List of Abbreviations

ACE	=	Atomic contact energy
ADG	=	Average daily growth
ANOVA	=	Analysis of variance
APHA	=	American public health association
ARB	=	Antibiotic-resistant bacteria
BLAST	=	Basic local alignment search tool
BLM	=	Bacterial load of mud
BLW	=	Bacterial load of pond water
BOD	=	Biological oxygen demand
bsh	=	Bile salt hydrolase
cfu	=	Colony forming unit
CIFA	=	Central institute of freshwater aquaculture
DMRT	=	Duncan multiple range test
DO	=	Dissolved oxygen
EBT	=	Eriochrome Black T
EDTA	=	Ethylenediaminetetraacetic acid
FAO	=	Food and agriculture organization
FCR	=	Feed conversion ratio
GFSI	=	Global food security index
GIS	=	Geographic information system
HDL	=	High density lipoprotein
ICAR	=	Indian council of agricultural research
IDW	=	Inverse-distance weighting
IUCN	=	International union for conservation of nature
LDL	=	Low density lipoprotein
LG	=	Length gain
LWG	=	Live weight gain
MATLAB	=	Matrix laboratory
MRS	=	De Man, Rogosa and Sharpe

MTCC	=	Microbial type culture collection
NA	=	Nutrient agar
NBFGR	=	National bureau of fish genetic resources
NCBI	=	National centre for biotechnology information
NSS	=	Normal saline solution
PBS	=	Phosphate-buffered saline
PCR	=	Polymerase chain reaction
PER	=	Protein efficiency ratio
pH	=	Potential of hydrogen
PI	=	Protein intake
ppm	=	Parts per million
PUFA	=	Polyunsaturated fatty acid
PWG	=	Percentage weight gain
rDNA	=	Ribosomal DNA
RGR	=	Relative growth rate
rpm	=	Revolutions per minute
SD	=	Standard deviation
SE	=	Standard error
SGR	=	Specific growth rate
SIFs	=	Small indigenous fishes
SPSS	=	Statistical package for the social sciences
SR	=	Survival rate
TDCA	=	Taurodeoxycholic acid
TDS	=	Total dissolved solid
TH	=	Total hardness
TSA	=	Tryptone soya agar
TSB	=	Tryptone soya broth
VLDL	=	Very low density lipoprotein
WWF	=	World wide fund for nature