Review of Literature
2. REVIEW OF LITERATURE

International status:

Mercet (1921) was the pioneer worker on chalcid Taxonomy who published on the Spanish Fauna. Though old but his some publications are being consulted for the validity of several genera and species.

The following are some of the major contributions on the Encyrtidae of various zoogeographical regions of the world: Tachikawa (1963, on Japanese fauna); De Santis (1964, on Argentine fauna); Erdős (1964, on Hungarian Fauna); Trjapitzin (1989, on Palaearctic Fauna); Mani (1989, on Indian Fauna); Noyes (2000 & 2010, on Costa Rican genera); Hayat (2006, on Indian fauna).

Keys for identification of encyrtid genera were given by Prinsloo & Annecke (1979, Afrotropical genera); Noyes (1980, Neotropical genera); Noyes & Hayat (1984, Indo-Pacific genera); Hayat (1985, India & Adjacent counties); Trjapitzin (1989, Palaearctic genera); Noyes et al. (1997, Nearctic genera); Noyes (2000, Costa Rica); Hayat (2006, Indian genera).

In addition to above, Noyes (1990) provided generic key to encyrtid parasitoids of diaspids (Diaspididae) and a key to encyrtid parasitoids of soft scale insects (Coccidae) was given by Prinsloo (1997). Further, host-parasitoid lists were given for the world by Tachikawa (1981).

National status:

Cameron (1913) described a new genus *Lissencyrtus* and a species, *clavicornis*, placed doubtfully in *Copidosoma*, this was appeared to be first report of Encyrtids from India.

Gahan (1919) recorded some and described one new species, *Aphycus fuscidorsum* (=*Metaphycus fuscidorsum*).

Ayyar (1932, 1934) described two species, *Tetracnemus indicus* (=*Tetracnemoidea indica*) and *Comperiella indica*, subsequently, Mani (1935) described a new genus and species, *Krishnieriella ceroplastodis* (=*Anicetus*).

Mani (1938) catalogued 19 species in 16 genera of the family Encyrtidae from India. After a gap of three decades, the main contribution on the family was provided by the several authors, but the following contributions deserve mention.

Besides, some important revisional studies and reviews on the Encyrtidae from India and its adjoining countries were conducted by the following authors:

- Hayat (2006) reviewed the family from India.
- Usman & Zeya (2014) reviewed the Indian genera of *Tetracnemus* Westwood.