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Materials of scientific researches on specific composition, biology, ecology and weed plants harmfulness, insects and causal organisms of agricultural crop diseases are published in the collected articles. Effectiveness and ecological safety of agrotechnical, biological and chemical measures on optimization of phytosanitary agrocenosis situation is presented

For scientific workers, agronomists in plant protection, lecturers and students of agricultural universities

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STRUCTURE OF THE COMPLEX OF ENTOMOPHAGOUS ARTHROPODS OF MEALY PLUM APHID (*Hyalopterus pruni*) ON SECONDARY HOST PLANTS IN NAROCH REGION

Annotation. We present the results of research of structure of the complex of entomophagous arthropods of mealy plum aphid (*Hyalopterus pruni*) on common reed (*Phragmites australis*) in Naroch region. The levels of occurrence in colonies and the relative abundance of the main aphidophagous taxa are given. The dominant groups of aphidophages were the larvae of hoverflies (*Syrphidae*) and imago of ladybirds (*Coccinellidae*).

Key words: mealy plum aphid, stone fruit, phytophages, pests, secondary host plants, complex of entomophagous, aphidophagous, *Hyalopterus pruni*

634.752.2(476)

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(*Hyalopterus pruni*) –

: 11.06.2013

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(*Phragmites australis*),
H. pruni

– : ,
, *Hyalopterus pruni*, *Phragmites australis*

(*Hyalopterus pruni* (Geoffroy, 1762); Homoptera: Aphididae)

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[1].

[2].

H. pruni
Prunus L.
 (*Prunus spinosa* L.),
 (*Prunus divaricata* Ldb.)
 (*Prunus x domestica* L.),

[3]

[1, 4, 5].

H. pruni,

(—)

H. pruni

(*Phragmites*

australis (Cav.) Trin. ex Steud. s.l.),

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GARMIN GPS 76

2006 .

2004 .,

OziExplorer (v. 3.95.2)

H. pruni

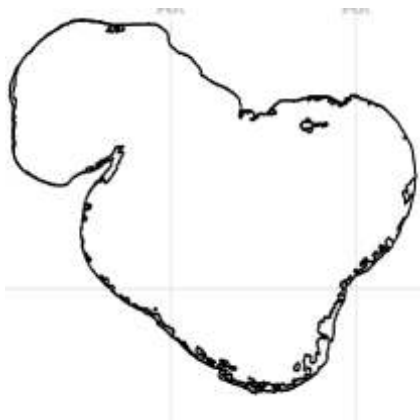
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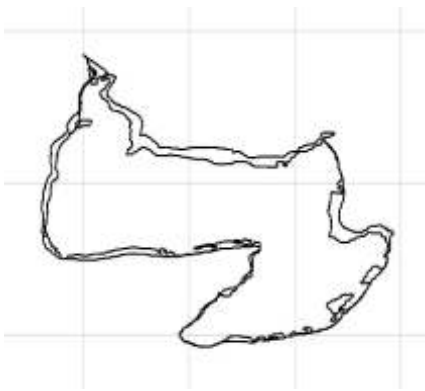
1. 2,726 ², 3,4 %
 5 (25 ²), 10,9 %
 (87,5 %), -9,0%, 1 %
 1,5-1,8 .
 12,0 %
 1,534 ², 79,0 %
 (85 % 2 .),



1 -



2 -



3 -

9,0 %, (, ,) - 6,0 %.

13,0 % (74,0 % 2).

1,5 . - 3. 0,795 ², 39,0 % 12,0 % 11,0 % (,) 3,4 %.

Ph. australis

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1 -

(*Phragmites australis*)

(*Hyalopterus pruni*)

	67,71±63,62	54,35±52,03	17,09±17,07	139,15±134,74
	30,28±23,36	29,98±28,60	10,99±10,72	71,25±66,78
	27,55±23,80	29,13±28,16	10,76±10,28	67,44±65,24

2 – *(Hyalopterus pruni)*
(Phragmites australis)

								min	max	min	max
								0,426	424,424	0,852	874,187
								0,200	133,739	0,399	275,462
								0,034	49,343	0,067	101,633

1. []//
; 2005. – . 379–382.
2. (Aphidodea) / , 1989. – 331 .
3. / – : , 2001. – 99 .
4. III / [] . //
; , 1967. – . 178.
5. / //
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(.) [] . – : ,
2013. – C. 268–273.

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COMMON REED THICKETS AS NATURAL RESERVE OF MEALY PLUM APHID (*Hyalopterus pruni*) – ORCHARD PEST IN NAROCH REGION

Annotation. The results of research of common reed thickets as a natural reserve of mealy plum aphid (*Hyalopterus pruni*) in Naroch region are presented. We measured the amphibiotic thickets areas and the proportion of reed of the largest lakes of Naroch Lake system (Naroch, Myastro, Batorino). We obtained the data about the average number of colonies of mealy plum aphid which developing on the plants (stems) of common reed (*Phragmites australis*) of Naroch Lake system. We evaluated the number of hemipopulations of *H. pruni* on its secondary host plant (common reed) before remigration of the aphids on cultivated plum.

Key words: mealy plum aphid, stone fruit, phytophages, pests, secondary host plants, reeded area, common reed, *Hyalopterus pruni*, *Phragmites australis*