

(ELAEAGNACEAE JUSS.)

8 (=) 17
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AMINO ACID RESEARCH OF FAMILY ELAEAGNACEAE JUSS. PLANTS' LEAVES

Key words: family elaeagnaceae, Hippophae rhamnoides L., Elaeagnus angustifolia L., Elaeagnus muetiflora L., aminoacid research

By method of high performance liquid chromatography the qualititative composition and quantitative content of amino acid in leaves of Hippophae rhamnoides L., Elaeagnus angustifolia L. and Elaeagnus multiflora L. was determined. 17 amino acids, among which 8 irreplaceable: treonine, valine, metionine, leycine, izoleycine, fenilalanine, hystidine and lizine were revealed in all examined plants. Arginine and treonine were dominant substances. It was discovered that the maintenance of histidin in leaves of womanish form of Hippophae rhamnoides L. was 3 times, isoleucine - 4 times more than the proper maintenance of masculine form, that, certainly, can be a chemical marker of determination of Hippophae rhamnoides L. plants sex.

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FUCUS VESICULOSUS L.

— Fucus vesiculosus L.
(Phycos — vesiculosus, a, um — vesicula — -3 [1, 6].)
— Fu-
caceae (Phaeophyta).
26
300 [3, 4].

"Kelp"), 1860- [1, 6].
[9].
[4-7].

[1],
10
FE-140.

Olympus NO

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[3, 5, 8].

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[4].

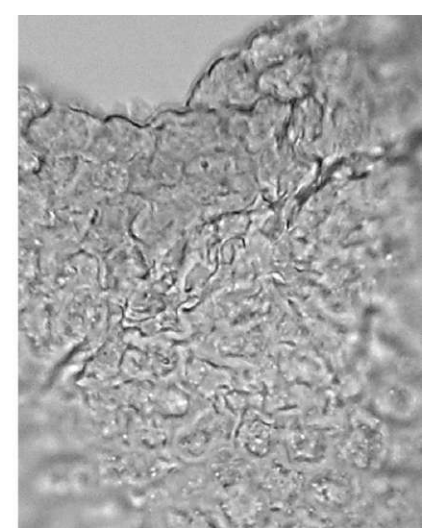
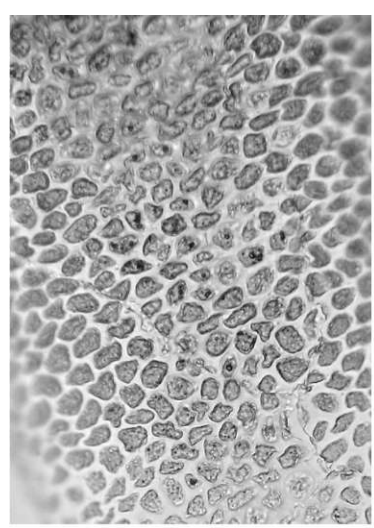
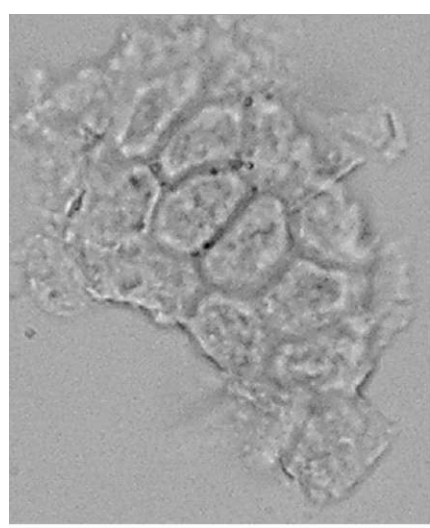
[8]. (. 1)

(. 1) (. 1).

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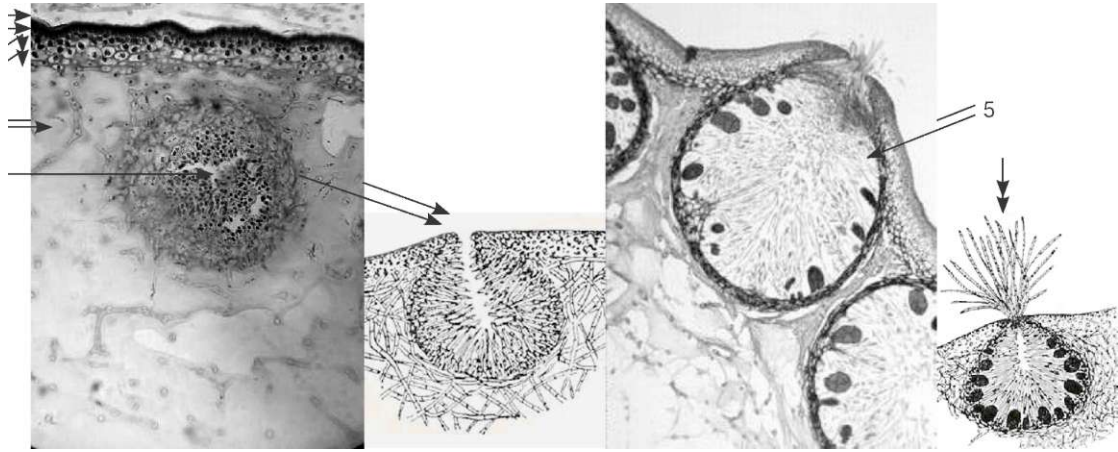
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0,2-0,4
(355) [9].

(1:1:1).



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2. ; 3 - ; 4 - : 1 - ; 2 - ; 5 -

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6.

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2007. - 1. - . 59-64. //

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(Fucus)

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24.12.2009

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FUCUS VESICULOSUS L.

FUCUS VESICULOSUS L.

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STUDY OF MACRO- AND MICROSCOPIC SIGNS OF THALLI OF FUCUS VESICULOSUS L.

Key words: fucus, microscopic study, anatomic structure

The study of macro- and microscopic signs of thalli of fucus was conducted. The dried and powdered raw material was used for researches. The basic diagnostic signs of raw material were set. Obtained results were used in creation of Ukrainian normative documentation on raw material.

613.322:582.795:581.145.1:613.014.24

[1, 3, 5, 6-9].

1:10.

90° ,

50%

(1 3)
(30, 60, 90,

120 180).

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[10-12].

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[2].

[4].

(
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24,86% (540), : 22,49% (180)
1,1 ,

(
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1,5 : 5,06% (180) 7,55%
(360). /4

2008

/3

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