SYNOPSIS OF THE THESIS

The thesis comprises of two parts. The first part deals with the cestode parasites, of the following two orders:

(1) Pseudophyllidea,
(2) Proteocephalidea.

The second part deals with the cestodes of following three orders:

(1) Anoplocephalidea
(2) Hymenolepididea
(3) Dilepididea

The cestodes described in this thesis, belong to 5 orders, 7 families, 10 genera and 18 species.

PART: I

This part deals with the study of 2 families:

(1) Pseudophylllobothridae.
(2) Proteocephalidae.

The genera and species described in this part are as follows

(1) Diphylllobothrium stemmacephalum Cobbold, 1858.
(2) Gangesia parbhaniensis n.sp.
(3) Gangesia wallagoi n.sp.
(4) Gangesia attuae n.sp.
(5) Silurotaenia makiensis n.sp.
(6) *Silurotaenia ganyakhedensis* n.sp.

(7) *Silurotaenia singhi* n.sp.

Keys to the species of the genera *Gangesia* and *Silurotaenia* are also provided.

**PART : II**

*This part deals with the study of five families :*

(1) Anoplocephalidae

(2) Linstowiidae

(3) Hymenolepididae

(4) Dipylidiidae

(5) Dilepididae

The genera and the species described in this part are as follows:

(1) *Killigrewia frivola* Megyitt, 1927.

(2) *Moniezia (B.) manwatensis* n.sp.

(3) *Moniezia (B.) bharalae*  

(4) *Oochoristica bivittellalobata*  
Loewen, 1940.

(5) *Oochoristica okjahomensis*  
Peery, 1939.
(6) **Hymenolepis pennanti** Nama, 1974.

(7) **Vampirolepis jayshriae** n.sp.

(8) **Vampirolepis carvusi** n.sp.

(9) **Diplopylidium shindei** n.sp.

(11) **Valipora tristisi** n.sp.

Keys to the species of the genera *Moniezia*, *Vampirolepis*, *Diplopylidium* and *Unciunia* are provided.

**NOTE:**

In the synopsis submitted earlier, in Part-I, at serial number 7, the cestode, mentioned as *Raillietina*, redescription; on closer observation, it turned out, to be a new species, under the genus *Silurotaenia* and is named as *Silurotaenia singhi* n.sp. In Part-II of the synopsis, at serial No. 8 a tapeworm is mentioned, as *Vampirolepis*, Redescription; on closer observation, showed many distinct and differentiating characters, for which a new species is erected and is named as *Vampirolepis carvusi* n.sp.