

## **List of Abbreviations**

<b>ANOVA</b>	<b>: Analysis of Variance</b>
<b>µg/L</b>	<b>: Microgram per liter</b>
<b>µmole</b>	<b>: Microgram mole</b>
<b>° C</b>	<b>: Degree Celsius</b>
<b>12S rDNA</b>	<b>: 12 Subunit Ribosome Deoxynucleic acid</b>
<b>16S rDNA</b>	<b>: 16 Subunit Ribosome Deoxynucleic acid</b>
<b>16S RNA</b>	<b>: 16 Subunit Ribosome Ribonucleic acid</b>
<b>AT content</b>	<b>: Adenine -Thymine Content</b>
<b>BLAST</b>	<b>: Basic Local Alignment Search Tool</b>
<b>BOLD</b>	<b>: The Barcode of Life Data System</b>
<b>Bp</b>	<b>: Base pair</b>
<b>COI</b>	<b>: Cytochrome oxidase subunit 1</b>
<b>CTAB</b>	<b>: Cetyl trimethylammonium bromide</b>
<b>EDTA</b>	<b>: Ethylenediaminetetraacetic acid</b>
<b>EPA</b>	<b>: Environmental Protection Agency</b>
<b>EtBr</b>	<b>: Ethidium bromide</b>
<b>FAO</b>	<b>: Food and Agriculture Organization</b>
<b>GC content</b>	<b>: Guanine – Cytosine content</b>
<b>iTOL</b>	<b>: Tree of Life</b>
<b>mg/L</b>	<b>: Milligram per liter</b>
<b>ML</b>	<b>: Maximum Likelihood</b>
<b>mm</b>	<b>: Milli meter</b>
<b>NCBI</b>	<b>: National Centre for Biotechnology Information</b>
<b>NJ method</b>	<b>: Neighbour Joining method</b>
<b>OD</b>	<b>: Optical Density</b>
<b>Ops</b>	<b>: Organophosphate</b>
<b>PCR</b>	<b>: Polymerase chain reaction</b>
<b>PI</b>	<b>: Percentage Incidence</b>
<b>pmol</b>	<b>: picogram mole</b>
<b>PPM</b>	<b>: parts per million</b>
<b>rDNA</b>	<b>: Ribosome Deoxy nucleic acid</b>
<b>RNA</b>	<b>: Ribonucleic acid</b>
<b>RNAi</b>	<b>: RNA interference</b>
<b>rpm</b>	<b>: Revolutions per minute</b>
<b>rRNA</b>	<b>: Ribosome Ribonucleic acid</b>
<b>SEM</b>	<b>: Standard Error Mean</b>
<b>SI</b>	<b>: Severity Index</b>
<b>SPSS</b>	<b>: Statistical Package for the Social Sciences</b>
<b>WHO</b>	<b>: World Health Organization</b>
<b>ZSI</b>	<b>: Zoological Survey of India</b>