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## Prilog poznavanju taksonomije i distribucije Euglenophyceae II (Euglenaceae: genus Trachelomonas Ehrb.) u slatkim vodama Crne Gore

### ABSTRACT

In this paper a small contribution about Euglenaceae: genus *Trachelomonas* inhabiting fresh-waters (some lakes and fish-pond) in Crna Gora is given. The material has been taken at irregular intervals during the period 1966-1975. 12 species of *Trachelomonas* are described here. Among them there are 9 completely new species to the flora of Crna Gora. All dimensions in this text were measured in microns.

### UVOD I MATERIJAL

U ovom radu dat je mali prilog poznavanju alga Euglenaceae -roda *Trachelomonas*, koje naseljavaju neke slatke vode u Crnoj Gori. Opisane su vrste koje žive u Skadarskom jezeru, Šaskom jezeru, Ridskom jezeru i u ribnjaku »Lješkopoljski lug«. Materijal je sakupljen u nejednakim intervalima u periodu od 1966.-1975. Ovdje su dati opisi 12 vrsta *Trachelomonas*-a od kojih je 9 novih u flori Crne Gore. Sve dimenzije u tekstu izražene su u mikronima. Ovaj prilog predstavlja dopunu rada na ovoj grupi alga (Petković, Sm. 1975).

## Euglenophyceae

### Euglenaceae

Genus: *Trachelomonas* Ehrb. 1833 emend. Deflandre 1926

*Trachelomonas armata* (Ehrb.) Stein sl. 1

Long 31, 25; lat. 23, 75

Skadarsko jezero: poplavno područje rijeke Zetice 5. VII 1972.  
Rudina (14. VIII 1974, 12. VII 1975), (+).

*Trachelomonas crebea* Kell. em. Defl. sl. 2

Long. 18,00; lat. 15,60; kragna 4,80 × 2,50.

Skadarsko jezero: Rudina (11. X 1966, 15. IX 1975).

Nova u flori Crne Gore.

*Trachelomonas furcata* Dolg. sl. 3

Long. 17,50; lat. 10,00; 1,7 × 1,5.

Ridsko jezero (7. VII 1970).

Nova u flori Crne Gore

*Trachelomonas granulata* Swir. em. Defl. sl. 4.

Long. 18,30; lat. 16,24.

Skadarsko jezero: Rudina (24. IX 1968, 15. IX 1975).

Nova u flori Crne Gore.

*Trachelomonas hispida* (Perty) Stein em. Defl. sl. 5

Long. 23,75-28,80; lat. 19,37-22,80.

Skadarsko jezero: Rudina (11. X 1966, 7. VIII 1975), Poplavno područje rijeke Zetice (5. VII 1972, 19. IX 1975), Lješkopoljski lug — ribnjak (24. VII 1975). Nova za ovaj lokalitet.

*Trachelomonas hispida* var. *coronata* Lemm. sl. 6

Long. 37,20-41,25; lat. 26,40-27,50.

Skadarsko jezero: Rudina (14. VI 1966, 26. X 1972, 15. IX 1975).

Nova u flori Crne Gore.

*Trachelomonas lacustris* Drez. sl. 7

Long. 25,62; lat. 10,00.

Skadarsko jezero: Podseljani (9. VIII 1973, 15. IX 1975), (+).

*Trachelomonas Lefevrei* Defl. sl. 8

Long. 24,37; lat. 18,75.

Skadarsko jezero: poplavna zona rijeke Zetice (5. VII 1972), Rudina (15. IX 1975).

Nova u flori Crne Gore.

*Trachelomonas planctonica* Swir. sl. 9

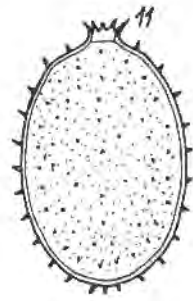
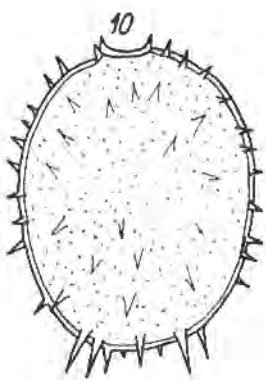
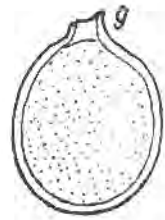
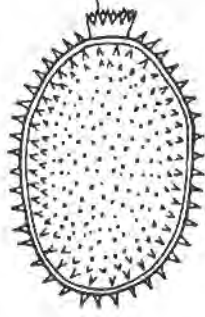
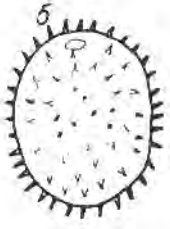
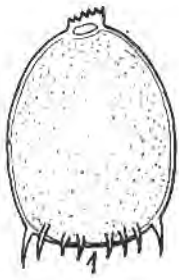
Long. 14,73-25,00; lat. 13,75-20,00.

Skadarsko jezero: Rudina (17. IX 1968, 7. VIII 1975), poplavno područje rijeke Zetice (5. VII 1972).

Nova u flori Crne Gore.

*Trachelomonas superba* var. *Swirentkiana* Defl. sl. 10

Long. 41,87; lat. 32,50.



- Skadarsko jezero: Rudina (14. VIII 1974, 15. IX 1975).  
 Nova u flori Crne Gore.  
 Trachelomonas sydneyensis Playf. sl. 11  
 Long. 37,20; lat. 25,20.  
 Skadarsko jezero: Rudina (30. VI 1966, 14. VIII 1975,  
 15. IX 1975).  
 Nova u flori Crne Gore.  
 Trachelomonas volvocina Defl. sl. 12  
 Diameter 15,00-27,50.  
 Skadarsko jezero: Rudina (5. VII 1972, 14. VIII 1974,  
 24. VII 1975), uvala kod željezničke stanice „Zeta“ (28. VIII 1975),  
 Šasko jezero (28. VIII 1972).  
 Nova u flori Crne Gore.

#### ZAKLJUČCI

Ovaj rad predstavlja kratak nastavak teksonomskih studija na slatkovodnim algama iz grupe Euglenaceae, posebno nekih vrsta roda Trachelomonas. Algenski materijal sakupljan je u neredovnim razmacima u periodu od 1966.-1975. iz nekoliko jezera: Skadarsko, Šasko i Ridsko i jednog ribnjaka — »Lješkopoljske lug« u blizini Titograda. Opisano je 12 vrsta Trachelomonas-a. Najveći broj ovih alga (9) nov je u flori Crne Gore.

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#### CONTRIBUTION TO THE KNOWLEDGE OF TAXONOMY AND DISTRIBUTION OF EUGLENOPHYCEAE II (EUGLENACEAE: GENUS TRACHELOMONAS) IN FRESH WATERS OF CRNA GORA

by

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#### Summary

This paper is a short continuation of the taxonomic studies on the fresh-water algae (Euglenaceae) of Crna Gora particularly on genus Trachelomonas. The algal material has been taken at irregular intervals during the period 1966-1975 from some lakes (Skadarsko, Šasko and Ridsko), and fish-pond — »Lješkopoljski lug«, near Titograd. 12 species of Trachelomonas are described. The biggest number of them (9) are new to flora of Crna Gora.

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