

**ΝΕΙ ΟΤΙ ΕΧΑΝΕΑΒ ΙΘΕΟΘΤ ΧΑΙ ΤΤ ΝΟΥ ΝΤ ΝΟΑΕΝΟΟΘ ΔΑΝΟΑΙ ΕΕ  
ΕΙΤΙΤ ΤΤ ΧΙ ΟΘ ΑΕΑΤ ΟΙ ΟΘ Α ΙΘΑΑΑΕΑΘ ΕΑΙ ΑΘΑΟΘΑ  
ΠΑΤ -ΧΑΙ ΑΑΙΤ ΑΤ ΙΘΑΑΑΤ ΔΥΒ ΟΘΟΝΕΤ ΑΤ ΘΘΑΑΘΑ**

*Θαάααί ηνί Θ.Ε.*

*Ετ ηθεοοο αι οαι εεε Ι ΑΙ ΘΑ, Οαι οδ ηι οδαι αι εγ αει οασι ι ι αδαρεγ Αδι αι εε*

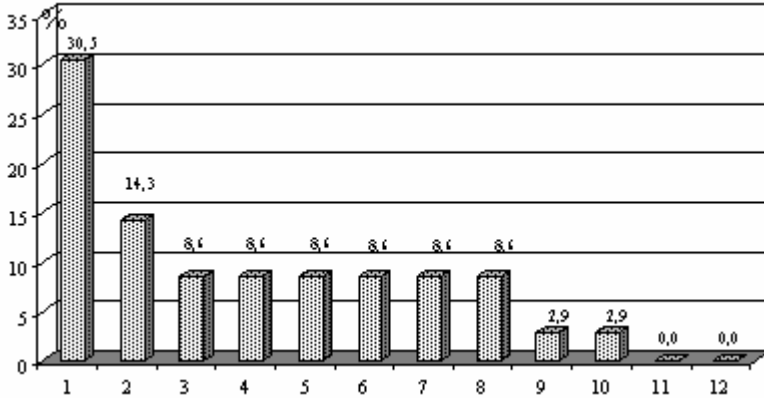
Ι α ι ηι ι α αι εε α ι α εε α α αι ι υ ο Ε δ α η ι τ ε ε ρ ε α ε Α δι α ι ε ε ι τ ε α ρ α ι α  
ο α ε α η ι ι α δ α ρ ι ι ν ο υ η ι ο δ α ι α ι ε γ "Α ι ο α ι η ε ε ο ι α η ε ι α". Α ο α ι ο α ι ο α α ο α α  
ε α ι α ι α ο ι α ε ε α ι α ε ε α ο α η ι ο δ α α ε α ι ε γ α ε ι ο α σ ι ι ι α δ α ρ ε γ ι ι α ε ι ο ι τ α ι ι α  
ι ο ε ι α δ α α ι α ε α ι α ε ε α ο α ε α ι α ο α ο α η α ι α ι α ι ι δ α α α ι ο υ γ Ο θ ο η ε ι α ι  
ο δ α α ο α. Α ι δ α α α ε α ο ε α ι α ο α ο ο α α ο δ α α η η ο δ ε ο θ ι α α ι 155 α ε α ι α η ι ο α ε η  
ο υ ο δ α η ο α ι ε ε ε 34 α ε α α ι τ ι ρ α ι ι ι + ι υ ο α ε α ι ο ι υ ο. Α ι δ α ο α ι ο ι ο ι ε α α α α ι α  
α ε ο ο α δ α ι ο ε α ο ε γ α ε ι ο ι τ α ι α ο ε α ρ α ι ι α ι ε α ι α ο α ο ο α, ε η η ε α α ι α α ι ο δ α η  
ι δ α α ε α ι ε α α ε ι ο α δ α ρ ε γ ι ι 5-ο ε α α α ε α ι ι υ ι α ε ι ο ι τ α ι α, η α γ ε ι α ε  
α ο α ε ι ο ι τ α ι ε, ε α ι ρ ι ι α ρ ι υ α ι ο δ ε ε ο ο ι ο ι ε ο θ ι α α ι ε γ.

Α<sup>3</sup> ι α ε λ λ<sup>3</sup> Υ ι .Ε. α θ η ο ρ Ε ε γ<sup>3</sup> Β Θ Α<sup>3</sup> Ι ρ<sup>3</sup> Ν<sup>3</sup> η<sup>3</sup> ι ρ<sup>3</sup> η<sup>3</sup> υ ι ο<sup>3</sup> Ι<sup>3</sup> ρ<sup>3</sup> Υ  
Ε<sup>3</sup> Υ ρ<sup>3</sup> η ρ<sup>3</sup> Υ<sup>3</sup> Ε<sup>3</sup> Ε ε γ<sup>3</sup> Ι ρ<sup>3</sup> Υ<sup>3</sup> Ε<sup>3</sup> Υ<sup>3</sup> Ι ρ<sup>3</sup> υ ι ρ<sup>3</sup> ρ<sup>3</sup> ε<sup>3</sup> Ν<sup>3</sup> Υ<sup>3</sup> Υ γ<sup>3</sup> η α ο υ  
3 Υ α<sup>3</sup> Ι ρ<sup>3</sup> α η μ α ο λ λ<sup>3</sup> η ρ<sup>3</sup> ρ<sup>3</sup> α ο Υ<sup>3</sup> Β<sup>3</sup> η<sup>3</sup> ι α η ι υ<sup>3</sup> Υ<sup>3</sup> Υ ρ<sup>3</sup> η ρ<sup>3</sup>  
ι ρ<sup>3</sup> η<sup>3</sup> Ι α ο υ Υ Α ε ι ι υ<sup>3</sup> Υ ε<sup>3</sup> ι ρ<sup>3</sup> η η ρ<sup>3</sup> ρ<sup>3</sup>: 2 β Ε<sup>3</sup> ε<sup>3</sup> Υ α ο υ Υ η ι ρ<sup>3</sup> Ι ρ<sup>3</sup> ο ρ<sup>3</sup> ι  
ι "η α η ρ<sup>3</sup> ι ρ<sup>3</sup> Υ ρ<sup>3</sup> ι ρ<sup>3</sup> η α ο ι Υ η ρ<sup>3</sup> ρ<sup>3</sup> ι υ<sup>3</sup> Υ ε<sup>3</sup> μ<sup>3</sup> η<sup>3</sup> Υ<sup>3</sup> ρ<sup>3</sup> α ο Ι ρ<sup>3</sup> ρ<sup>3</sup> η<sup>3</sup> α<sup>3</sup> ρ<sup>3</sup> Υ α ο Ι ρ<sup>3</sup> Υ  
η ρ<sup>3</sup> Υ γ<sup>3</sup> ι α η α ο υ Α: υ η η υ α ο ι ρ<sup>3</sup> ι ρ<sup>3</sup> ι Υ α η υ η α α ι ρ<sup>3</sup> ι ρ<sup>3</sup> Υ ε<sup>3</sup> ι ρ<sup>3</sup> η η ρ<sup>3</sup> ρ<sup>3</sup>  
ι υ<sup>3</sup> Υ ε<sup>3</sup> μ<sup>3</sup> η<sup>3</sup> Υ<sup>3</sup> ρ<sup>3</sup> α ο Ι ρ<sup>3</sup> Υ η η ι ρ<sup>3</sup> η α ι υ<sup>3</sup> Υ η<sup>3</sup> υ<sup>3</sup> η: Δ η ι ρ<sup>3</sup> η α ι ρ<sup>3</sup> ι  
Ε<sup>3</sup> Υ<sup>3</sup> Ι ρ<sup>3</sup> υ ι ρ<sup>3</sup> ι ρ<sup>3</sup> η<sup>3</sup> ι υ α ο υ η<sup>3</sup> υ<sup>3</sup> Υ ο ι ρ<sup>3</sup> ι υ<sup>3</sup> Υ 155 μ α ο λ λ<sup>3</sup> η ρ<sup>3</sup> ρ<sup>3</sup> ι ρ<sup>3</sup> 34  
ι υ<sup>3</sup> Υ<sup>3</sup> Υ ρ<sup>3</sup> ι ρ<sup>3</sup> η ρ<sup>3</sup> ρ<sup>3</sup> ι ρ<sup>3</sup> υ η η ι ρ<sup>3</sup> η ρ<sup>3</sup> ι ρ<sup>3</sup> ι υ<sup>3</sup> Υ ε<sup>3</sup> μ<sup>3</sup> η<sup>3</sup> Υ<sup>3</sup> ρ<sup>3</sup> α ο Ι ρ<sup>3</sup> Υ  
ι ρ<sup>3</sup> η<sup>3</sup> Ι υ<sup>3</sup> Υ Ε χ<sup>3</sup> Υ<sup>3</sup> Ι ρ<sup>3</sup> η Α Ε<sup>3</sup> Υ<sup>3</sup> Ι ρ<sup>3</sup> ι ρ<sup>3</sup> ρ<sup>3</sup> 5 ι υ<sup>3</sup> Υ ε<sup>3</sup> ι ρ<sup>3</sup> η η ρ<sup>3</sup> η α ο υ, η η ι ρ<sup>3</sup> η α ι ρ<sup>3</sup> ι ρ<sup>3</sup> υ<sup>3</sup> Υ  
Υ ρ<sup>3</sup> ι ρ<sup>3</sup> η η ρ<sup>3</sup> ρ<sup>3</sup> ι ρ<sup>3</sup> η η ρ<sup>3</sup> ρ<sup>3</sup> υ ρ<sup>3</sup> ρ<sup>3</sup> ι ρ<sup>3</sup> α η Α, ι η η υ<sup>3</sup> Υ ο ι ρ<sup>3</sup> η ρ<sup>3</sup> ο υ<sup>3</sup> Υ η ρ<sup>3</sup> η ρ<sup>3</sup> ι α η  
α ο ρ<sup>3</sup> Υ η Α:

*Tadevosyan T.L. On the syntopical distribution of biodiversity of vascular plants and vertebral animals in the system of biotops of the S–W foothills of the Urtz mountain range.* The conservation of biodeversity of "Goravan sands" is motivated. There has been created a new method of investigation of biotops which is used in present investigation. 155 plant and 34 animal species are listed whitin the limits of the studied landscape. The distribution of the pointed biodiversity in the system of 5 biotops is considered. The connections between the biotops as well as some causalities of formation of biotops are analysed.

**ΑΑΑΑΑΙ ΕΑ.** Ι α ε α ι ε υ ο α α ε ι ε ε + α η ο α ι ι ο δ α ι γ α ι υ ο ε ι ο δ α ο α ι α ο ρ  
υ ε ο ι α ι α ι ο ε ι α ρ ο ρ ι ο δ α ι ο ο α δ δ ε ο ι ο ε ε Α δι α ι ε ε ε ι ε α ε ε ρ ι α α ι ι α  
ι δ α α α ε α ο Α δ α α α ι η ε ι α ι ο ε ι ο δ η η ο ε + α η ε ι α ι ο α ε ι ι α – Α δ α δ α ο η ε ε ε ι ο ε ι  
α ε ι υ [3] (*δ η η. 1*). ρ ι α + ε δ α ε υ ι α γ + α η ο υ γ ο ε ο α δ δ ε ο ι ο ε ε ε α α ο α ι ι ε ο  
ι ο η ο υ ι ι ε ρ ι α 400–1200 γ ι α α ο δ. ι., – ι α ε α ι ε α α ε ι ο α ι η ε α ι ι ι η α ε α  
α α α ι ι ι ο α α ε ι α Α δι α ι ε ε [9].

Η ο α α ε ι ο δ α ο α ι α ο ρ υ ε ο ι α η η ι + ι ο ρ ι ο δ α α ι ε ρ α ο ε ρ ι ο δ α ι ι υ ο ι α  
ο ι ι ο ε γ ο ε ο α δ δ ε ο ι ο ε ε Α δ α δ α ο η ε ε ε ι ο ε ι α ε ι υ ι α ι α δ α ι ι ι α η ο α ι ι  
ε ι ε ε + α η ο α ο δ α α ε ο ε η η α ρ α ρ υ ε ο ο α η η ι ι α η ι ο α ε η η ο υ ο δ α η ο α ι ε ε ε  
ι ι ρ α ι ι ι + ι υ ο α ε α ι ο ι υ ο α υ α ε γ α ο η γ ο α δ δ ε ο ι ο ε γ, ε ρ α α η ο ι α γ ι ι α ι α



Deñ. 1. Áæaðàì ì à ðàñì ðàáæáí éý ì ðàí γàì ùò è ì ðàòáí-  
 áòρùεò á ì ðàí γàì ùά òáððεòì ðεé ì ò εí ðεñòε-áñεèì ðáεí í àì  
 Αðì áí εè: 1- Αðáááí ñεéé, 2 - Νάαáí ñεéé, 3 - Άáðòí á-Αóðòγí ñεéé, 4 -  
 Εί ðεéñεéé, 5 - Εαæáááí ñεéé, 6 - Άαðáεάαεññεéé, 7 - Ì áαðεí ñεéé, 8 -  
 Αðáááññεéé, 9 - Øεðáεññεéé, 10 - Αí áðáí ñεéé, 11 - Άάááí ñεéé, 12 -  
 Çáí ááçòðñεéé.

çááí εάì "Άì ðáááí ñεéá ì áñεé" (Øááé. 1).

Øááéεòá 1. Εðáðεéá ñðááí εòáεúí ùά ááí í ùά ì ò 9-òε òáððεòì ðεγì  
 Αðáðáòñεí ε εí òεí áεí ù, ì ðáòáí áòρùεì í á ñòí = í á ñì ðáí áí εά

Øáððεòì ðεγ	S (áá)	Áεí- òí ì ù (N òε- í í á)	Á/Ø (N áεá- í á)	Á Εðáñ- í í ε εí εάá	%
Άì ðáááí ñεéá ì áñεé.	200	5	150	21	14
Çáñì εάí í ùά áí εí òά ì εí εí Αðáðáòá.	100	3	58	18	31,03
Νì εí ì = áεé ì áæáò í.ì. Αðááááí á, Αðáçáí ε Νì ááòáεáí.	200	3	25	7	28
Áεéí εñòáγ ì ò εóì òñòúí γ, ì ñ.Άáðááσáí, ðáεí í Υðááóí ε.	3	3	75	6	8
Άáì ì ááá: í á ñάάáðì -áí ñòì ε ì ò çì áσáí á (Ááí áγí ñεéé ð-í í).	50	3	50	12	24
Οί æά ñάάáðì áá ñ. Άáσέó (Αðáðáòñεéé ð-í í).	3	3	40	6	15
Í òεúí ì ò -áεí ñì Øεòí áγ ì ò εóì òñòúí γ Í εðáñòí ì ñòε Νòðáí áááí á.	50	4	90	18	20
Αáññáεí ì çáðá Αεάáðεε-, á áαðòí áυγò ð.Νάάáæòð.	40	4	70	10	14,29
Í ðεáðáæí εοάáúε εοά ì áæáò Υ=ì εάáçεí ì ì ε Εάì ùεó.	20	1-2	16	3	18,75

Άì ðáááí ñεéá ì áñεé ñáì ùε εðòí í ùε εç ñì ðáí εάσøεòñý ó-áñòεí á  
 ì ñáì ì ò εεúí ùò ò ò ðì áòεé εάáí ááðáæúγ ááññáεí á ð.Αðáεñ. Οί ì ì ε-  
 í áí εý ì á γò ì ò òí εεáεúí ì ò óáí εεá ðáεéεòì áí áí áεí ðáçí ì ì áðáçεý  
 áñòðá-áρòñý á ðááí òáò óáεí áí ðýáá εññεάáí ááòáεáé [1-8, 10, 12].  
 Í áðá-εñεάí í ùά ðááí ò ù á ùεé áεóáí òεðì ááí ù áεááí ùì ì áðáçì ì á



$$K_j = c / a + b - c,$$

āāā  $a$  – ēī ēē÷āñōāī āēāī ā āēī ðaçīīī āðaçēy īāīīāī āēī òīīā,  $b$  – ēī ēē÷āñōāī āēāī ā āðōāī āī āēī òīīā,  $c$  – ēī ēē÷āñōāī īāūēō āēāī ā āēy āāōō āēī òīīīā. Ðaññ÷ēōāī ū çīā÷āī ēy ( $k$ ) āēy òēōī ðaçīīī āðaçēy (PH), çīī ðaçīīī āðaçēy ( $Z$ ) ē āēī ðaçīīī āðaçēy ñī ñōāēñōūō ðañōāī ēē ē īīçāīīī ÷ī ūō æēāī òī ūō āī āñōā (BD).

Āēy ñðāāī ēōāēūīīāī āī āēēçā ñēñōāī āðē÷āñēī ē ñōðōēōðōū òēōī òāīīçīā ēāī āðāōōā ēñīī ēūçī āāī ū ēī yōōēōēāī òū ðāī āī āī ē ēī ððāēyōēē ñī āēōðī ā ñāī āēñōā ( $R_{xy}$ ) Āðāāā – Ī ēðñī īā, ēī òī ðūā ā ñēō÷āā ī āēūō ðaçī āðīā āūāī ðī ē  $n \leq 20$  āī ñōī āāðī ū ī ðē  $R_{xy} < 0,4$  [11]. Ēī yōōēōēāī ò ðāī āī āī ē ēī ððāēyōēē āū÷ēñēyēñy īī ñēāāōpūāē òī ðī òēā:

$$R_{x,y} = \frac{\sum_{xy} - \frac{\sum x * \sum y}{n}}{\sqrt{\left( \sum x^2 - \frac{(\sum x)^2}{n} \right) \left( \sum y^2 - \frac{(\sum y)^2}{n} \right)}}$$

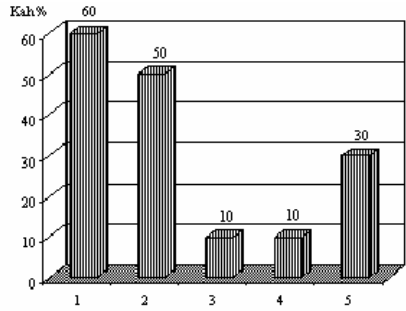
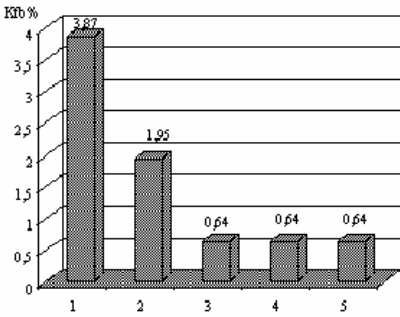
āāā  $x$  ē  $y$  – çīā÷āī ēy ðāī āī ā īāīīēī āī ī ūō òāēñīīīā ā ñōðōēōðōā ñðāāī ēāāāī ūō òēōī òāīīçīā,  $n$  – ÷ēñēī īāð ðāī āīā. Īī çīā÷āī ēyī ( $R_{xy}$ ) īīñōðīāī āāī āðēō ē āūāāēāī ū ēī ððāēyōēēīī ūā ī ēāyā ū īī Ñ.Ð. Āāēūāðā ē Ē.Ē. Āūōāī āō [11].

### ÐĀÇŌĒŪÐĀÐŌ Ē Ī ĀŃŌÆĀĀĪ ĒĀ. Ā òā÷āī ēā ēñēāāī āāī ēē ā

ī ðāāāēāō ēāī āðāōōā ðāī çāī āāīīāī ī ðāāāī ðuy Ōðōñēī āī ððāāōā çāðāāēñōēðī āāīī 155 āēāōā ñī ñōāēñōūō ðañōāī ēē ēç 120 ðī āī ā ē 35 ñāī āēñōā ē 34 āēāā īīçāīīī ÷ī ūō æēāī òī ūō ēç 31-āī ðī āā ē 25 ñāī āēñōā. Ā īāūāē ñēī æīīñōē, 15 āēāī ā ñī ñōāēñōūō ðañōāī ēē ēç 13 ðī āī ā ē 12 ñāī āēñōā ē 7 āēāī ā īīçāīīī ÷ī ūō æēāī òī ūō ēç 7 ðī āī ā ē 6 ñāī āēñōā ēç ēññēāāī āāīīāī āēī ðaçīīī āðaçēy – ðāāēēā, ēñ÷āçāpūēā ē òyçāēī ūā āēāū [1-3, 12, 13].

Ōēaçāīīīā āēī ðaçīīī āðaçēā ðañī ðāāāēāīī ī āæāō 5-p òēīāī ē āēī òīīīā: ñēāēūī ūī ē āēī òīīāī ē, āēēp÷āpūēī ē īāñēāēūī ūā ē īīāñēāēūī ūā ī ēēðī āēī òīīū, ðōñēī āūī ē āēī òīīāī ē, ā òāēæā ūāāī ēñōūī ē, āēēī ēñōūī ē ē īāñ÷āī ūī ē āēī òīīāī ē, ēāæāūē ēç ēī òī ðūō ī ðāāñōāāēāī ðāāī ēīī ūī ē ē ñēēīīī āūī ē ī ēēðī āēī òīīāī ē.

Ī ā īñīīāā īīēō÷āīī ūō çīā÷āī ēē īīāī ðaçðāāī òāī ī ūō īī ēaçāðāēāē ( $k_{tb}$ ) ( $\partial \text{ēñ. } 2\text{ā}$ ), ( $k_{ah}$ ) ( $\partial \text{ēñ. } 2\text{ā}$ ), ( $k_s$ ), ( $k_{sp}$ ) ( $\partial \text{ēñ. } 3 \text{ ā, ā}$ ), ñāāēāī ū ñēāāōpūēā āūāī āū.

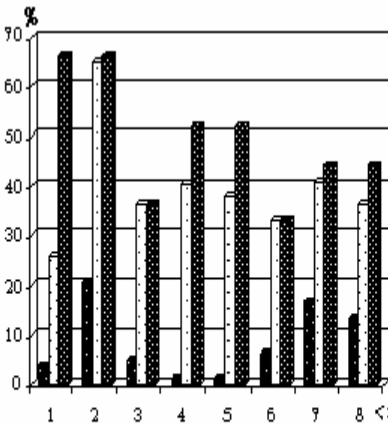


*Deñ. 2.* Ðañi ðáááéáí éá ií éaçàðáéé ( $K_{tb}$ ) è ( $K_{ah}$ ) ií áeí òií ài: 1 – ñeáeúí úá áeí òií ú, 2 – ðoneí áúá áeí òií ú, 3–úááí èñòúá áeí òií ú, 4 – áeéí èñòúá áeí òií ú, 5 – iñ=áí úá áeí òií ú.

Ií á áeéyí éáí èè òií ði ðáéòèè [11] í àeáí èúòáá èí èè÷áñòáí òàèñí ií á ñi ñóáèñòúò ðáñòáí èé (102 áeáá) è ií çáí ií ÷í úò æeáí òí úò (22 áeáá), á òií ÷eñéá ií ÷òè áñá áeáú ááðááúáá è eóñòáðí eéí á (*deñ. 2a*), è áí èúòeí ñòáí i òií ñeðáeúí ií eðóí í úò ðáí òèèèè (*deñ. 2a*) ñeí í óáí òðeðí ááí ú á i ðáááeáò ñeáeúí úò áeí òií ií á.

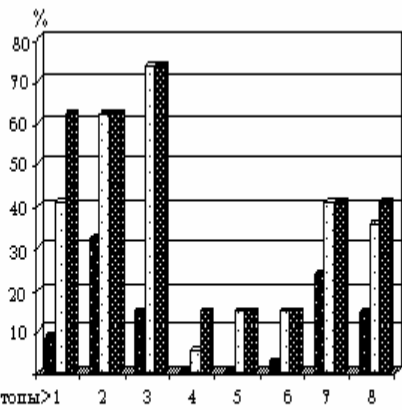
Ií áí úòeí è ií éaçàðáeýí è áeí ðaçí ií áðaçeý óaðaèòáðeçòpòñy

à



- Специфичность
- Фиторазнообразие микробиотопов
- ▨ Фиторазнообразие биотопов

á



- Специфичность
- Зооразнообразие микробиотопов
- ▨ Зооразнообразие биотопов

*Deñ. 3.* Ðañi ðáááéáí éá òeðí ðaçí ií áðaçeý è çí ðaçí ií áðaçeý éáí áðáòòá ií áeí òií ài è i eèðí áeí òií ài: 1 – íáñeáeúí úá i eèðí áeí òií ú; 2 – ií áñeáeúí úá i eèðí áeí òií ú; 3 – ðoneí áúá áeí òií ú; 4 – úááí èñòúá ñeéí ií áúá i eèðí áeí òií ú; 5 – úááí èñòúá ðááí eí í úá i eèðí áeí òií ú; 6 – áeéí èñòúá áeí òií ú; 7 – iñ=áí úá ðááí eí í úá i eèðí áeí òií ú, 8 – iñ=áí úá áoáðeñòúá i eèðí áeí òií ú.

aei o'i'u aac eeo'i'oi' aeoeoe: uaa' enoua aei o'i'u noi'oi' eoi' aai u 80-p aeaa'i e ni noa' enouo dan' a' ee e 5-p aeaa'i e i'ca'i'i' i'uo ae- ai' oi'uo; i' an'-ai' u - 68-p aeaa'i e ni noa' enouo dan' a' ee e 15-p aeaa'i e i'ca'i'i' i'uo aeai' oi'uo; on'ei' au - 56-p aeaa'i e ni noa' enouo dan' a' ee e 25-p aeaa'i e i'ca'i'i' i'uo aeai' oi'uo; e, i'ae'i'ao, ae'ei' enoua - 51-i' aeai' ni noa' enouo dan' a' ee e 5-p aeaa'i e i'c- ai' i' i'uo aeai' oi'uo.

Auni' ee e i' ea'ca'oa'eu (k<sub>s</sub>) o'eo'i' da'ci'i'i' ad'ace'y uaa' enouo aei o'i- i'ia ya'ey'ao'ny neaa'n'oa'ea'i o'ad'oe'oi' deae'ui' i' ai' i' dai' aeaa' ai' ey' yoi' ai' o'ei' a' aei o'i'ia a' i' daa' aeao' ea' a'oa'oa', a' i' oi' deai' aan' -ai' o' i' e'ce'ee i' i- ea'ca'oa'eu o'eo'i' da'ci'i'i' ad'ace'y ae'ei' enouo aei o'i'ia ya'ey'ao'ny neaa'n'oa- aeai' eo' o'ad'oe'oi' deae'ui' i' e' i' aci' a' -e'oa'eu' i' no'e e' e'ci' e'ed' aai' i' no'e i' o' i' au'ae' i' an'nu' ae'ei' enouo aei o'i'ia Ad'ada'one'i' e' ei' o'ei' aei' u.

I' ea'ca'oa'ee (k<sub>s</sub>) ci' i' da'ci'i'i' ad'ace'y i' ai' eo' o'ea'ca'i' uo' aei o'i'ia i' e'ce'ee, -oi' na'ea'oa'eu'no'oa'oa' o' i' ai' de'ni' i' ni' aeai' i' no'e ai' eu'oe' i' no'aa' i' i'ca'i'i' i'uo' aeai' oi'uo e' on'ei' ae'yi' i' o'ed'uo'uo' ca'no'oe'ea'uo' i' oi' no- dai' no'a' n' ca'ed' ai' ea' i' i' e' i' i' aad'oi' i' no'up' ad'oi' oa.

I' o'i' i' ne'oa'eu' i' auni' ee e i' ea'ca'oa'eu (k<sub>s</sub>) o'eo'i' da'ci'i'i' ad'ace'y e' ci' i- da'ci'i'i' ad'ace'y i' an'-ai' uo' aei o'i'ia i' au'yni' ya'ony' du'oe' i' no'up' aad'oi' aai' nei' y' ya'ao' i' oi'ia, -oi' no'aa'ee'ce'oe'oa' o' o'ae'ae' ai' ea' ya'ao' i' oi'ia e' i' aani' a' -eaa'oa' i' a'oi' no' de' en' dai' o'ed'uo'oe' aeai' oi'ui' e, a' o'ae'ae' i' oi' no' dai' no'aa' i' i' e' ae'eci' no'up' i' i' ai' ai' uo' aei o'i'ia o'od'oe' e' Ed' ai' a.

I' e'ce'ee i' ea'ca'oa'eu (k<sub>s</sub>) o'eo'i' da'ci'i'i' ad'ace'y on'ei' au' aei o'i'ia i' au'yni' ya'ony' aa'aa' ai' ui' i' ai' i' ae' ai' ea' i' i' aad'oi' i' no'e' ad'oi' oa' ai' ai' ui' e' i' i' oi' ea' i' e, -oi' i' dai' yo'no'oa'oa' da'ca'oe'oe'p' i' i' ai' ea'oi' aai' i' i' ed' aa' e' i' i' x'ao' ya'ey'ou'ny' i' de' -ei' i' e' ai' ai' eu' i' i' da'ce'eo' o'oe'oe'oa'oe' o'eo'i' da'ci'i'i' ad'ace'y i' i' ai' ai'. I' ai' oi' dea, auni' ee e i' ea'ca'oa'eu' ci' i' da'ci'i'i' ad'ace'y on'ei' au' aei o'i'ia i' au'yni' ya'ony' i' ae' -ea' i' i' aad'oi' i' no' i' i' e' i' da'ni' i' e' ai' au, i' de'ae'ae'ap'ua' e' i' da'oe' -a'nee' an'a' ae'au' aeai' oi'uo.

I' dai' aeaa' ai' ea' (k<sub>s</sub>) o'eo'i' da'ci'i'i' ad'ace'y ne'ei' i' i' au' uaa' enouo i' ee- oi' aei o'i'ia (39%) i'aa' ai' aei' ae' i' ui' i' ea'ca'oa'ey' i' da' ai' ei' i' uo' uaa' enouo i' eed' aei o'i'ia (37%) i' au'yni' ya'ony' i' oi' i' ne'oa'eu' i' ne'eu- i' i' e' ni' i' ei' o'oi' no'up' dan' de' o'ae'ui' no'e (Artemisia fragrans) - 3 i' ni' ae' i' <sup>2</sup> a' i' daa' aeao' i' i' neaa' i' eo' e' aa' ai' i' ei' ed'op'ue' i' ai' ca'ae'no'ae' ai' [12].

A' ne'o' -aa' aa' i' an'-ai' uo' aei o'i'ia (k<sub>s</sub>) o'eo'i' da'ci'i'i' ad'ace'a' ne'ei' i' i- au' i' e'ed' aei o'i'ia (13%), i' ai' ai' oi' o', i' e'aa', -ai' (k<sub>s</sub>) da' ai' ei' i' uo' -16%, -oi' i' au'yni' ya'ony' ae'ey' i' ea' on'ee' ai' i' ai' en'no'aa' i' ey' ad'oi' oa' an'ee'aa'n'oa'ea' on'ee' ai' ey' i' i' aad'oi' i' no' i' i' ai' no' i' ea.

I' o'i' i' ne'oa'eu' i' auni' ee e' ci' a' -ai' ey' ni' a'oe'oe' -i' i' no'e o'eo'i' da'ci'i'i' a- da'ce'y e' ci' i' da'ci'i'i' ad'ace'y (k<sub>sp</sub>) ca'oa'ae'no'oe'oi' aai' u' ae'y' i' i' an'ee'ui' uo' i' e'ed' aei o'i'ia (20,8% e' 25% ni' i' o'aa'no'na' ai' i' i'), ae'y' i' ai' eo' i' e'ed' aei- oi' i' i' a' i' an'-ai' i' ai' aei o'i'ia (16,9% e' 14,3%; 6% e' 10,7%), ae'y' ae'ei' en- oi' ai' aei o'i'ia (6,5% e' 1,3%), ae'y' on'ei' ai' ai' (5,2% e' 17,9%), ae'y' i' a-

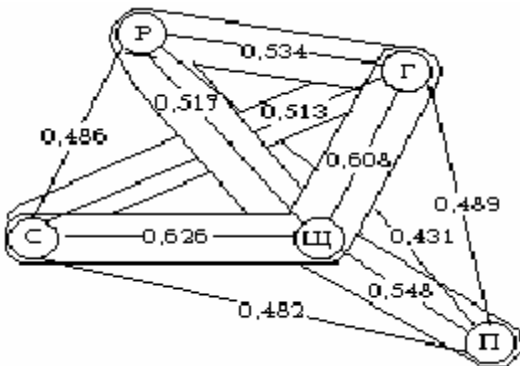
νέαεύι υό ι εεθί αεί οί τ ι α (3,6 % ε 3,6 %). Αυνί εεά ι ι έααοάεε νι άεο-  
 οε-ίτ νδε νάεαάοάευνόαορò, ν ιάίτ έ νοί οί τ υ ι ι άεε+εε οñεί άεε  
 νδάαυ, οδάαορυεο εñεερ+εοάεύι ι οçεεο άάαι οαοεί ί ί υ ο ι άοαί εçι ί α  
 ι δάαί εçι ί α, α ν άδοαί έ – ί α ι οί τ νδεάεύι ι άί ευοάε ι οί άί έεε-  
 οάεύι νδε γάί έρöεε άεί οί τ ι α άαί ί ί άι οεί α.

Ι έί έι άεύι υά çí α+άί εγ νι άεοοε+ίτ νδε ι οί α+άί υ άεγ ι εεθί -άεί -  
 οί τ ι α υάαί εñοί άι άεί οί τ ι α (1,3 % ε 0%; 1,3 % ε 1,3 %) ε γάεγρòñγ  
 νάεαάοάευνόαί ι ι οί τ νδεάεύι ι έ ι ι έί άι νδε γöεο άεί οί τ ι α, ν ιάίτ έ  
 νοί οί τ υ, ε νάεαάοάευνόαί ι νεοάί τ νδε δαñoðñί ά άεγ άάαι οαöεε ι δ-  
 άαί εçι ί α, – ν άδοαί έ.

Ταάεεοά 2. Έί γόοεοεάι ού νοί ανόαα άεί οί τ ι α ι ι Αεάεεάδò

Ι άδυ άεί οί τ ι α	K <sub>j</sub>		
	DH	Z	BD
Νέαεύι υέ/Δονεί άυέ	0,26	0,64	0,32
Νέαεύι υέ/Υάαί εñούέ	0,43	0,27	0,41
Νέαεύι υέ/Άεεί εñούέ	0,34	0,40	0,35
Νέαεύι υέ/Ι άñ+άί υέ	0,22	0,36	0,24
Δόνεί άυέ/Υάαί εñούέ	0,30	0,21	0,29
Δόνεί άυέ/Άεεί εñούέ	0,22	0,21	0,22
Δόνεί άυέ/Ι άñ+άί υέ	0,25	0,40	0,28
Υάαί εñούέ/Άεεί εñούέ	0,43	0,78	0,46
Υάαί εñούέ/Ι άñ+άί υέ	0,29	0,47	0,31
Άεεί εñούέ/Ι άñ+άί υέ	0,21	0,37	0,23

**PH** – έί γόοεοεάι ού, άυ+εñεάί ί υά ι δε οεοί οάί ί έί άε+άñεί ι νδάαί άί εε; **Z** –  
 έί γόοεοεάι ού, άυ+εñεάί ί υά ι δε çí ί οάί ί έί άε+άñεί ι νδάαί άί εε; **BD** – έί γόοεοεάι -  
 ού, άυ+εñεάί ί υά ι δε νδάαί άί εε άεί δαçί ι ι άδαçεγ (νοί ι υ νι νοάενόυο δανόαί έε ε  
 ι ι çáι ί ί υό άεάι οί υó).



Δεν. 4. Άάί άδεο ε έί δάεεγöεί ί ί υά  
 ι έάγυ, ι ι νοδί άί ί υά ι ι έί γόοεοεάι οάι  
 δάί άί άί ε έί δάεεγöεε νάι άεñοά  
 οεοί δαçί ι ι άδαçεε άεί οί τ ι α έάί άοάοδà  
 πάι çáι άάί έ ι έδάει υ οδóñεί άι οδάαοά.

Άί άεεç νι εñεί ά άεί -  
 δαçί ι ι άδαçεγ öεί ού ε  
 οαóι υ (οαάε. 2) ε νι άεο-  
 οί ά οεοί δαçί ι ι άδαçεγ  
 (δεν. 4) ι ι έααε, οοί άί-  
 άί εύι ι νοί άί υά νι νέαεύι-  
 ί υι υάαί εñούέ ε  
 άεεί εñούέ άεί οί τ ι υ ι ά-  
 δαçòρò ι δάάεύι ορ  
 άδοί ί ο ε άçαεί ι νάγçáι υ  
 ι άυί τ νδòρ ι άοάί ε+άñεεο  
 έα+άñοά γάαοί οί τ ι α ε  
 ι οί νδóαί νοάάί ί έ  
 νι ι έί οί νδòρ.

Δαçεε+εγ ι άæáo  
 γöεί δε άεί οί τ ι άί ε  
 νι νοί γó άεάάι υι ι άδαçί ι  
 ά ι άοάί ε+άñεεο ε  
 öεί ε+άñεεο έα+άñοάαò

yaaōīōīā.

Ŋ ūāāīēñōūī ē ē āēēīēñōūī ē āēīōīīāī ē nāyçāī ū ðōñēīāūā  
āēīōīīū, āāđīyōīī, āāēāō īāđāçī āāīēy ī ā nīīōāāðñōāōīpūēō òēīāō  
yaaōīōīīā.

īāēāīēāā īāīñīāēāīīūī ē yāēyīpōñy nēāēūīūā ē īāñ+āīūā  
āēīōīīū, +ōī yāēyāðñy đāçōēūōāōīī ēēōīīōīōāēōēē ē īñāīīīīđī-  
ōāēōēē.

Ŋāyçōīpūēī çāāīīī īāæāō āñāī ē òēīāī ē āēīōīīā yāēyīpōñy  
ūāāīēñōūā āēīōīīū, +ōī īāūyñīyāðñy ēō īđīñōđāīñōāāīīūī  
āīñīīāñōāīī ē īđīīñēōāēūīīē īāēōđāēūīīñōūīp yāāōē+āñēēō  
ōñēīāēē. īī īđīēñōīæāīēp ūāāīēñōūā āēīōīīū, āāđīyōīī,  
yāēyīpōñy īāēāīēāā īīēīāūī ē īāđāçī āāīēyī ē ēññēāāī āāīīīāī  
ēāīāōāōōā, īī ēđāēīāē īāđā çīā+ēōāēūīāy ēō +āñōū āīçīēēēā ā  
đāçōēūōāōā āīōđīīīāāīīē òđāīñōīđīāōēē īāñ+āīūō ē nēāēūīūō  
yaaōīōīīā.

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