PART-II
LINSTOWIIDAE
DAVAINEIDAE
ANOPLOCEPHALIDAE
HYMENOLEPIDIDAE
THYSANOSOMIDAE
Oochoristica indica Mishra, 1945.
(Preserved in formalin.) x 100
Eucestoda  
Wardle McLeod and Radinovsky, 1974.

Anoplocephalidea  
Wardle, McLeod and Radinovsky, 1974.

Linstowiidae  
Fuhrmann, 1932.

Oochoristica  
Luhe, 1898

Oochoristica indica Misra, 1945.

DESCRIPTION

Five specimens of the cestode parasites were collected, from the intestine of a Lizard, Calotes versicolor, (Daudin, 1802) at Washim, Dist. Washim, M.S., India, in the month of April, 2004.

Two specimens were preserved in 4% formalin, wash with distilled water, passed through alcoholic grades, mount in D.P.X. stained with Harris Haematoxyline and slides were prepared for anatomical studies.

All the cestodes were long, wide, having thick musculature, with scolex, numerous immature and mature segments.
The scolex is medium in size, almost squarish in shape without rostellum and rostellar hooks, with thick musculature, measures 0.289 in length and 0.255 - 0.371 in width. Scolex bears 4 suckers, which are oval in shape, medium in size and measures 0.119 - 0.189 in length and 0.119 - 0.138 in width arranged in two pairs, one pair in each half of it and equidistantly placed.

The neck is very long, wide almost uniform in width and measures 1.210 in length and 0.398 - 0.569 in width, longer than broad.

The mature segments are squarish, with regular lateral margins and measure 0.445 - 0.475 in length and 0.519 - 0.582 in width. The testes are small in size, oval in shape, 37 - 39 in number, in a single field, evenly distributed, postovarian, in the posterior region of the segment, posterior to the vitelline gland, in the central medulla and measure 0.019 - 0.022 in length and 0.016 - 0.018 in width. The cirrus pouch is cylindrical, elongated, opening marginally, extending transversely up to one third region of the segment, at 1/6 from the anterior margin of the segment and measures 0.249 in length.
PLATE - IV

Oochoristica indica, Misra, 1945.
A : Scolex.
B : Mature segment.
and 0.043 - 0.088 in width. The cirrus is thin, slightly coiled and measures 0.260 in length and 0.005 in width. The vas deferens is short, narrow and measures 0.018 in length and 0.005 in width.

The ovary is bilobed, follicular, almost in the centre of the segment, just anterior to the middle of the segment, obliquely placed and measures 0.285 in length and 0.155 - 0.173 in width. Each ovarian lobe is with five to six, big, finger-shaped acini. The vagina is a thin tube, starts from the genital pore, posterior to the cirrus pouch, runs almost transversely upto one third of the segment, takes a curve, runs obliquely, posterior, reaches and opens into the ootype and measures 0.434 in length and 0.009 - 0.014 in width. The ootype is large in size, oval in shape, posteroverentral to the isthmus and measures 0.183 in length and 0.038 - 0.048 in width. The genital atrium is medium in size, oval in shape, highly muscular and measures 0.111 in length and 0.024 in width. The genital pores are small in size, oval in shape, marginal, at 1/8th from the anterior margin of the segment, irregularly alternate and measure 0.035 in length and 0.008 in width. The vitelline gland is large, irregular in shape, postovarian, almost in the centre of the segment, just posterior to the middle of the segment and measures 0.145 in length and 0.097 in width.
DISCUSSION

The genus *Oochoristica* was erected by Luhe, 1898 as a type species, *O. tuberculata*, reported from *Lacerta, Eumeces, Cerastes, Agna, Uromastix, Varanus, Eryx* etc. from Europe, also in *coelopeltis* sp. in Morocco.

On closer observations the worms under discussion, after considering the number of testes, come closer to *Oochoristica indica*, Misra, 1945. The worms resemble with the same in many characters but differ from it in few characters which are as follows:

1. The present cestode differs from *O. indica*, Misra, 1945, in the shape of the scolex (Squarish vs. triangular).

2. The present cestode differs from the same in the shape and position of cirrus pouch (Cylindrical, elongated vs. fusiform, long and transversely placed).

3. The present form differs from it in the structure of ovary bilobed, follicular vs. bilobed, lobes with 8 - 9 acini).
As the characters are minor, the present cestodes are redescribed here as *Oochoristica indica*, Misra, 1945. The present worms are being reported from a reptilian host *Calotes versicolor*, at Washim. Dist. Washim, M.S., India.

<table>
<thead>
<tr>
<th>Type species</th>
<th><em>Oochoristica indica</em>, Misra, 1945.</th>
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<tbody>
<tr>
<td>Host</td>
<td><em>Calotes versicolor</em></td>
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<tr>
<td>Habitat</td>
<td>Intestine</td>
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<tr>
<td>Locality</td>
<td>Washim Dist. Washim, M.S., India.</td>
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<td>Date of collection</td>
<td>11th April, 2004.</td>
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</tbody>
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