

595.762.12

*Poecilus cupreus* (Linnaeus, 1758) (COLEOPTERA, CARABIDAE)

(Thiele, 1977).

(Kryzhanovskij et al.,1995). ( , 1979).

1997 ( ), ( . . . ),  
- ( ),  
12 1997 . (0,15 / , 5% )  
4% 10  
10-14 . 12 18 .  
1739 .  
-10. ; ( )  
( \* ),  
(1 - , 2 -  
, 5 , 3 - , 4 -  
, 5 -  
t-  
P=0,05.

1739 , -- 540.  
(1,51±0,01), (0,68±0,01)

12 ( ) .

19,2% 29,4% 13,9% 20,3-31,7% .

1. ( , 1977 )

			-		-
, %	23.06	80,7	80,8	70,6*	78,6*
	1.07	87,6	81,8	72,0*	79,6*
	16.07	84,6	82,8	74,8	68,3
	18.08	100	90,1	86,1	77,4
, %	23.06	33,6*	65,6*	22,6*	62,5*
	1.07	45,8*	50,7*	23,5*	47,1*
	16.07	44,3*	56,4*	30,0*	36,7*
	18.08	33,6	42,2	0	21,6

. 1-3: \* - 0,05

60%. ( . 1). 50% . 1:1

- 77,4% . 66,4% ,

-34,4% - 23 .

( . 2). -

1). , ( .

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2.

(, 1977 .)

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			-		-
,	23.06	3,3/2,9	2,9/2,9	3,4/3,0	4,0/3,0
	1.07	3,3/3,1	3,4/3,3	3,4*/2,9*	2,9*/4,1*
	16.07	3,7/3,2	3,3/3,1	3,9/2,8	3,6/3,2
	18.08	3,4/3,4*	3,1/2,0*	3,2/0	3,3/3,1
,	23.06	3,5/1,5	3,2/1,8	3,6/1,8	3,7/2,4
	1.07	4,0/1,8*	4,1/3,3*	4,2/1,9*	4,2/3,5*
	16.07	3,6/2,4	3,5/2,1	3,7/2,3	4,2/2,0
	18.08	3,0/2,4	3,0/2,0	2,5/0	3,3/1,5

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( . 3).

( . 3).

3.

(, 1977 .)

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			-		-
,	23.06	4,5	4,9	4,8	5,0
	1.07	4,5	4,6	4,6	5,0
	16.07	4,4	4,6	4,9	4,7
	18.08	4,0*	2,9*	-	4,6
,	23.06	4,2*	3,8*	4,3*	3,7*
	1.07	4,1*	3,6*	4,4*	3,7*
	16.07	4,3*	3,6*	4,4	4,5
	18.08	2,1*	1,6*	2,1	2,5

	23.06	8,0	7,6	8,6*	8,0*
	1.07	7,6*	5,7*	8,3*	6,2*
	16.07	7,8*	6,4*	7,9	7,6
	18.08	1,6*	1,0*	1,3	3,1

( . 3).

(8,6 .)  
(1,0 .)

\* \* \*

1.

2.

3.

4.

1. . .// . 4. . 1979.
2. Kryzhanovskij O.L., Belousov I.A., Kabak I.I., Kataev B.M., Makarov K.V., Shilenkov V.G. A Checklist of the Ground-Beetles of Russia and Adjacent Lands (Insecta, Coleoptera, Carabidae). Sofia-Moscow. 1995.
3. Thiele H.U. Carabid beetles in their environments. Berlin, 1977.

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- . . . . . *Poecilus cupreus* (Linnaeus, 1758)  
(Coleoptera, Carabidae) // . . . . . 2, 2003, 1.

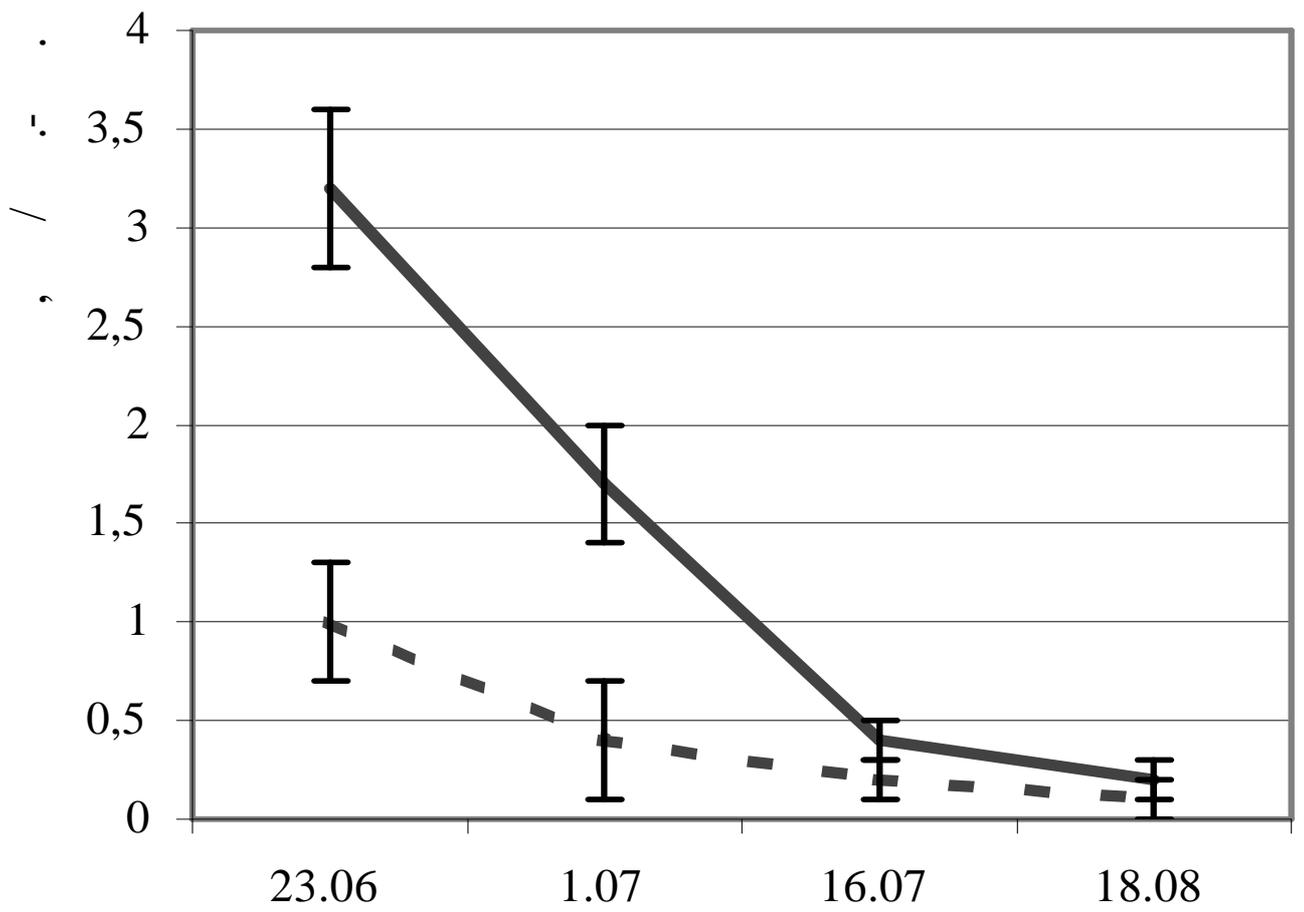
*Poecilus cupreus* (Coleoptera, Carabidae)  
1997

.3 .3, .1

**Effect of the Sumi-alpha spraying to the population's structure of *Poecilus cupreus* (Linnaeus, 1758) (Coleoptera, Carabidae) on a barley field**  
*O.R. Aleksandrovich, N.P. Zelener*

SUMMARY

Field investigations of the effect of insecticide Sumi-alpha (esfenvalerat) spraying to population's structure of carabid beetle *Poecilus cupreus* were undertaken in June-August 1997 in Gomel district (SE Belarus). The reducing of dynamic density, decreasing of females share and mature eggs were observed on treated plot.



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*Poecilus cupreus*

