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-mail: lizavin@yandex.ru

EUGLENOPHYTA

(Euglenophyta)

207 (272
, 25 , 5 , 2 , 1 , 1 .
70 (101).
13 (14).
: Euglenophyta,

10,407 1081 2,
54 870
100

2 Euglenophyta

(, 1899).

XX

74 (87
) (, 1912; , 1928; , 1951, 1966, 1973;
, 1970; , 1976; , 1986, 1993; , 1987;
, 1997; , 2002; , 2003).

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1999-2006 . 219 , 24 , 14 , 4 , 4 , 2
 19 ().
 , (, ,
).

Au-Pd

Cambridge Scanning Microscope.

(, 1951, 1966;
 , 1970; , 1976; , 1986, 1993;
 1987; , 1989; Willis, 1922; Huber-Pestalozzi, 1955; Leedale, 1967; Starmach
 & Sieminska, 1983; Dillard, 2000; John et al., 2002).

207 (272
), 25 , 5 , 2 ,
 1 , 1 (, 1986) (.).

Euglenophyta .

Euglenophyceae, *Euglenales*, *Eutreptiaceae*,
Distigma – 2 (2), ***Eutreptia*** – 2 (2), *Euglenaceae*, *Trachelomonas* – 49 (80),
Strombomonas – 3 (4), *Euglena* 36 (53), *Lepocinclis* – 6 (11), *Phacus* –
 37 (51), *Cryptoglena* – 2 (2), *Colacium* – 3 (4), *Astasia* – 18 (18),
Cyclidiopsis – 1 (1), *Ascoglena* – 1 (1), *Monomorphyna* – 4(4),
Menoidiaceae, *Rhabdomonas* – 2 (2), *Menoidium* – 5 (6), ***Gyropaigne*** – 2
(2), . *Peranematales*, . *Peranemataceae*, *Peranema* – 6 (6), ***Heteronema***
 – 5 (5), *Dimetanomonas* – 1 (1), *Urceolus* – 4 (4), ***Anisonema*** – 4 (4),
Entosiphon – 3 (3), . *Petalomonadaceae*, *Petalomonas* – 6 (7),
Sphenomonas – 3 (3), ***Notosolenus*** – 2 (2).
 : – 1, – 1, – 2, – 5, – 25,
 – 207 (272).

146 (190 70 (101
).
).
 13 (14
),
 . 1, 2).

Euglenophyta

. Euglenophyceae

. EUGLENOPHYTA

. **Euglenales**

. Astasiaceae

astasia parva Pringsh. (. 1, 1)

., 6-7,5 , 21-25

A. granulata Pringsh. (. 1, 2)

9-12 , 32-40 ,

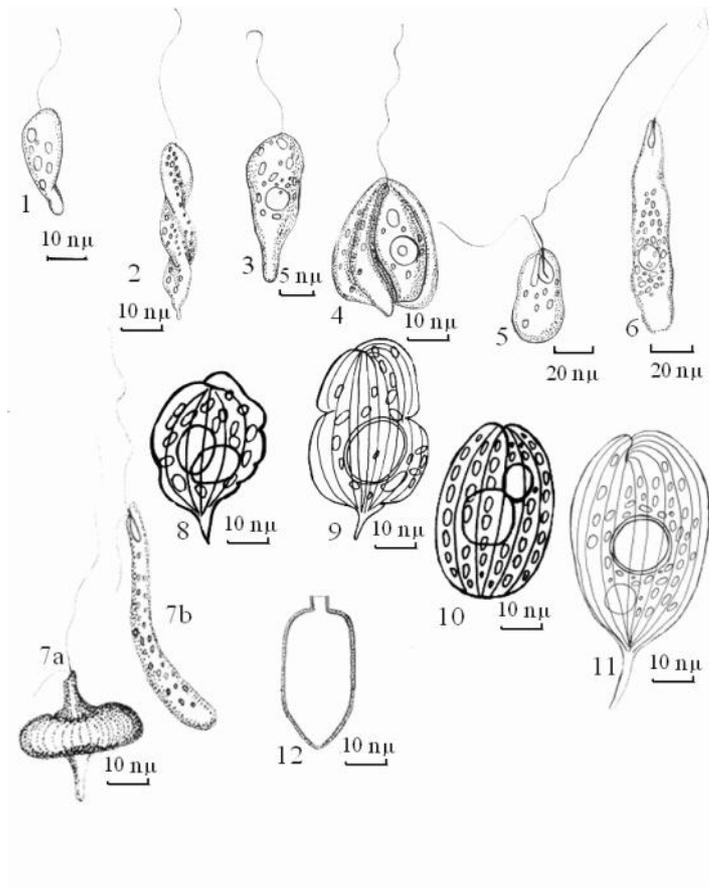
A. cylindrica Pringsh. (. 1, 3)

10 , 18-23 , 6,5-

. Petalomonadaceae

Petalomonas excavata Skuja (. 1, 4)

., 16,5-17,5 , 31-34,5 , 21,5-24



1. Euglenophyta, : 1 – *Astasia parva*; 2 – *A. granulata*; 3 – *A. cylindrica*; 4 – *Petalomonas excavata*; 5 – *P. macromastix*; 6 – *Heteronema tauricum*; 7a, b – *H. polymorphum*; 8 – *Phacus unguis*; 9 – *Ph. undulatus*; 10 – *Ph. nanos*; 11 – *Ph. ovalis*; 12 – *Trachelomonas dubia* f. *acuminate*

Peranematales

Peranemataceae

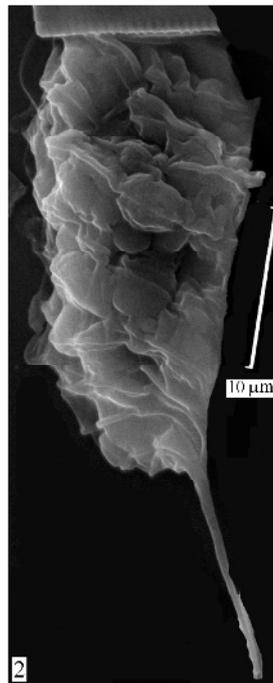
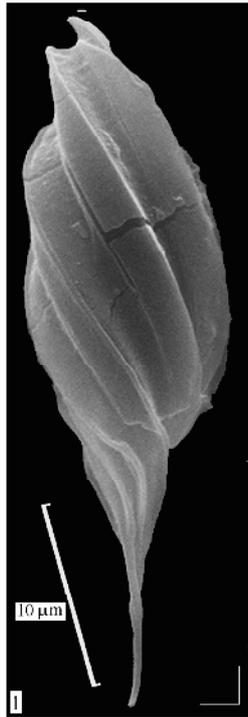
P. macromastix Conrad (1, 5)

, 30,5-58

., 16-37

2,

2-5



. 2.

Euglenophyta,

1 – *Monomorphyra megalopsis*; 2 – *Phacus rudicola*

Ph. ovalis (Woronich.) Popova (. 1, 11)

102

., 42-46

15-31-33

, 87-

324

Trachelomonas dubia f. *acuminata* Defl. (. 1, 12)

, 22,5-30 .., 10-16,5 . ,
 .
 : , , , , .

Monomorphyna megalopsis (Pochm.) Saf. (. 2, 1)

30-35 .., 13-16 .. .
 , .
 .
 : , , , , , .

Phacus rudicula (Playf.) Pochm. (. 2, 2)

24-35 .., 15-26 .. - ,
 ,
 13-18 . 7-9 .
 , .
 .
 : , , , , , .

E. Vinogradova, G. Belyakova

Department of Algology and Mycology, Biological Faculty, Moscow State University,
 119992 Moscow, Leninskie Gory, Russia
 E-mail: lizavin@yandex.ru

EUGLENOPHYTA OF WATER BASINS OF MOSCOW CITY AND MOSCOW REGION

The diversity of *Euglenophyta* in Moscow and Moscow region water basins was studied. 207 species (272 taxa of specific and infraspecific level) from 25 genera, 5 families, 2 orders, 1 class, 1 section

were found. Among them, 70 species (101 taxa) are reported for Moscow City for the first time. 13 species (14 taxa) are new for the whole territory of Russia.

Key words: *Euglenophyta*, Moscow region.

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... .. (Euglenophyta)
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... .. – 2003. – **108**, . 5. – . 48-53.
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... .., 2000. – 150 .
: / – :, 1989. – . 136-540.
... .., 1987. – 366 .
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... .., 1986. – . 1, . 1. – 345 .
... .. //
1993. – . 1, . 2. – 355 .
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... .. //
... .. – .., 1928. – . 404-422.
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... .., 1997.
... .. (Euglenineae); .., 1951. – . II, . 7. –
... .. 165-414.
... .. //; .., 1966. – . 8. – 412 c.
... .. // *Trachelomonas*, *Strombomonas*,
Eutreptia, *Euglena*. – М.; .., 1976. – . 2. – 285 .
... .., 1973. –
131 .
... .. – 247 .
... .. – .., 1978. – 248 .
... .. //, 1977. –
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