

630\*114.351:630\*43(571.513)

### ОСОБЕННОСТИ ВОССТАНОВЛЕНИЯ ЛЕСНОЙ ПОДСТИЛКИ ПОСЛЕ ПОЖАРА НА КЛАСТЕРНОМ УЧАСТКЕ «ПОДЗАПЛОТЫ» ЗАПОВЕДНИКА «ХАКАССКИЙ»

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« » « » « »

60–70%

3

63–65%, 35–36%,

(2016–2017 .)

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**Ключевые слова:** лесные пожары, низовые пожары, лесные экосистемы, лесная подстилка, запас, фракционный состав

### THE FEATURES RECOVERY OF FOREST FLOOR AFTER A FIRE ON THE CLUSTER SITE «PODZAPLOTY» OF THE RESERVE KHAKASSKY

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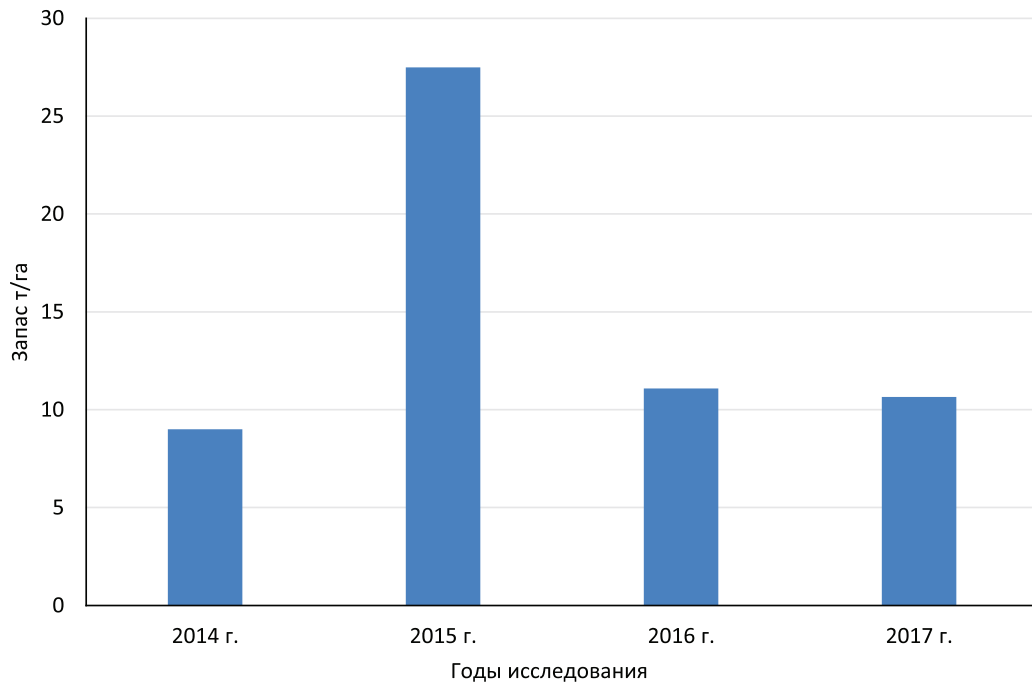
The questions of fire effect on forest floor in cluster plot «Podzaploty» of the state reserve Khakassky are shown in the article. The study revealed that in undisturbed forest ecosystems at cluster plot «Podzaploty» total amount of forest litter has a pronounced, easily discernible schistosity, and the main material composing it is an annual herb litter, trash and small branches, making a total of 60-70% by weight of the litter. In the first year after the fire, litter dramatically increases its amount by increasing the share of heavy fractions – the proportion of inactive fractions in the forest floor increases in 3% and practically twice the share of the active fraction. The share of the inactive fraction of forest litter in the first year after the fire reaches 63-65%, and the share of the active fraction drops to 35-36%, due to the almost complete burnout of the active fractions during the fire and its gradual accumulation during the vegetation period. On the second and third year after the fire (2016 – 2017) the situation becomes level and the ratio of the fractions reaches pre-fire period. Thus, the most pronounced changes in forest litter as a result of the fire are expressed in a sharp increase in its total stock and in a change in the ratio of fractions. Restoration of forest litter after a fire in mixed larch-birch forests of the cluster plot «Podzaploty» of the state nature reserve «Khakassky» occurs already in the second or third year after pyrogenic exposure. After three growing seasons, following the fire, the main indicators of the forest litter are approaching the pre-fire period.

**Keywords:** forest fires, ground fires, forest ecosystems, forest floor, stock, fractional composition

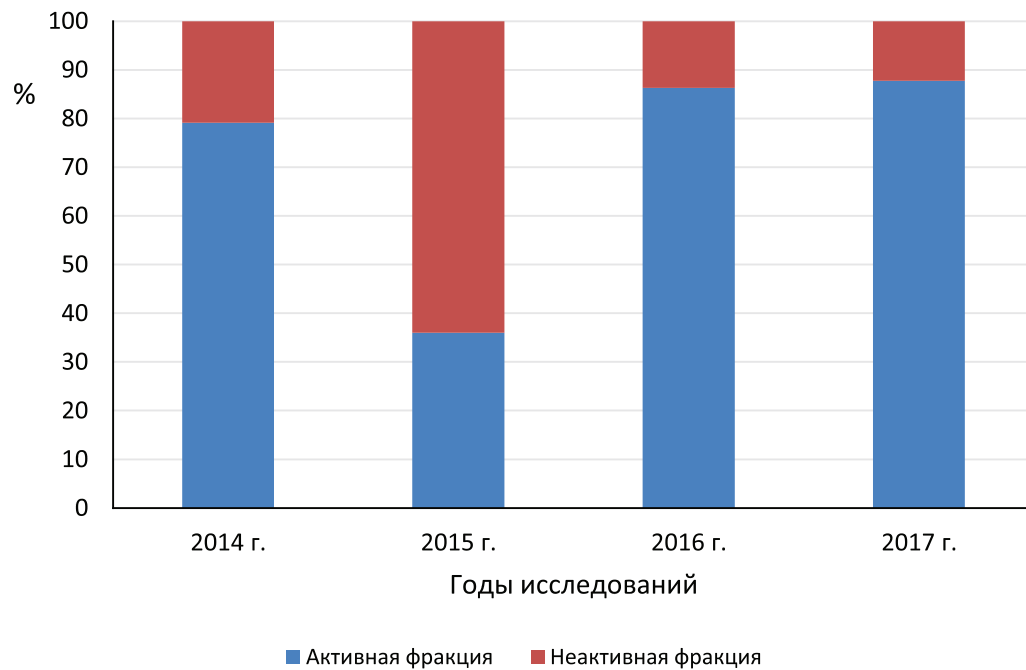
[1].

[2].

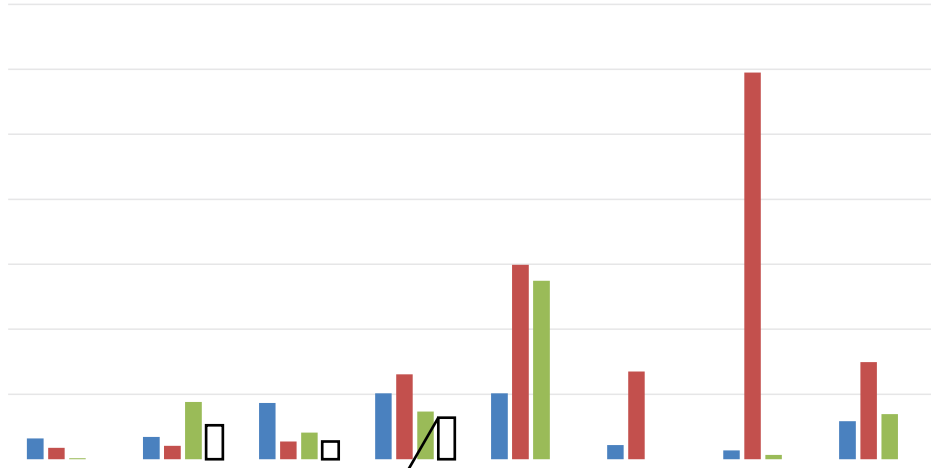




1. « » (2014–2017 .) « »



2. « » (%) (2014–2017 .) « »



2014 .( « » 40%  
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- 40%.
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- Выводы**
1. «...» (3),
2. (2–3)
3. ( )
4. «...»
- 16-44-190956 – «...»
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