MATERIALS
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For the taxonomical study of cestode parasites of birds, intestines of *Gallus gallus domesticus* were collected from different localities of Nanded district as well as birds were collected from various places of Nanded district during July 2006 to June 2009.

Cestode parasites were collected and preserved in 4% formalin for biosystematic study. Collected worms were washed in distilled water, stained with Boarax caramine or Harri's Haematoxylene, worms were passed through various alcoholic grades such as 30%, 50%, 70%, 90% and absolute alcohol, cleared in xylene and mounted in D.P.X. or Canada balsam. Drawings were made with the aid of Camera lucida. All the measurements are recorded in millimeters, unless otherwise mentioned.

For biochemical studies of avian cestode parasites, birds were collected from different areas of Nanded district, M.S. India. Generally mature worms of same size and length were choosen.

Biochemical parameters worked out are glycogen, proteins and lipids. For the determination of glycogen content Kemp et. al., 1954 method is followed; the total protein content is biochemically estimated by Gornell et. al., 1949; the total lipid content is estimated following the method of Folch et.al., 1957.