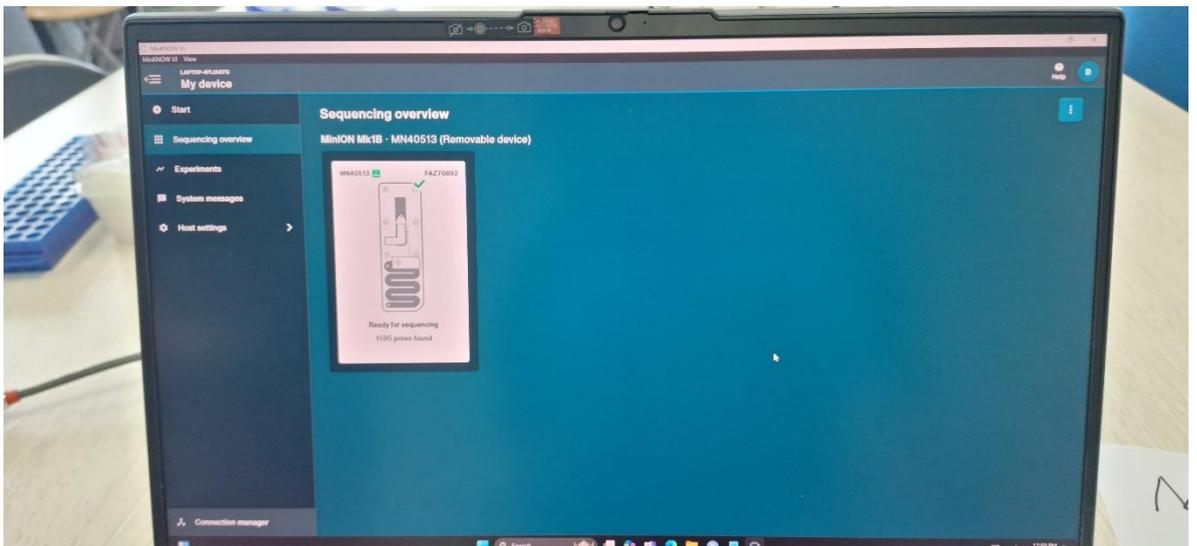
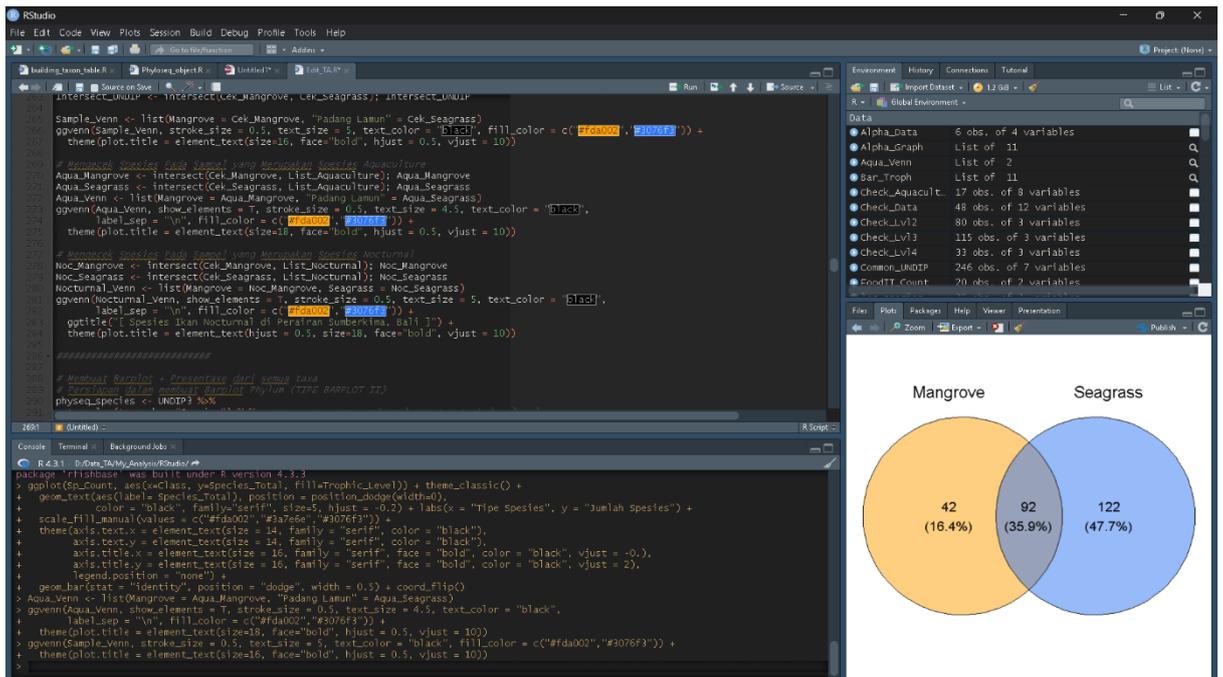


LAMPIRAN

Lampiran 1 Foto Dokumentasi Hasil Kegiatan





```

/home/disspear/.local/lib/python3.10/site-packages/pandas/core/computation/expressions.py:21: UserWarning: Pandas requires version '2.8.4' or newer of 'nume
xpr' (version '2.8.1' currently installed).
  from pandas.core.computation.check import NUMEXPR_INSTALLED
/home/disspear/.local/lib/python3.10/site-packages/pandas/core/arrays/masked.py:60: UserWarning: Pandas requires version '1.3.6' or newer of 'bottleneck' (v
ersion '1.3.2' currently installed).
  from pandas.core import (
^CTraceback (most recent call last):
  File "/usr/bin/NanoFilt", line 33, in <module>
    sys.exit(load_entry_point('NanoFilt==2.6.0', 'console_scripts', 'NanoFilt')())
  File "/usr/lib/python3/dist-packages/nanofilt/NanoFilt.py", line 42, in main
    filter_stream(args.input, args)
  File "/usr/lib/python3/dist-packages/nanofilt/NanoFilt.py", line 75, in filter_stream
    if quality_check(rec.letter_annotations["phred_quality"]) >= args.quality \
  File "/usr/lib/python3/dist-packages/nanofilt/NanoFilt.py", line 122, in ave_qual
    mq = -10 * log(sum([tab[q] for q in quals]) / len(quals), 10)
KeyboardInterrupt

disspear@lyrn:~/mnt/d/Data_TA/My_Analysis$ ./test_run.sh
/home/disspear/.local/lib/python3.10/site-packages/pandas/core/computation/expressions.py:21: UserWarning: Pandas requires version '2.8.4' or newer of 'nume
xpr' (version '2.8.1' currently installed).
  from pandas.core.computation.check import NUMEXPR_INSTALLED
/home/disspear/.local/lib/python3.10/site-packages/pandas/core/arrays/masked.py:60: UserWarning: Pandas requires version '1.3.6' or newer of 'bottleneck' (v
ersion '1.3.2' currently installed).
  from pandas.core import (
Processed 1_Sample/DBP012708_fastq.gz and saved filtered data to 2_NanoFilt_output/DBP012708_filtered.fastq
/home/disspear/.local/lib/python3.10/site-packages/pandas/core/computation/expressions.py:21: UserWarning: Pandas requires version '2.8.4' or newer of 'nume
xpr' (version '2.8.1' currently installed).
  from pandas.core.computation.check import NUMEXPR_INSTALLED
/home/disspear/.local/lib/python3.10/site-packages/pandas/core/arrays/masked.py:60: UserWarning: Pandas requires version '1.3.6' or newer of 'bottleneck' (v
ersion '1.3.2' currently installed).
  from pandas.core import (
Processed 1_Sample/DBP012709_fastq.gz and saved filtered data to 2_NanoFilt_output/DBP012709_filtered.fastq
This is cutadapt 3.5 with Python 3.10.12
Command line parameters: -g TTTCGTGGTGGCTGATATGGCCGGTAAACTCGTGCCAGC -o 3_cutadapt_output/DBP012704_filtered_trimmed_forward.fastq -e 0.2 -m 150 -M 200 -
-discard-untrimmed 2_NanoFilt_output/DBP012704_filtered.fastq
Processing reads on 1 core in single-end mode ...
[----->8 ] 00:01:06 310,000 reads @ 229.1 µs/read; 0.26 M reads/minutecutadapt: error: Compressed file ended before the end-of-stream marker was
reached
Processed 2_NanoFilt_output/DBP012704_filtered.fastq -> 3_cutadapt_output/DBP012704_filtered_trimmed_forward.fastq
This is cutadapt 3.5 with Python 3.10.12
Command line parameters: -g TTTCGTGGTGGCTGATATGGCCGGTAAACTCGTGCCAGC -o 3_cutadapt_output/DBP012705_filtered_trimmed_forward.fastq -e 0.2 -m 150 -M 200 -
-discard-untrimmed 2_NanoFilt_output/DBP012705_filtered.fastq
Processing reads on 1 core in single-end mode ...
[8-----] 00:00:04 20,000 reads @ 226.3 µs/read; 0.27 M reads/minute

```

Lampiran 2 Daftar Famili Ikan di Laut Sumberkima, Bali Berdasarkan Hasil Penelitian eDNA dengan Visual Sensus

Nama Famili	Hasil eDNA	Ramadhani <i>et al.</i> (2023)	Suwartimah <i>et al.</i> (2016)
Acanthuridae	✓	✓	✓
Antennariidae	✓	-	✓
Apogonodae	✓	-	-
Atherinidae	✓	✓	✓
Balistidae	✓	-	-
Belonidae	✓	-	✓
Bleniidae	✓	-	-
Caesionidae	✓	-	✓
Callionymidae	-	-	✓
Carangidae	✓	-	✓
Carcharhinidae	-	-	✓
Centriscidae	✓	-	-
Chaetodontidae	✓	✓	✓
Chanidae	-	-	✓
Cichlidae	✓	-	-
Cirrihitidae	✓	-	-
Clupeidae	✓	-	✓
Diodontidae	✓	-	-
Dorosomatidae	✓	-	-
Elopidae	✓	-	-
Emmelichthyidae	✓	-	-
Engraulidae	✓	-	-
Ephippidae	✓	-	-
Gerreidae	✓	-	✓
Glaucostegidae	✓	-	-
Gobiidae	✓	-	-
Haemolidae	-	-	✓
Holocentridae	✓	-	✓
Labridae	✓	✓	✓
Latidae	✓	-	✓
Leiognathidae	✓	-	-
Lethrinidae	✓	-	-
Lutjanidae	✓	-	-
Menidae	✓	-	-
Microdemidae	✓	-	-
Monacanthidae	✓	-	-

Nama Famili	Hasil eDNA	Ramadhani <i>et al.</i> (2023)	Suwartimah <i>et al.</i> (2016)
Mugilidae	✓	-	✓
Mullidae	✓	-	-
Myctophidae	✓	-	-
Nemipteridae	✓	-	-
Ostraciidae	✓	✓	-
Pempheridae	✓	-	✓
Plesiopidae	✓	-	-
Plotosidae	✓	-	-
Pomacanthidae	✓	-	-
Pomacentridae	✓	✓	✓
Psettodidae	✓	-	✓
Pseudochromidae	✓	-	-
Scaridae	-	✓	-
Scombridae	✓	-	-
Scorpaenidae	✓	-	-
Serranidae	✓	✓	✓
Siganidae	✓	-	✓
Spratelloididae	-	-	✓
Syngnathidae	✓	-	-
Synodontidae	✓	-	-
Terapontidae	✓	-	-
Tetraodontidae	✓	-	-
Tetrarogodae	-	-	✓
Tripterygiidae	✓	-	-
Zanclidae	✓	✓	-
Zenarchopteridae	✓	-	-

Lampiran 3 Daftar Spesies Ikan Beserta Nilai Trofik Makanan dari data Fishbase

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Abudefduf bengalensis</i>	3,08	Level 3	Omnivora
<i>Abudefduf notatus</i>	2,73	Level 2	Herbivora
<i>Abudefduf vaigiensis</i>	3,39	Level 3	Omnivora
<i>Acanthochromis polyacanthus</i>	2,69	Level 2	Herbivora
<i>Acanthocybium solandri</i>	4,45	Level 4	Predator
<i>Acanthurus bariene</i>	2	Level 2	Herbivora
<i>Acanthurus mata</i>	2,52	Level 2	Herbivora
<i>Acanthurus nigricans</i>	2	Level 2	Herbivora
<i>Acanthurus olivaceus</i>	2,26	Level 2	Herbivora
<i>Acanthurus xanthopterus</i>	2,87	Level 2	Herbivora
<i>Acreichthys tomentosus</i>	2,97	Level 2	Herbivora
<i>Aethaloperca rogae</i>	4,11	Level 4	Predator
<i>Alepes djedaba</i>	3,58	Level 3	Omnivora
<i>Alepes kleinii</i>	3,54	Level 3	Omnivora
<i>Alepes vari</i>	3,65	Level 3	Omnivora
<i>Aluterus scriptus</i>	3,02	Level 3	Omnivora
<i>Amblygaster sirm</i>	2,89	Level 2	Herbivora
<i>Amblyglyphidodon aureus</i>	2,68	Level 2	Herbivora
<i>Amblyglyphidodon leucogaster</i>	3,38	Level 3	Omnivora
<i>Amblyglyphidodon ternatensis</i>	2,69	Level 2	Herbivora
<i>Amblygobius decussatus</i>	2,72	Level 2	Herbivora
<i>Amblygobius phalaena</i>	2,74	Level 2	Herbivora
<i>Amphiprion biaculeatus</i>	2,75	Level 2	Herbivora

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Amphiprion clarkii</i>	2,91	Level 2	Herbivora
<i>Antennarius striatus</i>	4,2	Level 4	Predator
<i>Arothron hispidus</i>	3,10	Level 3	Omnivora
<i>Arothron mappa</i>	2,83	Level 2	Herbivora
<i>Arothron reticularis</i>	3,4	Level 3	Omnivora
<i>Asterropteryx semipunctata</i>	2,36	Level 2	Herbivora
<i>Atherinomorus lacunosus</i>	3,3	Level 3	Omnivora
<i>Atule mate</i>	3,27	Level 3	Omnivora
<i>Aurigequula fasciata</i>	3,43	Level 3	Omnivora
<i>Auxis rochei</i>	4,4	Level 4	Predator
<i>Balistapus undulatus</i>	3,37	Level 3	Omnivora
<i>Benthoosema fibulatum</i>	3,2	Level 3	Omnivora
<i>Caesio caerulea</i>	3,4	Level 3	Omnivora
<i>Caesio cuning</i>	3,4	Level 3	Omnivora
<i>Caesio lunaris</i>	3,4	Level 3	Omnivora
<i>Caesio teres</i>	3,4	Level 3	Omnivora
<i>Canthigaster bennetti</i>	2,54	Level 2	Herbivora
<i>Canthigaster janthinoptera</i>	3,07	Level 3	Omnivora
<i>Canthigaster solandri</i>	3,56	Level 3	Omnivora
<i>Canthigaster valentini</i>	2,84	Level 2	Herbivora
<i>Caranx ignobilis</i>	4,48	Level 4	Predator
<i>Caranx melampygus</i>	4,28	Level 4	Predator
<i>Caranx tille</i>	4,06	Level 4	Predator

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Carcharhinus longimanus</i>	4,39	Level 4	Predator
<i>Carcharhinus melanopterus</i>	4,36	Level 4	Predator
<i>Centropyge nox</i>	2,79	Level 2	Herbivora
<i>Cephalopholis argus</i>	4,16	Level 4	Predator
<i>Cephalopholis boenak</i>	3,83	Level 3	Omnivora
<i>Cephalopholis cyanostigma</i>	4,23	Level 4	Predator
<i>Cephalopholis microprion</i>	4	Level 4	Predator
<i>Chaetodon auriga</i>	3,51	Level 3	Omnivora
<i>Chaetodon baronessa</i>	3,34	Level 3	Omnivora
<i>Chaetodon kleinii</i>	3,18	Level 3	Omnivora
<i>Chaetodon octofasciatus</i>	2,64	Level 2	Herbivora
<i>Chanos chanos</i>	2,59	Level 2	Herbivora
<i>Cheilinus chlorourus</i>	3,46	Level 3	Omnivora
<i>Cheilio inermis</i>	3,49	Level 3	Omnivora
<i>Cheilodipterus quinquelineatus</i>	3,5	Level 3	Omnivora
<i>Cheiloprion labiatus</i>	2,68	Level 2	Herbivora
<i>Chlorurus bleekeri</i>	2	Level 2	Herbivora
<i>Chlorurus bowersi</i>	2,74	Level 2	Herbivora
<i>Chlorurus japanensis</i>	2	Level 2	Herbivora
<i>Chromis alpha</i>	3	Level 3	Omnivora
<i>Chromis atripectoralis</i>	3,1	Level 3	Omnivora
<i>Chromis cinerascens</i>	2,68	Level 2	Herbivora
<i>Chromis xanثochira</i>	2,72	Level 2	Herbivora
<i>Chrysiptera biocellata</i>	2	Level 2	Herbivora

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Chrysiptera glauca</i>	3,21	Level 3	Omnivora
<i>Chrysiptera oxycephala</i>	2,73	Level 2	Herbivora
<i>Cirripectes polyzona</i>	2,81	Level 2	Herbivora
<i>Coradion altivelis</i>	2,68	Level 2	Herbivora
<i>Coradion chrysozonus</i>	2,81	Level 2	Herbivora
<i>Crenimugil seheli</i>	2,32	Level 2	Herbivora
<i>Ctenochaetus binotatus</i>	2	Level 2	Herbivora
<i>Cylichthys spilostylus</i>	3,46	Level 3	Omnivora
<i>Cymolutes praetextatus</i>	3,6	Level 3	Omnivora
<i>Dasyscopelus asper</i>	3,68	Level 3	Omnivora
<i>Decapterus macarellus</i>	3,3	Level 3	Omnivora
<i>Decapterus macrosoma</i>	3,4	Level 3	Omnivora
<i>Decapterus russelli</i>	3,52	Level 3	Omnivora
<i>Dischistodus chrysopoecilus</i>	2	Level 2	Herbivora
<i>Dischistodus fasciatus</i>	2	Level 2	Herbivora
<i>Diodon liturosus</i>	3,5	Level 3	Omnivora
<i>Dipterygonotus balteatus</i>	3,4	Level 3	Omnivora
<i>Doboatherina duodecimalis</i>	3,3	Level 3	Omnivora
<i>Elagatis bipinnulata</i>	3,75	Level 3	Omnivora
<i>Ecsenius yaeyamaensis</i>	2	Level 2	Herbivora
<i>Elops hawaiiensis</i>	4,03	Level 4	Predator
<i>Encrasicholina heteroloba</i>	3,5	Level 3	Omnivora
<i>Encrasicholina punctifer</i>	3,4	Level 3	Omnivora
<i>Entomacrodus thalassinus</i>	2	Level 2	Herbivora

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Epinephelus fuscoguttatus</i>	4,14	Level 4	Predator
<i>Epinephelus merra</i>	4,38	Level 4	Predator
<i>Erythrocles schlegelii</i>	3,24	Level 3	Omnivora
<i>Eubleekeria splendens</i>	2,94	Level 2	Herbivora
<i>Euthynnus affinis</i>	4,35	Level 4	Predator
<i>Exyrias puntang</i>	3,5	Level 3	Omnivora
<i>Favonigobius reichei</i>	3,5	Level 3	Omnivora
<i>Ferdauia orthogrammus</i>	4,01	Level 4	Predator
<i>Gerres filamentosus</i>	3,46	Level 3	Omnivora
<i>Glaucostegus granulatus</i>	3,5	Level 3	Omnivora
<i>Gomphosus varius</i>	3,7	Level 3	Omnivora
<i>Grammistes sexlineatus</i>	3,98	Level 3	Omnivora
<i>Gymnothorax chilospilus</i>	3,9	Level 3	Omnivora
<i>Gymnothorax fimbriatus</i>	4,04	Level 4	Predator
<i>Gymnothorax javanicus</i>	3,87	Level 3	Omnivora
<i>Gymnothorax pictus</i>	4,19	Level 4	Predator
<i>Halichoeres argus</i>	3,4	Level 3	Omnivora
<i>Gymnothorax richardsonii</i>	3,8	Level 3	Omnivora
<i>Gymnothorax undulatus</i>	4,32	Level 4	Predator
<i>Halichoeres chrysotaenia</i>	3,4	Level 3	Omnivora
<i>Halichoeres leucurus</i>	3,5	Level 3	Omnivora
<i>Halichoeres melanurus</i>	2,9	Level 2	Herbivora
<i>Halichoeres papilionaceus</i>	3,4	Level 3	Omnivora
<i>Halichoeres scapularis</i>	3,5	Level 3	Omnivora

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Halichoeres trimaculatus</i>	3,46	Level 3	Omnivora
<i>Helcogramma striata</i>	3,4	Level 3	Omnivora
<i>Hemiglyphidodon plagiometopon</i>	2	Level 2	Herbivora
<i>Hemigymnus melapterus</i>	3,55	Level 3	Omnivora
<i>Heniochus varius</i>	3,5	Level 3	Omnivora
<i>Istiblennius dussumieri</i>	2	Level 2	Herbivora
<i>Istiblennius edentulus</i>	2	Level 2	Herbivora
<i>Katsuwonus pelamis</i>	4	Level 4	Predator
<i>Labrichthys unilineatus</i>	3,34	Level 3	Omnivora
<i>Lates calcarifer</i>	3,83	Level 3	Omnivora
<i>Leiognathus equula</i>	3,01	Level 3	Omnivora
<i>Lepidozygus tapeinosoma</i>	3,4	Level 3	Omnivora
<i>Leptojulius cyanopleura</i>	3,4	Level 3	Omnivora
<i>Leptoscarus vaigiensis</i>	2,27	Level 2	Herbivora
<i>Lethrinus genivittatus</i>	3,61	Level 3	Omnivora
<i>Lethrinus harak</i>	3,43	Level 3	Omnivora
<i>Lethrinus laticaudis</i>	3,97	Level 3	Omnivora
<i>Lethrinus nebulosus</i>	3,78	Level 3	Omnivora
<i>Lethrinus obsoletus</i>	3,12	Level 3	Omnivora
<i>Lutjanus decussatus</i>	4,02	Level 4	Predator
<i>Lutjanus ehrenbergii</i>	3,62	Level 3	Omnivora
<i>Lutjanus fulviflamma</i>	3,89	Level 3	Omnivora
<i>Lutjanus fulvus</i>	3,76	Level 3	Omnivora
<i>Lutjanus monostigma</i>	4,27	Level 4	Predator

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Lutjanus rivulatus</i>	4,04	Level 4	Predator
<i>Macolor niger</i>	4,01	Level 4	Predator
<i>Megalaspis cordyla</i>	3,93	Level 3	Omnivora
<i>Mene maculata</i>	3,45	Level 3	Omnivora
<i>Monacanthus chinensis</i>	2,4	Level 2	Herbivora
<i>Mugil cephalus</i>	2,48	Level 2	Herbivora
<i>Mulloidichthys flavolineatus</i>	3,7	Level 3	Omnivora
<i>Mulloidichthys vanicolensis</i>	3,91	Level 3	Omnivora
<i>Myripristis botche</i>	4	Level 4	Predator
<i>Myripristis hexagona</i>	3,1	Level 3	Omnivora
<i>Myripristis murdjan</i>	3,31	Level 3	Omnivora
<i>Myripristis pralinia</i>	3,46	Level 3	Omnivora
<i>Myripristis violacea</i>	3,45	Level 3	Omnivora
<i>Naso lituratus</i>	2,32	Level 2	Herbivora
<i>Naso unicornis</i>	2,17	Level 2	Herbivora
<i>Naso vlamingii</i>	2,16	Level 2	Herbivora
<i>Neoglyphidodon melas</i>	3,02	Level 3	Omnivora
<i>Neoglyphidodon nigroris</i>	3,02	Level 3	Omnivora
<i>Neoglyphidodon thoracotaeniatus</i>	2,67	Level 2	Herbivora
<i>Neopomacentrus anabatoides</i>	3,4	Level 3	Omnivora
<i>Odonus niger</i>	3,35	Level 3	Omnivora
<i>Ostorhinchus aureus</i>	3,64	Level 3	Omnivora
<i>Ostorhinchus semilineatus</i>	3,5	Level 3	Omnivora
<i>Ostorhinchus taeniophorus</i>	3,6	Level 3	Omnivora

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Oxycheilinus bimaculatus</i>	3,5	Level 3	Omnivora
<i>Paracentropogon longispinis</i>	3,2	Level 3	Omnivora
<i>Parachaeturichthys polynema</i>	3,16	Level 3	Omnivora
<i>Paracheilinus filamentosus</i>	3,4	Level 3	Omnivora
<i>Parapriacanthus ransonneti</i>	3,4	Level 3	Omnivora
<i>Parioglossus formosus</i>	3,2	Level 3	Omnivora
<i>Petroscirtes breviceps</i>	2,45	Level 2	Herbivora
<i>Photopectoralis bindus</i>	2,65	Level 2	Herbivora
<i>Planiliza macrolepis</i>	2,8	Level 2	Herbivora
<i>Planiliza subviridis</i>	2,74	Level 2	Herbivora
<i>Platax orbicularis</i>	3,33	Level 3	Omnivora
<i>Platax teira</i>	3,95	Level 3	Omnivora
<i>Plesiops oxycephalus</i>	3,3	Level 3	Omnivora
<i>Plesiops verecundus</i>	3,5	Level 3	Omnivora
<i>Pomacentrus alexanderae</i>	3,12	Level 3	Omnivora
<i>Pomacentrus amboinensis</i>	2,69	Level 2	Herbivora
<i>Pomacentrus bankanensis</i>	2,7	Level 2	Herbivora
<i>Pomacentrus brachialis</i>	2,64	Level 2	Herbivora
<i>Pomacentrus burroughi</i>	2	Level 2	Herbivora
<i>Pomacentrus grammorhynchus</i>	2,72	Level 2	Herbivora
<i>Pomacentrus lepidogenys</i>	3,4	Level 3	Omnivora
<i>Pomacentrus nagasakiensis</i>	2,74	Level 2	Herbivora
<i>Pomacentrus nigromanus</i>	3,23	Level 3	Omnivora
<i>Pomacentrus nigromarginatus</i>	2,64	Level 2	Herbivora

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Pomacentrus philippinus</i>	2,67	Level 2	Herbivora
<i>Pomacentrus taeniometopon</i>	2	Level 2	Herbivora
<i>Pomacentrus tripunctatus</i>	2	Level 2	Herbivora
<i>Pristiapogon exostigma</i>	3,72	Level 3	Omnivora
<i>Pristiapogon kallopterus</i>	3,55	Level 3	Omnivora
<i>Pseudanthias squamipinnis</i>	3,4	Level 3	Omnivora
<i>Pseudochromis tapeinosoma</i>	3,5	Level 3	Omnivora
<i>Pterocaesio digramma</i>	3,39	Level 3	Omnivora
<i>Pterocaesio tessellata</i>	3,4	Level 3	Omnivora
<i>Pterocaesio tile</i>	3,33	Level 3	Omnivora
<i>Rastrelliger kanagurta</i>	3,29	Level 3	Omnivora
<i>Salarias fasciatus</i>	2	Level 2	Herbivora
<i>Rhinecanthus aculeatus</i>	3,22	Level 3	Omnivora
<i>Rhinecanthus verrucosus</i>	3,5	Level 3	Omnivora
<i>Sardinella albella</i>	2,62	Level 2	Herbivora
<i>Sardinella gibbosa</i>	2,85	Level 2	Herbivora
<i>Sargocentron diadema</i>	3,68	Level 3	Omnivora
<i>Saurida nebulosa</i>	4,2	Level 4	Predator
<i>Saurida undosquamis</i>	4,25	Level 4	Predator
<i>Saurida wanieso</i>	3,97	Level 3	Omnivora
<i>Scarus dimidiatus</i>	2	Level 2	Herbivora
<i>Scarus ghobban</i>	2	Level 2	Herbivora
<i>Scarus psittacus</i>	2	Level 2	Herbivora
<i>Scarus quoyi</i>	2	Level 2	Herbivora

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Scarus rivulatus</i>	2,71	Level 2	Herbivora
<i>Scarus tricolor</i>	2	Level 2	Herbivora
<i>Scolopsis ciliata</i>	3,66	Level 3	Omnivora
<i>Siganus spinus</i>	2,04	Level 2	Herbivora
<i>Selaroides leptolepis</i>	3,92	Level 3	Omnivora
<i>Siganus doliatus</i>	2	Level 2	Herbivora
<i>Siganus fuscescens</i>	2,28	Level 2	Herbivora
<i>Siganus guttatus</i>	2,68	Level 2	Herbivora
<i>Siganus puellus</i>	3	Level 3	Omnivora
<i>Spratelloides delicatulus</i>	3,24	Level 3	Omnivora
<i>Spratelloides gracilis</i>	3,4	Level 3	Omnivora
<i>Stegastes lacrymatus</i>	2,5	Level 2	Herbivora
<i>Stethojulis interrupta</i>	3,5	Level 3	Omnivora
<i>Stethojulis strigiventer</i>	3,11	Level 3	Omnivora
<i>Taeniamia fucata</i>	3,5	Level 3	Omnivora
<i>Thalassoma amblycephalum</i>	3,1	Level 3	Omnivora
<i>Thalassoma hardwicke</i>	3,5	Level 3	Omnivora
<i>Thalassoma janseni</i>	3,5	Level 3	Omnivora
<i>Thalassoma lunare</i>	4,16	Level 4	Predator
<i>Terapon jarbua</i>	3,75	Level 3	Omnivora
<i>Thalassoma quinquevittatum</i>	3,58	Level 3	Omnivora
<i>Tylosurus crocodilus</i>	4,33	Level 4	Predator
<i>Upeneus sulphureus</i>	3,71	Level 3	Omnivora
<i>Upeneus tragula</i>	4,22	Level 4	Predator

Species Ikan	Nilai Trofik	Level Trofik	Tipe Ikan
<i>Zenarchopterus dispar</i>	2,9	Level 2	Herbivora
<i>Antennarius pictus</i>	4,4	Level 4	Predator
<i>Atherinomorus sp,</i>	3	Level 3	Omnivora
<i>Carangoides armatus</i>	4,1	Level 4	Predator
<i>Carangoides ferdau</i>	4,3	Level 4	Predator
<i>Carangoides malabaricus</i>	3,8	Level 3	Omnivora
<i>Cirripectes sp,</i>	2	Level 2	Herbivora
<i>Coradion melanopus</i>	2,8	Level 2	Herbivora
<i>Enneapterygius etheostomus</i>	2	Level 2	Herbivora
<i>Enneapterygius flavoccipitis</i>	3,1	Level 3	Omnivora
<i>Favonigobius sp,</i>	3,5	Level 3	Omnivora
<i>Halichoeres miniatus</i>	3,4	Level 3	Omnivora
<i>Oreochromis sp,</i>	2	Level 2	Herbivora
<i>Rhinogobius sp,</i>	3	Level 3	Omnivora
<i>Sillago sp,</i>	3	Level 3	Omnivora
<i>Stenatherina panatela</i>	3,3	Level 3	Omnivora