

LIST OF STATIONS AND OF SPECIES COLLECTED AT EACH STATION.

- Station 3810. Depth 211 to 53 fathoms. Bottom fine. co. S.  
*Læmonema rhodochir*, *Haliutæa retifera*.
- Station 3813. Depth 183 to 264 fathoms. Bottom co. S. lav. Sp. Sh.  
*Leptocephalus æquoreus*, *Chrionema chryseres*.
- Station 3824. Depth 222 to 498 fathoms. Bottom co. R. brk. sh.  
*Etmopterus villosus*, *Neoscopelus macrolepidotus*, *Mateocephalus acipenserinus*.
- Station 3832. Depth 154 to 142 fathoms. Bottom br. M. S.  
*Pæcilopsetta hawaiiensis*, *Tæniopsetta radula*, *Anticitharus debilis*.
- Station 3834. Surface tow.  
*Diaphus chrysorhynchus*.
- Station 3836. Depth 238 to 255 fathoms. Bottom br. gy. M. S.  
*Promyllantor alcocki*.
- Station 3839. Depth 259 to 266 fathoms. Bottom lt. br. M. S.  
*Peristedion hians*, *Pelecanichthys crumenalis*, *Malthopsis mitrigera*.
- Station 3842. Depth 495 to 506 fathoms. Bottom fine. br. S. M. R.  
*Macrourus gibber*.
- Station 3846. Depth 64 to 60 fathoms. Bottom crs. br. S. Sh. G.  
*Engyprosopon xenandrus*, *Haliutæa retifera*.
- Station 3847. Depth 23 to 24 fathoms. Bottom S. St.  
*Uropterygius marmoratus*, *Ichthyocampus erythreus*, *Foa brachygramma*, *Holacanthus fisheri*,  
*Callionymus rubrovinctus*, *Calliurichthys decoratus*.
- Station 3848. Depth 44 to 73 fathoms. Bottom S. G.  
*Engyprosopon xenandrus*.
- Station 3849. Depth 73 to 43 fathoms. Bottom crs. S. brk. Sh. Co.  
*Synodus varius*, *Foa brachygramma*, *Sebastapistes coloratus*, *Scorpenopsis altostris*, *Tænianotus citrinellus*, *Dendrochirus hudsoni*, *Ostracion galeodon*, *Osurus schauinslandi*, *Samariscus corallinus*, *Engyprosopon xenandrus*.
- Station 3850. Depth 43 to 66 fathoms. Bottom crs. S. brk. Sh. Co.  
*Uropterygius marmoratus*, *Synodus varius*, *Trachinocephalus myops*, *Canthigaster cinctus*,  
*Sebastapistes coloratus*, *Ostracion galeodon*, *Osurus schauinslandi*, *Engyprosopon xenandrus*.
- Station 3853. Depth 115 to 134 fathoms. Bottom crs. S. Sh.  
*Tæniopsetta radula*, *Malthopsis jordani*.
- Station 3855. Depth 130 to 127 fathoms. Bottom fine. br. S. G.  
*Haliutæa retifera*.
- Station 3856. Depth 127 fathoms. Bottom fine. S. yl. M.  
*Haliutæa retifera*.
- Station 3857. Depth 127 to 128 fathoms. Bottom fine S. yl. M.  
*Callionymus cæruleonotatus*, *Tæniopsetta radula*.
- Station 3858. Depth 128 to 138 fathoms. Bottom fine. S. gy. M.  
*Antigonia eos*, *Hoplichthys citrinus*, *Callionymus cæruleonotatus*, *Pæcilopsetta hawaiiensis*,  
*Tæniopsetta radula*, *Haliutæa retifera*.
- Station 3859. Depth 138-140 fathoms. Bottom fine. S. M.  
*Bembradium roseum*, *Hoplichthys citrinus*, *Tæniopsetta radula*, *Platophrys mancus*, *Platophrys coarctatus*, *Malthopsis jordani*.

- Station 3861. Depth 30 to 52 fathoms. Bottom fine. S. sm. P. Co.  
*Calliurichthys decoratus*, *Engyprosopon xenandrus*.
- Station 3865. Depth 256 to 283 fathoms. Bottom fine. vol. S. R.  
*Setarches remiger*, *Chalinura ctenomelas*, *Hymenocephalus antræus*, *Pelecanichthys crumenalis*,  
*Malthopsis mitrigeria*.
- Station 3866. Depth 283 to 284 fathoms. Bottom gy. M. fine. S.  
*Pelecanichthys crumenalis*.
- Station 3867. Depth 284 to 290 fathoms. Bottom fine. S. M.  
*Promyllantor alcocki*, *Chlorophthalmus prridens*, *Polyipnus nuttingi*, *Synagrops argyrea*, *Hynodus atherinoides*, *Stethopristes eos*, *Setarches remiger*, *Peristedion hians*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Malacocephalus hawaiiensis*, *Pelecanichthys crumenalis*, *Malthopsis mitrigeria*.
- Station 3868. Depth 294 to 684 fathoms. Bottom fine. gy. S. R.  
*Ateleopus plicatellus*, *Malacocephalus hawaiiensis*.
- Station 3872. Depth 43 to 32 fathoms. Bottom yl. S. P. Co.  
*Uropterygius marmoratus*, *mionorus waikiki*, *Foa brachygramma*, *Holacanthus fisheri*, *Ostracion galeodon*, *Peloropsis xenops*, *Fierasfer microdon*, *Antennarius diæscus*.
- Station 3873. Depth 32 to 37 fathoms. Bottom Co. P.  
*Fo brachygramma*, *Pseudocheilinus evanidus*, *Holacanthus fisheri*, *Osurus schauinslandi*, *Callionymus corallinus*.
- Station 3874. Depth 21 to 28 fathoms. Bottom S. P. Sh.  
*Sphagebranchus flavicaudus*, *Uropterygius leucurus*.
- Station 3875. Depth 65 to 34 fathoms. Bottom fine. gy. S.  
*Synodus varius*, *Fo brachygramma*, *Amia maculifera*, *Chromis leucurus*, *Platophrys mancus*, *Engyprosopon xenandrus*.
- Station 3876. Depth 28 to 43 fathoms. Bottom S. G.  
*Uropterygius marmoratus*, *mionorus waikiki*, *Fo brachygramma*, *Cirrhilabrus jordani*, *Pseudocheilinus evanidus*, *Holacanthus fisheri*, *Osurus schauinslandi*, *Callionymus rubrovinctus*.
- Station 3878. Surface tow.  
*Myctophum margaritatum*, *Myctophum braueri*, *Myctophum evermanni*, *Dasyscopelus spinosus*,  
*Dasyscopelus pristilepis*.
- Station 3883. Depth 277 to 284 fathoms. Bottom glob. Oz.  
*Leptocephalus æquoreus*, *Promyllantor alcocki*, *Setarches remiger*, *Hymenocephalus antræus*,  
*Malthopsis mitrigeria*.
- Station 3884. Depth 284 to 290 fathoms. Bottom glob. M.  
*Setarches remiger*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*,  
*Malacocephalus hawaiiensis*, *Pelecanichthys crumenalis*.
- Station 3885. Depth 136 to 148 fathoms. Bottom S. P.  
*Chaunax umbrinus*.
- Station 3887. Depth 552 to 809 fathoms. Bottom glob. M.  
*Halosauropsis kauaiensis*.
- Station 3888. Depth 809 fathoms. Bottom fine. yl. S. Glob.  
*Sternoptyx diaphana*.
- Station 3889. Surface tow.  
*Myctophum fibulatum*, *Dasyscopelus pristilepis*.
- Station 3892. Depth 328 to 414 fathoms. Bottom fine. gy. S.  
*Neoscopelus macrolepidotus*, *Hymenocephalus aterrimus*.
- Station 3898. Depth 258 to 284 fathoms. Bottom br. glob. M. fine. S.  
*Setarches remiger*, *Hymenocephalus antræus*.
- Station 3899. Depth 284 to 283 fathoms. Bottom br. glob. M. fine. S.  
*Myctophum fibulatum*, *Lestidium nudum*, *Setarches remiger*.
- Station 3900. Depth 283 to 280 fathoms. Bottom br. glob. M. fine. S.  
*Promyllantor alcocki*, *Chlorophthalmus prridens*.
- Station 3904. Depth 295 fathoms. Bottom br. M. S. R.  
*Sternoptyx diaphana*, *Hymenocephalus aterrimus*.

- Station 3907. Depth 315 to 304 fathoms. Bottom fine wh. S. M.  
*Hymenocephalus antræus*, *Malacocephalus hawaiiensis*, *Pelecanichthys crumenalis*.
- Station 3908. Depth 304 to 308 fathoms. Bottom fine wh. S. M.  
*Chalinura ctenomelas*, *Hymenocephalus antræus*, *Pelecanichthys crumenalis*.
- Station 3909. Depth 308 to 322 fathoms. Bottom fine wh. S. M.  
*Hymenocephalus antræus*, *Macrourus holocentrus*, *Pelecanichthys crumenalis*.
- Station 3910. Depth 311 to 337 fathoms. Bottom fine gy. S. M.  
*Serrivomer beanii*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Coelorrhynchus aratrum*, *Mateocephalus acipenserinus*, *Pelecanichthys crumenalis*.
- Station 3911. Depth 337 to 334 fathoms. Bottom fine gy. S. M.  
*Peristedion hians*, *Hymenocephalus antræus*, *Chalinura ctenomelas*, *Mateocephalus acipenserinus*, *Pelecanichthys crumenalis*.
- Station 3912. Depth 334 to 310 fathoms. Bottom fine gy. S. M.  
*Promyllantor alcocki*, *Peristedion hians*, *Optonurus atherodon*, *Hymenocephalus antræus*.
- Station 3913. Surface tow.  
*Centrobranchus chærocephalus*, *Dasyscopelus pristilepis*.
- Station 3914. Depth 289 to 292 fathoms. Bottom gy. S. M.  
*Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Coelorrhynchus aratrum*, *Malthopsis mitrigeria*.
- Station 3916. Depth 299 to 330 fathoms. Bottom gy. S. M.  
*Chalinura ctenomelas*, *Hymenocephalus antræus*.
- Station 3917. Depth 330 to 294 fathoms. Bottom gy. S. M.  
*Sternoptyx diaphana*, *Peristedion hians*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Macrourus burragei*, *Mateocephalus acipenserinus*, *Malthopsis mitrigeria*.
- Station 3918. Depth 294 to 257 fathoms. Bottom wh. S. M.  
*Ateleopus plicatellus*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Malthopsis mitrigeria*.
- Station 3919. Depth 257 to 220 fathoms. Bottom gy. S.  
*Peristedion hians*, *Peristedion engelceros*.
- Station 3920. Depth 280 to 265 fathoms. Bottom gy. S. brk. Sh.  
*Chlorophthalmus proridens*, *Diaphus adenomus*, *Polyipnus nuttingi*, *Chlorophthalmus proridens*, *Synagrops argyrea*, *Peristedion hians*, *Peristedion engelceros*, *Chalinura ctenomelas*, *Hymenocephalus striatulus*, *Malacocephalus hawaiiensis*, *Pelecanichthys crumenalis*, *Symphurus strictus*.
- Station 3621. Depth 13 fathoms. Surface tow and dip nets, night anchorage off Honolulu. Bottom co. S. brk. Sh.  
*Diaphus chrysorhynchus*.
- Station 3925. Depth 323 to 299 fathoms. Bottom fine gy. S. M. R.  
*Setarches reniger*, *Hymenocephalus antræus*, *Macrourus hebetatus*, *Malacocephalus hawaiiensis*.
- Station 3926. Surface tow.  
*Centrobranchus chærocephalus*, *Centrobranchus gracilicaudus*, *Myctophum margaritatum*, *Myctophum evermanni*, *Dasyscopelus spinosus*, *Dasyscopelus pristilepis*.
- Station 3927. Surface tow.  
*Centrobranchus chærocephalus*, *Centrobranchus gracilicaudus*, *Myctophum margaritatum*, *Myctophum braueri*, *Myctophum evermanni*, *Dasyscopelus spinosus*, *Dasyscopelus pristilepis*.
- Station 3929. Surface tow.  
*Centrobranchus chærocephalus*, *Centrobranchus gracilicaudus*, *Myctophum margaritatum*, *Dasyscopelus pristilepis*.
- Station 3930. Surface tow.  
*Centrobranchus chærocephalus*, *Centrobranchus gracilicaudus*, *Myctophum margaritatum*, *Dasyscopelus spinosus*, *Dasyscopelus pristilepis*.
- Station 3931. Surface tow.  
*Myctophum margaritatum*, *Myctophum evermanni*.
- Station 3932. Surface tow.  
*Centrobranchus chærocephalus*, *Myctophum margaritatum*, *Myctophum evermanni*.

- Station 3938. Depth 148 to 163 fathoms. Bottom wh. S. brk. Sh.  
*Peristedion engyceros*, *Platophrys coarctatus*, *Malthopsis jordani*.
- Station 3939. Depth 163 to 59 fathoms. Bottom wh. S. brk. Sh. R.  
*Aracana spilonota*.
- Station 3940. Depth 59 to 70 fathoms. Bottom wh. S. brk. Sh.  
*Macrorhamphosus hawaiiensis*, *Platophrys mancus*, *Engyprosopon xenandrus*.
- Station 3941. Depth 70 to 146 fathoms. Bottom brk. Sh. rd. Corln.  
*Peristedion engyceros*.
- Station 3942. Depth 146 to 222 fathoms. Bottom wh. S. brk. Sh.  
*Setarches remiger*.
- Station 3943. Depth 222 to 100 fathoms. Bottom fne. wh. S.  
*Setarches remiger*.
- Station 3947. Depth 199 to 97 fathoms. Bottom fne. wh. S. brk. Sh.  
*Grammatonotus laysanus*, *Setarches remiger*.
- Station 3952. Depth 347 to 351 fathoms. Bottom wh. S. G. Co. R.  
*Chlorophthalmus proridens*, *Plectrogenium nanum*, *Hoplichthys platophrys*.
- Station 3957. Depth 220 to 173 fathoms. Bottom fne. wh. S.  
*Peristedion engyceros*, *Hoplichthys citrinus*, *Pteropsaron incisum*, *Pœcilopsetta hawaiiensis*,  
*Taeniopsetta radula*, *Anticitharus debilis*, *Platophrys inermis*, *Platophrys coarctatus*.
- Station 3958. Depth 173 to 182 fathoms. Bottom crs. wh. S.  
*Antigonia steindachneri*, *Pteropsaron incisum*, *Anticitharus debilis*.
- Station 3963. Depth 319 fathoms. Bottom wh. S. brk. Sh.  
*Engyprosopon xenandrus*.
- Station 3965. Depth 147 to 116 fathoms. Bottom co. S.  
*Aracana spilonota*, *Hoplichthys citrinus*, *Malthopsis jordani*.
- Station 3966. Depth 116 to 168 fathoms. Bottom crs. co. S.  
*Pteropsaron incisum*.
- Station 3968. Depth 14½ to 16½ fathoms. Bottom crs. S. Co.  
*Dasyllus albisella*.
- Station 3973. Depth 395 to 397 fathoms. Bottom crs. co. S. sh. Co. R.  
*Neoscopelus macrolepidotus*.
- Station 3977. Depth 876 fathoms. Bottom fne. co. S. For. R.  
*Halosauropsis kauaiensis*, *Gadomus bowersi*.
- Station 3979. Depth 222 to 387 fathoms. Bottom fne. wh. S. For. R.  
*Synphobranchus brachysomus*, *Neoscopelus macrolepidotus*, *Optonurus atherodon*, *Matæocephalus acipenserinus*, *Malacocephalus hawaiiensis*.
- Station 3980. Surface tow.  
*Centrobranchus chærocephalus*, *Myctophum margaritatum*, *Myctophum braueri*, *Myctophum evermanni*, *Dasy Scopelus spinosus*, *Dasy Scopelus pristilepis*.
- Station 3981. Depth 636 to 414 fathoms. Bottom glob. Oz.  
*Cyclothone canina*.
- Station 3982. Depth 233 to 40 fathoms. Bottom crs. br. Co. S. Sh.  
*Chromis leucurus*.
- Station 3984. Depth 164 to 237 fathoms. Bottom fne. co. S.  
*Leptocephalus æquoreus*.
- Station 3985. Depth 477 to 430 fathoms. Bottom gy. S. For. Shore Deposit.  
*Halosauropsis verticalis*, *Hymenocephalus aterrimus*, *Macrourus gibber*, *Dibranchus erythrinus*.
- Station 3986. Depth 362 to 55 fathoms. Bottom gy. S. For. Shore Deposit.  
*Peristedion engyceros*, *Hymenocephalus striatulus*.
- Station 3988. Depth 165 to 469 fathoms. Bottom crs. co. S. co. Frag.  
*Leptocephalus æquoreus*, *Peristedion hians*, *Optonurus atherodon*, *Malacocephalus hawaiiensis*.
- Station 3989. Depth 733 to 385 fathoms. Bottom co. S. R.  
*Centroscyllum ruscusum*, *Halosauropsis kauaiensis*, *Snyderidia canina*, *Hymenocephalus aterrimus*, *Macrourus gibber*.

- Station 3993. Depth 218 to 201 fathoms. Depth fne. gy. S.  
Peristedion engyceros.
- Station 3994. Depth 330 to 382 fathoms. Bottom fne. gy. S. For.  
Neoscopelus macrolepidotus, Macrourus gibber.
- Station 3997. Depth 418 to 429 fathoms. Bottom fne. gy. S. br. M.  
Centroscyllum ruscusum, Hymenocephalus aterrimus, Macrourus gibber, Trachonurus sentipellis.
- Station 3998. Depth 235 to 228 fathoms. Bottom crs. br. co. S. Sh. R.  
Lophiomus miacanthus.
- Station 4001. Depth 277 to 230 fathoms. Bottom co. S.  
Peristedion hians.
- Station 4002. Depth 230 to 53 fathoms. Bottom fne. co. S. Glob. Co.  
Osurus schauinslandi.
- Station 4005. Depth 577 to 480 fathoms. Bottom fne. gy. S. For. R.  
Cyclothone canina, Sternoptyx diaphana, Melamphaes unicornis.
- Station 4007. Depth 508 to 557 fathoms. Bottom gy. S. For.  
?Gadomus melanopterus juv., Gadomus bowersi, Macrourus gibber, Trachonurus sentipellis.
- Station 4009. Surface tow.  
Centrobranchus chærocephalus, Dasyscopelus spinosus, Dasyscopelus pristilepis.
- Station 4010. Surface tow.  
Myctophum margaritatum, Dasyscopelus pristilepis.
- Station 4011. Surface tow.  
Centrobranchus chærocephalus, Centrobranchus gracilicaudus, Myctophum margaritatum, Dasyscopelus spinosus.
- Station 4014. Depth 399 to 362 fathoms. Bottom S. For.  
Neoscopelus macrolepidotus, Macrourus gibber, Mataeocephalus acipenserinus.
- Station 4015. Depth 362 to 318 fathoms. Bottom gy. S. R.  
Diaphus adenomus, Mataeocephalus acipenserinus.
- Station 4016. ?surface. Depth 318 to 305 fathoms. Bottom bk. S.  
Diaphus urolampus.
- Station 4017. Depth 305 fathoms. Bottom gy. S.  
Argyrolepecus heathi, Peristedion engyceros.
- Station 4018. Depth 804 to 724 fathoms. Bottom for. S. mang. Frag.  
Cyclothone canina, Halosauropsis kauaiensis, Trachonurus sentipellis.
- Station 4019. Depth 724 to 409 fathoms. Bottom gy. For. R.  
Synaphobranchus brachysomus, Metopomycter denticulatus, Cyclothone rhodadenia, Halosauropsis kauaiensis, Hymenocephalus aterrimus, Miopsaras myops.
- Station 4021. Depth 286 to 399 fathoms. Bottom co. S. For.  
Neoscopelus macrolepidotus, Stephanolepis pricei, Optonurus atherodon, Hymenocephalus antraeus, Macrourus propinquus, Celorhynchus doryssus, Mataeocephalus acipenserinus, Symphurus strictus.
- Station 4022. Depth 399 to 376 fathoms. Bottom co. S. For. R.  
Macrourus propinquus, Macrourus gibber.
- Station 4024. Depth 24 to 43 fathoms. Bottom crs. co. S. For.  
Osurus schauinslandi.
- Station 4025. Depth 275 to 368 fathoms. Bottom fne. gy. S. brk. Sh. For.  
Neoscopelus macrolepidotus, Chalinura ctenomelas, Optonurus atherodon, Hymenocephalus antraeus, Mataeocephalus acipenserinus.
- Station 4026. Depth 368 to 1,021 fathoms. Bottom fne. gy. S.  
Cyclothone canina, Astronesthes lucifer, Sternoptyx diaphana.
- Station 4028. Depth 444 to 478 fathoms. Bottom gy. S. Glob.  
Gadomus melanopterus, Macrourus gibber, Trachonurus sentipellis.
- Station 4030. Depth 423 to 438 fathoms. Bottom fne. co. S. For. R.  
Trachonurus sentipellis.
- Station 4031. Depth 27 to 28 fathoms. Bottom fne. co. S. For. Co.  
Chaetodon corallicola, Holacanthus fisheri.

- Station 4032. Depth 27 to 29 fathoms. Bottom fine. co. S. For.  
*Chaetodon corallicola*, *Holacanthus fisheri*, *Balistes bursa*, *Calliurichthys decoratus*.
- Station 4034. Depth 28 to 14 fathoms. Bottom fine. co. S. For.  
*Chaetodon corallicola*, *Holacanthus fisheri*, *Osurus schauinslandi*.
- Station 4041. Depth 382 to 253 fathoms. Bottom gy. M. For.  
*Neoscopelus macrolepidotus*, *Optonurus atherodon*, *Macrourus gibber*.
- Station 4055. Depth 50 to 62 fathoms. Bottom fine. gy. S. For.  
*Sphagebranchus flavicaudus*.
- Station 4058. Depth 195 to 190 fathoms. Bottom rky.  
*Setarches remiger*.
- Station 4061. Depth 24 to 83 fathoms. Bottom co. S. Corln. Nod. For.  
*Sphagebranchus flavicaudus*, *Hippocampus fisheri*, *Pegasus papilio*.
- Station 4064. Depth 63 to 107 fathoms. Bottom vol. S. For. Co.  
*Haliutea retifera*.
- Station 4066. Depth 176 to 49 fathoms. Bottom rky.  
*Callionymus caeruleonotatus*, *Engyprosopon xenandrus*.
- Station 4067. Depth 10 to 14 fathoms. Bottom fine. co. vol. S.  
*Trachinocephalus myops*, *Engyprosopon hawaiiensis*.
- Station 4068. Depth 14 to 18 fathoms. Bottom fine. gy. S.  
*Saurida gracilis*.
- Station 4070. Depth 45 to 52 fathoms. Bottom fine. gy. S.  
*Antigonia eos*, *Platophrys mancus*, *Engyprosopon xenandrus*.
- Station 4071. Depth 52 to 56 fathoms. Bottom fine. co. vol. S. For.  
*Canthigaster cinctus*, *Engyprosopon xenandrus*.
- Station 4072. Depth 56 to 59 fathoms. Bottom crs. co. S. For.  
*Antigonia eos*, *Engyprosopon xenandrus*.
- Station 4073. Depth 69 to 78 fathoms. Bottom crs. co. S. For.  
*Pseudocheilinus evanidus*, *Osurus schauinslandi*, *Engyprosopon xenandrus*.
- Station 4074. Depth 78 to 85 fathoms. Bottom co. S. For.  
*Helicolenus rufescens*, *Platophrys chlorospilus*.
- Station 4075. Depth 49 to 57 fathoms. Bottom fine. gy. S. For.  
*Osurus schauinslandi*, *Engyprosopon xenandrus*.
- Station 4076. Depth 57 to 68 fathoms. Bottom co. S. Sh. For.  
*Engyprosopon xenandrus*, *Haliutea retifera*.
- Station 4077. Depth 99 to 106 fathoms. Bottom fine. co. S. For.  
*Antigonia eos*, *Pontinus spilius*, *Taeniopsetta radula*, *Neopercis roseoviridis*, *Platophrys inermis*,  
*Engyprosopon xenandrus*.
- Station 4079. Depth 143 to 178 fathoms. Bottom gy. S. For.  
*Synodus kaianus*, *Plectrogenium nanum*, *Peristedion engyceros*, *Hoplichthys citrinus*, *Bembrops filifera*, *Pocilopsetta hawaiiensis*, *Platophrys coarctatus*, *Malthopsis jordani*.
- Station 4080. Depth 178 to 202 fathoms. Bottom gy. S. For.  
*Plectrogenium nanum*, *Peristedion engyceros*, *Hoplichthys citrinus*, *Bembrops filifera*, *Pocilopsetta hawaiiensis*, *Chascanopsetta prorigera*, *Dibranchus stellulatus*.
- Station 4081. Depth 202 to 220 fathoms. Bottom gy. S. For.  
*Chlorophthalmus proridens*, *Plectrogenium nanum*, *Peristedion engyceros*, *Hoplichthys citrinus*,  
*Pocilopsetta hawaiiensis*.
- Station 4082. Depth 220 to 238 fathoms. Bottom gy. S.  
*Chlorophthalmus proridens*, *Myctophum fibulatum*, *Setarches remiger*, *Plectrogenium nanum*,  
*Peristedion engyceros*, *Pocilopsetta hawaiiensis*.
- Station 4083. Depth 238 to 253 fathoms. Bottom gy. S.  
*Peristedion engyceros*, *Pelecanichthys crumenalis*.
- Station 4084. Depth 253 to 267 fathoms. Bottom fine. gy. S.  
*Synagrops argyrea*, *Chalinura ctenomelas*.

- Station 4085. Depth 267 to 283 fathoms. Bottom S. Sh.  
*Squalus mitsukurii*, *Argyripnus ephippiatus*, *Peristedion hians*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Malacocephalus hawaiiensis*.
- Station 4086. Depth 283 to 308 fathoms. Bottom S. Sh.  
*Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Mataeocephalus acipenserinus*.
- Station 4087. Depth 308 to 306 fathoms. Bottom fine gy. S.  
*Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Malacocephalus hawaiiensis*.
- Station 4088. Depth 306 to 297 fathoms. Bottom fine gy. S.  
*Polyipnus nuttingi*, *Hymenocephalus antræus*, *Chalinura ctenomelas*, *Cœlorhynchus aratrum*, *Mataeocephalus acipenserinus*, *Malacocephalus hawaiiensis*.
- Station 4089. Depth 297 to 304 fathoms. Bottom fine gy. S.  
*Polyipnus nuttingi*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Mataeocephalus acipenserinus*, *Malacocephalus hawaiiensis*.
- Station 4090. Depth 304 to 308 fathoms. Bottom fine gy. S.  
*Promyllantor alcocki*, *Polyipnus nuttingi*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Malacocephalus hawaiiensis*.
- Station 4091. Depth 308 to 306 fathoms. Bottom fine gy. S.  
*Polyipnus nuttingi*, *Optonurus atherodon*, *Hymenocephalus antræus*, *Mataeocephalus acipenserinus*.
- Station 4094. Depth 753 to 787 fathoms. Bottom br. M. fine. S. Glob.  
*Melanobranchus micronema*.
- Station 4096. Depth 272 to 286 fathoms. Bottom fine gy. S.  
*Chlorophthalmus prordens*, *Malacocephalus hawaiiensis*, *Lophiomus miacanthus*, *Malthopsis mitrigera*.
- Station 4097. Depth 286 fathoms. Bottom fine gy. S.  
*Polyipnus nuttingi*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Malacocephalus hawaiiensis*, *Pelecichthys crumenalis*, *Malthopsis mitrigera*.
- Station 4098. Depth 95 to 152 fathoms. Bottom co. S. For. R.  
*Pontinus spilistius*, *Chironema squamiceps*.
- Station 4099. Depth 152 to 153 fathoms. Bottom fine. S. For. Sh.  
*Tæniopsetta radula*.
- Station 4101. Depth 143 to 122 fathoms. Bottom co. S. Sh. For.  
*Synodus kaianus*, *Champsodon fimbriatus*, *Tæniopsetta radula*, *Anticitharus debilis*, *Platophrys inermis*, *Malthopsis jordani*.
- Station 4102. Depth 122 to 182 fathoms. Bottom fine gy. S. For.  
*Synodus kaianus*, *Synagrops argyrea*, *Antigonia eos*, *Draconetta hawaiiensis*, *Tæniopsetta radula*, *Platophrys inermis*, *Malthopsis jordani*.
- Station 4103. Depth 132 to 141 fathoms. Bottom fine gy. S.  
*Hoplichthys citrinus*, *Tæniopsetta radula*, *Anticitharus debilis*, *Platophrys inermis*.
- Station 4104. Depth 141 to 123 fathoms. Bottom fine gy. S. For.  
*Synodus kaianus*, *Antigonia eos*.
- Station 4105. Depth 314 to 335 fathoms. Bottom fine co. S. For.  
*Sternoptyx diaphana*, *Hymenocephalus antræus*.
- Station 4106. Depth 335 to 350 fathoms. Bottom fine. S.  
*Diaphus adenomus*, *Hymenocephalus antræus*, *Trachonurus sentipellis*.
- Station 4107. Depth 350 to 355 fathoms. Bottom co. S. For.  
*Argyroleucus heathi*, *Optonurus atherodon*, *Trachonurus sentipellis*.
- Station 4108. Depth 411 to 442 fathoms. Bottom co. S. For.  
*Nannobranchium nigrum*, *Cyclothone rhodadenia*.
- Station 4109. Depth 442 to 449 fathoms. Bottom co. S. For.  
*Hymenocephalus aterrimus*, *Macrourus gibber*, *Cœlorhynchus doryssus*, *Trachonurus sentipellis*.
- Station 4110. Surface tow.  
*Nannobranchium nigrum*, *Cyclothone canina*, *Sternoptyx diaphana*.

- Station 4111. Depth 460 to 470 fathoms. Bottom fine. S. R.  
*Sternoptyx diaphana*, *Halosaurus proboscidea*.
- Station 4112. Depth 447 to 433 fathoms. Bottom fine. S.  
*Macrourus gibber*, *Cœlorhynchus doryssus*, *Trachonurus sentipellis*.
- Station 4113. Depth 433 to 395 fathoms. Bottom coarse. S.  
*Macrourus gibber*, *Trachonurus sentipellis*.
- Station 4114. Depth 154 to 195 fathoms. Bottom coarse. S. For.  
*Hoplichthys citrinus*, *Symphurus undatus*.
- Station 4115. Depth 195 to 241 fathoms. Bottom coarse. S. For.  
*Chlorophthalmus proridens*, *Polymixia berndti*, *Peristedion engyceros*.
- Station 4116. Depth 241 to 282 fathoms. Bottom coarse. S. For.  
*Peristedion engyceros*, *Cœlorhynchus gladius*.
- Station 4117. Depth 282 to 253 fathoms. Bottom coarse. S. For.  
*Chlorophthalmus proridens*, *Diaphus chrysorhynchus* (probably at surface), *Peristedion engyceros*,  
*Chalinura ctenomelas*, *Malacocephalus hawaiiensis*, *Lophiomus miacanthus*, *Malthopsis mitrigeria*.
- Station 4120. Depth 167 to 216 fathoms. Bottom coarse. S. F.  
*Hoplichthys citrinus*, *Pœcilopsetta hawaiiensis*, *Symphurus undatus*.
- Station 4121. Depth 216 to 251 fathoms. Bottom coarse. S. For. R.  
*Polyipnus nuttingi*, *Argyripnus ephippiatus*.
- Station 4122. Depth 192 to 352 fathoms. Bottom coarse. S. Sh.  
*Leptocephalus æquoreus*, *Chlorophthalmus proridens*, *Cyttomimus stelgis*, *Setarches remiger*,  
*Peristedion hians*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Hymenocephalus striatulus*,  
*Cœlorhynchus gladius*, *Cœlorhynchus doryssus*, *Malthopsis mitrigeria*.
- Station 4123. Depth 352 to 357 fathoms. Bottom fine. gy. S. M.  
*Synaphobranchus brachysomus*, *Leptocephalus æquoreus*, *Optonurus atherodon*.
- Station 4126. Depth 1278 to 743 fathoms. Bottom gy. S. For.  
*Cyclothone canina*.
- Station 4128. Depth 68 to 90 fathoms. Bottom coarse. br. co. S. For.  
*Canthigaster cinctus*, *Osurus schauinslandi*, *Engyprosopon xenandrus*, *Antennarius duescus*.
- Station 4130. Depth 283 to 309 fathoms. Bottom fine. gy. S.  
*Peristedion hians*, *Chalinura ctenomelas*, *Optonurus atherodon*, *Cœlorhynchus gladius*, *Malacocephalus hawaiiensis*, *Malthopsis mitrigeria*.
- Station 4132. Depth 257 to 312 fathoms. Bottom fine. gy. S. M.  
*Chlorophthalmus proridens*, *Setarches remiger*, *Plectrogenium nanum*, *Peristedion hians*, *Peristedion engyceros*, *Cœlorhynchus gladius*, *Lophiomus miacanthus*, *Malthopsis mitrigeria*.
- Station 4133. Depth 165 to 41 fathoms. Bottom fine. gy. S. R.  
*Helicolenus rufescens*, *Engyprosopon xenandrus*.
- Station 4134. Depth 324 to 225 fathoms. Bottom fine. co. vol. S.  
*Polyipnus nuttingi*, *Stethopristes eos*, *Peristedion hians*, *Chalinura ctenomelas*, *Malacocephalus hawaiiensis*.
- Station 4136. Depth 294 to 352 fathoms. Bottom fine. co. S.  
*Leptocephalus æquoreus*, *Peristedion hians*.
- Station 4137. Depth 411 to 476 fathoms. Bottom coarse. vol. S. For. R.  
*Synaphobranchus brachysomus*, *Neoscopelus macrolepidotus*, *Optonurus atherodon*, *Hymenocephalus aterrimus*, *Macrourus propinquus*, *Macrourus gibber*.
- Station 4138. Depth 438 to 476 fathoms. Bottom fine. br. S. R.  
*Halosaurus proboscidea*.
- Station 4139. Depth 512 to 339 fathoms. Bottom fine. gy. S. R.  
*Optonurus atherodon*, *Hymenocephalus aterrimus*, *Macrourus gibber*.
- Station 4140. Depth 339 to 437 fathoms. Bottom fine. gy. S.  
*Hymenocephalus antreus*, *Hymenocephalus aterrimus*.
- Station 4141. Depth 437 to 632 fathoms. Bottom vol. S. For.  
*Cyclothone canina*, *Halosaurus proboscidea*, *Gadomus bowersi*, *Macrourus gibber*, *Macrourus obliquatus*.



- Station 4142. Depth 632 to 881 fathoms. Bottom crs. mang. S. R.  
*Melamphaes unicornis*.
- Station 4145. Surface tow.  
*Centrobranchus chærocephalus*, *Centrobranchus gracilicaudus*, *Myctophum margaritatum*, *Myctophum braueri*, *Myctophum evermanni*, *Dasyscopelus spinosus*, *Dasyscopelus pristilepis*.
- Station 4147. Depth 26 fathoms. Bottom Co. Corln.  
*Stephanolepis spilosomus*.
- Station 4148. Depth 26 to 33 fathoms. Bottom co. S. For.  
*Stephanolepis spilosomus*.
- Station 4149. Depth 33 to 71 fathoms. Bottom Co. Corln.  
*Pegasus papilio*.
- Station 4151. Depth 871 to 313 fathoms. Bottom fine. co. S. For. St.  
*Catulus spongiceps*, *Nematoprora polygonifera*, *Bathypterois antennatus*, *Halosaurusopsis verticalis*, *Gadomus bowersi*.
- Station 4154. Depth 636 to 850 fathoms. Bottom fine. wh. S.  
*Cyclothone canina*, *Sternoptyx diaphana*.
- Station 4155. Depth 1,164 to 1,594 fathoms. Bottom glob. Oz.  
*Caulolepis longidens*, *Sternoptyx diaphana*.
- Station 4157. Depth 762 to 1,000 fathoms. Bottom wh. M. For. R.  
*Serrivomer beanii*.
- Station 4158. Depth 20 to 30 fathoms. Bottom co. Corln.  
*Synodus varius*, *Osurus schauinslandi*.
- Station 4163. Depth 24 to 40 fathoms. Bottom co. S. P. Sh.  
*Cantharines sandvichensis*.
- Station 4164. Depth 40 to 56 fathoms. Bottom co. S. P. Sh.  
*Pegasus papilio*.
- Station 4166. Depth 293 to 800 fathoms. Bottom co. S. For. R.  
*Synaphobranchus brachysomus*, *Neoscopelus macrolepidotus*, *Sternoptyx diaphana*, *Hymenocephalus aterrimus*, *Macrourus gibber*.
- Station 4167. Depth 18 to 20 fathoms. Bottom co. S.  
*Stephanolepis spilosomus*.
- Station 4176. Depth 672 to 537 fathoms. Bottom gy. S. M. For.  
*Stemonidium hypomelas*, *Collybus drachme*.
- Station 4180. Depth 426 to 417 fathoms. Bottom P. Glob. R.  
*Cyclothone canina*, *Hymenocephalus aterrimus*.
- Station 4183. Depth 957 to 1,067 fathoms. Bottom fine. gy. S. Glob.  
*Chimæra purpurea*, *Serrivomer beanii*.
- Station 4185. Depth 1,000 to 1,314 fathoms. Bottom gy. S. M. For.  
*Bathypterois antennatus*, *Antimora microlepis*, *Macrourus longicirrus*.
- Station 4188. Surface tow.  
*Centrobranchus chærocephalus*, *Myctophum margaritatum*.