

C O N T E N T S

CHAPTER		PAGE
	INTRODUCTION	†
I	Seasonal variations of lipids and cholesterol in liver, gonads and blood plasma of feral blue rock pigeon <u>Columba livia</u> G.	10
II	Observations on cyclic histochemical variations of lipids and steroid dehydrogenases in testes of Indian feral blue rock pigeon <u>Columba livia</u> G.	28
III	Seasonal histochemical variations of lipids and steroid dehydrogenases in ovaries of feral blue rock pigeon <u>Columba livia</u> G.	49
IV	Histochemical observations on 3 OC- and 17 β - hydroxysteroid dehydrogenases in extra gonadal tissues of feral blue rock pigeon <u>Columba livia</u> G.	72
V	Variations of ascorbic acid concentrations in the liver, gonads, kidney and blood serum of feral blue rock pigeon <u>Columba livia</u> G. during the breeding and non-breeding phases.	88

CHAPTER		PAGE
VI	Variations in the levels of lipogenic enzymes in the liver and gonads of feral blue rock pigeon <u>Columba livia</u> G.	101
VII	Seasonal changes in body weight, gonadal weight and gonadal histology in the feral blue rock pigeon <u>Columba livia</u> G.	116
	SUMMARY	135
	GENERAL CONSIDERATIONS	140
	BIBLIOGRAPHY	154