

ARTICLE REVIEW  
REPORT



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## ORIGINAL ARTICLE

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DESCRIPTION OF PROTOZOAN CILIATE ENTODINIUM SIMULANS F.LOBOSPINOSUM (LUBINSKY, 1957) AS A FIRST HOST RECORD FROM RUMEN OF CATTLE IN INDIA. (BOS INDICUS)

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S. A. Kulkarni

### ABSTRACT

Rumen fluid samples of adult Indian cattle (*Bos Indicus*) were collected and observed to study the morphology of rumen ciliate protozoa belonging to genus *Entodinium*. The present paper deals with the morphology of species *Entodinium simulans f. lobospinosum* (Lubinsky, 1957) from the rumen of Indian cattle. The body measurement, frequency distribution and variation in the character are recorded. Critical comments are made on its specific identity. The observations are based on a study of 50 specimens taken at random from different samples.

### Article Indexed in



Correspondence to S. A. Kulkarni

Designation:-Associate Professor and Head, Department of Dairy Science , Adarsh College, Hingoli.(MS) (India)

## REVIEW OF THE ARTICLE

Description Of Protozoan Ciliate Entodinium Simulans F.lobosporosum (Iubinsky, 1957) As A First Host Record From Rumen Of Cattle In India.(BOS INDICUS)

S. A. Kulkarni

### **Abstract and Introduction:**

Rumen fluid samples of adult Indian cattle (*Bos Rindicus*) were collected and observed to study the morphology of rumen ciliate protozoa belonging to genus *Entodinium*. The abstract was complete and essential details were presented. Introduction was justifying. Importance of the area under study mentioned clearly in Introduction.

### **Methodology:**

Author described methodology in detail. Rumen fluid samples were collected for the present study from Indian adult cattle (*Bos indicus*) slaughtered at abattoirs in Hingoli district of Maharashtra state in India. On the removal of stomach, rumen was slightly punctured and 10ml. rumen fluid was collected in a vial. It was centrifuged and preserved adding 1:1 glycerine:alcohol solution. A drop of this material was taken on a glass slide for observing ciliates in living condition under research microscope.

### **Presentation of Results:**

The amount of data presented was sufficient and appropriate. Tables, graphs, or figures were used judiciously and agree with the text. The Variation in the body characters are recorded and critical comments are made on its specific identity. The observation are based on a study of 50 specimens taken at random from different rumen fluid samples of Indian Cattle.

### **Scientific Conduct:**

There are no instances of plagiarism. Ideas and materials of others are correctly attributed.

### **Relevance:**

The study was relevant to the mission of the journal or its audience. The study was worth doing.

### **References:**

Author mentioned references according to the need of the study.

**SUMMARY OF ARTICLE**

No.		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✓				
2.	Originally & Novelty of the ideas		✓			
3.	Importance of the proposed ideas	✓				
4.	Timelines			✓		
5.	Sufficient information to support the assertions made & conclusion drawn	✓				
6.	Quality of writing (Organization, Clarity, Accuracy Grammer)		✓			
7.	References & Citation (Up-to-date, Appropriate Sufficient)		✓			

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- 2.Post-prandial reactive hypoglycemia and diarrhea caused by idiopathic accelerated gastric emptying: A case report.
- 3.Host Parasite Microparasites: Virus, Bacteria, Fungus, Protozoa.
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*T. N. Shinde*  
**T. N. Shinde**  
Editor-in-Chief

*Reviewed By :-*

**Mrs.Pallavi Rahul Chincholkar**

M.Sc, M.Ed, SET, NET

M.S (Guidance & Counseling)

Email : chicholkarpr@gmail.com

Mob : 09421044094

**LAXMI BOOK  
PUBLICATION**

Ph.: 0217-2372010 /  
+91-9595-359-435

Email.: ayisrj2011@gmail.com

Website:. www.isrj.org