

LIST OF FIGURES(A. phoenicurus phoenicurus)

Chapter	Plate No.	Fig. No.	Caption	
Three	1	1	T.S. of oesophagus stained with H-E	
		2	T.S. of oesophagus stained with PAS	
		3	T.S. of oesophagus stained with AB pH 1	
		4	T.S. of oesophagus stained with AB pH 2.5	
		5	T.S. of oesophagus stained with AB pH 2.5 PAS	
		6	T.S. of oesophagus stained with AF	
	2	7	7	T.S. of Proventriculus stained with H-E
			8	T.S. of Proventriculus stained with PAS
			9	T.S. of Proventriculus stained with AB pH 1
			10	T.S. of Proventriculus stained with AB pH 2.5
			10a	T.S. of Proventriculus stained with AB pH 2.5 (enlarge)
	3	12	11	T.S. of Proventriculus stained with AB pH 2.5 PAS
			12	T.S. of Ventriculus stained with H-E (distal half portion)
			13	T.S. of Ventriculus stained with H-E (proximal half portion)
			14	T.S. of ventriculus stained with PAS
			15	T.S. of ventriculus stained with Ph-PAS
			16	T.S. of ventriculus stained with D-PAS
			17	T.S. of ventriculus stained with AB pH 1
18	T.S. of ventriculus stained with AB pH 2.5 PAS			

LIST OF FIGURES (Contd..)

Chapter	Plate No.	Fig. No.	Caption	
Three	4	19	T.S. of duodenum stained with H-E	
		20	T.S. of duodenum stained with PAS	
		21	T.S. of duodenum stained with AB pH 1	
		22	T.S. of duodenum stained with AB pH 2.5	
		23	T.S. of duodenum stained with AB pH 1-PAS	
		24	T.S. of duodenum stained with AB pH 2.5-PAS showing gland.	
	5		25	T.S. of ileum stained with H-E
			26	T.S. of ileum stained with AB pH 1
			27	T.S. of ileum stained with AB pH 2.5
			28	T.S. of ileum stained with AB pH 1-PAS
			29	T.S. of large intestine stained with H-E
			30	T.S. of large intestine stained with PAS
	6		31	T.S. of large intestine stained with AB pH 1
			32	T.S. of large intestine stained with AB pH 2.5
			33	T.S. of large intestine stained with AB pH 1-PAS
			34	T.S. of large intestine stained with AB pH 2.5 - PAS
			35	T.S. of large intestine stained with AF-AB pH 2.5
			35a	T.S. of large intestine stained with AF-AB pH 2.5 (enlarge).

Following abbreviations were used for Histochemical techniques, colours and intensities of staining.

A) Abbreviations for Histochemical techniques :

PAS	-	Periodic acid Schiff's reagent.
Ph	-	Phenylhydrazine
D	-	Diastase
AB	-	Alcian blue
AF	-	Aldehyde fuchsin
MM37	-	Mild methylation
AM60	-	Active methylation
MM37-Sap.	-	Mild methylation-Saponification
AM60-Sap.	-	Active methylation-Saponification
AH	-	Acid hydrolysis
Neur	-	Neuraminidase
Hyal	-	Hyaluronidase

B) Colours :

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

C) Intensity of Staining :

++++	---->	Intense
+++	---->	Moderate
++	---->	Weak
+	---->	Poor
<u>+</u>	---->	Trace
-	---->	Negative