

## LIST OF FIGURES

Chapter	Plate No.	Figure No.	Caption
III	1	A	<u>A. grayii</u> -showing alimentary tract
	1	B	<u>A. grayii</u> -showing mucosal folds in organs of alimentary tract
	2	1	T.S. of esophagus of <u>A. grayii</u> stained with H-E
		2	T.S. of esophagus of <u>A. grayii</u> stained with PAS
		3	T.S. of esophagus of <u>A. grayii</u> stained with AB pH 1.0
		4	T.S. of esophagus of <u>A. grayii</u> stained with AB pH 2.5
		5	T.S. of proventriculus of <u>A. grayii</u> stained with H-E
		6	T.S. of proventriculus of <u>A. grayii</u> stained with PAS
		7	T.S. of proventriculus of <u>A. grayii</u> stained with AB pH 1.0
		8	T.S. of proventriculus of <u>A. grayii</u> stained with AB pH 2.5
	3	9	T.S. of gizzard of <u>A. grayii</u> stained with H-E
		10	T.S. of gizzard of <u>A. grayii</u> stained with H-E (magnified)
		11	T.S. of gizzard of <u>A. grayii</u> stained with PAS
		12	T.S. of gizzard of <u>A. grayii</u> stained with AB pH 1.0
		13	T.S. of gizzard of <u>A. grayii</u> stained with AB pH 2.5
		14	T.S. of duodenum of <u>A. grayii</u> stained with H-E
		15	T.S. of duodenum of <u>A. grayii</u> stained with PAS
		16	T.S. of duodenum of <u>A. grayii</u> stained with AB pH 1.0

## LIST OF FIGURES (Contd..)

Chapter	Plate No.	Figure No.	Caption
III	4	17	T.S. of duodenum of <u>A. grayii</u> stained with AB pH 2.5
		18	T.S. of small intestine of <u>A. grayii</u> stained with PAS
		19	T.S. of small intestine of <u>A. grayii</u> stained with AB pH 1.0
		20	T.S. of large intestine of <u>A. grayii</u> stained with H&E
		21	T.S. of large intestine of <u>A. grayii</u> stained with PAS
		22	T.S. of large intestine of <u>A. grayii</u> stained with Ph - PAS
		23	T.S. of large intestine of <u>A. grayii</u> stained with AB pH 1.0
		24	T.S. of large intestine of <u>A. grayii</u> stained with AB pH 2.5

The following abbreviations, colours and staining intensities were used in the tables and captions to figures in this dissertation

---

Abbreviations :

PAS	--	Periodic acid schiff reagent
Ph	--	Phenylhydrazine
D	--	Diastase
AB	--	Alcian blue 8 GX - 300
AF	--	Aldehyde fuchsin
M 37	--	Mild methylation
DM 37	--	Mild methylation - saponification
M 60	--	Active methylation
DM 60	--	Active methylation - saponification
AH	--	Acid Hydrolysis
Hyal	--	Hyaluronidase
Neur	--	Neuraminidase

Colours :

P	--	Pink
B	--	Blue
PB	-	Purple blue
BP	-	Bluish purple
O	-	Orthochromatic blue
M	-	Metachromatic pink or red

Intensity of Staining :

++++	--	Intense
+++	--	Moderate
++	--	Weak
+	--	Poor
±	--	Trace
-	--	Negative

---