

**(Mollusca, Pulmonata, Bulinidae)**

(6, 12, 18, 24, 30 )  
 (pH)  
*Planorbarius corneus* (Linnaeus,  
 1758) –  
 6-  
 20%,  
 63,8% ( $p < 0,01$ ), (pH)  
 ( 12, 18, 24, 30 )  
*P.*  
*corneus* 30 ( $p < 0,01$ )  
 pH  
 : *Planorbarius corneus*,  
 , pH,

The article focuses on the results of investigations of the concentration of haemoglobin in the haemolymph of *Planorbarius corneus* (Linnaeus, 1758), it's pH and the mean quantity of daily ration (QDR) in the case of desication (6, 12, 18, 24, 30 days). The research shou's that on the 6 days of desication the concentration of haemoglobin in haemolymph of these molluscs increases on 20% and QDR – on 63,8% ( $p < 0,01$ ), but pH remain without the changes. The consequence of more long desications (12, 18, 24, 30 days) are progressive increase of the concentrations of haemoglobin and QDR. The consequence of desication be prolonged to 30 days is the reduction pH from 7,0-8,0 to 6,0-7,0.

**Key words:** *Planorbarius corneus*, desication, haemolymph, haemoglobin, pH, mean quantity of daily ration (QDR).

20-25

[1],

*Planorbarius corneus* (Linnaeus, 1758),

[3, 5].

corneus, (pH) P.  
( ).  
236 .  
( .  
)  
5-6 2017 .  
(24×18<sup>2</sup>)  
–  
( – 7-10 ).  
– 6, 12, 18, 24, 30 .  
(  
[2]), pH –  
( – Czech Kerubic, Neratovice).  
[8, 9].  
*Miriophyllum demersum*,  
(5-7 )  
[6].  
( . 1).

1

### ***P. Corneus***

n	, %		pH		, %	
	lim	M±m CV	lim	M±m CV	lim	M±m CV
1	2	3	4	5	6	7
<b>6</b>						
24	0,92-1,19	1,10±0,07 11,17	7,0-8,0	7,54±0,16 18,31	3,50-5,77	4,61±0,02 19,09
<b>12</b>						
40	1,15-1,41	1,32±0,08 12,11	7,0-8,0	7,61±0,12 16,12	5,31-7,98	7,55±0,64 18,13
<b>18</b>						
38	1,29-1,54	1,43±0,06 15,12	7,0-8,0	7,39±0,15 13,18	4,05-7,11	6,16±0,56 17,12
<b>24</b>						
50	1,35-1,63	1,52±0,05 14,16	7,0-8,0	7,35±0,19 18,36	3,00-4,73	3,56±0,34 15,19
<b>30</b>						
30	1,42-1,73	1,60±0,07 15,13	7,0-8,0	7,26±0,43 14,16	1,99-3,15	2,52±0,51 19,12

1	2	3	4	5	6	7
<b>30</b>						
44	1,68-1,89	1,76±0,08 18,17	6,0-7,0	6,41±0,59 18,11	1,94-3,21	2,11±0,73 20,12

, ,

· - [4, 7].

: 6-24  
(pH=7,0-8,0).  
pH (30 ) (pH=6,0-7,0).

6-  
1,64 (p<0,01).

· (30 )  
2,19 (p<0,01).

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