Supplementary Materials

Table S1: List of species collected at Xayaburi Hydroelectric Power Plant fish monitoring trap between January 2020 and December 2023.

Species	Number of months collected
Acanthopsoides hapalias	1
Acantopsis octoactinotos	10
Albulichthys albuloides	19
Amblypharyngodon chulabhornae	1
Amblyrhynchichthys truncatus	20
Auriglobus nefastus	10
Badis ruber	1
Bagarius lica	25
Bangana behri	4
Bangana lippus	1
Barbonymus altus	25
Barbonymus gonionotus	7
Barbonymus schwanenfeldii	39
Belodontichthys truncatus	22
Brachirus harmandi	1
Channa striata	2
Chitala blanci	5
Chitala ornata	7
Cirrhinus cirrhosus	2
Cirrhinus molitorella	15
Cirrhinus mrigala	1
Clarias batrachus	6
Clupeichthys aesarnensis	5
Clupisoma sinense	10
Cosmochilus harmandi	26
Crossocheilus atrilimes	9
Crossocheilus reticulatus	16
Cyclocheilichthys apogon	1
Cyclocheilichthys armatus	7
Cyclocheilichthys enoplos	32
Cyprinus carpio	2
Danio roseus	3
Datnioides undecimradiatus	6
Dermogenys pusilla	21
Discherodontus ashmeadi	1
Epalzeorhynchos frenatum	14
Esomus longimanus	8
Garra cambodgiensis	22
Garra fasciacauda	4
Glyptothorax lampris	1
Gyrinocheilus pennocki	11

Hampala dispar	8
Hampala macrolepidota	17
Helicophagus leptorhynchus	1
Helicophagus waandersii	8
Hemibagrus filamentus	46
Hemibagrus wyckii	1
Hemibagrus wyckioides	17
Hemimyzon papilio	3
Hemisilurus mekongensis	19
Henicorhynchus lineatus	2
Henicorhynchus lobatus	8
Henicorhynchus siamensis	23
Homaloptera tweediei	8
Hypsibarbus lagleri	39
Hypsibarbus malcolmi	15
Hypsibarbus vernayi	2
Hypsibarbus wetmorei	6
Kryptopterus cheveyi	13
Labeo chrysophekadion	34
Labiobarbus leptocheilus	23
Laides longibarbis	12
Laubuka laubuca	8
Luciosoma bleekeri	7
Macrognathus sp.	2
Mastacembelus armatus	3
Mekongina erythrospila	30
Mystacoleucus atridorsalis	6
Mystacoleucus greenwayi	43
Mystacoleucus marginatus	45
Mystus singaringan	1
Nemacheilus longistriatus	10
Nemacheilus masyae	2
Neosalanx sp.	2
Onychostoma gerlachi	2
Opsarius koratensis	39
Oreochromis niloticus	19
Oryzias haugiangensis	9
Oryzias minutillus	42
Osteochilus lini	6
Osteochilus microcephalus	7
Osteochilus vittatus	9
Pangasianodon hypophthalmus	16
Pangasius bocourti	2
Pangasius conchophilus	2
Pangasius macronema	38
Pao cambodgiensis	7
Pao cochinchinensis	17
Pao suvattii	3
Paralaubuca barroni	11
Paralaubuca typus	41
Parambassis siamensis	47

Pethia stoliczkana	2
Phalacronotus bleekeri	10
Poropuntius laoensis	3
Poropuntius normani	23
Pristolepis fasciata	7
Pseudolais pleurotaenia	15
Puntigrus partipentazona	3
Puntioplites falcifer	46
Raiamas guttatus	37
Rasbora paviana	15
Rasbora tornieri	40
Rhinogobius changtinensis	45
Scaphiodonichthys acanthopterus	4
Scaphognathops bandanensis	33
Scaphognathops stejnegeri	14
Sikukia gudgeri	46
Syncrossus beauforti	5
Syncrossus helodes	3
Systomus jacobusboehlkei	1
Systomus orphoides	2
Tenualosa thibaudeaui	28
Tor sinensis	3
Trichopodus microlepis	3
Trichopodus pectoralis	3
Trichopsis vittata	5
Xenentodon cancila	14
Yasuhikotakia caudipunctata	18
Yasuhikotakia eos	3
Yasuhikotakia lecontei	34
Yasuhikotakia modesta	11
Yasuhikotakia morleti	15
Yasuhikotakia sp.	3