

TO THE 85th ANNIVERSARY OF ARBORETUM OF MOUNTAIN-TAIGA STATION, RUSSIAN ACADEMY OF SCIENCES, FAR EASTERN BRANCH

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The Arboretum of the Mountain Taiga Station of the Far East Branch of the Russian Academy of Sciences is one of the oldest introduction centers in the Russian Far East. Created in 1935, it currently has a collection of woody and herbaceous plants of the Northern hemisphere, numbering 1022 species. The greatest species diversity is represented in such genera as *Rosa* (39 species), *Lonicera* (33), *Crataegus* (31), *Berberis* (31). The plantings cover an area of 50 hectares and are distributed over 23 plots surrounded by oak forests. The Arboretum of the Mountain Taiga Station plays an important role in the conservation of biological diversity and ecological education of the population in the south of the Russian Far East.

Keywords: plant introduction, arboretum, Russian Far East, Mountain-Taiga Station

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REFERENCES

- Vorob'yov D.P., Zhilyakov I.I., Kurentsov A.I., Samoilov T.P. 1938. Gornotayezhnaya stantsiya Dal'nevostochnogo filiala Akademii nauk SSSR (itogi i perspektivy) [Mountain taiga station of the Far Eastern branch of the USSR Academy of Sciences (results and prospects)]. Vladivostok. 68 p. (In Russ.).
- Gorokhova S.V., Kolyada N.A., Malysheva S.K., Ostrogradskii P.G. 2017. Dendrariyu Gornotayezhnoi stantsii DVO RAN – 82 goda [The arboretum of the Mountain Taiga Station of the Far Eastern Branch of the Russian Academy of Sciences is 82 years old]. – Vestnik DVO RAN. 5: 47–53 (In Russ.).
- Gur'yev A.D., Samoilova T.V. 1989. Introduktsiya rastenii v dendrarii Gornotayezhnoi stantsii Dal'nevostochnogo otdeleniya AN SSSR (itogi rabot za 1967–1987 gg.) [Plant introduction in the arboretum of the Mountain taiga station of the Far Eastern branch of the USSR Academy of Sciences (results of work for 1967–1987)]. – In: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii. Vladivostok. P. 16–27 (In Russ.).
- Kolyada A.S. 1995. Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii v period 1932–1940 gg. [Biological research at the Gornotezh station in the period 1932–1940]. – In: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii. Vyp. 2. Ussuriysk. P. 252–274 (In Russ.).
- Kolyada A.S. 2018. Gornotayezhnaya stantsiya: zhizn' v vospominaniyakh i dokumentakh [Gornotezh station:

- life in memories and documents]. Vladivostok. 90 p. (In Russ.).
- Kolyada A.S., Kolyada N.A. 2012. Gornotayezhnaya stantsiya: kak vse nachinalos'. K 80-letiyu pervogo akademicheskogo uchrezhdeniya na Dal'nem Vostoke [Gornotezh station: how it all began. On the occasion of the 80th anniversary of the first academic institution in the Far East]. Ussuriisk. 76 p. (In Russ.).
- Kolyada A.S., Mezentsev A.L., Koveshnikov Ye.V. 2015. Yuzhno-Ussuriiskoye otdeleniye Priamurskogo otdela Russkogo geograficheskogo obshchestva (1916–1929) [South Ussuriysk branch of the Amur Department of the Russian Geographical Society (1916–1929)]. Biologicheskkiye issledovaniya: Monografiya. Vladivostok. 128 p. (In Russ.).
- Malysheva S.K. 2008. Prichiny otritsatel'nykh rezul'tatov pri kul'tivirovaniy introduktsentov [Reasons for negative results in the cultivation of introduced species]. – In: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii. Vyp. 11. Vladivostok. P. 58–62 (In Russ.).
- Malysheva S.K. 2018. Otritsatel'nyye rezul'taty introduktsionnogo eksperimenta v dendrarii Gornotayezhnoi stantsii DVO RAN [Negative results of the introduction experiment in the arboretum of the Mountain Taiga Station, FEB RAS]. – Nauchnyi zhurnal KubGAU. 142 (08) (In Russ.).
<http://ej.kubagro.ru/2018/08/pdf/11.pdf>.
<https://doi.org/10.21515/1990-4665-142-011>
- Malysheva S.K., Gorokhova S.V. 2017. Dendrarii Gornotayezhnoi stantsii kak ob'ekt sokhraneniya bioraznobraziya [Arboretum of the Mountain-taiga station as an object of biodiversity conservation]. – Agrarnyy vestnik Primor'ya. 4 (8): 54–57 (In Russ.).
- Ostrogradskii P.G. 1998. Redkiye travyanistyye mnogoletniki dendrariya Gornotayezhnoi stantsii [Rare herbaceous perennials in the arboretum of the Gornotaezh station]. – In: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii. Vyp. 4. Vladivostok. P. 137–147 (In Russ.).
- Ostrogradskii P.G. 2002. Istoriya razvitiya dendrariya Gornotayezhnoi stantsii [The history of the development of the arboretum of the Mountain-taiga station]. – In: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii: sb. nauch. Trudov. Vyp. 8. Vladivostok. P. 374–389 (In Russ.).
- Ostrogradskii P.G. 2012. Spisok redkikh vidov rastenii dendrariya Gornotayezhnoi stantsii, inventarizatsiya 2011 goda [List of rare plant species in the arboretum of the Mountain taiga station, inventory of 2011]. – Yestestvennyye i tekhnicheskkiye nauki. 6 (62): 110–113 (In Russ.).
- Ostrogradskii P.G. 2012. Itogi inventarizatsii rastenii dendrariya Gornotayezhnoi stantsii DVO RAN v 2011 g. [The results of the inventory of plants in the arboretum of the Mountain taiga station of the Far Eastern Branch of the Russian Academy of Sciences in 2011]. – Yestestvennyye i tekhnicheskkiye nauki. 6: 107–109 (In Russ.).
- Ostrogradskii P.G., Malysheva S.K. 1999. Spisok rastenii dendrariya Gornotayezhnoi stantsii (po rezul'tatam inventarizatsii 1997 g.) [List of plants in the arboretum of the Mountain Taiga Station (based on the results of the 1997 inventory)]. – In: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii. Vyp. 5. Vladivostok. P. 152–177 (In Russ.).
- Ostrogradskii P.G., Malysheva S.K., Gorokhova S.V. 2008. Rezul'taty inventarizatsii rastenii dendrariya Gornotayezhnoi stantsii v 2007 g. [The results of the inventory of plants in the arboretum of the Gorno-taiga station in 2007]. – V kn.: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii. Vyp. 11. Vladivostok. P. 18–44 (In Russ.).
- Samoilova T.V. 1958. Rezul'taty introduktsii i vvedeniya v kul'turu na yuge Primorskogo kraya tsennykh drevesno-kustarnikovykh porod [The results of the introduction and introduction of valuable tree and shrub species in the south of the Primorsky Territory]. – V kn.: Voprosy rekonstruktsii i povysheniya produktivnosti lesov Dal'nego Vostoka. (Tr. DVF SO AN SSSR. Ser. botan. T. 4 (6)). Vladivostok. P. 89–136. (In Russ.).
- Samoilova T.V. 1966. Introduktsiya i akklimatizatsiya derev'yev, kustarnikov i lian na Gorno-tayezhnoi stantsii DV filiala SO AN SSSR [Introduction and acclimatization of trees, shrubs and lianas at the Gorno-taiga station of the Far East branch of the Siberian Branch of the USSR Academy of Sciences]. – In: Problemy biologii na Dal'nem Vostoke. (Tez. dokl. na godichnoi sessii DV filiala SO AN SSSR). Vladivostok. P. 86–84 (In Russ.).
- Samoilova T.V. 1971. Drevesnyye rasteniya dendrariya Gornotayezhnoi stantsii [Woody plants of the arboretum of the Mountain taiga station]. – Nauchnyye osnovy khozyaystvennogo osvoyeniya yuga Primorskogo kraya. Vladivostok. P. 52–57 (In Russ.).
- Samoilova T.V., Vorob'yev YU.A., Malysheva S.K. 1993. Itogi inventarizatsii kollektzii rastenii dendrariya Gornotayezhnoi stantsii DVO RAN 1975–1990 gg. [Results of the inventory of the plant collection of the arboretum of the Mountain Taiga Station of the Far East Branch of the Russian Academy of Sciences 1975–1990.]. – Biologicheskkiye issledovaniya v yestestvennykh i kul'turnykh ekosistemakh Primorskogo kraya. Vladivostok. P. 99–118 (In Russ.).
- Fisenko S.M. 1998. K 65-letiyu Gornotayezhnoi stantsii (vmesto vvedeniya) [To the 65th anniversary of the Gornotezh station (instead of introduction)]. – In: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii. Vyp. 4. Vladivostok. P. 5–10 (In Russ.).
- Fisenko S.M. 1999. Pamyati Taisii Vasil'yevny Samoilovoi (1908–1998) [In memory of Taisiya Vasilievna Samoilova (1908–1998)]. – In: Biologicheskkiye issledovaniya na Gornotayezhnoi stantsii: sb. nauch. tr. Vyp. 5. Vladivostok. P. 5–10 (In Russ.).