Synopsis

"Studies on the biology of the cestode parasites of birds in Maharashtra".

A large number of cestode parasites were collected from edible birds as well as common birds during October, 1975 to July 1978 from Aurangabad, Jalna, Paithan, Daulatabad, Udgir and Bodhgaon from Ahmednagar district.

The thesis comprises of two parts.

Part I deals with the cestodes of the orders Davaineidea, Anoplocephalidea and Hymenolepididea. Part II consists of the cestodes of the order Dilepididea.

The species of the cestodes described in this work are belonging to four orders, five families, twelve genera and twenty one species.

PART I

This part deals with the study of three families:
1) Davaineidae, 2) Thysanosomidae, 3) Hymenolepididae.

The cestode parasites described in this part are as follows:
2 Raillietina (Fuhrmanetta) echinobothrida
   Megnin, 1880
3 Mogheia nagpurensis n.sp.
4 Mogheia somervillei n.sp.
5 Mogheia daulatabadensis n.sp.
6 Mogheia asiatica n.sp.
7 Hispaniolepidoides vimalii n.sp.

A key to the species of the genus Mogheia
Lopez-Neyra, 1944 is provided.

PART II

This part deals with the study of two families,
1) Dilepididae, 2) Dipylidiidae. One new genus from
the family Dilepididae is described. The genera and
species described from the families are as follows:

1 Aliangularia aurangabadensis gen. et sp. nov.
2 Amoebotaenia domesticus n.sp.
3 Anomotaenia binzui Yamaguti, 1956
4 Dilepis orientalis Yamaguti, 1956
5 Lapwingia jalnaensis n.sp.
6 Neoliga kendliensis n.sp.
7 *Sureshia* singhi n.sp.
8 *Sureshia* shindei n.sp.
9 *Sureshia* elloraii n.sp.
10 *Sureshia* kusumii n.sp.
11 *Thaparea* udgirensis n.sp.
12 *Choanotaenia numenii* Owen, 1946.
13 Larvae (two)

Keys to the species of the genus *Lapwingia*
Singh, 1952 and *Sureshia* Ali et Shinde, 1966 are
provided.

*A detailed list of literature is included.*

Reprint of one published paper and the manuscript
of one paper accepted for publication are submitted in
support of the thesis.