

ONTOGENESIS OF *VERONICA INCANA* (SCROPHULARIACEAE)

IN CENTRAL YAKUTIA

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REFERENCES

1. Galaktionova T. F. 1975. Seasonal development of steppe (*Stipa capillata*+*Koeleria gracilis*+*Agropyron cristatum*) on the slopes of Chuchur-Muran. *Introduktsiya rasteniy v Tsentralnoy Yakutii*. Yakutsk. P. 30–33. (In Russian)
2. Ivanova V. P. 1971. Steppe plant communities (*Cleistogenes squarrosa*) in the valley of river Lena. — *Uchenye zapiski Yakutskogo gosudarstvennogo universiteta*. 18: 70–75. (In Russian)
3. Ivanova V. P. 1981. Fescue steppes as one of the phases of pasture digression of vegetation in the valley of Middle Lena. In: *Rastitelnost Yakutii i ee okhrana*. Yakutsk. P. 37–56. (In Russian)
4. Ivanova V. P., Perfilieva V. I. 1972. To save feather-grass steppes of Yakutia. In: *Priroda Yakutii i eyo okhrana*. Yakutsk. P. 116–122. (In Russian)
5. *Flora Sibiri*. T. 10: Geraniaceae—Cornaceae [Flora of Siberia. Vol. 10: Geraniaceae—Cornaceae] 1996. Novosibirsk. 254 p. (In Russian)
6. *Konspekt flory Yakutii. Sosudistye rasteniya* [Synopsis of the Yakutian flora. Vascular plants]. 2012. Novosibirsk. 272 p. (In Russian)
7. Telyatiev V. V. 1991. *Poleznye rasteniya Tsentralnoy Sibiri* [Useful plants of Central Siberia.]. Irkutsk. 400 p. (In Russian)
8. Makarov A. A. 1989. *Biologicheski aktivnye veshchestva v rasteniyakh Yakutii* [Biologically active substances in plants of Yakutia]. Yakutsk. 156 p. (In Russian)
9. *Rastitelnye resursy Rossii: Dikorastushchie tsvetkovye rasteniya, ikh komponentnyy sostav i biologicheskaya aktivnost*. T. 4: Sem. Caprifoliaceae—Lobeliaceae [Plant Resources of Russia: Wild flowering plants, their composition and biological activity. Vol. 4. Fam. Caprifoliaceae—Lobeliaceae]. 2011. St. Petersburg; Moscow. 630 p. (In Russian)
10. Gusev N. F. 2010. *Biologicheskie osobennosti i perspektivy ispolzovaniya rasteniy roda Veronica L. (sem. Scrophulariaceae Juss.) lesostepnogo i stepnogo Preduralya: Avtoref. diss. ... dokt. biol. nauk* [Biological features and prospects for the use of the plants of the genus *Veronica* L. (Sem. Scrophulariaceae Juss.) steppe and steppe Urals: Abstr. ... Diss. Doct. (Biology) Sci.]. Orenburg. 39 p. (In Russian)
11. Danilova N. S., Borisova S. Z., Ivanova N. S. 2012. *Dekorativnye rasteniya Yakutii: Atlas-opredelitel* [Ornamental plants of Yakutia: Atlas-guidebook]. Moscow. 248 p. (In Russian)
12. Elenevskiy A. G. 1978. *Sistematika i geografiya veronik SSSR i prilegajushchikh stran* [Systematics and Geography of Veronique of USSR and adjacent countries]. Moscow. 259 p. (In Russian)
13. Savinykh N. P. 1982. Evolutionary transformations of sprout systems in the formation of grass of seasonal climate (for example, section *Veronica* L. genus *Veronica* L.). *Byulleten MOIP. Otdel biologicheskij*. 86(5): 89–98. (In Russian)
14. Savinykh N. P. 1998. Rosette grass in the genus *Veronica* L. (Scrophulariaceae) and their origin. — *Byulleten MOIP. Otdel biologicheskij*. 103(3): 34–41. (In Russian)

15. Savinykh N. P. 2005. Ecological and evolutionary aspect of the modular organization of plants. In: Aktualnye problemy regionalnogo ekologicheskogo monitoringa: nauchnyy i obrazovatelnyy aspekty: materialy Vseros. nauch. shk. (Kirov, 24—25 noyabrya 2005). Kirov. Vol. 3. P. 15—21. (In Russian)
16. Savinykh N. P. 2007. Modular organization of plants. In: Ontogeneticheskiy atlas rasteniy. Yoshkar-Ola. Vol. 5. 372 p. (In Russian)
17. Serebryakova T. I., Kagarlitskaya T. N. 1972. Big life cycle and evolutionary relationships of life forms of some species *Veronica* L. sect. *Pseudolysimachium* Koch. — Byulleten MOIP. Otdel biologicheskoy. 77(6): 81—98. (In Russian)
18. Rysin L. P., Rysina G. P. 1987. Morfostruktura podzemnykh organov lennykh travyanistykh rasteniy [The morphological structure of the underground organs of the silvan herbaceous plants]. Moscow. 208 p. (In Russian)
19. Poshkurlat A. P. 1941. Structure and development of turf-being of *Achnatherum*. — Uchenye zapiski MGPI im. V. I. Lenina. Moscow. 30(1): 101—151. (In Russian)
20. Rabotnov T. A. 1950. The life cycle of perennial herbaceous plants in the meadow cenoses. — Trudy BIN AN SSSR. Ser. 3, Geobotanika. 6: 7—197. (In Russian)
21. Uranov A. A. 1967. Ontogeny and age composition of the population. In: Ontogenez i vozrastnoy sostav populyatsiy tsvetkovykh rasteniy. Moscow. P. 3—8. (In Russian)
22. Uranov A. A. 1975. Age range fitocoenopopulation as a function of time and energy wave processes. — Biologicheskie nauki. 2: 7—34. (In Russian)
22. Tsenopopulyatsii rasteniy: Osnovnye ponyatiya i struktura [Coenopopulations of plants: basic concepts and structure]. 1976. Moscow. 217 p. (In Russian)
23. Zhukova L. A. 1995. Populyatsionnaya zhizn lugovykh rasteniy [Population life of meadow plants]. Yoshkar-Ola. 224 p. (In Russian)
24. Serebryakov I. G. 1952. Morfologiya vegetativnykh organov vysshikh rasteniy [Morphology of vegetative organs of higher plants]. Moscow. 392 p. (In Russian)