	101	0	8	3	0	0	0	0	0	0
5418	2200	0	0	0	1	2	0	0	0	0
5429	0	6	3	0	0	0	0	0	0	0
5438	705	0	0	1	1	0	0	0	0	0
5453	100	0	0	1	0	0	0	0	0	0
5464	1	0	3	0	0	0	0	0	0	0
5464	200	4	0	0	0	0	0	0	0	0
5507	0	0	1	4	0	0	0	0	0	0
5507	700	0	0	0	1	0	0	0	0	0
5507	800	0	0	1	0	0	0	0	0	0
5507	8000	0	4	0	0	0	0	0	0	0
5509	100	0	0	1	0	0	0	0	0	0
5514	201	0	0	0	0	0	0	1	0	0
5518	101	0	0	1	0	0	0	0	0	0
5518	201	0	1	0	0	0	0	0	0	0
5519	0	0	0	1	1	0	0	0	0	0
5525	102	0	0	0	2	2	0	0	0	0
5534	8000	4	3	3	0	0	0	0	0	0
5553	100	0	1	0	0	0	0	0	0	0
5553	101	1	1	0	0	0	0	1	0	0
5558	2	0	0	0	0	2	6	5	0	0
5558	4	0	0	0	0	0	0	3	1	0
5560	0	3	0	1	0	0	0	0	0	0
5560	1	0	1	0	0	0	0	0	0	0
5560	4	1	0	0	0	0	0	0	0	0
5560	8	2	1	1	0	0	0	0	0	0
5560	9	0	1	0	0	0	0	0	0	0
5560	802	2	1	0	0	0	0	0	0	0
5560	1301	0	0	0	0	0	0	1	0	0
5560	5201	38	41	4	0	1	0	0	0	0
5560	5301	0	1	0	0	0	0	0	0	0
5565	101	4	0	1	0	0	0	0	0	0
5571	101	0	2	3	0	0	0	0	0	0
5572	0	0	1	0	0	0	0	0	0	0
5572	301	0	0	0	1	0	0	0	0	0
5572	401	0	0	1	0	0	0	0	0	0
5572	601	0	0	0	1	0	0	0	0	0
5573	0	0	0	1	0	0	0	0	0	0
5573	301	0	0	2	3	0	0	0	0	0
5574	501	0	1	0	0	0	0	0	0	0
5708	0	0	0	2	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5708	400	0	1	0	0	0	1	0	0	0
5708	501	1	0	0	0	0	0	0	0	0
5708	802	0	0	0	0	0	0	2	0	0
9999	0	16	20	10	23	18	7	2	1	3

TABLE 38. TC8505, replicate 1; Station W15D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2203	0	0	0	0	1	0	0	0	0	0
2214	101	0	0	0	0	1	0	0	0	0
3125	300	0	0	2	8	14	0	1	0	0
3125	301	0	0	0	0	0	0	5	0	0
3125	302	0	25	31	16	4	0	3	0	0
3125	800	0	0	0	0	0	1	0	0	0
3126	101	0	0	0	0	0	4	19	2	2
3126	102	0	0	0	0	0	13	2	0	0
3126	200	1	4	1	1	0	0	0	0	0
3126	1101	0	6	0	0	0	0	0	0	0
3126	1201	0	0	0	0	0	0	0	0	2
3127	0	0	0	0	0	0	0	0	0	1
3127	100	0	0	0	0	0	0	1	8	0
3127	1001	0	0	0	0	0	0	0	1	3
3128	0	0	7	2	0	1	0	0	0	0
3131	0	0	3	1	1	0	0	0	0	0
3132	0	0	0	0	3	0	0	0	0	0
3132	100	0	0	1	0	0	0	0	0	0
3132	200	0	3	1	0	0	0	0	0	0
3133	0	0	0	0	1	0	0	0	0	0
3134	101	0	0	0	0	0	1	0	0	0
3147	0	0	0	6	1	0	0	0	0	0
3147	101	0	0	8	0	0	0	0	0	0
3147	200	0	0	0	1	0	0	0	0	0
3147	300	0	0	0	0	1	0	0	0	0
3149	100	0	2	0	0	0	0	0	0	0
3151	100	0	0	0	0	0	3	4	0	0
3151	101	0	0	0	0	0	1	0	0	0
3151	103	0	0	0	0	0	0	2	0	0
3152	0	0	0	0	2	2	0	0	0	0
3152	4	0	0	0	4	6	0	0	0	0
3152	301	0	1	1	0	0	0	0	0	0
3152	302	0	0	0	1	0	0	0	0	0
3152	400	0	0	0	1	0	0	0	0	0
3152	700	0	0	1	1	0	0	0	0	0
3152	701	0	0	4	3	0	0	0	0	0
3152	703	0	0	1	2	0	0	0	0	0
3153	101	0	0	0	0	0	1	1	0	0
3153	102	0	1	1	0	0	0	0	0	0
3153	201	0	2	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	0	0	12	2	1	3	0	0	0	0
3159	101	0	0	0	0	1	0	0	0	0
3159	104	0	0	0	0	0	4	4	4	0
3159	201	0	14	0	0	0	0	0	0	0
3159	204	0	0	1	0	0	0	0	0	0
3159	302	0	0	0	0	1	0	0	0	0
3159	401	0	60	5	1	0	0	0	0	0
3159	500	0	16	8	5	8	4	0	0	0
3159	1304	0	2	16	5	1	0	1	0	0
3159	1305	0	0	1	1	3	1	0	0	0
3159	1407	0	5	0	0	0	0	0	0	0
3159	1600	0	4	3	3	1	0	0	0	0
3159	1614	0	17	17	1	0	0	0	0	0
3159	1691	0	0	2	1	0	0	0	0	0
3159	1692	0	0	1	0	0	0	0	0	0
3159	1802	0	0	0	1	2	0	0	0	0
3159	2100	0	0	0	0	0	2	0	0	0
3159	2104	0	0	0	0	1	1	0	0	0
3159	2105	0	0	0	1	1	0	0	0	0
3159	2107	0	0	1	8	5	0	0	0	0
3159	3003	0	0	0	0	4	14	2	0	0
3159	3102	4	0	0	0	0	0	0	0	0
3164	0	0	2	0	0	2	0	0	0	0
3164	101	0	0	1	0	0	0	0	0	0
4107	0	0	0	0	0	0	1	0	0	0
4120	100	0	1	0	0	0	0	0	0	0
4124	0	0	0	0	0	0	1	1	0	0
4207	100	0	0	0	0	4	4	0	0	0
4207	102	0	0	0	2	1	3	0	0	0
4207	103	0	0	0	1	0	0	0	0	0
4401	5401	4	0	0	0	0	0	0	0	0
4602	100	0	0	0	2	0	0	0	2	0
4602	105	0	0	0	1	0	0	0	0	0
4602	301	0	0	0	0	0	0	1	0	0
4702	100	0	0	0	0	0	0	0	0	1
5201	0	0	0	1	2	0	0	0	0	0
5402	1001	0	2	0	2	0	0	0	0	0
5418	0	0	0	1	0	0	0	0	0	0
5418	1	0	4	1	1	1	0	0	0	0
5418	101	0	0	0	0	1	0	0	0	0
5418	2000	0	0	0	1	0	0	0	0	0
5418	2200	0	1	2	1	0	0	0	0	0
5423	101	0	0	0	2	0	0	0	0	0
5429	0	0	1	1	0	0	0	0	0	0
5438	705	0	0	0	0	1	0	0	0	0
5447	0	1	0	0	0	0	0	0	0	0
5464	0	0	1	0	0	0	0	0	0	0
5464	1	0	1	0	0	0	0	0	0	0
5466	0	0	0	0	1	0	0	0	0	0
5507	0	0	0	25	7	1	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5507	201	0	0	0	1	0	0	0	0	0
5507	700	0	0	18	8	0	0	0	0	0
5507	800	0	1	0	4	1	0	0	0	0
5507	1400	0	1	25	7	0	0	0	0	0
5507	8000	0	0	0	0	1	0	0	0	0
5507	9000	0	0	0	3	0	0	0	1	0
5509	391	0	0	7	0	0	0	0	0	0
5509	392	0	0	14	0	0	0	0	0	0
5513	3	0	1	1	0	0	0	0	0	0
5518	101	0	0	0	1	0	0	0	0	0
5525	102	0	0	0	7	2	0	0	0	0
5534	8000	0	2	0	0	0	0	0	0	0
5553	101	0	0	2	0	0	0	0	0	0
5553	102	0	0	0	1	0	0	0	0	0
5558	2	0	0	0	0	2	1	1	0	0
5558	8	0	1	0	0	0	0	0	0	0
5560	0	0	1	4	1	0	0	0	0	0
5560	7	0	0	1	0	0	0	0	0	0
5560	292	0	0	0	2	0	0	0	0	0
5560	5201	1	3	0	1	0	0	0	0	0
5565	101	0	4	0	0	0	0	0	0	0
5569	0	0	2	0	1	0	0	0	0	0
5571	101	0	10	8	2	0	0	0	0	0
5572	401	0	23	0	0	0	0	0	0	0
5572	601	0	0	0	3	0	0	0	0	0
5572	701	0	0	1	0	0	0	0	0	0
5573	0	0	0	0	0	0	0	0	1	0
5573	301	0	0	0	2	0	0	0	0	0
5574	300	0	1	0	0	0	0	0	0	0
5580	200	0	0	1	3	0	0	0	0	0
5580	202	0	0	2	0	0	0	0	0	0
5708	0	0	8	12	7	0	0	0	0	0
5708	800	0	0	24	8	0	0	0	0	0
5708	802	0	0	0	0	1	0	0	0	0
5806	0	0	0	1	0	0	0	0	0	0
5806	1	0	0	0	1	1	0	0	0	0
9999	0	3	5	3	19	8	21	6	3	0

TABLE 39. TC8505, replicate 1; Station W15N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	0	0	1	0	0	0
2211	0	0	1	0	0	0	0	0	0	0
2212	0	0	0	0	0	1	0	0	0	0
3115	300	0	0	0	0	0	0	3	0	0
3125	300	0	0	8	2	2	1	0	0	0
3125	301	0	0	0	0	0	1	3	1	0
3125	302	0	42	78	16	1	0	1	0	1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	800	0	0	0	0	0	1	0	0	0
3125	900	0	0	0	0	0	1	0	0	0
3126	101	0	0	0	0	8	50	11	0	5
3126	102	0	0	0	0	1	29	2	0	0
3126	200	0	2	1	0	0	0	0	0	0
3126	1101	0	1	0	0	0	0	0	0	0
3126	1201	0	0	0	0	0	0	0	1	1
3127	100	0	0	0	0	0	0	4	9	1
3127	1001	0	0	0	0	0	0	0	11	2
3128	0	0	1	2	0	3	0	0	0	0
3132	100	0	0	1	0	0	0	0	0	0
3132	200	0	1	0	0	0	0	0	0	0
3132	800	0	0	3	0	0	0	0	0	0
3134	101	0	0	0	0	0	3	2	0	0
3147	101	0	3	2	0	0	0	0	0	0
3151	100	0	0	0	0	0	10	2	3	0
3151	101	0	0	0	0	0	1	0	1	0
3152	0	0	0	8	12	16	0	0	0	0
3152	201	0	0	1	0	0	0	0	0	0
3152	301	0	0	5	0	0	0	0	0	0
3152	302	0	0	1	0	0	0	0	0	0
3152	400	0	0	0	0	3	0	0	0	0
3152	401	0	0	0	1	1	0	0	0	0
3152	402	0	0	0	0	0	1	0	0	0
3152	700	0	3	0	0	1	0	0	0	0
3152	701	0	5	3	0	0	0	0	0	0
3152	703	0	1	0	0	0	0	0	0	0
3152	901	0	0	0	0	0	0	6	2	0
3153	100	0	0	0	0	0	1	0	0	0
3153	102	0	2	0	0	0	0	0	0	0
3153	201	0	2	0	0	0	0	0	0	0
3159	0	0	5	4	5	1	1	0	0	0
3159	101	0	0	0	0	1	0	0	0	0
3159	104	0	0	0	0	0	1	5	1	0
3159	201	0	1	0	0	0	0	0	0	0
3159	301	0	0	0	0	1	0	0	0	0
3159	401	0	33	7	2	0	2	0	0	0
3159	500	0	13	10	17	19	3	0	0	0
3159	1304	0	0	15	18	34	14	3	0	0
3159	1305	0	0	2	8	16	5	0	0	0
3159	1407	0	1	2	0	0	0	1	0	0
3159	1600	0	4	7	0	0	0	0	0	0
3159	1614	0	5	4	0	0	0	0	0	0
3159	1691	0	1	2	0	4	2	0	0	0
3159	1692	0	1	2	0	0	0	0	0	0
3159	1802	0	0	0	2	5	2	0	0	0
3159	2100	0	0	0	4	3	0	0	0	0
3159	2104	0	0	0	1	3	2	0	0	0
3159	2105	0	0	1	0	1	2	0	0	0
3159	2107	0	0	9	4	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	2402	0	0	0	0	1	0	0	0	0
3159	3003	0	0	3	9	16	14	1	0	0
3164	0	0	0	2	1	4	0	0	0	0
3164	202	0	0	0	3	1	0	0	0	0
4120	100	0	1	0	0	0	0	0	0	0
4200	0	0	0	0	0	1	0	0	0	0
4207	102	0	0	1	0	4	4	1	0	0
4207	103	0	0	0	1	2	0	2	0	0
4211	101	0	0	0	0	1	0	0	0	0
4602	100	0	1	1	3	1	0	0	2	0
4602	105	0	0	5	5	0	0	0	0	0
4602	301	0	0	0	0	0	1	0	0	0
4702	100	0	0	0	0	0	0	0	5	1
5201	0	0	0	1	1	0	0	0	0	0
5402	1001	0	0	0	1	1	2	0	0	0
5418	101	0	0	1	0	0	0	0	0	0
5418	2000	0	0	0	3	0	0	0	0	0
5418	2200	0	0	0	1	1	0	0	0	0
5434	0	0	0	3	0	0	0	0	0	0
5438	100	0	0	0	1	1	0	0	0	0
5466	0	0	0	1	1	0	0	0	0	0
5507	0	0	1	9	1	4	0	0	0	0
5507	700	0	1	2	1	1	0	0	0	0
5507	800	0	0	0	1	0	0	0	0	0
5507	1400	0	18	11	2	0	0	0	0	0
5507	8000	0	1	0	0	0	0	0	0	0
5509	0	0	1	3	0	0	0	0	0	0
5509	100	0	0	1	0	0	0	0	0	0
5513	1	0	0	1	0	2	0	0	0	0
5514	201	0	0	0	0	0	1	0	0	0
5525	102	0	0	2	2	3	0	0	0	0
5558	2	0	0	0	0	9	1	2	2	0
5558	4	0	0	0	1	0	0	0	0	0
5560	0	0	1	0	3	0	0	0	0	0
5560	1	0	0	0	1	0	0	0	0	0
5560	291	0	0	0	0	2	0	0	0	0
5560	292	0	0	1	4	5	0	0	0	0
5560	5201	0	2	3	0	0	0	0	0	0
5571	101	0	1	4	0	0	0	0	0	0
5572	401	0	2	0	0	0	0	0	0	0
5572	601	0	0	0	1	1	0	0	0	0
5573	301	0	0	3	3	5	1	0	0	0
5580	202	0	1	1	0	0	0	0	0	0
5708	0	0	1	1	0	0	0	0	0	0
5708	800	0	0	8	6	1	0	0	0	0
5708	802	0	0	1	1	1	2	0	0	0
5806	1	0	0	0	1	0	0	0	0	0
9999	0	0	3	7	22	25	10	9	9	2

TABLE 40. TC8602, replicate 1; Station L1D1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2500	0	0	0	0	1	0	0	0	0
3125	300	0	0	0	0	0	0	0	2
3125	302	0	0	0	0	0	2	9	5
3126	200	0	17	83	64	64	10	8	2
3126	1101	0	1	0	0	0	0	0	0
3147	0	0	0	0	0	5	0	0	0
3147	101	0	0	0	0	1	3	3	1
3152	701	0	0	0	0	0	0	0	1
3159	0	0	2	8	5	4	0	2	5
3159	101	0	0	0	0	0	0	3	1
3159	201	0	37	0	0	0	0	0	0
3159	401	0	42	98	23	11	4	7	0
3159	500	0	3	22	17	22	8	4	4
3159	1304	0	0	0	0	0	2	2	2
3159	1305	0	0	0	0	0	1	2	1
3159	1407	0	11	0	0	1	0	0	0
3159	1600	0	0	0	0	0	0	0	6
3159	1614	0	0	1	2	1	3	0	0
3159	1802	0	0	0	0	0	0	0	5
3159	2107	0	0	0	0	0	0	2	0
3159	2402	0	0	0	0	0	0	1	0
3159	3302	0	6	15	11	12	7	0	0
4207	100	0	0	0	0	1	0	0	0
4401	5401	2	0	0	0	0	0	0	0
4912	403	0	0	1	0	0	0	0	0
5201	0	0	0	0	1	0	0	0	0
5402	500	0	0	3	1	8	3	0	0
5417	0	0	0	2	2	0	0	0	0
5418	1	0	0	0	2	9	2	4	2
5418	101	0	8	1	0	0	0	1	1
5429	0	5	12	20	26	13	2	2	0
5429	400	1	3	2	0	0	0	0	0
5429	601	0	1	0	0	0	0	0	0
5429	607	0	3	7	4	0	0	0	0
5438	700	0	0	0	1	0	0	0	0
5457	791	0	1	0	0	0	0	0	0
5458	0	0	0	0	0	0	1	0	0
5464	0	0	1	0	0	0	0	0	0
5464	200	0	5	0	0	0	0	0	0
5507	0	0	0	0	0	1	0	0	0
5509	392	0	0	0	0	0	2	0	0
5518	101	0	1	0	0	0	0	0	0
5518	201	0	3	5	6	8	5	4	1
5534	8000	1	24	5	0	4	0	0	0
5541	301	0	1	4	1	0	0	1	0
5553	100	0	0	0	1	24	6	5	1
5553	101	0	0	0	5	39	4	10	4
5553	102	0	1	5	32	198	37	79	9

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5555	0	0	0	1	0	0	0	0	0
5558	1	0	1	0	0	0	0	0	0
5558	4	0	0	1	0	1	0	1	2
5560	0	0	0	0	0	2	2	2	0
5560	4	0	0	0	0	0	2	3	0
5560	8	0	0	2	8	35	8	8	0
5560	9	0	0	0	3	7	4	13	1
5560	802	0	0	0	2	6	9	18	4
5560	5201	0	2	10	32	431	142	219	54
5560	5301	0	0	0	2	22	29	53	31
5560	5500	0	0	0	0	0	1	0	0
5565	101	0	1	0	0	0	0	0	0
5569	0	0	0	1	2	2	0	0	0
5572	401	0	3	1	0	0	0	0	0
5574	0	0	2	0	0	0	0	0	0
5574	300	0	8	7	3	3	1	0	0
5580	202	0	0	0	0	0	1	0	0
5700	0	0	0	0	0	1	0	0	0
5708	0	0	0	2	0	2	2	0	1
5802	5000	4	50	22	14	10	2	2	6
5806	2	0	0	2	0	3	3	2	3
9999	0	23	86	62	45	63	23	23	10

TABLE 41. TC8602, replicate 1; Station L1N1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2500	0	0	0	1	0	0	0	0	0
2506	0	0	0	0	1	0	0	0	0
2506	101	0	0	0	0	1	1	2	1
2507	100	1	0	0	0	0	0	0	0
2507	102	0	0	1	0	0	0	0	0
3125	300	1	7	4	2	2	0	4	0
3125	302	11	19	20	18	18	10	18	7
3125	900	0	0	0	0	0	0	0	1
3126	200	59	93	56	45	44	14	15	4
3147	101	8	6	10	5	2	0	0	0
3149	100	0	0	0	1	0	0	0	0
3152	0	0	3	0	0	1	0	0	0
3152	201	1	0	0	0	1	0	0	0
3152	700	0	0	0	2	0	1	0	0
3152	701	0	0	1	1	0	0	0	0
3152	803	0	0	0	0	1	0	0	0
3153	102	0	0	0	0	1	0	0	0
3159	0	2	2	4	6	4	9	4	1
3159	101	0	1	1	4	4	4	7	33
3159	104	0	0	0	0	1	0	0	2
3159	201	0	4	0	1	4	0	0	0
3159	401	8	62	24	29	37	13	3	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	500	26	35	21	20	16	11	4	0
3159	1304	4	6	9	5	6	5	3	1
3159	1305	1	1	3	0	1	2	4	3
3159	1407	3	0	0	0	0	0	0	0
3159	1600	8	0	2	2	9	0	1	2
3159	1614	0	3	2	4	2	4	0	0
3159	1691	0	0	0	0	0	3	0	0
3159	1802	0	0	0	0	0	0	2	4
3159	2107	0	0	1	0	0	0	3	0
3159	2108	0	0	1	0	0	0	0	0
3159	2301	0	0	0	0	0	0	0	11
3159	2400	0	0	0	0	1	0	0	0
3159	2402	0	0	0	0	0	1	0	2
3159	3003	0	1	0	0	0	2	5	7
3159	3302	6	23	8	3	2	0	1	0
3164	101	1	0	0	0	0	0	0	0
4200	0	0	0	0	0	0	0	0	2
4207	103	0	0	0	0	0	0	0	1
4602	105	0	1	0	0	0	0	0	0
5201	0	4	1	0	0	0	1	0	0
5311	101	1	0	0	0	0	0	0	0
5402	500	10	6	5	5	0	1	0	0
5402	1001	0	0	0	0	1	0	0	0
5417	0	0	1	0	0	0	0	0	0
5418	1	8	7	8	5	4	0	0	0
5418	101	1	2	2	1	0	0	0	0
5418	2200	0	1	0	0	0	0	0	0
5429	0	10	21	10	8	3	0	0	0
5429	601	2	3	4	3	0	0	0	0
5429	607	14	13	9	8	2	1	0	0
5438	600	1	0	0	0	0	0	0	0
5464	0	0	1	0	0	0	0	0	0
5464	200	0	0	1	0	0	0	0	0
5466	0	0	0	0	1	1	0	0	0
5507	0	0	0	2	0	0	0	0	0
5507	700	0	0	0	0	0	1	0	0
5507	800	0	0	0	0	0	0	1	0
5509	0	2	0	0	0	0	0	0	0
5509	392	1	3	2	2	4	0	0	0
5513	1	0	0	0	0	0	0	0	1
5514	201	0	2	2	0	0	2	0	1
5518	101	0	1	1	1	0	0	0	0
5518	201	4	8	8	7	1	0	0	0
5519	0	0	0	1	2	0	0	0	0
5534	601	2	0	0	0	0	0	0	0
5534	8000	0	5	0	0	0	0	0	0
5541	301	0	0	2	2	7	4	4	2
5553	100	16	5	5	9	7	1	1	0
5553	101	25	11	24	17	13	2	2	1
5553	102	72	39	52	52	36	13	9	1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5555	0	4	6	1	1	1	0	0	0
5558	2	0	0	1	0	1	0	0	1
5558	4	1	2	0	1	0	0	0	0
5560	0	11	1	3	2	4	0	1	0
5560	1	0	0	0	0	1	0	0	0
5560	4	0	2	3	2	1	5	0	1
5560	8	31	26	60	54	62	7	13	0
5560	9	0	4	6	9	20	4	0	0
5560	10	0	0	0	0	1	0	0	0
5560	291	0	0	0	0	0	4	0	0
5560	292	0	0	0	0	0	0	0	1
5560	802	22	19	21	18	17	9	6	1
5560	1301	0	0	0	0	1	2	1	0
5560	1701	0	0	0	0	0	0	0	1
5560	5201	222	145	297	301	479	311	163	23
5560	5301	12	13	8	12	14	9	5	0
5565	101	0	0	0	2	0	0	0	0
5569	0	6	0	6	2	1	0	0	0
5569	2	1	0	0	0	0	0	0	0
5572	701	1	0	0	0	0	0	0	0
5574	300	2	8	3	3	0	0	0	0
5580	201	0	0	1	0	0	0	0	0
5580	501	0	0	0	0	1	0	0	0
5708	0	4	7	8	3	1	1	0	0
5802	5000	22	30	37	13	3	3	5	0
5806	2	14	31	52	21	18	14	11	1
9999	0	203	89	118	64	82	9	37	15

TABLE 42. TC8602, replicate 1; Station L5D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	1	0	0	1	0	0
2506	101	0	0	0	2	1	0	0	0	0
3125	300	0	0	0	0	0	4	0	0	0
3125	302	0	2	4	5	3	9	11	0	0
3126	101	0	0	0	0	0	0	0	1	0
3126	102	0	0	0	0	0	0	0	3	0
3126	200	0	72	16	1	5	0	0	0	0
3127	100	0	0	0	0	0	0	0	0	4
3127	1001	0	0	0	0	0	0	0	0	1
3129	101	0	0	0	0	0	0	1	0	0
3147	0	0	0	0	5	1	0	0	0	0
3147	101	0	0	2	14	1	0	0	0	0
3147	300	0	0	0	1	0	0	0	0	0
3152	301	0	0	0	0	2	0	0	0	0
3152	304	0	0	0	0	0	1	0	0	0
3159	0	0	4	3	4	4	5	7	2	0
3159	101	0	0	1	2	7	3	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	104	0	0	0	0	0	0	3	8	0
3159	201	0	13	0	0	0	0	0	0	0
3159	401	0	72	12	1	0	0	0	0	0
3159	500	1	24	25	15	10	6	6	0	0
3159	1304	0	0	1	3	4	1	0	0	0
3159	1305	0	0	0	0	0	0	7	2	0
3159	1407	0	3	1	0	0	0	0	0	0
3159	1600	0	0	0	4	1	3	1	0	1
3159	1614	0	1	1	1	2	0	0	0	0
3159	1691	0	0	0	4	3	1	0	0	0
3159	1802	0	0	0	0	0	0	2	1	1
3159	1903	0	0	0	0	0	0	0	1	0
3159	2104	0	0	0	0	0	0	0	2	0
3159	2105	0	0	0	0	0	5	0	0	0
3159	2107	0	1	0	0	0	0	0	0	0
3159	2108	0	0	0	0	0	0	1	0	0
3159	2109	0	0	0	0	0	0	1	0	0
3159	2400	0	1	18	0	7	7	2	0	0
3159	3003	0	0	0	0	0	1	3	0	0
3159	3302	0	11	3	7	6	0	0	0	0
4207	100	0	0	0	0	0	0	3	4	0
4207	102	0	0	0	0	0	0	0	2	0
4401	4903	3	0	0	0	0	0	0	0	0
4401	5310	4	0	0	0	0	0	0	0	0
4417	101	1	0	0	0	0	0	0	0	0
4602	402	0	0	0	0	0	0	0	1	0
4618	0	0	1	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1
4912	403	0	0	0	1	1	0	0	0	0
5201	0	0	4	0	1	1	0	0	0	0
5311	101	1	0	0	0	0	0	0	0	0
5402	301	0	0	0	1	0	0	0	0	0
5402	500	0	1	0	12	9	2	0	0	0
5414	101	9	0	0	0	0	0	0	0	0
5417	0	1	0	0	1	1	0	0	0	0
5418	0	0	4	0	0	0	0	0	0	0
5418	1	0	1	0	10	1	0	0	0	0
5418	101	0	2	1	1	1	0	0	0	0
5418	2000	0	0	0	0	0	0	1	0	0
5429	0	4	47	6	1	0	0	0	0	0
5429	400	2	0	0	0	0	0	0	0	0
5429	600	0	0	0	0	1	0	0	0	0
5429	601	0	0	0	3	0	0	0	0	0
5429	607	0	0	3	59	6	4	0	0	0
5430	100	1	0	0	0	0	0	0	0	0
5447	0	3	0	0	0	0	0	0	0	0
5458	0	0	0	0	1	0	0	0	0	0
5464	0	0	5	0	0	0	0	0	0	0
5464	200	0	1	0	0	0	0	0	0	0
5466	0	0	1	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5507	0	0	2	3	0	0	1	0	0	0
5507	800	0	0	1	4	0	3	0	0	0
5509	392	0	0	1	4	0	0	0	0	0
5513	1	0	0	0	0	0	0	4	1	0
5514	201	0	2	1	0	1	3	2	0	0
5518	101	0	1	0	1	1	0	0	0	0
5518	201	0	7	1	24	10	2	0	0	0
5519	0	0	0	0	5	0	0	0	0	0
5525	102	0	0	0	0	0	0	1	0	0
5534	101	0	1	1	0	0	0	0	0	0
5534	601	12	1	0	0	0	0	0	0	0
5534	8000	0	11	0	0	0	0	0	0	0
5541	301	0	2	0	0	2	0	0	0	0
5553	100	0	0	0	6	0	0	0	0	0
5553	101	0	0	1	10	5	0	0	0	0
5553	102	0	0	0	82	18	0	0	0	0
5555	0	0	2	0	0	0	1	0	0	0
5558	3	0	0	0	2	0	3	0	0	0
5558	4	0	0	1	10	2	4	1	0	0
5558	6	0	0	0	0	2	0	0	0	0
5558	101	1	0	0	0	0	0	0	0	0
5560	0	0	0	1	5	0	0	0	0	0
5560	8	0	2	0	9	8	0	0	0	0
5560	9	0	0	0	9	13	2	1	0	0
5560	802	0	0	1	21	9	0	0	0	0
5560	5201	0	3	3	281	98	2	1	0	0
5560	5301	0	0	0	33	3	0	0	0	0
5560	5500	0	0	0	0	1	0	0	0	0
5569	0	0	0	0	8	1	0	0	0	0
5569	2	0	0	1	0	1	0	0	0	0
5571	101	0	0	0	1	0	0	0	0	0
5572	601	0	0	0	0	0	0	1	0	0
5573	301	0	0	0	0	0	0	1	1	0
5574	300	0	11	3	7	1	0	0	0	0
5577	201	0	1	0	0	0	0	0	0	0
5580	200	0	0	0	0	1	0	0	0	0
5580	201	0	0	0	0	0	1	0	0	0
5580	202	0	1	3	0	1	0	0	0	0
5708	0	0	1	0	3	2	0	0	0	0
5802	5000	7	20	2	8	0	3	2	0	0
5806	2	0	1	0	0	0	2	1	0	0
9999	0	23	60	30	28	16	4	1	11	1

TABLE 43. TC8602, replicate 1; Station L5N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2506	101	2	0	0	1	0	0	0	0	0
2507	100	0	0	3	0	0	0	0	0	0
3125	300	0	0	0	36	10	0	0	0	0
3125	301	0	0	0	0	0	0	2	1	0
3125	302	1	5	5	52	20	7	0	0	0
3125	900	0	0	0	0	2	0	2	0	0
3126	101	0	0	0	1	3	18	6	0	0
3126	102	0	0	0	1	1	9	2	0	0
3126	103	0	0	0	0	0	0	0	1	0
3126	200	33	70	74	4	1	0	0	0	0
3126	1101	1	0	0	0	0	0	0	0	0
3127	0	0	0	0	0	0	0	0	1	2
3127	100	0	0	0	0	0	0	0	2	3
3127	400	0	0	0	0	0	0	0	2	0
3127	1001	0	0	0	0	0	0	0	2	0
3128	0	0	0	0	0	2	0	6	0	0
3129	101	0	0	0	0	1	0	1	1	0
3134	101	0	0	0	0	0	0	0	1	0
3147	101	8	0	3	1	0	0	0	0	0
3149	100	3	3	4	0	0	0	0	0	0
3151	100	0	0	0	0	0	2	2	1	0
3151	103	0	0	0	0	0	0	2	0	0
3152	0	0	0	0	4	0	0	0	0	0
3152	400	0	0	0	0	1	0	0	0	0
3152	491	0	0	0	0	0	1	0	0	0
3152	901	0	0	0	0	0	0	2	0	0
3153	102	0	0	1	0	0	0	0	0	0
3159	0	20	0	3	11	5	0	3	0	0
3159	101	0	1	5	5	1	3	3	0	0
3159	104	0	0	0	2	16	25	19	5	0
3159	201	4	24	19	0	0	0	0	0	0
3159	401	40	69	100	4	0	1	0	0	0
3159	500	12	12	10	16	8	0	0	0	0
3159	601	0	0	0	0	1	0	2	0	0
3159	1304	1	0	2	10	0	0	1	0	1
3159	1305	0	1	1	6	5	3	0	0	0
3159	1407	1	4	2	0	0	0	0	0	0
3159	1600	0	0	0	7	0	0	0	0	0
3159	1614	0	1	1	3	0	1	0	0	0
3159	1691	3	0	0	7	0	0	0	0	0
3159	1802	0	2	0	19	5	4	0	0	0
3159	1903	0	0	0	0	0	0	1	0	0
3159	2105	0	0	1	0	0	0	0	0	0
3159	2107	0	1	1	0	0	0	0	0	0
3159	2301	0	0	0	0	7	7	0	0	0
3159	2400	1	0	0	3	0	0	0	0	0
3159	2402	0	0	0	0	1	0	0	0	0
3159	3003	0	0	1	6	4	3	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	3302	5	9	5	1	0	0	0	0	0
4200	0	0	0	0	1	0	5	0	1	0
4207	100	0	0	0	0	1	0	0	1	0
4207	102	0	0	0	1	5	3	1	0	0
4207	103	0	0	0	0	1	8	0	0	0
4602	100	0	2	0	5	1	0	0	0	0
4602	201	0	0	0	0	0	4	4	0	0
4602	301	0	0	0	0	0	2	0	0	0
4602	402	0	0	0	0	0	0	0	1	0
5201	0	0	0	1	0	0	0	0	0	0
5311	101	0	2	0	0	0	0	0	0	0
5402	500	0	2	2	4	0	0	0	0	0
5418	1	0	1	2	0	0	0	0	0	0
5418	101	22	11	10	1	0	0	0	0	0
5429	0	32	33	19	0	0	0	0	0	0
5429	607	0	14	6	5	0	0	0	0	0
5430	100	0	1	0	0	0	0	0	0	0
5438	100	0	0	0	1	0	0	0	0	0
5457	0	0	1	0	0	0	0	0	0	0
5457	791	4	0	3	0	0	0	0	0	0
5458	0	1	0	0	0	0	0	0	0	0
5464	0	5	1	0	0	0	0	0	0	0
5464	1	3	1	3	0	0	0	0	0	0
5464	200	0	10	7	0	0	0	0	0	0
5503	0	1	0	0	0	0	0	0	0	0
5507	0	0	0	0	2	0	0	0	0	0
5507	800	0	0	0	1	0	0	0	0	0
5509	391	0	0	0	0	1	0	0	0	0
5513	1	0	0	0	1	1	1	0	0	0
5514	201	0	0	0	1	1	0	0	0	0
5518	101	0	1	3	0	0	0	0	0	0
5518	201	0	10	3	0	0	0	0	0	0
5519	0	2	0	0	0	0	0	0	0	0
5534	601	0	0	2	0	0	0	0	0	0
5534	8000	8	10	5	1	0	0	0	0	0
5541	301	0	0	2	7	0	2	0	0	0
5553	100	0	2	1	1	2	0	0	0	0
5553	101	0	2	1	2	0	0	0	0	0
5553	102	1	20	7	7	3	1	0	0	0
5555	0	2	1	0	0	0	0	0	0	0
5558	0	0	0	0	1	0	0	0	0	0
5558	1	0	0	0	0	1	0	0	0	0
5558	4	0	0	1	1	0	0	0	0	0
5558	6	0	0	0	1	0	0	0	0	0
5560	0	0	0	0	0	1	0	0	0	0
5560	4	1	2	1	0	0	0	0	0	0
5560	8	0	12	9	0	0	0	0	0	0
5560	9	3	5	2	0	0	0	0	0	0
5560	802	3	3	2	0	1	0	0	0	0
5560	5201	13	66	73	19	2	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5560	5301	5	0	9	0	1	0	0	0	0
5565	101	1	0	0	0	0	0	0	0	0
5569	0	1	2	1	0	0	0	0	0	0
5571	101	0	0	0	0	1	0	0	0	0
5573	301	0	0	0	0	0	2	1	0	0
5574	300	6	11	5	0	0	0	0	0	0
5580	202	0	2	0	0	0	0	0	0	0
5580	506	0	0	0	0	1	0	0	0	0
5708	0	0	7	0	1	0	0	0	0	0
5802	5000	35	49	25	5	1	0	0	0	0
5806	2	0	1	0	2	0	0	0	0	0
9999	0	81	108	54	35	16	22	15	0	5

TABLE 44. TC8602, replicate 1; Station L15D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2203	100	0	0	0	0	0	0	0	0	1
3125	300	0	0	0	0	4	3	0	0	0
3125	302	0	2	2	1	4	0	0	0	0
3126	101	0	0	0	0	0	0	1	0	0
3126	102	0	0	0	0	0	1	1	0	0
3126	200	3	26	10	7	0	1	0	0	0
3127	100	0	0	0	0	0	0	4	2	0
3127	400	0	0	0	0	0	0	0	2	0
3127	1001	0	0	0	0	0	0	0	1	0
3128	0	0	1	0	0	0	0	0	0	0
3129	101	0	0	0	0	3	2	0	1	0
3132	100	0	0	0	1	0	0	0	0	0
3132	900	0	0	0	1	0	0	0	0	0
3147	0	0	0	3	4	0	0	0	0	0
3147	101	0	3	5	6	0	0	0	0	0
3151	100	0	0	0	0	0	1	0	0	0
3151	103	0	0	0	0	0	0	1	1	0
3151	201	0	0	0	0	0	1	0	0	0
3152	0	0	0	0	0	1	0	0	0	0
3152	100	0	0	1	0	0	0	0	0	0
3152	201	0	0	0	1	0	0	0	0	0
3152	803	0	0	0	1	0	0	0	0	0
3152	901	0	0	0	0	0	0	0	1	0
3154	102	0	0	0	0	1	0	0	0	0
3159	0	1	0	2	0	1	0	0	0	1
3159	101	0	0	0	1	2	6	0	0	0
3159	104	0	0	0	0	0	8	1	0	0
3159	204	0	14	0	0	0	0	0	0	0
3159	401	0	23	2	0	0	0	0	0	0
3159	500	0	7	4	5	3	0	0	0	0
3159	1304	0	0	2	4	3	0	0	0	0
3159	1305	0	0	0	0	3	1	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	1600	0	0	0	1	3	0	0	0	0
3159	1614	0	0	2	1	0	0	0	0	0
3159	1691	0	1	1	6	0	0	0	0	0
3159	1692	0	0	0	0	1	0	0	0	0
3159	1802	0	0	0	0	7	0	0	0	0
3159	2105	0	0	0	0	1	1	0	0	0
3159	2107	0	0	0	2	3	0	0	0	0
3159	2108	0	0	0	1	0	0	0	0	0
3159	2301	0	0	0	0	2	0	0	0	0
3159	2400	0	0	1	1	0	0	0	0	0
3159	2401	0	0	0	0	0	1	0	0	0
3159	2402	0	0	0	2	0	0	0	0	0
3159	3003	0	0	0	1	6	5	0	0	0
3159	3302	0	5	5	0	0	0	0	0	0
4120	100	0	1	0	0	0	0	0	0	0
4200	0	0	0	0	0	1	0	0	1	0
4207	100	0	0	0	0	0	1	0	0	0
4207	102	0	0	0	0	2	1	0	0	0
4602	100	0	0	0	0	1	0	0	0	0
4602	105	0	0	0	1	0	0	0	0	0
4602	201	0	0	0	0	0	0	2	0	0
4602	301	0	0	0	0	0	2	1	0	0
4602	402	0	0	0	0	0	3	0	0	0
4603	101	0	0	0	0	1	0	0	0	0
4907	102	0	0	0	1	0	0	0	0	0
5201	0	0	1	1	0	0	0	0	0	0
5201	1702	0	0	0	1	0	0	0	0	0
5402	500	0	2	1	1	0	0	0	0	0
5402	1001	0	0	0	1	0	0	0	0	0
5418	0	0	0	4	2	0	0	0	0	0
5418	101	1	0	0	0	0	0	0	0	0
5418	2200	0	0	0	0	1	0	0	0	0
5429	0	2	8	3	0	0	0	0	0	0
5429	400	0	2	0	0	0	0	0	0	0
5429	600	0	1	0	0	0	0	0	0	0
5434	0	0	0	1	0	0	0	0	0	0
5458	0	0	0	1	4	0	0	0	0	0
5464	0	0	1	1	0	0	0	0	0	0
5464	1	0	0	3	0	0	0	0	0	0
5464	200	0	2	0	0	0	0	0	0	0
5466	0	0	0	0	2	0	0	0	0	0
5507	0	0	0	2	9	0	0	0	0	0
5507	201	0	0	1	0	0	0	0	0	0
5507	1400	0	0	6	0	0	0	0	0	0
5509	100	0	0	0	1	0	0	0	0	0
5513	1	0	0	0	1	0	0	0	0	0
5514	201	0	0	1	1	2	0	0	0	0
5518	201	0	0	3	0	0	0	0	0	0
5534	601	1	0	0	0	0	0	0	0	0
5553	100	0	0	0	1	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5553	101	0	0	1	0	0	0	0	0	0
5555	0	0	0	2	0	0	0	0	0	0
5558	6	0	0	1	0	0	0	0	0	0
5560	4	0	0	0	1	0	0	0	0	0
5560	9	0	0	1	1	0	0	0	0	0
5560	11	0	0	2	0	0	0	0	0	0
5560	292	0	0	0	1	0	0	0	0	0
5560	5201	0	4	13	0	0	0	0	0	0
5560	5301	0	0	0	2	0	0	0	0	0
5569	0	0	1	1	1	0	0	0	0	0
5572	601	0	0	2	1	0	0	0	0	0
5573	301	0	1	0	0	4	0	0	0	0
5580	201	0	0	0	1	0	0	0	0	0
5580	202	1	1	1	0	0	0	0	0	0
5708	0	1	0	4	9	0	0	0	0	0
5708	800	0	0	2	1	0	0	0	0	0
5708	802	0	0	0	1	1	0	0	0	0
5802	5000	0	5	1	2	0	0	0	0	0
5806	2	0	0	1	21	0	0	0	0	0
9999	0	9	49	20	18	7	11	2	2	0

TABLE 45. TC8602, replicate 1; Station L15N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2212	301	0	0	0	0	0	0	1	0	0
2506	101	0	0	0	3	1	0	0	0	0
3116	101	0	0	0	0	0	0	0	1	0
3125	300	0	0	3	0	0	2	1	0	0
3125	301	0	0	0	0	0	1	5	0	0
3125	302	1	4	25	3	0	0	1	1	0
3125	900	0	0	0	0	1	1	1	0	0
3126	101	0	0	0	2	2	15	16	2	0
3126	102	0	0	0	0	1	6	1	0	0
3126	200	11	52	82	0	0	0	0	0	0
3126	1201	0	0	0	0	0	0	0	0	1
3127	100	0	0	0	0	0	0	0	2	12
3127	400	0	0	0	0	0	0	0	1	2
3128	0	1	0	2	2	0	1	0	0	0
3129	101	0	0	0	3	0	2	3	1	0
3132	0	0	1	0	0	0	0	0	0	0
3147	0	0	0	6	0	0	0	0	0	0
3147	101	1	0	17	0	0	0	0	0	0
3147	300	0	0	0	0	0	0	0	0	1
3149	100	0	2	0	0	0	0	0	0	0
3151	201	0	0	0	0	0	0	0	1	0
3152	4	0	0	0	1	0	0	0	0	0
3152	400	0	0	0	2	1	0	0	0	0
3152	701	0	0	2	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3152	901	0	0	0	0	0	0	0	5	0
3153	101	0	0	0	1	1	0	0	0	0
3154	102	0	0	0	0	0	1	0	0	0
3159	0	2	0	8	2	0	2	2	0	0
3159	101	0	0	0	14	1	2	0	0	0
3159	104	0	2	1	28	16	14	18	3	3
3159	201	0	5	26	0	0	0	0	0	0
3159	302	0	0	0	0	0	1	0	0	0
3159	401	2	12	147	0	1	0	0	0	0
3159	500	4	20	37	13	3	0	0	0	0
3159	601	0	0	0	0	0	0	2	1	0
3159	1304	1	0	3	26	4	1	0	0	0
3159	1305	0	0	4	17	6	3	0	0	0
3159	1404	0	0	1	0	0	0	0	0	0
3159	1407	1	0	6	0	0	0	0	0	0
3159	1600	0	0	0	2	0	0	0	0	0
3159	1614	0	1	4	0	0	0	0	0	0
3159	1681	0	0	0	1	1	0	0	0	0
3159	1682	0	0	0	3	1	0	0	0	0
3159	1690	0	0	1	1	0	0	0	0	0
3159	1691	0	0	2	0	0	0	0	0	0
3159	1692	0	0	1	0	0	0	0	0	0
3159	1802	0	1	0	27	4	4	1	0	0
3159	1903	0	0	0	0	0	0	1	0	0
3159	2103	0	0	0	1	0	0	0	0	0
3159	2104	0	0	0	2	1	1	0	0	0
3159	2105	0	0	0	2	0	0	0	0	0
3159	2108	0	0	0	0	0	1	0	0	0
3159	2301	0	0	0	5	9	5	0	0	0
3159	2402	0	0	0	0	0	0	1	0	0
3159	3003	0	0	5	4	2	0	2	0	0
3159	3102	0	0	0	1	0	0	0	0	0
3159	3302	1	8	11	1	0	0	0	0	0
4124	0	0	0	0	0	0	1	0	0	0
4200	0	0	0	0	0	5	2	0	0	0
4206	0	0	0	0	0	0	0	0	0	1
4207	102	0	0	0	2	4	5	1	0	0
4207	103	0	0	0	6	1	0	0	0	0
4401	4903	0	0	1	0	0	0	0	0	0
4602	100	0	0	0	0	0	2	1	0	0
4602	104	0	0	0	0	0	1	0	0	0
4602	201	0	0	0	0	0	15	44	0	0
4602	301	0	0	0	0	0	1	0	0	0
4602	401	0	0	0	0	0	0	3	0	0
4702	100	0	0	0	0	0	0	0	0	1
5201	0	0	1	2	0	0	0	0	0	0
5311	101	0	2	1	0	0	0	0	0	0
5402	500	0	0	5	0	0	0	0	0	0
5402	1001	0	0	1	0	0	0	0	0	0
5417	0	0	1	2	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5418	0	0	0	1	0	0	0	0	0	0
5418	1	0	2	5	0	0	0	0	0	0
5418	101	0	1	4	0	1	0	0	0	0
5418	2200	0	0	0	3	0	0	0	0	0
5428	100	0	1	0	0	0	0	0	0	0
5429	0	2	24	19	0	0	0	0	0	0
5429	400	0	0	3	0	0	0	0	0	0
5429	601	0	2	10	0	0	0	0	0	0
5429	607	0	6	18	0	0	0	0	0	0
5429	701	0	1	0	0	0	0	0	0	0
5464	0	0	0	1	0	0	0	0	0	0
5464	1	0	0	2	0	0	0	0	0	0
5464	200	0	0	1	0	0	0	0	0	0
5466	0	0	0	2	0	0	0	0	0	0
5507	0	3	0	3	0	0	0	0	0	0
5507	700	0	1	4	0	0	0	0	0	0
5507	8000	0	0	1	0	0	0	0	0	0
5507	9000	0	1	0	0	0	0	0	0	0
5509	100	0	1	0	0	0	0	0	0	0
5509	392	0	1	3	0	0	0	0	0	0
5513	1	0	0	0	2	4	0	0	0	0
5513	3	0	0	0	0	0	0	0	1	0
5514	201	0	0	6	0	0	0	0	0	0
5514	214	0	0	0	0	0	0	0	1	0
5518	201	1	8	8	0	2	0	0	0	0
5525	102	0	0	0	1	0	0	0	0	0
5534	601	0	2	0	0	0	0	0	0	0
5534	8000	0	2	14	1	0	0	0	0	0
5553	101	0	4	0	2	1	0	0	0	0
5553	102	0	7	1	0	0	0	0	0	0
5555	0	0	0	2	0	0	0	0	0	0
5558	2	0	0	0	1	0	0	0	0	0
5558	4	0	0	1	0	0	0	0	0	0
5558	6	0	0	0	1	1	0	0	0	0
5560	0	0	2	1	1	0	0	0	0	0
5560	1	0	0	1	0	0	0	0	0	0
5560	4	0	6	0	3	1	0	0	0	0
5560	802	0	4	2	0	0	0	0	0	0
5560	5201	1	75	17	1	2	0	0	0	0
5560	5301	0	0	0	2	1	0	0	0	0
5565	101	0	0	2	0	0	0	0	0	0
5569	0	0	0	1	0	0	0	0	0	0
5571	101	0	0	0	1	0	0	0	0	0
5573	301	0	0	0	8	2	0	0	0	0
5574	300	0	10	14	0	0	0	0	0	0
5708	0	0	2	6	0	0	0	0	0	0
5708	802	0	0	0	1	3	0	0	0	0
5802	5000	2	9	36	0	0	0	0	0	0
5806	1	0	0	0	1	0	0	0	0	0
5806	2	0	0	20	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
9999	0	6	41	74	11	8	20	15	5	0

TABLE 46. TC8602, replicate 1; Station W2D1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2200	0	0	0	0	0	0	0	1	0
3125	300	0	0	0	4	3	11	9	0
3125	302	0	0	4	54	21	18	2	1
3126	101	0	0	0	0	0	0	0	4
3126	200	0	6	39	9	1	2	0	0
3128	0	0	1	2	0	0	0	0	0
3132	0	0	0	0	2	0	0	0	0
3132	200	0	0	1	1	1	0	0	0
3147	0	0	0	0	0	0	1	0	0
3149	100	0	1	2	0	0	0	0	0
3152	0	0	0	0	0	0	1	0	0
3152	201	0	0	0	0	0	1	0	0
3152	301	0	0	0	2	1	0	0	0
3152	400	0	0	0	0	0	0	1	1
3152	700	0	0	0	0	1	0	0	0
3152	701	0	0	0	1	4	0	0	0
3153	101	0	0	0	0	0	0	0	1
3159	0	0	10	11	5	3	0	2	0
3159	201	0	33	0	0	0	0	0	0
3159	401	1	11	30	7	0	0	0	0
3159	500	0	4	8	3	3	7	6	4
3159	1304	0	0	2	17	12	12	3	0
3159	1305	0	0	0	0	5	3	2	2
3159	1407	0	2	1	0	0	0	0	0
3159	1600	0	0	0	2	2	2	2	0
3159	1614	0	0	2	3	0	0	0	0
3159	1691	0	0	1	1	0	1	1	0
3159	1692	0	0	0	1	0	1	0	0
3159	1802	0	0	0	0	0	2	7	1
3159	2104	0	0	0	0	0	0	1	1
3159	2105	0	0	0	0	0	3	1	0
3159	2107	0	0	0	0	2	0	3	0
3159	3003	0	0	0	0	0	3	4	3
3159	3102	2	0	0	0	0	0	0	0
3159	3302	0	1	9	2	2	3	0	0
3164	101	0	0	0	2	0	0	0	0
4120	100	1	4	0	0	0	0	0	0
4200	0	0	0	0	0	0	0	4	0
4207	102	0	0	0	0	0	0	3	8
4207	103	0	0	0	0	0	0	2	1
4401	301	1	0	0	0	0	0	0	0
4401	4903	2	0	0	0	0	0	0	0
4401	5101	1	0	0	0	0	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
4602	105	0	0	0	0	1	3	1	0
4602	301	0	0	0	0	0	0	0	1
4912	201	0	0	0	0	0	0	1	0
5201	0	0	2	1	0	0	0	0	0
5402	500	0	0	1	0	0	0	0	0
5402	1001	0	0	1	0	0	0	0	0
5418	0	0	1	0	0	0	0	0	0
5418	1	0	0	0	0	1	0	0	0
5418	101	0	9	1	0	0	0	0	0
5418	2200	0	0	2	1	0	1	0	0
5429	0	0	4	9	1	0	0	0	0
5429	400	0	1	0	0	0	0	0	0
5429	601	0	2	0	0	0	0	0	0
5429	607	0	2	7	3	0	0	1	0
5434	0	0	0	0	0	0	1	0	0
5447	0	3	0	0	0	0	0	0	0
5458	0	0	0	2	0	0	0	0	0
5464	1	0	3	2	0	0	0	0	0
5464	200	1	8	1	0	0	0	0	0
5503	0	1	0	0	0	0	0	0	0
5507	0	0	1	0	0	0	0	0	0
5509	0	0	0	0	0	1	0	0	0
5509	392	0	0	0	0	0	1	0	0
5513	1	0	0	0	0	0	0	3	0
5518	101	0	0	0	1	0	0	0	0
5518	201	0	0	0	1	0	0	0	0
5519	0	0	0	0	1	0	0	0	0
5525	102	0	0	0	0	0	0	2	0
5534	601	5	0	0	0	0	0	0	0
5534	8000	0	36	3	4	0	0	0	0
5553	101	0	0	0	1	0	0	0	0
5553	102	0	0	0	2	1	0	0	0
5555	0	0	0	0	0	1	0	0	0
5560	291	0	0	0	0	1	0	0	0
5560	5201	0	0	0	1	0	0	0	2
5569	0	0	0	0	0	1	0	0	0
5572	401	0	3	0	0	0	0	0	0
5573	301	0	0	0	0	0	0	1	1
5574	300	0	68	14	3	0	0	1	0
5580	201	0	0	0	0	1	0	0	0
5580	202	0	0	0	1	0	0	0	0
5580	203	0	0	0	0	1	0	0	0
5580	501	0	0	0	1	0	0	0	0
5580	506	0	0	0	0	0	0	0	1
5708	0	0	0	1	0	1	0	0	0
5708	800	0	0	0	0	1	0	0	0
5802	5000	0	27	19	0	2	2	2	0
5803	301	0	0	1	0	0	0	0	0
9999	0	9	18	29	39	16	19	5	8

TABLE 47. TC8602, replicate 1; Station W2N1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2200	0	0	0	0	0	1	0	0	0
2211	0	0	0	0	0	0	1	0	0
2211	100	0	0	0	0	0	0	0	1
2213	0	0	0	0	0	0	0	1	0
2214	101	0	0	0	0	1	0	0	0
2507	101	0	1	0	0	0	0	0	0
3125	300	0	1	0	8	15	48	21	9
3125	302	22	6	22	68	96	93	27	8
3126	101	0	0	0	0	0	0	0	1
3126	200	20	18	71	58	22	9	1	0
3126	1101	1	1	0	0	0	0	0	0
3128	0	0	0	0	1	0	0	2	1
3129	101	0	0	1	0	1	0	0	0
3132	0	0	0	0	0	1	0	0	0
3132	100	0	0	0	1	1	0	0	0
3132	200	0	0	1	4	0	1	0	0
3133	0	0	0	0	1	0	0	0	0
3147	0	0	0	1	1	0	0	0	0
3147	101	6	0	3	0	0	0	0	0
3149	100	1	0	1	0	0	0	0	0
3152	0	1	0	1	2	0	0	2	1
3152	201	0	0	0	0	7	1	0	1
3152	301	0	0	2	5	2	0	0	0
3152	400	0	0	0	0	0	0	0	2
3152	402	0	0	0	0	0	0	1	0
3152	700	0	0	0	3	4	2	0	0
3152	701	0	1	4	8	8	0	0	0
3153	102	0	1	0	0	0	0	0	0
3159	0	3	1	10	9	21	12	4	5
3159	101	0	0	0	0	0	0	0	1
3159	104	0	0	0	0	0	1	0	10
3159	201	0	0	3	0	0	0	0	0
3159	204	0	0	0	0	0	0	1	0
3159	401	9	2	24	20	38	39	21	1
3159	500	12	15	13	6	5	30	31	21
3159	1304	0	0	0	22	46	40	16	6
3159	1305	0	0	1	0	0	2	13	9
3159	1407	0	2	1	0	1	1	0	0
3159	1600	0	1	0	2	2	4	3	1
3159	1614	0	0	1	4	8	1	0	0
3159	1681	0	0	0	0	1	1	0	0
3159	1682	0	0	0	0	0	0	0	2
3159	1691	0	0	0	7	8	10	2	0
3159	1692	0	1	0	0	1	2	0	0
3159	1802	0	1	0	0	0	1	6	10
3159	2100	0	0	0	0	0	1	0	1
3159	2105	0	0	0	0	2	2	6	1
3159	2107	0	0	0	1	1	6	6	8

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	2301	0	0	0	0	0	0	0	1
3159	2400	0	0	0	1	4	6	0	0
3159	2402	0	0	0	0	0	0	3	1
3159	3003	0	0	0	1	0	12	3	7
3159	3102	0	0	0	0	1	0	0	0
3159	3302	4	1	3	5	8	5	0	0
3164	0	0	0	0	1	0	0	0	0
3164	101	0	0	0	2	3	0	0	0
3164	301	0	0	0	0	0	0	1	0
4200	0	0	0	0	0	0	0	0	2
4207	102	0	0	0	0	0	0	0	1
4207	103	0	0	0	0	0	0	0	1
4602	100	0	0	0	0	0	0	1	0
4602	105	0	0	0	0	0	4	1	0
4706	100	0	1	0	0	0	0	0	0
5201	0	0	0	1	4	0	0	0	0
5201	600	0	0	0	1	0	0	0	0
5402	301	0	0	1	0	0	0	0	0
5402	500	1	2	6	2	0	0	0	0
5414	101	0	0	1	0	0	0	0	0
5417	0	0	2	2	0	0	0	0	0
5418	0	6	0	0	0	0	0	0	0
5418	1	1	1	2	0	0	0	0	0
5418	101	0	0	6	0	0	0	0	0
5418	2200	1	0	1	4	2	0	0	0
5429	0	14	17	35	1	0	0	0	0
5429	400	0	0	1	0	0	0	0	0
5429	601	0	3	16	3	0	0	0	1
5429	607	1	0	11	6	6	9	3	0
5434	0	0	0	0	1	1	1	0	0
5438	705	0	0	0	0	1	0	0	0
5457	0	0	0	1	0	0	0	0	0
5458	0	0	0	0	2	0	0	0	0
5464	0	0	3	0	0	1	0	0	0
5464	1	6	0	1	1	1	2	0	0
5466	0	0	0	1	0	0	0	0	0
5507	0	0	1	1	2	2	0	0	0
5507	700	0	0	0	1	0	1	1	0
5509	0	0	1	0	0	0	0	0	0
5509	392	0	0	0	0	0	0	2	0
5513	1	0	0	0	0	0	0	1	0
5514	201	0	0	0	0	0	0	0	1
5518	101	1	0	0	0	0	0	0	0
5518	201	0	1	7	0	0	0	1	0
5519	0	0	1	0	2	0	0	0	0
5525	102	0	0	0	0	0	0	0	1
5534	8000	4	11	22	7	0	0	4	0
5553	101	0	0	0	0	0	0	1	0
5555	0	0	0	0	0	1	0	0	0
5560	1	0	0	0	0	0	0	1	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5560	7	0	0	0	0	0	1	0	0
5560	11	0	0	0	0	0	1	0	0
5560	802	0	0	0	0	1	0	0	0
5560	1301	0	0	0	0	0	0	1	1
5560	5201	0	0	0	1	0	0	0	1
5560	5500	0	0	1	0	0	0	0	0
5565	101	0	0	1	0	0	0	0	0
5569	0	1	0	3	1	0	0	0	0
5569	100	0	0	0	0	1	3	0	0
5572	601	0	0	1	0	0	3	0	0
5573	301	0	0	0	0	0	1	0	1
5574	300	11	3	23	18	17	25	42	8
5574	401	0	0	0	0	0	0	0	1
5580	201	0	0	0	0	0	0	1	0
5580	202	0	1	0	1	1	0	0	0
5580	506	0	0	0	0	0	0	0	1
5708	0	2	0	3	2	1	0	0	0
5708	800	0	0	0	2	4	0	0	0
5708	802	0	0	1	0	4	1	0	0
5802	5000	20	13	31	7	2	2	4	1
5806	2	0	0	3	10	2	0	0	0
9999	0	22	29	83	42	17	6	7	10

TABLE 48. TC8602, replicate 1; Station W5D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	0	0	0	1	0	0
3116	101	0	0	0	0	2	0	1	0	0
3125	300	0	0	0	3	21	2	3	0	0
3125	302	0	0	10	10	8	2	0	0	0
3125	900	0	0	0	0	0	1	0	0	0
3126	101	0	0	0	0	0	0	12	2	2
3126	200	0	13	10	0	0	0	0	0	0
3127	0	0	0	0	0	0	0	0	1	1
3127	100	0	0	0	0	0	0	1	2	0
3129	101	0	0	0	1	0	1	0	0	0
3131	0	0	0	0	0	0	1	0	0	0
3134	101	0	0	0	0	0	1	0	0	0
3151	100	0	0	0	0	0	0	4	0	0
3152	0	0	0	0	0	1	0	0	0	0
3152	201	0	0	0	0	1	0	0	0	0
3152	301	0	0	1	0	0	0	0	0	0
3152	302	0	0	0	0	0	1	0	0	0
3152	400	0	0	0	0	1	0	0	0	0
3152	701	0	0	1	1	0	0	0	0	0
3152	803	0	0	0	0	0	0	0	0	1
3152	901	0	0	0	0	0	0	5	1	0
3159	0	0	3	1	1	8	1	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	104	0	0	0	0	0	0	11	3	1
3159	204	0	6	0	0	0	0	0	0	0
3159	401	0	33	11	0	0	0	0	0	0
3159	500	0	15	12	0	6	5	1	0	0
3159	601	0	0	0	0	0	0	1	0	0
3159	1304	0	0	4	2	3	0	0	0	0
3159	1305	0	0	0	3	8	1	0	0	0
3159	1407	0	0	1	0	0	0	0	0	0
3159	1600	0	0	0	0	2	0	0	0	0
3159	1614	0	0	3	0	0	0	0	0	0
3159	1691	0	0	1	0	6	1	0	0	0
3159	1692	0	0	0	0	1	0	0	0	0
3159	1802	0	0	1	2	1	4	0	0	0
3159	2104	0	0	0	0	3	0	0	0	0
3159	2105	0	0	0	3	3	1	0	0	0
3159	2107	0	0	0	0	4	1	0	0	0
3159	2400	0	0	0	0	1	0	0	0	0
3159	2402	0	0	0	1	4	0	0	0	0
3159	3003	0	0	0	0	3	7	0	0	0
3159	3102	1	0	0	0	0	0	0	0	0
3159	3302	0	1	19	1	0	0	0	0	0
3164	101	0	0	1	0	0	0	0	0	0
3164	301	0	0	0	0	1	0	0	0	0
4120	100	0	0	1	0	0	0	0	0	0
4122	200	0	0	0	1	0	0	0	0	0
4200	0	0	0	0	0	3	0	0	0	0
4207	102	0	0	0	0	0	9	0	0	0
4207	103	0	0	0	1	2	0	0	0	0
4213	101	0	0	0	0	0	0	1	0	0
4401	301	1	0	0	0	0	0	0	0	0
4401	402	1	0	0	0	0	0	0	0	0
4401	4902	1	0	0	0	0	0	0	0	0
4602	100	0	0	0	1	2	0	0	0	0
4602	105	0	0	0	6	3	0	0	0	0
4602	201	0	0	0	0	0	4	2	1	1
4602	402	0	0	0	0	0	0	1	0	0
4702	100	0	0	0	0	0	0	0	1	1
5201	0	0	0	0	0	1	0	0	0	0
5311	101	1	0	0	0	0	0	0	0	0
5402	1001	0	0	0	1	0	0	0	0	0
5418	101	0	2	0	0	0	0	0	0	0
5418	200	0	0	0	0	0	1	0	0	0
5429	0	0	15	20	0	0	0	0	0	0
5429	601	0	2	0	0	0	0	0	0	0
5429	607	0	6	3	0	0	0	0	0	0
5430	101	0	1	0	0	0	0	0	0	0
5447	0	1	0	0	0	0	0	0	0	0
5464	1	0	1	0	0	0	0	0	0	0
5507	800	0	0	0	1	0	0	0	0	0
5513	1	0	0	0	0	0	1	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5525	102	0	0	0	2	0	0	0	0	0
5553	102	0	0	1	1	0	0	0	0	0
5560	5201	0	1	0	0	0	0	0	0	0
5572	601	0	0	0	1	0	0	0	0	0
5573	301	0	0	0	0	6	1	0	0	0
5573	600	0	0	0	0	0	0	1	0	0
5574	300	0	4	2	0	0	0	0	0	0
5580	202	0	0	2	0	0	0	0	0	0
5708	0	0	0	0	1	0	0	0	0	0
5708	802	0	0	0	0	0	1	0	0	0
5802	5000	0	2	0	0	0	0	0	0	0
9999	0	2	6	0	4	14	2	1	0	0

TABLE 49. TC8602, replicate 1; Station W5N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2500	0	0	1	0	0	0	0	0	0	0
3125	300	2	0	15	14	0	0	0	0	0
3125	301	0	0	0	1	0	0	1	0	0
3125	302	9	3	33	6	2	0	0	0	0
3125	900	0	0	0	0	1	1	0	1	0
3126	0	0	0	0	0	0	0	2	0	0
3126	101	0	0	0	1	6	16	24	5	2
3126	102	0	0	0	3	6	3	2	0	0
3126	103	0	0	0	0	0	0	4	0	0
3126	200	7	4	18	0	1	0	0	0	0
3126	1101	0	0	1	0	0	0	0	0	0
3127	0	0	0	0	0	0	0	0	0	1
3127	100	0	0	0	0	0	0	2	18	7
3127	1001	0	0	0	0	0	0	0	0	1
3128	0	0	0	0	1	1	0	0	0	1
3129	101	0	0	0	3	0	0	1	5	3
3132	0	0	0	2	0	0	0	0	0	0
3134	101	0	0	0	1	0	0	1	0	1
3147	101	2	2	0	1	0	0	0	0	0
3149	100	0	2	4	0	0	0	0	0	0
3151	100	0	0	0	0	0	1	5	1	3
3151	101	0	0	0	0	0	2	1	0	0
3152	0	0	0	0	3	0	0	0	0	0
3152	303	0	1	0	0	0	0	0	0	0
3152	700	0	0	3	0	0	0	0	0	0
3152	701	0	0	2	0	0	0	0	0	0
3152	803	0	0	0	1	0	0	0	0	0
3152	901	0	0	0	0	0	0	3	6	0
3153	100	0	0	0	0	0	1	0	0	0
3153	101	0	0	0	3	4	0	2	0	0
3159	0	7	0	12	9	2	0	4	0	0
3159	101	0	0	0	0	1	0	0	2	1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	104	0	0	0	7	15	14	15	6	0
3159	204	2	0	0	0	0	0	0	0	0
3159	401	3	0	8	2	2	1	0	0	0
3159	500	4	12	29	15	4	0	0	0	1
3159	1304	0	0	1	4	1	0	1	0	0
3159	1305	2	0	4	10	4	0	0	0	0
3159	1600	0	0	3	1	0	0	0	0	0
3159	1614	0	1	3	1	1	0	0	0	0
3159	1682	1	0	2	0	0	1	0	0	0
3159	1691	0	0	0	1	0	0	0	0	0
3159	1692	0	0	0	1	0	0	0	0	0
3159	1802	2	1	0	7	10	1	0	0	0
3159	2104	0	0	1	0	0	0	0	0	0
3159	2105	0	0	1	4	3	0	1	0	0
3159	2107	0	0	4	1	0	0	0	0	0
3159	2301	0	1	0	2	12	2	0	0	0
3159	3003	0	1	10	18	9	2	2	0	0
3159	3302	0	2	15	0	2	0	0	0	0
3164	301	0	0	3	0	0	0	0	0	0
4120	100	1	0	0	0	0	0	0	0	0
4124	0	0	0	0	0	0	0	1	0	0
4200	0	0	0	0	5	3	0	0	0	0
4207	100	0	0	0	0	0	2	0	0	0
4207	102	0	0	0	0	1	0	0	0	0
4207	103	0	0	0	4	2	0	0	0	0
4213	101	0	0	0	0	0	0	1	0	0
4401	401	2	0	0	0	0	0	0	0	0
4602	100	0	0	0	0	1	0	0	0	0
4602	105	0	0	0	6	1	1	0	0	0
4602	201	0	0	0	0	0	12	20	1	0
4602	301	0	0	0	0	1	1	1	0	0
4602	400	0	0	0	0	0	2	0	0	0
4602	401	0	0	0	0	1	0	0	0	0
4602	402	0	0	0	0	0	0	1	0	0
5402	500	0	0	1	0	0	0	0	0	0
5402	1001	0	0	0	2	0	0	0	0	0
5417	0	0	0	0	1	0	0	0	0	0
5418	1	0	2	1	0	0	0	0	0	0
5418	101	0	1	2	0	0	0	0	0	0
5418	2200	0	0	0	1	2	0	0	0	0
5429	0	6	10	14	0	1	0	0	0	0
5429	400	1	0	0	0	0	0	0	0	0
5429	601	0	1	1	0	3	0	0	0	0
5429	607	0	3	4	1	0	0	0	0	0
5429	701	0	0	1	0	0	0	0	0	0
5457	0	1	2	1	0	0	0	0	0	0
5464	0	1	1	0	0	0	0	0	0	0
5464	1	0	6	4	1	0	0	0	0	0
5464	200	1	0	3	0	0	0	0	0	0
5507	1400	0	1	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5507	8000	0	0	0	1	0	0	0	0	0
5507	9000	0	1	0	0	0	0	0	0	0
5513	1	0	0	0	3	2	1	0	0	0
5525	102	0	0	0	2	0	0	0	0	0
5534	8000	0	6	5	0	0	0	0	0	0
5553	101	0	0	0	0	1	0	0	0	0
5558	101	0	0	0	0	1	0	0	0	0
5560	291	0	0	0	1	0	0	0	0	0
5569	100	0	0	0	1	0	0	0	0	0
5572	401	0	0	2	0	0	0	0	0	0
5573	301	0	0	0	2	0	0	0	0	0
5574	300	4	32	33	1	0	0	0	0	0
5580	202	0	0	0	1	0	0	0	0	0
5708	800	0	0	0	1	0	0	0	0	0
5708	802	0	2	1	0	0	2	0	0	0
5802	5000	2	8	17	0	1	0	0	0	0
5803	301	0	1	0	0	0	0	0	0	0
5808	0	0	0	1	0	0	0	0	0	0
5809	101	0	0	0	1	0	0	0	0	0
9999	0	11	12	34	18	15	6	4	3	0

TABLE 50. TC8602, replicate 1; Station W15D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2211	0	0	0	0	0	0	1	0	0	0
3125	300	0	0	0	3	49	11	0	0	0
3125	302	0	1	32	51	68	2	0	1	0
3125	900	0	0	0	0	0	0	1	0	0
3126	101	0	0	0	0	0	0	0	0	2
3126	102	0	0	0	0	0	1	0	0	0
3126	200	0	26	6	2	3	0	0	0	0
3126	1101	0	2	0	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	7	2
3127	1001	0	0	0	0	0	0	0	0	1
3128	0	0	0	0	0	1	0	0	0	0
3129	101	0	0	0	0	0	0	0	1	1
3132	0	0	0	1	0	0	0	0	0	0
3132	400	0	1	0	0	0	0	0	0	0
3149	100	0	1	0	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	2	0	0
3151	101	0	0	0	0	0	0	0	1	0
3152	0	0	0	1	1	5	3	0	0	0
3152	201	0	0	0	0	1	0	1	0	0
3152	301	0	0	0	1	0	0	0	0	0
3152	400	0	0	0	0	0	3	0	0	0
3152	700	0	0	0	0	1	0	0	0	0
3152	701	0	0	2	7	0	0	0	0	0
3152	901	0	0	0	0	0	0	1	1	2

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3154	102	0	0	0	0	0	1	0	0	0
3159	0	0	8	7	3	20	3	3	1	0
3159	104	0	1	0	0	0	0	1	10	5
3159	201	0	12	0	0	0	0	0	0	0
3159	302	0	0	0	0	0	0	2	0	0
3159	401	0	33	12	0	0	0	1	0	0
3159	500	0	33	20	14	23	10	0	0	0
3159	601	0	0	0	0	0	0	0	1	0
3159	1304	0	0	10	21	6	0	0	0	0
3159	1305	0	0	0	0	10	16	0	0	0
3159	1407	0	13	0	0	0	0	0	0	0
3159	1600	0	0	0	7	0	9	0	0	0
3159	1614	0	0	5	0	1	0	0	0	0
3159	1691	0	0	1	10	1	0	0	0	0
3159	1692	0	0	0	1	0	0	1	0	0
3159	1802	0	0	0	2	8	12	0	0	0
3159	2105	0	0	0	0	2	0	0	0	0
3159	2107	0	0	0	0	4	0	0	0	0
3159	2108	0	0	0	0	0	2	0	0	0
3159	2301	0	0	0	0	0	1	1	0	0
3159	2400	0	0	1	0	3	0	0	0	0
3159	3003	0	0	0	3	1	2	3	0	0
3159	3102	1	0	0	0	0	0	0	0	0
3159	3302	0	14	8	1	0	0	0	0	0
4120	100	0	3	0	0	0	0	0	0	0
4122	300	0	1	0	0	0	0	0	0	0
4124	0	0	0	0	0	0	0	1	1	0
4200	0	0	0	0	0	0	4	0	0	0
4207	102	0	0	1	0	0	8	1	0	0
4207	103	0	0	0	0	1	5	0	0	0
4212	0	0	0	0	0	1	0	0	0	0
4213	101	0	0	0	0	0	0	1	0	0
4401	301	3	0	0	0	0	0	0	0	0
4401	5401	3	0	0	0	0	0	0	0	0
4602	100	0	0	0	0	0	4	0	0	0
4602	105	0	0	0	0	4	6	0	0	0
4602	201	0	0	0	0	0	0	2	4	4
4602	402	0	0	0	0	0	0	3	1	0
4603	201	0	1	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	2
4706	100	0	2	0	0	0	0	0	0	0
5418	200	0	0	0	0	0	1	0	0	0
5418	2200	0	0	0	0	1	0	0	0	0
5429	400	1	0	0	0	0	0	0	0	0
5430	101	1	0	0	0	0	0	0	0	0
5447	0	1	0	0	0	0	0	0	0	0
5457	0	0	0	0	0	1	0	0	0	0
5507	0	0	1	0	0	0	0	0	0	0
5507	1400	0	1	0	0	0	0	0	0	0
5513	1	0	0	0	0	0	7	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5513	3	0	1	0	0	0	0	0	0	0
5525	102	0	0	0	0	0	2	0	0	0
5558	2	0	0	0	0	0	0	0	1	0
5560	1301	0	0	0	0	0	0	0	1	0
5572	401	0	3	0	0	0	0	0	0	0
5572	601	0	0	0	1	1	0	0	0	0
5573	301	0	0	0	1	2	3	1	0	0
5573	600	0	0	0	0	0	0	0	0	1
5574	300	0	1	0	0	0	0	0	0	0
5580	202	0	0	2	1	0	0	0	0	0
5580	506	0	1	0	1	0	0	0	0	0
5802	5000	0	1	0	0	1	0	0	0	0
5806	0	0	0	0	0	1	0	1	0	0
9999	0	1	7	7	10	25	7	3	3	0

TABLE 51. TC8602, replicate 1; Station W15N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2212	401	0	1	0	1	0	0	0	0	0
2212	500	0	0	0	0	0	1	0	0	0
3125	300	0	0	0	51	21	4	0	0	0
3125	301	0	0	0	0	0	0	0	6	0
3125	302	0	0	3	179	43	6	5	0	0
3125	900	0	0	0	1	0	2	9	2	0
3126	101	0	0	0	0	0	0	0	9	0
3126	102	0	0	0	0	0	6	1	3	0
3126	200	0	7	45	51	3	0	0	0	0
3126	1101	0	0	1	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	8	1
3128	0	0	0	1	0	0	0	0	1	0
3129	101	0	0	0	0	1	1	0	1	0
3131	0	0	1	2	0	0	0	0	0	0
3132	400	0	1	0	0	0	0	0	0	0
3132	800	0	0	0	1	0	0	0	0	0
3134	101	0	0	0	0	0	1	1	0	0
3147	101	0	2	0	0	0	0	0	0	0
3147	300	0	0	1	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	0	0	1
3151	101	0	0	0	0	0	0	0	0	1
3152	0	0	0	0	0	5	1	0	0	0
3152	201	0	0	0	1	1	0	0	0	0
3152	401	0	0	0	0	2	2	0	0	0
3152	700	0	0	0	3	0	0	0	0	0
3152	701	0	2	4	1	0	0	0	0	0
3152	901	0	0	0	1	0	0	0	1	0
3153	101	0	0	0	0	0	1	1	0	0
3153	201	0	1	0	0	0	0	0	0	0
3154	102	0	0	0	0	0	3	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	0	0	1	27	21	11	1	0	0	0
3159	104	0	0	0	0	0	3	76	4	1
3159	201	0	19	12	0	1	0	0	0	0
3159	302	0	0	0	0	0	0	1	0	0
3159	401	0	8	105	29	13	3	2	0	0
3159	500	0	3	53	37	35	14	2	0	0
3159	601	0	0	0	0	0	0	0	1	0
3159	1304	0	0	0	30	5	3	3	0	0
3159	1305	0	0	0	2	28	22	4	0	0
3159	1407	0	0	2	0	0	0	1	0	0
3159	1600	0	0	0	3	2	0	0	0	0
3159	1614	0	0	0	6	1	0	0	0	0
3159	1690	0	0	0	0	1	4	0	0	0
3159	1691	0	0	14	10	3	0	2	0	0
3159	1692	0	0	0	1	1	0	0	0	0
3159	1802	0	0	2	0	34	37	0	0	0
3159	2104	0	0	0	0	0	2	1	0	0
3159	2105	0	0	0	0	1	3	0	0	0
3159	2107	0	0	0	2	1	0	0	0	0
3159	2108	0	0	0	0	2	1	0	0	0
3159	2301	0	0	0	0	0	0	48	0	0
3159	2402	0	0	1	0	1	1	0	0	0
3159	3003	0	0	1	1	16	15	11	1	0
3159	3302	0	2	35	11	0	0	0	0	0
3164	0	0	0	0	0	1	0	0	0	0
3164	101	0	0	0	1	0	0	0	0	0
3164	202	0	0	0	0	0	2	0	0	0
3164	301	0	0	0	0	0	1	0	0	0
4120	100	0	0	1	0	0	0	0	0	0
4122	200	0	0	0	0	0	1	0	0	0
4200	0	0	0	0	0	3	6	0	0	0
4207	102	0	0	0	0	11	25	5	0	0
4207	103	0	0	1	0	1	3	8	0	0
4213	101	0	0	0	0	1	0	0	0	0
4401	301	1	0	0	0	0	0	0	0	0
4401	600	1	0	0	0	0	0	0	0	0
4602	100	0	0	0	0	1	0	2	0	0
4602	105	0	0	0	0	5	1	0	0	0
4602	201	0	0	0	0	0	0	0	2	0
4602	301	0	0	0	0	0	0	3	0	0
4602	401	0	0	0	0	0	0	2	0	0
4602	402	0	0	0	0	0	0	1	2	1
4702	100	0	0	0	0	0	0	0	0	1
5418	2200	0	0	2	0	0	1	0	0	0
5429	400	1	0	0	0	0	0	0	0	0
5434	0	0	0	3	0	0	0	0	0	0
5513	1	0	0	0	0	0	1	1	0	0
5525	102	0	0	0	0	4	0	0	0	0
5558	2	0	0	0	0	0	0	0	0	1
5571	101	0	0	0	0	1	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5572	401	0	0	2	0	0	0	0	0	0
5572	601	0	0	0	4	1	0	1	0	0
5573	301	0	0	1	0	2	3	2	0	0
5574	401	0	0	2	0	0	0	0	0	0
5580	101	0	1	0	0	0	0	0	0	0
5580	202	0	0	0	2	0	0	0	0	0
5580	506	0	0	1	2	0	0	0	0	0
5708	802	0	0	1	1	0	1	0	0	0
5803	301	0	1	0	0	0	0	0	0	0
9999	0	0	3	33	22	37	27	11	1	2

TABLE 52. TC8604, replicate 1; Station L1D1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3125	302	0	0	0	0	0	2	0	2
3126	200	0	15	28	38	46	126	29	20
3126	1101	0	0	0	1	1	0	0	0
3128	0	1	0	0	0	0	0	0	0
3133	0	0	0	0	0	0	1	0	0
3147	0	0	0	0	0	0	0	1	0
3147	101	0	2	0	0	0	0	0	0
3149	100	0	0	4	2	1	0	0	0
3152	0	0	0	0	0	0	0	0	2
3152	201	0	0	0	0	0	0	0	1
3152	800	0	0	0	0	1	0	0	0
3153	201	0	0	0	0	0	0	1	0
3159	0	0	4	15	35	55	24	5	23
3159	101	0	0	0	0	0	0	0	120
3159	201	0	15	65	43	16	0	1	0
3159	401	0	46	107	77	42	52	9	1
3159	500	0	0	2	7	15	20	20	11
3159	1304	0	0	0	0	0	0	0	1
3159	1305	0	0	0	0	0	0	0	2
3159	1404	0	1	0	0	0	0	0	0
3159	1407	0	5	8	23	14	6	5	0
3159	1600	0	0	0	0	0	0	0	1
3159	1614	0	0	1	0	0	1	0	0
3159	1691	0	0	0	0	0	0	0	1
3159	2108	0	0	0	0	0	0	0	1
3159	3003	0	0	0	0	0	0	0	3
3159	3302	0	0	2	1	1	2	3	3
4123	0	0	0	1	0	0	0	0	0
4401	301	3	0	0	0	0	0	0	0
4401	4903	1	0	0	0	0	0	0	0
4602	100	0	0	0	1	0	0	0	4
4618	0	0	78	27	3	3	0	1	0
4618	400	0	9	1	0	2	0	0	0
4706	100	0	1	1	0	0	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5201	0	0	1	1	0	1	0	0	0
5311	101	0	1	0	0	0	0	0	0
5402	500	0	0	1	1	1	3	4	2
5402	1001	0	0	0	0	0	1	0	1
5417	0	0	2	3	0	2	2	0	0
5418	1	0	0	0	0	0	0	0	1
5418	101	0	0	1	0	1	0	1	0
5418	2200	0	0	0	0	0	0	0	2
5429	0	2	6	2	7	8	3	0	0
5429	400	0	0	3	0	0	0	0	0
5429	600	0	0	0	0	0	0	1	0
5429	607	0	0	1	0	0	2	0	0
5429	701	0	0	0	3	0	0	0	0
5430	102	0	1	0	0	0	0	0	0
5434	0	0	0	0	0	0	0	0	1
5438	0	0	5	0	6	0	0	0	0
5438	401	0	5	1	32	0	0	0	0
5438	500	0	0	0	0	1	1	0	1
5438	600	0	1	5	0	0	0	0	0
5443	101	0	0	0	0	1	0	0	0
5453	100	0	1	0	0	0	0	0	0
5457	0	0	7	3	0	1	2	3	0
5457	793	0	0	0	0	0	1	0	0
5458	0	0	0	1	0	0	0	0	0
5464	1	0	0	0	0	0	1	0	0
5464	200	0	6	0	0	0	0	0	0
5503	0	0	0	2	0	0	0	0	0
5507	0	0	2	0	0	0	0	0	4
5507	800	0	0	0	0	0	0	0	1
5509	0	0	0	0	0	0	2	2	0
5513	3	0	0	1	0	0	0	0	0
5514	201	0	0	0	0	1	0	0	4
5518	201	0	0	0	0	0	0	0	1
5534	400	0	0	4	3	0	0	0	0
5534	601	4	1	0	0	0	0	0	0
5534	8000	0	9	0	0	0	0	0	0
5553	100	0	0	0	0	0	0	1	0
5553	101	0	0	0	0	1	1	3	2
5553	102	0	0	0	0	1	4	5	0
5558	4	0	0	0	0	0	0	0	2
5558	8	0	0	0	0	1	0	0	0
5560	0	0	0	0	0	0	0	2	1
5560	8	0	0	0	0	1	6	6	6
5560	9	0	0	0	0	0	0	0	1
5560	802	0	0	0	0	0	4	5	9
5560	5201	0	1	0	0	0	13	43	47
5569	0	0	2	0	0	0	0	0	0
5569	2	0	1	1	0	0	0	1	0
5572	601	0	0	0	0	1	0	0	0
5574	0	0	16	31	11	0	4	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5574	101	0	0	1	0	1	0	0	0
5574	300	0	0	0	0	0	7	1	0
5574	401	0	0	0	0	3	0	0	0
5574	500	0	0	0	1	1	0	0	0
5574	700	0	32	63	127	30	0	0	0
5574	702	0	3	0	0	2	0	0	0
5574	703	0	21	5	8	0	0	0	0
5580	501	0	1	0	0	0	0	0	0
5802	0	1	10	1	1	3	1	0	0
5802	5000	0	24	0	0	0	0	3	5
5806	2	0	0	0	0	0	0	0	7
9999	0	11	63	71	36	77	37	15	21

TABLE 53. TC8604, replicate 1; Station L1N1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2211	201	0	0	0	0	0	0	0	1
2506	0	0	0	0	1	0	0	0	0
2506	101	0	0	1	0	0	0	0	0
2906	101	0	1	0	0	0	0	0	0
3125	300	0	0	0	0	0	0	2	0
3125	302	0	0	2	0	6	9	17	17
3126	200	158	57	73	103	136	157	55	2
3128	0	0	0	0	1	0	0	0	0
3147	0	1	0	0	0	0	0	0	0
3147	101	1	0	0	0	0	0	0	0
3147	200	0	0	0	0	0	0	0	1
3147	300	0	0	0	1	1	0	0	0
3149	100	3	3	0	0	0	0	0	0
3152	0	0	0	0	0	1	0	1	2
3152	301	0	0	0	0	0	2	0	0
3152	700	0	0	0	0	0	0	1	1
3152	803	0	0	0	0	0	0	2	0
3153	201	1	0	0	0	0	0	0	0
3159	0	2	0	1	7	19	60	15	4
3159	101	0	1	0	2	0	0	9	10
3159	201	2	0	0	3	5	7	0	0
3159	401	37	18	13	48	72	103	27	4
3159	500	27	31	20	33	36	13	14	3
3159	1304	0	1	0	0	0	0	15	6
3159	1305	0	0	0	0	0	1	0	0
3159	1407	5	5	4	6	7	11	6	0
3159	1614	0	1	0	0	0	1	0	0
3159	1690	0	0	0	0	0	0	0	1
3159	1691	0	0	0	1	0	0	8	0
3159	1802	0	0	0	0	0	1	0	0
3159	3003	0	0	0	0	0	0	0	2
3159	3302	8	6	2	8	3	7	3	2

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3164	0	0	0	0	0	0	1	0	0
4207	103	0	0	0	0	0	0	0	1
4602	105	0	0	0	0	0	0	2	1
4618	0	2	1	0	0	2	0	0	0
4618	400	0	0	1	0	0	0	0	0
4912	403	1	0	1	0	0	0	0	0
5201	0	0	0	1	1	0	1	0	0
5402	500	14	5	2	7	3	1	2	0
5417	0	0	0	0	1	0	0	0	0
5418	2200	0	0	0	0	0	0	1	0
5429	0	9	20	15	2	5	1	0	0
5429	600	4	0	0	0	0	0	0	0
5429	601	0	0	0	3	0	0	0	0
5429	607	7	10	1	4	1	0	0	0
5438	401	0	1	0	0	0	0	0	0
5438	600	2	0	0	0	0	1	0	0
5438	700	0	8	0	0	0	0	0	0
5457	0	0	0	0	1	0	0	0	0
5464	0	1	0	0	0	0	0	0	0
5466	0	0	1	0	0	0	0	0	0
5507	0	2	0	1	0	0	0	0	0
5507	8	0	0	0	0	0	1	0	0
5507	700	0	0	0	0	0	0	1	1
5507	800	0	0	1	0	0	0	0	1
5509	391	0	0	0	0	2	0	0	0
5509	392	0	0	1	1	0	1	0	0
5514	201	4	0	0	0	0	1	1	0
5518	101	4	0	0	0	0	0	0	0
5518	201	0	0	0	0	0	1	0	0
5519	0	0	0	0	0	1	0	0	0
5525	102	0	0	0	0	0	0	1	0
5534	400	2	5	0	0	0	0	0	0
5534	601	0	0	0	0	1	0	0	0
5534	8000	2	2	4	0	0	0	0	0
5541	301	0	0	1	0	11	7	1	0
5553	100	3	2	3	5	10	0	0	0
5553	101	18	18	8	11	13	5	0	0
5553	102	31	10	13	18	19	1	0	0
5558	2	0	0	0	0	0	3	1	1
5558	3	0	0	0	0	0	0	1	3
5558	4	2	0	0	0	1	2	0	0
5558	8	3	0	0	0	0	0	0	0
5560	0	0	3	7	4	7	0	0	1
5560	1	0	0	2	0	2	0	1	5
5560	4	0	0	1	0	0	0	6	18
5560	5	0	1	0	0	0	0	0	0
5560	8	174	156	72	78	36	12	2	1
5560	9	0	2	4	7	3	5	2	3
5560	10	0	0	0	0	9	0	0	0
5560	11	0	1	0	0	0	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5560	291	0	0	0	0	0	0	0	1
5560	802	69	54	29	28	23	15	4	7
5560	1301	0	0	0	0	0	1	0	1
5560	1701	0	0	2	4	0	2	0	0
5560	5201	229	659	492	781	416	111	37	19
5560	5301	1	0	5	5	4	16	14	7
5565	101	2	0	0	0	0	0	0	0
5569	0	6	9	1	3	3	0	0	0
5569	2	3	3	0	0	1	0	0	0
5574	0	23	16	2	15	5	1	0	0
5574	101	0	0	0	1	1	0	0	0
5574	300	1	3	2	0	2	0	0	0
5574	401	0	4	0	0	0	0	0	0
5574	501	0	0	0	0	0	0	0	1
5574	700	12	3	9	5	9	0	0	0
5580	200	0	0	0	1	0	0	0	0
5580	206	0	0	0	0	0	0	1	0
5580	501	3	2	3	0	3	1	0	0
5708	800	0	0	0	0	0	1	0	0
5708	802	0	0	0	0	0	0	1	0
5802	5000	4	4	3	0	2	0	2	0
5806	1	0	0	0	1	0	0	0	0
5806	2	0	1	0	0	0	0	0	1
9999	0	199	138	160	151	118	30	13	7

TABLE 54. TC8604, replicate 1; Station L5D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2906	101	14	2	0	0	0	0	0	0	0
3125	300	0	0	0	0	2	0	0	0	0
3125	301	0	0	0	0	1	1	0	1	0
3125	302	0	0	0	6	3	0	0	0	0
3126	0	0	0	0	1	0	0	0	0	0
3126	101	0	0	0	0	0	0	1	1	0
3126	102	0	0	0	0	0	0	2	2	0
3126	200	0	102	101	1	0	0	0	0	0
3126	1101	0	1	2	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	0	1
3127	400	0	0	0	0	0	0	0	1	0
3128	0	0	1	0	0	0	0	0	0	0
3134	101	0	0	0	0	0	0	1	0	0
3149	100	0	3	3	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	1	0	0
3152	0	0	0	0	0	9	0	0	0	0
3152	301	0	0	0	1	0	0	0	0	0
3152	401	0	0	0	0	1	0	0	0	0
3152	701	0	0	0	0	2	0	0	0	0
3152	803	0	0	0	0	0	0	1	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	0	0	13	14	1	4	0	1	0	0
3159	101	0	1	0	0	19	3	2	0	0
3159	104	0	0	0	0	0	0	4	0	0
3159	201	0	25	0	0	0	0	0	0	0
3159	401	0	78	61	2	0	0	0	0	0
3159	500	0	29	12	13	6	0	0	0	0
3159	1304	0	0	0	0	6	0	1	0	0
3159	1305	0	0	0	0	2	0	0	0	0
3159	1407	0	18	1	1	0	0	0	0	0
3159	1614	0	0	1	2	0	0	0	0	0
3159	1691	0	0	0	0	3	0	0	0	0
3159	1802	0	0	0	0	1	1	0	0	0
3159	2108	0	0	0	0	2	0	1	0	0
3159	2301	0	0	0	0	0	0	1	1	0
3159	3003	0	0	0	0	1	1	0	0	0
3159	3302	0	0	6	1	0	0	0	0	0
3164	101	0	0	0	0	0	0	1	0	0
4100	0	0	1	0	0	0	0	0	0	0
4120	100	0	2	0	0	0	0	0	0	0
4200	0	1	0	0	0	0	0	1	0	0
4207	100	0	0	0	0	1	0	0	0	0
4207	103	0	0	0	0	1	0	0	0	0
4401	4902	0	1	0	0	0	0	0	0	0
4602	105	0	0	0	0	2	0	0	0	0
4602	301	0	0	0	0	0	0	1	0	0
4618	0	0	7	1	0	0	0	0	0	0
4618	400	0	7	4	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1
5201	0	0	1	0	0	0	0	0	0	0
5402	500	0	1	7	0	1	0	0	0	0
5402	1001	0	0	1	0	0	0	0	0	0
5414	101	1	0	0	0	0	0	0	0	0
5417	0	0	4	2	0	0	0	0	0	0
5418	1	0	0	4	0	4	2	0	0	0
5418	101	0	1	1	0	0	0	0	0	0
5418	2200	0	0	0	0	2	0	0	0	0
5429	0	0	9	6	0	0	0	0	0	0
5429	400	1	3	0	0	0	0	0	0	0
5429	601	0	6	0	0	0	0	0	0	0
5429	607	0	1	3	1	0	0	0	0	0
5429	1200	0	1	0	0	0	0	0	0	0
5430	101	0	0	1	0	0	0	0	0	0
5434	500	0	0	0	0	1	0	0	0	0
5438	401	0	2	0	0	0	0	0	0	0
5438	500	0	2	3	0	0	0	0	0	0
5438	600	0	1	3	0	0	0	0	0	0
5438	700	0	0	1	0	0	0	0	0	0
5447	0	85	20	0	0	0	0	0	0	0
5457	0	0	1	0	0	0	0	0	0	0
5457	400	0	0	1	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5457	791	0	1	0	0	0	1	0	0	0
5457	794	0	2	0	0	0	0	0	0	0
5458	0	0	0	1	0	0	0	0	0	0
5464	1	0	1	0	0	0	0	0	0	0
5464	200	0	0	0	1	0	0	0	0	0
5503	0	0	1	0	0	0	0	0	0	0
5507	0	0	0	0	1	1	0	0	0	0
5507	8	0	1	0	0	0	0	0	0	0
5507	800	0	0	2	1	2	0	0	0	0
5507	8000	0	0	0	0	0	0	0	0	1
5513	3	0	0	0	0	1	0	0	0	0
5514	201	0	0	1	0	0	0	0	1	0
5518	101	0	0	0	1	0	0	0	0	0
5518	201	0	0	0	0	1	0	0	0	0
5534	400	0	2	0	0	0	0	0	0	0
5534	601	2	2	0	0	0	0	0	0	0
5553	101	0	1	1	0	2	0	0	0	0
5553	102	0	4	2	0	2	0	0	0	0
5558	4	0	0	1	1	5	0	0	0	0
5560	1	0	0	0	0	1	0	1	0	0
5560	4	0	0	0	0	1	0	0	0	0
5560	8	0	4	0	0	0	0	0	0	0
5560	9	0	0	0	0	1	0	0	0	0
5560	802	1	0	1	0	2	1	0	0	0
5560	5201	0	6	8	0	7	0	0	0	1
5560	5301	0	0	0	0	3	0	0	0	0
5565	101	0	1	0	0	0	0	0	0	0
5569	0	0	1	1	0	0	0	0	0	0
5569	2	0	0	0	2	1	0	0	0	0
5573	301	0	0	0	0	2	0	1	0	0
5574	0	0	71	1	0	0	0	0	0	0
5574	101	0	1	0	0	0	0	0	0	0
5574	300	0	1	3	0	0	0	0	0	0
5574	401	0	2	2	2	0	0	0	0	0
5574	500	0	1	0	0	0	0	0	0	0
5574	700	0	26	0	0	0	0	0	0	0
5574	703	0	7	2	0	0	0	0	0	0
5580	202	0	0	2	0	0	0	0	0	0
5580	501	0	0	2	0	0	0	0	0	0
5708	0	0	0	1	1	0	0	0	0	0
5802	0	0	5	1	0	0	0	0	0	0
5802	5000	0	2	3	3	0	0	0	0	0
5806	0	1	0	0	0	0	0	0	0	0
5806	2	0	1	0	16	0	0	0	0	0
9999	0	3	113	31	11	8	3	3	0	2

TABLE 55. TC8604, replicate 1; Station L5N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2500	0	0	1	0	0	0	0	0	0	0
3125	300	0	0	1	1	1	2	3	0	0
3125	301	0	0	0	0	0	1	1	0	0
3125	302	0	23	20	7	4	0	0	0	0
3125	900	0	0	0	0	0	1	0	0	0
3126	101	0	0	0	0	0	2	0	1	1
3126	102	0	0	0	0	2	0	0	0	0
3126	200	2	141	141	36	0	1	4	0	1
3126	1101	0	1	0	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	3	5
3127	1001	0	0	0	0	0	0	0	0	1
3127	9901	0	0	0	0	0	0	0	1	0
3128	0	0	0	0	0	0	0	0	1	0
3134	101	0	0	0	0	0	3	0	0	0
3147	0	0	0	4	0	0	0	0	0	0
3147	101	1	1	0	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	1	0	1
3151	103	0	0	0	0	0	0	1	0	0
3152	0	0	0	0	5	7	0	0	0	0
3152	301	0	0	1	1	0	0	0	0	0
3152	701	0	0	2	0	0	0	0	0	0
3152	803	0	0	0	0	0	1	1	0	0
3159	0	0	5	11	5	1	1	0	0	0
3159	101	0	0	14	56	3	0	4	0	0
3159	104	0	0	0	0	1	4	4	1	1
3159	201	1	3	1	0	0	0	0	0	0
3159	401	4	295	57	26	1	0	0	0	0
3159	500	6	110	77	41	13	4	1	0	0
3159	1304	0	0	16	26	5	0	0	0	0
3159	1305	0	0	0	1	0	0	0	0	0
3159	1407	0	10	1	0	0	0	0	0	0
3159	1600	0	0	9	0	0	0	0	0	0
3159	1614	0	3	16	7	0	0	0	0	0
3159	1691	0	0	1	3	0	0	0	0	0
3159	1802	0	0	0	0	1	0	0	0	0
3159	2108	0	1	2	1	0	0	0	0	0
3159	2301	0	0	0	0	2	3	2	0	0
3159	3003	0	0	0	0	3	0	0	0	0
3159	3302	1	43	5	1	0	0	0	0	0
3164	0	0	0	1	1	0	0	0	0	0
4200	0	0	0	0	1	1	0	0	0	0
4602	100	1	0	0	0	0	0	0	0	0
4602	105	0	0	0	3	0	0	0	0	0
4618	400	1	0	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	1
5201	0	1	1	0	0	0	0	0	0	0
5402	500	0	23	29	3	0	0	0	0	0
5417	0	5	4	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5418	0	0	0	1	0	0	0	0	0	0
5418	1	0	0	0	1	0	0	0	0	0
5418	101	0	0	1	0	0	0	0	0	0
5418	2000	0	0	0	0	1	0	0	0	0
5418	2200	0	0	1	0	0	0	0	0	0
5429	0	13	8	0	0	0	0	0	0	0
5429	601	0	3	0	2	0	0	0	0	0
5429	607	0	3	1	0	0	0	0	0	0
5438	401	6	4	0	0	0	0	0	0	0
5438	600	0	1	0	0	0	0	0	0	0
5438	700	0	28	1	0	0	0	0	0	0
5443	101	0	1	0	0	0	0	0	0	0
5453	100	0	0	1	0	0	0	0	0	0
5464	200	0	0	1	0	0	0	0	0	0
5507	0	0	7	11	3	1	1	0	0	0
5507	800	0	0	3	5	5	1	0	0	0
5509	0	0	5	0	1	0	0	0	0	0
5509	391	0	0	2	0	0	0	0	0	0
5509	392	0	0	0	1	0	0	0	0	0
5514	201	0	2	23	7	0	0	0	0	1
5517	101	0	0	0	0	0	0	0	1	0
5518	101	0	3	5	3	0	0	0	0	0
5518	201	0	9	6	1	1	1	0	0	0
5534	400	0	2	0	0	0	0	0	0	0
5534	8000	4	1	0	0	0	0	0	0	0
5553	100	0	0	3	1	0	0	0	0	0
5553	101	0	1	8	2	0	0	0	0	0
5553	102	0	5	19	3	0	0	0	0	0
5555	0	0	0	2	1	0	0	0	0	0
5558	2	0	0	0	0	0	0	0	0	1
5558	4	0	0	2	1	0	1	0	0	0
5558	6	0	0	0	0	0	0	0	1	0
5560	0	1	0	2	1	0	0	0	0	0
5560	1	0	0	1	0	0	0	0	0	0
5560	4	0	0	0	0	0	1	0	0	0
5560	8	0	17	83	21	0	0	0	0	0
5560	9	0	1	0	0	0	0	0	0	0
5560	292	0	0	0	0	0	0	1	0	0
5560	802	0	24	14	3	0	0	0	0	0
5560	1301	0	0	0	1	0	0	0	0	0
5560	5201	0	67	200	94	11	12	0	0	0
5560	5301	0	0	1	2	0	0	0	0	0
5565	101	1	0	0	0	0	0	0	0	0
5569	0	2	2	14	1	0	0	0	0	0
5569	1	0	0	5	0	0	0	0	0	0
5569	2	0	6	55	3	1	0	0	0	0
5569	5	0	0	5	0	0	0	0	0	0
5569	5101	2	2	0	0	0	0	0	0	0
5572	0	0	0	3	0	0	0	0	0	0
5573	301	0	0	0	1	1	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5574	0	10	9	1	0	0	0	0	0	0
5574	300	2	9	0	1	0	0	0	0	0
5574	401	0	6	2	1	0	0	0	0	0
5574	700	7	0	0	0	0	0	0	0	0
5580	501	0	5	4	1	0	0	0	0	0
5708	0	0	2	9	1	0	0	0	0	0
5708	800	0	0	1	1	0	0	0	0	0
5802	0	1	1	0	0	0	0	0	0	0
5802	5000	4	12	10	2	0	0	0	0	0
5806	2	0	2	3	5	0	0	0	0	0
9999	0	26	86	94	24	9	4	1	0	1

TABLE 56. TC8604, replicate 1; Station L15D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2211	100	0	0	0	0	0	0	0	0	1
3115	101	0	0	0	0	0	0	0	0	1
3125	300	0	0	0	0	30	14	0	0	0
3125	302	0	0	1	6	34	23	2	0	0
3126	101	0	0	0	0	0	0	1	2	0
3126	102	0	0	0	0	0	0	0	1	0
3126	200	0	28	100	142	29	4	0	0	0
3127	0	0	0	0	0	0	0	0	1	0
3127	100	0	0	0	0	0	0	0	0	1
3132	200	0	0	1	0	0	0	0	0	0
3147	0	0	1	0	0	0	1	0	0	0
3147	101	0	1	0	0	0	0	0	0	0
3151	0	0	0	0	0	0	0	0	1	0
3151	100	0	0	0	0	0	0	0	1	0
3152	0	0	0	0	0	4	6	2	0	0
3152	4	0	0	0	0	0	16	0	0	0
3152	201	0	0	0	0	0	4	1	0	0
3152	301	0	0	0	0	4	0	0	0	0
3152	402	0	0	0	0	0	1	0	0	0
3152	700	0	0	0	0	0	1	0	0	0
3152	701	0	0	0	0	3	1	0	0	0
3152	901	0	0	0	0	0	0	0	1	0
3159	0	0	20	33	16	9	10	3	0	0
3159	101	0	0	0	0	0	7	2	0	0
3159	104	0	0	0	0	0	0	0	2	1
3159	201	0	8	0	0	0	0	0	0	0
3159	401	0	18	83	32	2	0	0	0	0
3159	500	0	2	30	31	30	23	1	1	0
3159	601	0	0	0	0	0	0	0	1	0
3159	1304	0	0	0	2	20	9	5	0	0
3159	1305	0	0	0	0	1	1	2	0	0
3159	1407	0	7	4	0	0	0	0	0	0
3159	1600	0	0	0	1	0	1	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	1614	0	0	1	21	1	3	0	0	0
3159	1691	0	0	0	0	0	36	10	0	0
3159	1802	0	0	0	0	0	2	2	0	0
3159	2100	0	0	0	0	3	5	0	0	0
3159	2107	0	0	0	0	0	6	0	0	0
3159	2301	0	0	0	0	0	0	2	1	0
3159	3003	0	0	0	0	5	4	1	1	0
3159	3302	0	1	40	12	2	0	0	0	0
4200	0	0	0	0	0	0	1	0	0	0
4207	102	0	0	0	0	0	0	2	0	0
4207	103	0	0	0	0	0	6	0	0	0
4211	101	0	0	0	0	0	1	0	0	0
4401	301	3	0	0	0	0	0	0	0	0
4401	401	3	0	0	0	0	0	0	0	0
4401	5401	1	0	0	0	0	0	0	0	0
4402	201	3	0	0	0	0	0	0	0	0
4602	100	0	0	0	0	2	5	0	0	0
4602	105	0	0	0	0	0	6	0	0	0
4602	301	0	0	0	0	0	0	0	1	0
4702	100	0	0	0	0	0	0	0	0	1
5301	101	0	1	0	0	0	0	0	0	0
5402	500	0	4	4	9	6	0	0	0	0
5402	1001	0	4	0	0	0	0	0	0	0
5418	1	0	0	0	0	0	1	0	0	0
5418	101	0	1	0	0	0	0	0	0	0
5418	2000	0	0	0	0	0	1	1	0	0
5418	2200	0	0	0	0	5	7	2	0	0
5429	0	0	0	1	0	0	0	0	0	0
5429	400	1	0	0	0	0	0	0	0	0
5429	601	0	0	1	0	0	0	0	0	0
5430	102	0	1	0	1	0	0	0	0	0
5434	0	0	0	0	1	0	0	0	0	0
5438	100	0	0	0	0	0	1	0	0	0
5438	401	0	1	0	0	0	0	0	0	0
5447	0	9	0	0	0	0	0	0	0	0
5464	501	0	0	0	0	0	1	0	0	0
5507	0	0	0	0	1	1	2	0	1	0
5507	1400	0	0	0	0	1	0	0	0	0
5513	3	0	0	1	0	0	0	0	0	0
5514	201	0	0	0	0	0	5	0	2	0
5518	201	0	0	0	0	0	0	1	0	0
5534	101	0	1	0	0	0	0	0	0	0
5553	100	1	0	0	0	0	0	0	0	0
5558	2	0	0	0	0	0	0	0	0	1
5558	4	0	0	0	0	0	3	1	0	1
5560	0	0	0	0	0	0	0	1	0	0
5560	292	0	0	0	0	0	1	0	0	0
5569	0	0	2	2	0	0	0	0	0	0
5569	1	0	0	0	0	1	0	0	0	0
5572	601	0	0	0	0	4	6	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5572	701	0	0	1	0	0	2	0	0	0
5573	301	0	0	0	0	0	0	1	0	0
5574	0	0	9	9	2	0	0	0	0	0
5574	401	0	0	6	6	2	0	0	0	0
5574	700	0	15	0	0	0	0	0	0	0
5574	702	0	1	0	0	0	0	0	0	0
5574	703	0	4	0	1	0	0	0	0	0
5580	501	0	5	19	9	2	0	0	0	0
5583	100	0	0	0	0	0	1	0	0	0
5708	0	0	2	0	1	1	2	0	0	0
5802	5000	0	0	0	0	0	1	0	0	0
5806	1	0	0	0	0	0	1	0	0	0
9999	0	5	15	17	5	17	9	8	0	1

TABLE 57. TC8604, replicate 1; Station L15N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2203	0	0	1	0	0	0	0	0	0	0
2211	100	0	0	1	0	2	0	0	0	0
3125	300	0	1	1	9	31	7	0	0	0
3125	302	1	8	16	66	68	6	1	0	0
3126	0	0	0	0	0	0	0	1	0	0
3126	101	0	0	0	0	0	0	0	2	0
3126	102	0	0	0	0	0	0	2	4	0
3126	200	35	166	248	82	24	5	0	0	1
3126	1101	0	1	1	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	0	2
3127	400	0	0	0	0	0	0	0	1	1
3127	1001	0	0	0	0	0	0	0	0	5
3128	0	0	0	0	0	1	0	0	0	0
3131	0	0	0	0	0	1	0	0	0	0
3147	0	0	0	0	1	0	0	0	0	0
3151	101	0	0	0	0	0	0	0	0	2
3152	0	0	0	0	0	13	1	0	0	0
3152	201	0	0	0	0	9	0	0	0	0
3152	400	0	0	0	0	0	1	0	0	0
3152	700	0	2	3	5	0	0	0	0	0
3152	701	0	1	0	0	3	0	0	0	0
3152	901	0	0	0	0	0	0	0	0	1
3153	101	0	0	0	0	0	0	1	1	0
3159	0	20	15	35	35	20	9	0	0	0
3159	101	0	0	1	10	3	10	0	1	0
3159	104	0	0	0	0	0	1	3	5	0
3159	201	0	3	2	0	0	0	0	0	0
3159	302	0	0	0	0	0	1	0	0	0
3159	401	12	75	86	51	26	3	0	0	0
3159	500	22	42	28	47	47	14	1	1	0
3159	1304	0	0	0	2	74	31	11	2	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	1305	0	0	0	0	1	1	7	2	0
3159	1407	4	8	18	1	0	0	0	0	0
3159	1600	0	3	0	2	4	3	2	0	0
3159	1614	0	3	1	1	2	0	0	0	1
3159	1690	0	0	0	0	2	2	3	0	0
3159	1691	0	6	4	21	18	1	0	0	0
3159	1692	0	0	0	0	1	0	0	0	0
3159	1802	0	0	0	0	0	1	1	1	0
3159	2100	0	1	0	0	0	3	0	0	0
3159	2105	0	0	0	1	2	1	0	0	0
3159	2108	0	0	0	0	1	2	0	0	0
3159	2301	0	0	0	0	0	0	2	5	1
3159	3003	0	0	1	0	20	6	2	1	0
3159	3302	1	15	12	11	2	0	0	0	0
3164	0	0	0	0	0	1	3	0	0	0
3164	301	0	0	0	0	4	0	0	0	0
4200	0	0	0	0	0	0	0	2	0	0
4207	100	0	0	0	0	2	3	1	0	0
4207	102	0	0	0	0	0	1	0	0	0
4207	103	0	0	0	0	0	6	0	0	0
4602	100	0	0	1	0	2	0	0	0	0
4602	105	0	0	1	0	9	0	0	0	0
4618	0	0	0	0	0	0	0	0	0	1
4618	400	0	1	0	0	0	0	0	0	0
5201	0	0	0	0	0	1	0	0	0	0
5301	101	0	0	0	1	0	0	0	0	0
5402	500	0	2	4	7	6	0	0	0	0
5402	1001	2	0	0	0	0	0	0	0	0
5418	0	0	0	0	1	0	0	0	0	0
5418	200	0	0	0	0	0	2	0	0	0
5418	2000	0	0	0	0	1	0	0	0	0
5418	2200	0	0	0	1	7	1	0	0	0
5430	100	0	0	1	0	0	0	0	0	0
5430	102	0	1	0	0	0	0	0	0	0
5434	0	1	0	0	0	2	0	0	0	0
5447	0	0	0	2	0	0	0	0	0	0
5453	100	0	0	0	1	0	0	0	0	0
5458	0	0	0	0	0	1	0	0	0	0
5507	0	1	1	0	1	4	0	0	0	0
5507	700	0	0	4	0	1	4	0	0	0
5507	800	0	1	0	0	0	0	0	0	0
5507	1400	0	0	2	0	0	0	0	0	0
5509	0	0	0	0	1	0	0	0	0	0
5509	392	0	0	0	1	0	0	0	0	0
5514	201	0	0	0	2	4	5	0	0	0
5518	201	0	0	0	2	1	0	0	0	0
5525	102	0	0	0	0	0	1	0	0	0
5553	102	0	0	0	1	0	0	0	0	0
5555	0	0	0	0	0	1	0	0	0	0
5558	2	0	0	0	0	1	0	2	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5558	3	0	0	0	0	0	1	0	0	0
5558	4	0	0	0	1	3	1	1	0	0
5560	4	0	0	0	0	1	0	0	0	0
5560	292	0	0	0	1	1	0	0	0	0
5560	802	0	0	0	2	0	0	0	0	0
5560	5301	0	0	0	1	0	0	0	0	0
5569	0	0	1	0	0	2	0	0	0	0
5569	2	0	2	1	0	0	0	0	0	0
5571	101	0	0	0	0	1	0	0	0	0
5572	401	0	1	0	0	0	0	0	0	0
5572	601	0	0	0	1	2	0	0	0	0
5573	301	0	0	0	0	0	1	1	0	0
5574	0	7	12	2	1	0	1	0	0	0
5574	101	0	0	1	0	0	0	0	0	0
5574	401	0	4	3	0	1	0	0	0	0
5574	700	2	9	2	0	0	0	0	0	0
5574	702	0	1	0	0	0	0	0	0	0
5574	703	1	2	0	0	0	0	0	0	0
5580	202	0	0	0	1	0	0	0	0	0
5580	501	0	6	12	9	2	1	0	0	0
5708	0	0	1	2	1	0	0	0	0	0
5708	400	0	2	0	0	0	0	0	0	0
5708	800	0	0	1	0	3	1	1	0	0
5708	802	0	0	0	1	0	1	0	0	0
5806	1	0	0	0	0	2	0	0	0	0
9999	0	12	16	30	21	18	6	1	0	0

TABLE 58. TC8604, replicate 1; Station W2D1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2506	0	0	0	1	0	0	0	0	0
3125	300	0	0	0	0	0	6	10	8
3125	302	0	0	0	0	6	16	14	7
3126	200	0	10	25	79	23	6	7	2
3126	1101	0	1	0	1	0	0	0	0
3147	0	0	0	0	3	1	0	0	0
3149	100	0	2	0	0	0	0	0	0
3152	0	0	0	0	0	0	1	1	0
3152	701	0	0	0	0	0	1	0	0
3159	0	0	0	0	0	9	4	5	2
3159	101	0	2	0	0	2	14	15	224
3159	201	0	8	1	0	0	0	0	0
3159	401	0	2	3	2	0	0	1	0
3159	500	0	0	3	4	18	9	11	3
3159	1304	0	0	0	0	0	0	1	0
3159	1305	0	0	0	0	0	0	1	0
3159	1407	0	1	1	0	0	0	0	0
3159	1614	0	0	0	0	1	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	1691	0	0	0	1	1	2	2	0
3159	2107	0	0	0	0	0	0	0	1
3159	3003	0	0	0	0	1	0	1	0
3164	0	0	0	0	0	1	0	0	0
4401	4902	4	0	0	0	0	0	0	0
4618	0	0	45	2	1	0	0	0	0
4912	403	0	0	0	0	1	0	0	0
5402	500	0	2	2	11	4	1	0	0
5417	0	0	1	1	0	0	0	0	0
5418	0	0	0	0	7	4	0	0	0
5418	1	0	0	0	0	0	1	1	0
5418	101	0	0	0	1	0	0	2	3
5429	0	0	20	24	5	0	1	0	0
5429	400	3	0	0	0	0	0	0	0
5429	600	0	0	0	0	1	0	0	0
5429	701	0	1	0	0	0	0	0	0
5438	401	0	1	0	0	0	0	0	0
5447	0	17	0	0	0	0	0	0	0
5464	1	0	3	0	0	0	0	0	0
5464	200	11	137	1	0	0	0	0	0
5507	0	0	0	0	0	1	0	0	0
5507	700	0	0	0	0	0	0	2	0
5509	391	0	0	0	0	0	0	0	1
5509	392	0	0	0	0	1	2	2	0
5514	201	0	0	0	0	2	1	0	0
5518	201	0	0	4	0	1	0	0	0
5519	0	0	1	0	0	0	0	0	0
5534	400	0	8	3	0	0	0	0	0
5534	601	19	0	0	0	0	0	0	0
5534	800	0	4	0	0	0	0	0	0
5534	8000	2	217	10	1	0	0	0	0
5541	301	1	5	2	0	0	0	0	0
5553	100	0	0	0	2	0	16	6	8
5553	101	1	0	0	1	1	3	4	2
5553	102	3	1	2	21	44	99	64	42
5555	0	0	1	0	0	0	2	0	0
5558	4	0	0	0	1	5	0	2	1
5558	101	1	0	0	0	0	0	0	0
5560	0	0	0	2	1	3	0	0	0
5560	4	0	0	0	1	3	6	1	3
5560	8	0	0	20	88	13	13	3	1
5560	9	0	0	0	1	0	3	0	0
5560	292	0	0	0	0	0	1	0	0
5560	802	0	1	2	11	4	12	9	6
5560	1301	0	0	0	0	0	1	1	0
5560	1701	0	0	0	0	0	2	0	0
5560	5201	0	23	227	1048	575	568	606	168
5560	5301	0	0	0	0	7	33	25	49
5565	101	0	0	2	0	0	0	0	0
5569	1	0	0	0	0	1	0	0	0

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5569	2	0	0	0	1	4	0	1	0
5569	5101	0	1	0	0	0	0	0	0
5574	0	0	17	3	0	0	0	0	0
5574	300	0	2	0	0	3	0	0	0
5574	500	0	0	3	3	0	0	0	0
5574	700	0	5	1	0	0	0	0	0
5574	702	0	2	0	0	0	0	0	0
5574	703	0	8	1	0	0	0	0	0
5708	0	0	0	1	3	0	0	0	0
5802	5000	0	6	0	0	0	0	0	0
5806	1	0	0	0	7	2	1	2	1
9999	0	8	85	126	71	48	23	12	29

TABLE 59. TC8604, replicate 1; Station W2N1

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
2500	0	0	1	0	2	0	0	1	0
2506	0	0	0	1	0	0	0	0	0
2507	101	0	0	0	1	0	0	0	0
3125	300	0	1	0	0	3	12	24	3
3125	301	0	0	0	0	0	0	0	3
3125	302	4	10	25	10	40	61	23	0
3126	200	4	40	38	150	84	16	13	2
3147	0	0	0	0	1	0	0	0	0
3147	101	2	2	4	1	0	0	0	0
3147	300	0	1	3	0	1	0	0	0
3152	0	0	0	0	0	12	13	10	16
3152	201	0	0	0	0	1	0	0	1
3152	400	0	0	0	0	0	0	1	0
3152	803	0	0	0	0	1	0	0	0
3159	0	0	1	0	2	16	17	8	3
3159	101	2	21	95	145	383	2959	559	428
3159	201	0	0	2	4	0	0	0	0
3159	204	0	0	0	0	2	0	0	0
3159	401	0	0	0	26	24	0	0	0
3159	500	0	3	1	1	9	51	5	7
3159	1304	0	0	0	0	0	2	4	3
3159	1305	0	0	0	0	0	0	1	0
3159	1407	0	0	0	3	0	0	0	0
3159	1600	0	0	0	0	0	0	1	0
3159	1614	0	0	0	0	0	0	1	0
3159	1691	0	0	0	0	3	6	1	1
3159	1802	0	0	0	0	0	0	1	3
3159	2100	0	0	0	0	0	3	1	0
3159	2107	0	0	0	1	1	0	0	0
3159	2400	1	0	0	0	0	0	0	0
3159	2402	0	0	0	0	0	1	0	0
3159	3003	0	0	0	0	1	0	2	4

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
3159	3302	0	0	0	0	6	1	1	0
3164	101	0	0	0	0	2	0	0	0
3164	301	0	0	0	0	0	0	1	0
4207	103	0	0	0	0	0	0	0	1
4602	100	0	0	0	1	0	0	0	0
4618	0	2	11	2	1	0	0	0	0
4706	100	0	0	1	0	0	0	0	0
4912	201	0	0	0	0	0	0	1	0
5402	500	0	5	14	14	12	0	0	0
5414	101	0	0	1	0	0	0	0	0
5417	0	0	0	1	2	0	0	0	0
5418	0	0	0	1	9	0	0	0	0
5418	1	1	2	0	3	4	0	0	0
5418	101	0	5	1	1	1	0	0	0
5429	0	12	22	9	10	0	0	0	0
5429	400	1	3	0	0	0	0	0	0
5429	601	0	1	1	1	0	0	0	0
5429	607	1	1	0	0	0	0	0	0
5429	801	0	0	0	1	0	0	0	0
5447	0	0	21	136	11	0	0	0	0
5457	0	0	0	0	1	0	0	0	0
5458	0	0	1	0	0	0	0	0	0
5464	0	2	4	10	16	0	0	0	0
5464	1	0	1	0	0	0	0	0	0
5464	200	0	7	2	9	0	0	0	0
5507	0	0	2	0	2	1	3	0	0
5507	8	0	0	2	1	0	0	0	0
5507	700	0	0	0	0	0	2	0	0
5509	391	1	2	2	4	2	2	1	0
5509	392	0	4	8	8	1	7	1	0
5514	201	0	0	0	1	1	1	4	1
5518	101	0	0	0	1	0	0	0	0
5518	201	1	3	0	1	0	0	0	0
5525	102	0	0	0	0	0	0	1	0
5534	601	0	0	0	2	0	0	0	0
5534	800	1	0	2	0	0	0	0	0
5534	8000	11	29	29	11	5	1	0	0
5541	301	1	40	17	14	10	2	2	1
5553	100	3	4	5	10	4	2	3	0
5553	101	1	38	14	36	8	21	1	0
5553	102	27	59	25	86	59	70	23	1
5555	0	0	2	0	0	0	0	0	0
5558	4	0	0	0	0	2	0	4	3
5558	6	0	0	0	0	0	1	0	0
5560	0	5	8	2	22	18	29	19	6
5560	1	0	0	0	0	1	0	1	0
5560	4	0	1	5	6	3	20	12	10
5560	8	43	27	18	126	26	33	12	4
5560	9	0	1	0	0	1	4	3	0
5560	291	0	1	26	10	10	5	4	2

		Depth Stratum (m)							
Family	Species	0-0.5	0-10	10-20	20-30	30-40	40-50	50-60	60-80
5560	802	7	25	26	54	13	4	2	0
5560	1301	0	1	1	1	3	0	0	0
5560	1701	4	37	33	15	45	205	40	12
5560	5201	225	1454	1732	3204	1813	1943	677	316
5560	5301	1	101	336	292	236	284	92	37
5565	101	2	0	0	0	0	0	0	0
5569	0	2	3	3	1	0	0	0	0
5569	2	0	1	0	1	7	1	0	0
5574	0	4	28	0	2	0	0	0	0
5574	700	0	0	1	0	0	0	0	0
5574	703	0	0	3	2	0	0	0	0
5580	501	1	0	0	0	1	0	0	1
5708	802	3	0	0	0	0	0	0	0
5802	5000	0	6	0	0	0	0	0	0
5806	1	6	4	8	8	1	1	0	0
5806	2	0	0	0	0	0	0	1	1
9999	0	56	168	78	188	63	82	34	5

TABLE 60. TC8604, replicate 1; Station W5D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	0	11	7	0	0	0
3125	302	0	1	0	2	41	40	2	0	0
3125	900	0	0	0	0	0	0	1	0	0
3126	102	0	0	0	0	0	0	1	0	0
3126	200	0	110	87	23	4	2	0	0	1
3127	100	0	0	0	0	0	0	0	3	1
3134	101	0	0	0	0	0	0	0	1	0
3147	101	0	2	0	0	0	0	0	0	0
3149	100	0	1	0	0	0	0	0	0	0
3152	0	0	0	0	0	8	31	0	0	0
3152	201	0	0	0	0	0	1	0	0	0
3152	700	0	0	0	0	0	4	0	0	0
3152	901	0	0	0	0	0	0	0	1	0
3159	0	6	25	6	4	14	12	2	0	0
3159	101	0	2	0	0	20	77	14	2	0
3159	104	0	0	0	0	0	0	2	0	0
3159	201	0	3	0	0	0	0	0	0	0
3159	401	0	80	112	2	0	0	0	0	0
3159	500	0	11	17	12	46	16	2	0	0
3159	1304	0	0	1	0	7	7	0	0	0
3159	1305	0	0	0	0	4	9	1	0	0
3159	1404	0	29	4	0	0	0	0	0	0
3159	1600	0	0	0	0	0	1	0	0	0
3159	1614	0	0	2	1	0	0	0	0	0
3159	1691	0	0	0	1	5	14	0	0	0
3159	1692	0	0	0	0	2	0	0	0	0
3159	1802	0	0	0	0	1	0	1	0	0
3159	2100	0	0	0	0	6	6	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	2105	0	0	0	0	0	4	1	0	0
3159	2108	0	0	0	0	0	2	0	0	0
3159	2402	0	0	0	0	0	1	0	0	0
3159	3003	0	0	0	0	3	2	1	0	0
3159	3302	0	2	13	2	0	0	0	0	0
3164	301	0	0	0	0	1	0	0	0	0
4207	103	0	0	0	0	1	0	0	0	0
4401	4901	1	0	0	0	0	0	0	0	0
4401	4902	2	0	0	0	0	0	0	0	0
4401	4903	2	0	0	0	0	0	0	0	0
4401	4905	3	0	0	0	0	0	0	0	0
4602	100	0	1	0	0	3	0	2	0	0
4602	105	0	0	0	0	0	1	0	0	0
4618	0	0	10	0	0	0	0	0	0	0
4618	400	0	1	0	0	0	0	0	0	0
5402	500	0	25	13	2	0	0	0	0	0
5417	0	0	2	0	0	0	0	0	0	0
5418	0	0	5	0	0	0	0	0	0	0
5418	1	0	0	0	0	0	1	0	0	0
5418	2000	0	0	0	0	0	1	0	0	0
5418	2200	0	0	0	0	1	0	0	0	0
5429	0	2	80	65	0	0	0	0	0	0
5429	601	0	1	0	0	0	0	0	0	0
5429	607	0	3	1	0	0	0	0	0	0
5438	700	0	3	0	0	0	0	0	0	0
5447	0	7	7	0	0	0	0	0	0	0
5457	791	0	3	0	0	0	0	0	0	0
5507	0	0	3	1	2	3	0	0	0	0
5507	700	0	0	0	0	0	0	0	1	0
5514	201	0	1	0	0	6	6	0	0	0
5517	101	0	0	0	0	1	0	0	0	0
5518	101	1	0	0	0	0	0	0	0	0
5518	201	0	0	3	0	0	0	0	0	0
5519	0	0	2	3	0	0	0	0	0	0
5534	400	0	7	0	0	0	0	0	0	0
5534	8000	0	24	4	0	0	0	0	0	0
5555	0	2	0	0	2	2	0	0	0	0
5558	2	0	0	0	0	0	0	0	1	0
5558	4	0	0	0	0	3	0	1	0	0
5560	4	0	0	0	0	0	2	1	0	0
5560	9	0	0	0	0	2	0	0	0	0
5560	291	0	0	0	0	2	0	0	0	0
5560	5201	0	0	0	0	1	3	0	0	0
5560	5301	0	0	0	0	0	1	2	0	0
5569	0	0	14	1	2	1	0	0	0	0
5569	2	0	1	0	6	0	0	0	0	0
5569	5101	1	1	0	0	0	0	0	0	0
5572	601	0	0	0	2	2	0	0	0	0
5573	301	0	0	0	0	0	0	1	0	0
5574	0	0	13	1	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5574	300	0	1	0	0	0	0	0	0	0
5574	401	0	1	2	0	0	0	0	0	0
5574	703	0	8	0	0	0	0	0	0	0
5580	501	0	0	2	3	0	0	0	0	0
5708	0	0	0	3	6	2	0	0	0	0
5708	800	0	0	0	0	1	1	0	0	0
5708	802	0	0	0	0	0	1	0	0	0
5802	0	0	3	0	0	0	0	0	0	0
5802	5000	0	19	1	0	0	0	0	0	0
5806	1	0	0	0	1	0	0	0	0	0
5806	2	0	1	0	2	0	0	0	0	0
9999	0	56	163	31	13	31	10	1	1	3

TABLE 61. TC8604, replicate 1; Station W5N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	6	10	0	1	1	0
3125	301	0	0	0	0	0	0	0	2	0
3125	302	0	11	17	154	52	4	1	0	0
3125	900	0	0	0	0	0	0	2	0	0
3126	101	0	0	0	0	0	0	3	1	0
3126	102	0	0	0	0	0	0	2	0	0
3126	200	43	68	78	95	16	2	0	0	0
3126	1101	0	0	1	0	0	0	0	0	0
3127	100	0	0	0	0	0	0	0	2	3
3127	400	0	0	0	0	0	0	0	0	1
3128	0	0	0	0	0	1	0	0	0	0
3147	101	7	1	2	0	0	0	0	0	0
3147	300	0	0	0	0	0	1	0	0	0
3152	0	0	0	0	0	10	3	0	0	0
3152	301	0	0	0	1	0	0	0	0	0
3152	400	0	0	0	0	0	1	0	0	0
3152	700	0	1	0	0	2	0	0	0	0
3152	701	0	1	1	2	2	0	0	0	0
3152	800	0	0	0	0	1	2	1	0	0
3152	901	0	0	0	0	0	0	0	1	0
3154	102	0	0	0	0	0	1	0	0	0
3159	0	0	1	6	26	5	1	0	0	0
3159	101	0	0	0	1	42	5	1	0	0
3159	104	0	1	0	0	2	0	2	1	0
3159	201	0	15	23	7	0	0	0	0	0
3159	302	0	0	0	0	0	1	0	0	0
3159	401	9	8	31	89	4	0	0	0	0
3159	500	3	11	61	104	107	9	2	1	0
3159	1304	0	2	0	0	28	8	2	0	0
3159	1305	0	0	0	0	13	4	0	0	0
3159	1404	0	1	0	0	0	0	0	0	0
3159	1407	2	2	7	6	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	1600	0	0	1	1	2	0	0	0	0
3159	1614	0	0	1	5	4	0	0	0	0
3159	1690	0	0	0	0	1	0	0	0	0
3159	1691	0	0	1	8	14	2	1	0	0
3159	1692	0	0	0	0	2	0	0	0	0
3159	1802	0	0	0	1	3	0	0	0	0
3159	2100	0	0	0	2	0	0	0	0	0
3159	2105	0	0	0	4	7	1	0	0	0
3159	2107	0	0	0	1	4	0	0	0	0
3159	2108	0	0	0	1	0	0	0	0	0
3159	2109	0	0	0	0	2	0	0	0	0
3159	2301	0	0	0	0	2	1	3	0	0
3159	3003	0	0	0	1	5	2	1	0	0
3159	3302	0	1	0	5	4	0	0	0	0
3164	101	0	0	0	0	0	1	0	0	0
3164	202	0	0	0	0	1	0	0	0	0
3164	301	0	0	0	0	0	1	0	0	0
4200	0	0	0	0	0	0	0	1	0	0
4207	100	0	0	0	0	2	0	0	0	0
4207	103	0	0	0	0	0	1	1	0	0
4602	100	0	0	0	0	3	0	0	0	0
4602	105	0	0	0	0	1	0	0	0	0
4602	301	0	0	0	1	0	0	2	0	0
4618	0	2	10	21	0	0	0	0	0	0
4618	400	0	3	1	0	0	0	0	0	0
5201	0	0	0	1	0	2	0	0	0	0
5402	500	5	4	2	5	2	0	0	0	0
5417	0	0	2	0	0	0	0	0	0	0
5418	101	0	1	4	0	0	0	0	0	0
5429	0	14	9	4	2	0	0	0	0	0
5429	400	0	1	0	0	0	0	0	0	0
5429	601	0	1	2	0	0	0	0	0	0
5429	607	6	0	2	1	0	0	0	0	0
5429	701	0	1	0	0	0	0	0	0	0
5430	102	0	1	0	0	0	0	0	0	0
5438	700	0	4	0	1	0	0	0	0	0
5438	705	0	1	0	0	0	0	0	0	0
5447	0	0	15	4	0	0	0	0	0	0
5458	0	0	2	0	0	1	0	0	0	0
5464	1	0	1	0	0	0	0	0	0	0
5464	200	2	0	2	0	0	0	0	0	0
5507	0	1	0	0	1	0	0	0	0	0
5507	15	0	1	0	0	0	0	0	0	0
5507	700	0	0	0	0	0	1	0	0	0
5507	800	0	0	0	0	1	0	0	0	0
5507	9000	0	1	0	0	0	0	0	0	0
5509	0	1	0	0	6	0	0	0	0	0
5514	201	0	0	0	0	8	2	1	0	0
5518	201	0	2	1	1	4	0	0	0	0
5519	0	11	0	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5525	102	0	0	0	0	1	0	0	0	0
5534	400	0	1	0	0	0	0	0	0	0
5534	800	1	0	0	0	0	0	0	0	0
5534	8000	12	7	7	0	0	0	0	0	0
5553	101	0	0	0	0	0	0	1	0	0
5553	102	0	0	0	0	1	0	0	0	0
5555	0	0	0	0	0	4	0	0	0	0
5558	2	0	0	0	0	0	1	1	0	0
5558	4	0	0	0	0	14	0	0	0	1
5560	0	0	0	0	0	2	0	0	0	0
5560	4	0	0	0	0	0	1	0	0	0
5560	9	0	0	0	1	0	0	0	0	0
5560	291	0	0	0	1	0	0	0	0	0
5560	5201	0	0	0	0	0	1	0	0	0
5560	5301	0	0	0	0	0	2	1	1	0
5565	101	0	1	0	0	0	0	0	0	0
5569	0	1	3	2	2	0	0	0	0	0
5569	1	0	0	0	1	0	0	0	0	0
5569	2	0	0	0	1	4	0	0	0	0
5569	5101	0	1	0	0	0	0	0	0	0
5574	0	7	15	4	0	0	0	0	0	0
5574	300	0	1	3	0	0	0	0	0	0
5574	401	0	1	0	0	0	0	0	0	0
5574	700	0	0	4	0	0	0	0	0	0
5574	703	0	2	3	0	0	0	0	0	0
5580	501	0	2	6	3	1	0	0	0	0
5708	0	1	0	0	2	6	0	0	0	0
5708	400	0	0	1	0	0	0	0	0	0
5708	800	0	0	0	0	1	0	0	0	0
5708	802	0	0	2	0	0	0	1	1	0
5802	0	2	1	3	0	0	0	0	0	0
5802	5000	1	4	1	2	0	0	0	0	0
5806	2	1	0	1	0	0	0	0	0	0
9999	0	299	73	19	30	12	3	3	0	0

TABLE 62. TC8604, replicate 1; Station W15D1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3125	300	0	0	0	1	11	0	0	0	0
3125	302	0	0	3	63	46	4	2	0	0
3125	900	0	0	0	0	0	0	0	1	0
3126	101	0	0	0	0	0	0	1	4	1
3126	102	0	0	0	0	0	0	1	2	0
3126	200	0	27	69	69	17	4	0	0	0
3127	100	0	0	0	0	0	0	0	0	1
3127	1001	0	0	0	0	0	0	0	0	2
3128	0	0	0	0	0	0	0	0	3	0
3149	100	0	2	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3151	100	0	0	0	0	0	0	0	1	0
3152	0	0	0	0	0	0	0	1	0	0
3152	201	0	0	0	0	0	0	1	0	0
3152	401	0	0	0	0	0	0	1	0	0
3152	701	0	0	0	0	0	0	0	1	0
3159	0	0	6	5	5	8	2	0	0	0
3159	104	0	0	0	0	0	0	8	3	1
3159	302	0	0	0	0	0	0	0	1	0
3159	401	0	20	26	16	16	2	0	0	0
3159	500	0	3	12	36	35	6	2	2	0
3159	1304	0	0	0	4	18	10	12	1	1
3159	1305	0	0	0	0	6	2	1	0	0
3159	1407	0	9	8	3	0	0	0	0	0
3159	1600	0	0	1	5	1	0	0	0	0
3159	1614	0	1	0	1	1	0	1	0	0
3159	1691	0	0	0	0	0	4	0	0	0
3159	1692	0	0	0	0	1	0	0	1	0
3159	2100	0	0	1	0	0	0	0	0	0
3159	2105	0	0	0	0	1	7	2	0	1
3159	2107	0	0	0	1	8	1	0	0	0
3159	2108	0	0	0	0	0	1	0	0	0
3159	2301	0	0	0	0	0	1	10	3	0
3159	3003	0	0	0	0	5	4	2	0	1
3159	3302	0	2	6	6	1	0	0	0	0
3164	0	0	0	0	1	0	0	0	0	0
3164	301	0	0	0	0	0	1	0	0	0
4200	0	0	0	0	0	0	2	0	0	0
4207	100	0	0	0	0	0	1	0	0	0
4207	102	0	0	0	0	0	0	2	0	0
4602	100	0	0	0	0	2	0	1	0	0
4602	105	0	0	0	0	1	0	0	0	0
4602	301	0	0	0	0	0	0	0	1	0
4618	0	0	11	0	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	2
5402	500	0	13	1	0	0	0	0	0	0
5417	0	0	1	0	0	0	0	0	0	0
5418	1	0	0	0	0	1	0	0	0	0
5418	101	0	1	1	0	0	0	0	0	0
5418	2200	0	0	0	0	1	0	0	0	0
5429	0	0	44	11	0	0	0	0	0	0
5429	601	0	0	1	3	0	0	0	0	0
5429	607	0	18	0	5	2	0	0	0	0
5438	700	0	3	0	0	0	0	0	0	0
5447	0	15	1	0	0	0	0	0	0	0
5457	0	0	1	0	0	0	0	0	0	0
5464	200	0	1	0	0	0	0	0	0	0
5560	5201	0	0	1	0	0	0	0	0	0
5560	5500	0	10	2	0	0	0	0	0	0
5569	0	0	8	0	0	0	0	0	0	0
5569	5101	0	1	0	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5572	601	0	0	0	0	1	0	0	0	0
5573	301	0	0	0	0	0	0	1	2	0
5574	0	0	9	1	0	0	0	0	0	0
5574	700	0	1	0	0	0	0	0	0	0
5580	501	0	3	2	1	0	0	0	0	0
5708	800	0	0	0	0	0	1	0	0	0
5802	0	0	5	0	0	0	0	0	0	0
5802	5000	0	2	0	0	4	0	0	0	0
9999	0	3	56	20	11	3	1	0	3	1

TABLE 63. TC8604, replicate 1; Station W15N1

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
2200	0	0	0	0	1	0	0	0	0	0
3116	101	0	0	0	0	0	0	0	0	1
3125	300	0	0	5	27	1	5	15	0	0
3125	301	0	0	0	0	0	3	9	1	0
3125	302	2	14	75	78	5	0	1	0	0
3125	900	0	0	0	0	0	0	0	2	0
3126	101	0	0	0	0	0	5	7	3	0
3126	102	0	0	0	0	0	1	12	0	0
3126	200	15	16	260	64	21	1	0	0	0
3126	1201	0	0	0	0	0	0	0	0	1
3127	0	0	0	0	0	0	0	0	0	1
3127	100	0	0	0	0	0	0	0	0	2
3127	400	0	0	0	0	0	0	0	3	1
3127	1001	0	0	0	0	0	0	0	1	2
3129	101	0	0	0	0	1	0	0	0	1
3134	101	0	0	0	0	0	1	0	0	0
3149	100	1	1	0	0	0	0	0	0	0
3151	100	0	0	0	0	0	0	0	3	0
3152	0	0	0	0	3	3	0	0	0	0
3152	201	0	0	1	0	0	0	0	0	0
3152	301	0	0	1	0	0	0	0	0	0
3152	400	0	0	0	0	0	1	0	0	0
3152	701	1	1	1	2	0	0	0	0	0
3159	0	0	0	53	22	8	4	0	0	0
3159	101	0	0	0	2	0	0	0	6	0
3159	104	0	1	0	0	0	5	30	0	1
3159	201	1	5	1	0	1	0	0	0	0
3159	401	5	15	62	11	6	0	0	0	0
3159	500	7	17	91	131	10	0	0	0	0
3159	601	0	0	0	0	0	0	0	1	0
3159	1304	1	1	3	102	35	0	0	0	0
3159	1305	0	0	0	16	18	4	1	0	0
3159	1407	6	1	5	1	1	0	0	0	0
3159	1600	0	0	0	3	0	0	0	0	0
3159	1614	1	0	18	11	5	1	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
3159	1690	0	0	0	2	1	0	1	0	0
3159	1691	0	0	12	7	2	0	0	0	0
3159	1802	0	1	1	7	3	2	0	0	0
3159	2100	0	0	4	0	0	0	0	0	0
3159	2105	0	0	0	24	1	0	0	0	0
3159	2107	0	1	2	15	3	0	0	0	0
3159	2301	0	0	0	0	1	9	12	1	0
3159	3003	0	0	2	44	7	1	0	0	0
3159	3302	0	0	10	7	3	0	0	0	0
3164	101	0	0	6	4	0	0	0	0	0
3164	301	0	0	0	2	0	0	0	0	0
4107	0	0	0	0	0	0	0	0	1	0
4200	0	0	0	0	0	0	5	1	0	0
4207	103	0	0	0	0	1	0	0	1	0
4602	100	1	0	0	2	0	0	0	0	0
4602	105	0	0	0	2	0	0	0	0	0
4602	301	0	0	0	0	0	0	3	0	0
4602	401	0	0	0	0	0	0	1	0	0
4618	0	3	4	5	0	0	0	0	0	0
4702	100	0	0	0	0	0	0	0	0	3
5201	0	0	0	0	0	1	0	0	0	0
5402	500	4	1	20	0	0	0	0	0	0
5402	1001	0	0	0	0	2	0	0	0	0
5417	0	1	0	0	0	0	0	0	0	0
5418	0	0	0	2	1	0	0	0	0	0
5418	1	0	0	4	0	0	0	0	0	0
5418	101	1	0	1	0	0	0	0	0	0
5418	2200	0	0	0	2	0	0	0	0	0
5429	0	21	3	37	0	0	0	0	0	0
5429	601	0	0	1	0	0	0	0	0	0
5429	607	5	9	28	0	0	0	0	0	0
5438	700	3	0	1	0	0	0	0	0	0
5438	705	0	0	1	0	0	0	0	0	0
5443	101	0	0	1	0	0	0	0	0	0
5464	1	0	1	0	0	0	0	0	0	0
5464	200	0	0	3	0	0	0	0	0	0
5466	0	0	0	2	0	0	0	0	0	0
5507	0	0	0	3	1	1	0	0	0	0
5507	8	0	0	1	0	0	0	0	0	0
5509	391	0	0	0	0	1	0	0	0	0
5518	101	0	0	0	1	0	0	0	0	0
5518	201	0	1	1	0	0	0	0	0	0
5519	0	0	0	1	0	0	0	0	0	0
5534	800	0	0	0	1	0	0	0	0	0
5534	8000	1	0	1	0	0	0	0	0	0
5555	0	0	0	0	1	1	0	0	0	0
5558	2	0	0	0	0	1	1	0	0	0
5558	3	0	0	0	1	0	0	0	0	0
5560	9	0	0	0	2	0	0	0	0	0
5560	5500	0	0	14	0	0	0	0	0	0

		Depth stratum (m)								
Family	Species	0-0.5	0-20	20-40	40-60	60-80	80-100	100-120	120-160	160-200
5565	101	0	0	3	0	0	0	0	0	0
5569	0	0	0	3	1	0	0	0	0	0
5569	1	0	0	1	0	0	0	0	0	0
5573	301	0	0	0	0	0	1	1	0	0
5574	0	5	1	0	0	0	0	0	0	0
5574	300	0	0	1	0	0	0	0	0	0
5574	401	0	0	1	0	0	0	0	0	0
5580	501	0	0	4	1	0	0	0	0	0
5708	0	0	0	7	8	0	0	0	0	0
5708	400	1	1	0	0	0	0	0	0	0
5708	800	0	0	0	1	2	0	1	0	0
5708	802	0	0	0	0	1	1	0	0	0
5802	0	1	0	3	0	0	0	0	0	0
5802	5000	2	1	4	14	4	0	0	0	0
9999	0	7	18	52	69	16	5	7	8	1

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