

© . . . , . . .
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630*231.1+907.2

Natural regeneration was counted and described in terms of its viability under Scots pine overstory experiencing different recreation pressure. A threshold recreation-caused degradation phase was established, when both regeneration vigor and the number of Scots pine saplings decrease.

. . . , . . .
. . . , . . .

L -

; n_1, n_2, n_3 -

, 1 ; N -

, 1 .
L = 100-80%
79-

50 - , 49-20 -
20 % -

[8] (1).

1 -

	, /		, %		, / ²	
	2,0	6,0	20	60	1,0	0,6
I	8,1	16,0	37	84	2,1	1,9
II	59,4	37,2	79	77	7,6	4,7
III	71,2	15,8	81	33	7,8	2,4
IV	85,1	0,0	81	0	9,3	0,0

72

%

(, .),

III

1

2 -

	, %		, %	
	85		83	
I	89		72	
II	79		73	
III	75		68	
IV	70		0	-

2 , (II-III),

0,5 (3).

– 0,8-1,0.

3 -

	0,1	0,1-0,5	0,6-1,0	1,1-2,1	2,1-3,0	3,0
	-	47	27	16	9	1
I	10	35	33	17	5	-
II	23	48	17	9	2	1
III	13	71	11	5	-	-
IV	-	-	-	-	-	-

III

. 2004. 2.

- 1.
- // .- 1989.- 4.- .51-57.
- 2.
- 3., 1984.- 21 .
-
-, 1982.- 25 .

- 4. 56-100-95.
-, 1995. - 8 .
- 5. 56-69-83.
-, 1983. - 11 .
- 6.
-, 1962.-53 .
- 7.
-, 1988. -14 .
- 8.
-, 1997. - 95 .
- 9.
-: 1961,- 144 .
- 10.
-, 1980. - 47 .
- 11.
-, 1980.-136 .
- 12.
-
- //
- . - 1999. - 3. - .84-91.

