

: 582.734.4:615.07:615.322:54.061/.062:547.9:577.15/17.

ELAEAGNACEAE JUSS)

15 : Na, Mg, Al, Si, P, K, Ca, Mn, Fe, Ni, Cu, Zn, Mo, Pb, Sr, Si, Mg, Ca.

(Elae gnaceae Juss.). 15 : Na, Mg, Al, Si, P, K, Ca, Mn, Fe, Ni, Cu, Zn, Mo, Pb, Sr, K, Si, Mg, Ca.

E.N. Gergel

RESEARCH OF MACRO- AND MICROELEMENT COMPOSITION OF PLANTS FAMILY ELAEAGNACEAE (ELAEAGNACEAE JUSS)

Key words: atomic-adsorption spectroscopy, macro- and microelements Composition of - microelements in plants families Elae gnaceae Juss was studied by the method of atomic-adsorption spectroscopy. 15 macro- and microelements (Na, Mg, Al, Si, P, K, Ca, Mn, Fe, Ni, Cu, Zn, Mo, Pb, Sr) were educed and their quantitative maintenance was set. K, Si, Mg and Ca prevailed among them.

ELAEAGNACEAE

JUSS)

54.06:546.15:582.53

- 1
2
1
3
1

- 2
3

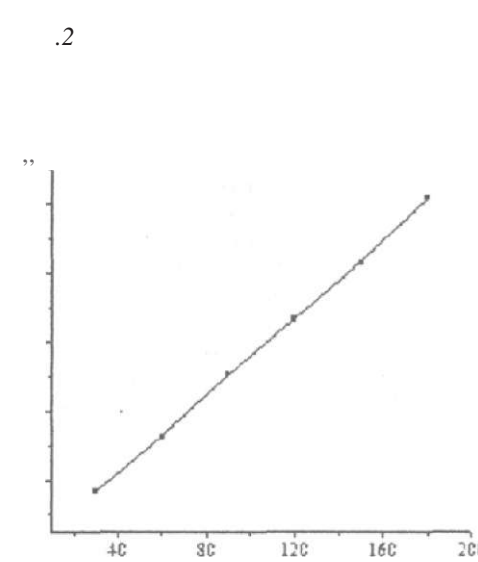
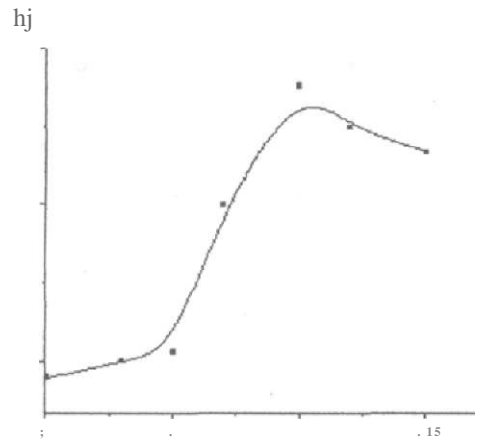
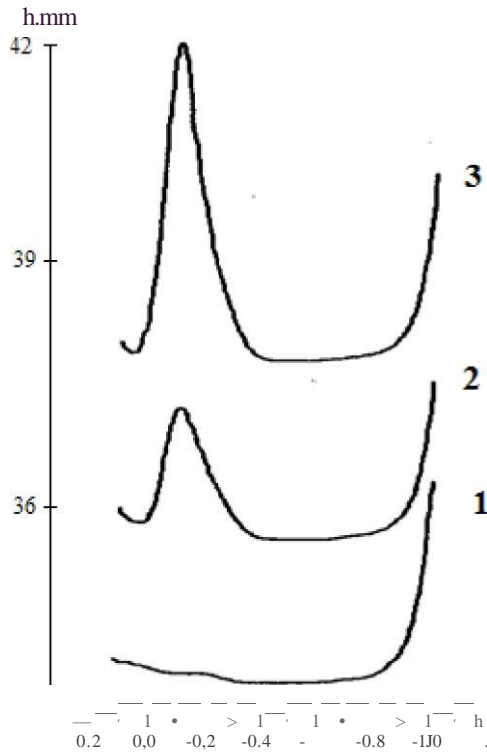
ZOSTERA MARINA

() [4-6, 8]. () L.) - (Zostera marina Zosteraceae,

[2, 6]. [1, 3, 9].

[7]. IBA- I- « Hg2 » + 0,10 () +0,10 -0,95.

i i i



.1
/ 3 HNO3 0,5% (1), 0,01
(2), 0.2 / 3 -- (3)
Zostera marina.
-(0,15+0,05) ,
- (.1).

« . . ».

(.) 2010 .
0,20 / 3.
-) 24,25 % (-70%) [2].
30,50 % () [2].
1:5 (:).
: 0,01 / 3 0,5% ;
I 3,0-3,5,
I
(),
+0,1 (.2).

I ,
30
180 (.3)
^22+-
1,5^10-18, 5,0^1022, 5,0^10-19
+ 0,10
2500- 2500-
.1,
6^10-8

I

2

- 1 4,	
	+0,10
	30
	+0,10
	-1,05
	-20
	10
	250

1	Z. marina	1056 26,60
2	Z. marina	742 12,41
3	Z. marina	474 10,86

-3^10-5 / 3,

I

[1].

IBA

1. ... 3, 2003. - 392 .

2. ... (Zostera marina L.) / . / . - 548 .

3. ... 1992. - 144 .

4. ... 1980. - 278 .

5. ... 1989. - 400 .

6. ... 2011. - 540 .

7. ... [.] - . . . , 1987.

8. ... 2004.- 5.- . 105-123.

9. ... 2008. - 510 .

10. ... 2006.- 326 .

01.11.2012

54.06:546.15:582.53

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ZOSTERA
MARINA
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ZOSTERA
MARINA
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N.V. Popova, V.I. Litvinenko, S.I. Dikhtyarev, O.P. Kisil, K.L. Gliapa
ANALYSIS OF THE CONTENT OF IODINE IN EELGRASS
ZOSTERA MARINA

Key words: zostera, iodine, voltammeter, thyroid gland.

The pharmacological activity of eelgrass is due to iodine compounds, which have a significant effect in the treatment of thyroid dysfunction. The results of the determination of iodine in zostera by using inversion voltamperometry are represented. The analysis shows perspective usage in medicine as raw zostera as well its extracts.

615.322:547.56

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(Plantago major) -
 4000 - , - - - , -7- - ,
 , , , 7- - - ' - , 7- - -
 [13].
 [8].
 (Plantago lanceolata) , , ,
 [13].
 P.major Plantago major Plantago lanceolata
 : ,
 , [18].
 : [4],
 [11],[16] , [5], Plantago major Plantago lanceolata
 [3], [18], [17],
 [6], [7], [13], [14], [15] [12], [13].
 P. major 15
 [8], [9], [18].
 [18]. 70%
 [1], [2], [10].
 , , -7- !
 [8].