PREFACE
Birds are one of the components of the food cycle in ecology. To maintain the life of these birds, there are sanctuaries in our country. The Bharatpur, Ghana, Sultanpur etc are some of the examples.

As majority of the human beings utilize the birds as one of the nutritious food and are misfortunate as are being infected, if it is not properly cooked. The infection of cestode in birds reduces their food value, so also causes many diseases to human beings.

The cestode parasites are found in birds throughout the world. So far very little work is done as compared to wealth of information available in and around the world.


Keeping in view the economic value and importance of the human survival through birds as food, the author has undertaken this work.

The author has conducted many tours in Nanded District for the collection of cestode parasites from birds. The cestode parasites were collected at Loha, Kandhar, Nanded, Mukhed, Naigaon Biloli, Dharmabad, Kinwat, Bhokar, Hadgaon, Degloor etc.

The live specimens of cestode parasites where collected, these cestode parasites were fixed in 4% formalin for taxonomical studies and some fresh cestode parasites were taken for the study of Biochemical parameters viz. glycogen, proteins, and lipids the cestodes were passed through different
alcoholic grades and were stained with Harri’s Haematoxyylene or Borax caramine cleared in xylene, mounted in D.P.X. The drawings are made with the aid of Camera lucida. All the measurements are in millimeters unless otherwise indicated.


This study will add more to our knowledge about the avain tapeworms from Nanded. The author has tried his level best to represent the Biosystematics of avian cestodes and made a detailed survey of cestode parasites from Nanded, (M.S.) India.

The thesis has three sections. Section I deals with Taxonomy of cestodes parasites, section IInd includes studies on Biochemical aspects and section III deals with the Bibliography.

All the slides are deposited in the Post Graduate Department of Zoology Yeshwant Mahavidyalaya, Nanded (M.S.) India.