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Nina Sergeevna PROBATOVA
2 August 1939 – 3 March 2023

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Memories by Ivan V. Tatanov

V.L. Komarov Botanical Institute RAS, Saint Petersburg, Russia

Nina Probatova (NP) was born August 2, 1939 in Novorossiysk, Krasnodar region in a family of ichthyologists, graduates of the Far Eastern Institute of Fisheries Industry (Vladivostok), who moved immediately after the birth of his daughter to Azerbaijan, Baku, where she lived with her parents until her 16th birthday. She helped her father in the fisheries along the Caspian Sea coast, was interested in ichthyofauna, Caspian Sea flora and urban flora of Baku. She graduated from the Biology and Soil Department of Rostov University in 1961. On student internship went in Priamurye (Amur Region), where she first saw and immediately felt in love with the Far East forever.

After graduation she moved to Khabarovsk, worked for three years as an assistant at the botany department of the Khabarovsk Pedagogical Institute, and in 1964 – to Vladivostok, where she enrolled in graduate school at the Institute of Biology and Soil Science of the Far Eastern Branch of the Siberian Branch of the USSR Academy of Sciences to a well-known Far Eastern botanist Dmitry Petrovich Vorobyov with the topic of research "*Poa* L. of the Soviet Far East".

Figure 1 Nina Sergeevna Probatova

From 1966, she worked as a postgraduate student at the Komarov Botanical Institute of Academy of Sciences of the USSR. There she met Nikolai Nikolaevich Tsvelev (NT), the greatest grass systematist. During the 1965 expedition to Kamchatka and Northern Koryakia she met the Associate Professor of Leningrad University Alexandra Pavlovna Sokolovskaya (AS), a famous cariologist and flora scientist.

These scientists played a decisive role in Nina's further studies, and the areas of her scientific interests were grass systematics, karyosystematics (chromosome numbers) of different groups of vascular plants (mostly of the Far East), botanical geography and floristics. The original data of karyology, along with the data of the classical morphological-geographical method, allowed her to solve complex questions of systematics and phylogeny of bluegrasses of the Far East and in 1970 to defend a PhD thesis in the N.V. Tsitsin Main Botanical Garden of the USSR Academy of Sciences.

Like her real scientific Master for almost half a century, NT, NP attached great importance to the role of hybridization in plant evolution and considered correct a narrower understanding of species, where often "small" species are naturally combined into aggregate species. This approach was taken by NT and NP in their monograph "The Grasses of Russia" (2019). NT was a supporter of a narrow understanding of genera, which was fully shared by NP, whom he immediately invited to participate in the work on this fundamental book.

Almost 60 years NP worked as a Chief Researcher at the Laboratory of Higher Plants of the Federal Research Center for Terrestrial Biota Biodiversity of East Asia, Far East Branch, Russian Academy of Sciences (formerly the Institute of Biology and Soil Science, FEB RAS). She authored more than 500 publications (see: Electronic appendix) and one of the main authors of the 8-volume summary "Vascular plants of the Soviet Far East" (1985–1996). In addition to the most complicated family Poaceae (Vol. 1), for this edition she handled 9 other families (Clusiaceae, Convolvulaceae, Cucurbitaceae, Lamiaceae (except *Leonurus* and *Stachys*), Linaceae, Malvaceae (with E.G. Rudyka, ER), Portulacaceae (with ER), Primulaceae, Verbenaceae) in whole or part. The English translation of Vol. 1 with Poaceae is very much in demand among world agrostologists. NP is an author-organizer of Supplements to the 8-volume summary (2006). Co-author of "Vascular Plants of Sakhalin and Kuril Islands" (1974), "Vascular Plants of Kamchatka Region" (1981), "Wild Fodder Grasses of the Far East" (1982). She has worked on expeditions on Kamchatka, in Northern Koryakia, on Commander and Kuril islands, on Sakhalin, in Magadan and Amur Regions, in Primorye Territory, in republics of Central Asia and Caucasus. On excursions she got acquainted with the flora of Karelia, the outskirts of Leningrad (accompanied by NT), the Krasnodar Territory, the Lower Volga, the Altai, the coasts of Lake Baikal.

Since 1965, she has been working for more than 30 years in collaboration with AS on determination of chromosome

Figure 2 Nina Sergeevna Probatova during her postgraduate study

numbers in grasses of the flora of the USSR and different groups in the flora of the Far East. In the Caucasus they discovered the second (after *Zingeria biebersteiniana*) in the world and the first (so far the only one) perennial grass with the lowest number of chromosomes $2n = 4$ – *Colpodium versicolor*. The polybasic state in the genus *Milium* ($x = 4, 5, 7, 9$) was specially investigated and confirmed. In all her expeditions and excursions NP collected material for cariological research. Her publications on chromosome numbers and karyosystematics of plants, including the monographs "Karyology of Flora of Sakhalin and Kuril Islands. Chromosome Numbers, Taxonomic and Phytogeographic Comments" (2007), "Chromosome numbers of vascular plants of Primorsky Krai (Russian Far East)" (2014), and numerous articles on new taxa, distribution features, and ecology of grasses. These works emphasized the specificity of the agrostoflora and flora of the Far East as a whole and in the mainland-ocean contact zone. She analyzed chromosome numbers in terms of taxonomic and phylogenetic relationships of species and superspecies groups, biogeography, differentiation and evolution of taxa in grasses, as well as in other flora groups of the region.

NP's spouse was Vitaly Pavlovich Seledets (VS) (1938-2018), a well-known scientist in ecology, geobotany, and vegetation geography. He involved her in the study of ecological ranges of grasses, which resulted in a number of joint publications, including the monographs "Ecological ranges of plant species" (2007) and "Ecological ranges and ecological niches of plant species in the monsoon zone of Pacific Russia" (2012). Considering the ecoreal as a reflection of evolutionary, biogeographic, and phytocenotic positions of species, they established directions of evolution of agrostoflora of the Far East, where the decisive factor of transformation is the global ecotone – transition from the continent to the ocean. They revealed the connection of chromosome numbers and ploidy level in Poaceae family species with their ecoregions in the mainland-ocean contact zone.

NP described two genera of grasses: oligotypic Asian – North American *Arctopoa*, isolated from *Poa*, and monotypic Minor Asian *Zingeriopsis*, isolated from *Milium*; two more genera of this family – together with NT: Asian-North American *Macrohystrix* and Asian monotypic *Microhystrix*. She is the author and co-author of about 200 species and intraspecific taxa new to science and more than 20 new intraspecific taxa (including nomenclatural combinations). New taxa are described by her mainly from the Far East of Russia and from Siberia.

She leaded a number of noticable initiative projects supported by the Russian Foundation for Basic Research (RFBR): "Karyology of flora of the southern part of the Russian Far East" (1998-1999), "Grasses of the Russian Far East: biodiversity, biogeography, evolution" (2001-2002), "Vascular plants in the mainland-ocean contact zone (Russian Far East): biodiversity, ecology, phytogeography" (2004-2005), «Grasses (Poaceae) of flora of Russia: taxonomy, numbers of chromosomes, phylogeny, geography, ecology" (2011-2013).

NP paid considerable attention to conservation activities. She is the author of works on preservation in natural habitats

Figure 3 Nina Probatova is student at Rostov University (bottom row second from left), 1960 (A) and her first acquaintance with the Far East – exploring the genus *Polygonum* on the Amur River, 1959 (B)

of rare species of grasses, sketches for a number of species in the Red Book of the Russian Federation (1988), the Red Book of the Russian Federation (2008), the Red Book of the Irkutsk Region (2020), the Red Book of the Khabarovsk Territory (2008, 2019), the Red Book of Primorye Territory (2008), the Red Book of Sakhalin Region (2005, 2019).

In 2017, NP was awarded the highest prize of the Russian Academy of Sciences in botany – the V.L. Komarov Prize for a series of publications "Grasses of the Russian Far East: Systematics, Karyology, Phytogeography". Twelve species from different families of vascular plants of the flora of Siberia and the Far East are named after her.

Generalization of a vast and, to a great extent, original factual material and elaboration of theoretical questions allows her works to be considered a significant contribution into development of systematics, phylogeny, karyology and phytogeography of grasses not only in North-East Asia, but also in the world agrostology. The relevance of her publications is evidenced by their popularity, recognition and wide citation by the world botanical community.

Memories by Marina V. Olonova

National Research Tomsk State University, Tomsk, Russia

I first contact Nina Sergeevna Probatova (NP) in 1985, when I encountered difficulties in identifying Magadan bluegrasses for my PhD thesis. Tomsk University, where I studied, is famous for its more than a century-old botanical school, and I was and am proud to belong to it, but then, having begun to identify the collections collected in Kolyma, I soon realized that only NP, the author of the treatment of the *Poa* (bluegrass) genus in the Flora of the then Soviet Far East, could really help me with identifying plants. In our very rich, but nevertheless regional herbarium, the flora of the Far East was very poorly represented; at that time there were no digital cameras capable of taking decent quality photographs of plants, no scanners, and no Internet with its numerous databases, where one could at least approximately check the correctness of the identification. And in general, bluegrasses are not tulips or irises, striking the imagination of nature lovers and publishers of colorful albums. Not many people can correctly identify even widespread species, not to mention materials collected somewhere in the boundless and desolate expanses of the Magadan Region: one part of the samples from there did not fit the description of any species at all, while another part corresponded to two or three or four species at once. In short, only the hopelessness of my situation at the time made me, a student, dare to write to NP herself, and she answered me! It was a letter from a true specialist and mentor, with deep interest, support, faith, and help. I have always felt and received this support and help for 38 years in face-to-face meetings, in letters, in tele-

Figure 4 Nina Sergeevna Probatova with her spouse and closest teammate in every expedition Prof. Vitaly Pavlovich Seledets

Figure 5 Nina Sergeevna Probatova – a prominent scientist, Moscow, August 1978 (A); and persons, who determined her further scientific life: associate professor at Leningrad University, a karyosystematicist, Alexandra Pavlovna Sokolovskaya on Lake Udyl, the Amur River Basin, July 1981 (B) and Prof. Nikolai Nikolaevich Tsvelev, Komarov Botanical Institute, one of the best experts of the flora of Russia, St. Petersburg 2001 (C)

phone conversations. I cannot get used to the thought (and do I have to?) that I will never hear her always cheerful voice, her advice and her energetic reproaches again. I keep catching myself thinking that this or that must be discussed with NP, her opinion on this or that matter, and that I should send her some samples.

For all her principled nature and outward sternness, NP was an exceptionally cordial person, always ready to discuss a problem, able to hear her interlocutor, even those greatly inferior to her in qualifications. It was not easy to argue with NP, but she never imposed her point of view, and the arguments she expressed made you think and take a fresh look at the problem. Demanding of herself, she did not tolerate laziness, excessiveness and slackness. Wherever NP happened to be, everywhere and at any age she tirelessly collected herbarium material, seeds for cariological research, and did not miss the opportunity to work in herbaria. Until her last days, she literally burned with interest in her work. Already a specialist-graminologist of the highest class, despite serious health problems, NP gave herself to her work with energy and enthusiasm, comparable with the enthusiasm of a student who began to carry out his first term paper. With what interest was she looking at the bluegrasses that my American colleague Robert Soreng (RS) and I collected in 2018 in the Russian Far East! Excellently versed in the subtleties of the systematics of all Far Eastern bluegrasses, NP had a special love for bluegrasses. It was to this genus that her first, PhD, dissertation was devoted. More than one type of grass was named after NP, but I am pleased (if it is possible to use this word in this context at all) that my colleague, Viktor Chepinoga, and I managed to describe a new bluegrass species and name it after NP during her lifetime.

NP was not just a great scientist; she served as an example of her attitude to the cause and to her colleagues, especially the young ones. It is hard to say now how many people thank fate for the fact that life brought them together with such a remarkable person, as NP was and will remain in our memory.

Memories by Svetlana V. Ovchinnikova

Central Siberian Botanical Garden SB RAS, Novosibirsk, Russia

I have known Nina Sergeevna Probatova (NP) since 1987, but we began to communicate closely in 2011. During the implementation of the project "Checklist of the flora of Asian Russia", I returned to my old topic on cereals, namely the genus *Puccinellia*, and asked NP send me herbarium samples for work on several Far Eastern species, information and materials, on which I had very little. She immediately responded, sent a most interesting herbarium and many years of correspondence and telephone conversations began. From the very beginning, I was surprised by friendly communication on an equal footing, despite the difference in age and level of knowledge. NP generously shared her thoughts, all the time called for a discussion, always asked: "What do you think?".

During my work, I got used to constant communication with my supervisor G.A. Peshkova, but in 2009 she went on a well-deserved rest and a void arose. And suddenly NP appeared in my life. They were very similar in the integrity of nature, purposefulness, extraordinary diligence, increased demands on themselves, the desire to learn new, unknown. It was very attractive, I wanted to speak and hear interesting thoughts, other views. Almost immediately, the idea arose to revise the Far Eastern *Puccinellia*, to analyze the accumulated cytological data of NP. She sent me 5 parcels with 153 voucher herbarium specimens with chromosome definitions and links to their publication. I reviewed all literary sources on *Puccinellia* chromosomes, studied the entire herbarium, corrected errors, and discovered 2 species new to Eurasia. The chromosome numbers of the new taxa were almost immediately published in the journal "Taxon" (Probatova et al. 2013). Based on the results of the revision of herbarium materials and published data on chromosome numbers in the genus *Puccinellia* in Russia and some neighboring countries (the former USSR), a large review article was published, in which the necessary corrections were made to previously published works, information on chromosome numbers and data on distribution for 50 species of the genus, while for 7 species the numbers of chromosomes are indicated for the first time (Ovchinnikova & Probatova 2015a).

When working with the herbarium, NP urged to pay attention to the "unusual" specimens of *P. distans* (Jacq.) Parl., which differed in the pubescence of the keels of the upper lemmas. A little later, we described a species new to science and named it in honor of her teacher and a very important person for both of us, N.N. Tsvelev – *P. tzvelevii* Ovczinnikova et Prob. (Ovchinnikova & Probatova 2015b).

Figure 6 The seminars conducted by Nina Sergeyevna Probatova were full of absolutely new material and always attracted a lot of attention.

Nina Sergeevna herself was the greatest agrostologist with a worldwide reputation, but at the same time she always had a very respectful attitude towards young colleagues, their knowledge, but much less. In our conversations, NP constantly repeated: "What a complex object you have, the genus *Puccinellia*!" In life and in science NP was an unusually friendly person, always ready to help with deed and advice. I have always been amazed at her confidence. At the request of NP I twice wrote a submission to a series of her works submitted for the Prize V.L. Komarov RAS. Prize NP well deserved in 2017. Then, quite surprisingly, I was asked (of course, on the recommendation of NP) to write a review of the monograph "Grasses of Russia" (Tzvelev & Probatova 2019). After the book was published, NP sent it to me as a gift. After N.N. Tsvelev passed away NP had to work hard to prepare the manuscript for publication, but how happy she was when the monograph was published!

I can say about myself that, to a greater extent, thanks to communication with NP during these years wrote and published a series of papers on the genus *Puccinellia* (Ovchinnikova 2012, 2013, 2014a, b, Ovchinnikova et al. 2016, Ovchinnikova 2022). Bright and grateful memory of the remarkable scientist and person N.S. Probatova will forever remain in my heart.

Memories by Denis A. Krivenko

Siberian Institute of Plant Physiology and Biochemistry SB RAS, Irkutsk, Russia

My acquaintance with Nina Sergeevna Probatova (NP) took place in 2011 by correspondence. I was finishing my studies at the University and getting ready for exams to enter the PhD program. At that time, I started counting the number of chromosomes in vascular plants and had already managed to publish the first results. Then, I was interested in the genus *Viola* L. and asked NP to send me an electronic copy of her article "Chromosome numbers, taxonomy and distribution of the Far Eastern violets (*Viola*, Violaceae)" (Probatova et al. 2001). There was no electronic version, and by chance I was sent the entire volume in which this article was published, as well as several reprints of articles related to the karyological study of the flora of Sakhalin and the Kurile Islands, and the monograph "Karyology of the flora of Sakhalin and the Kurile Islands. Chromosome numbers, taxonomic and phytogeographical comments" (Probatova et al. 2007). Later I also made a small contribution to the karyological study of the flora of Sakhalin. Since then, NP and I began a rather dense correspondence and exchanging phone calls. Shortly, NP invited me to participate in the Russian Foundation for Basic Research project "Grasses (Poaceae) of Russia: taxonomic revision, phylogeny, karyosystematics, and geography" (2011–2013). My task was to collect herbarium material of the Poaceae family and send it to Vladivostok for further karyosystematic study. We agreed that I would send to Vladivostok not only Poaceae but also doublets of identified herbarium specimens and their seeds of other families, except Fabaceae, for counting chromosome numbers. Thus, for 12 years I was one of the correspondents, who sent to NP the material for counting the number of chromosomes from my expeditions in the Caucasus, Altai, Baikal Siberia and the Far East.

Our personal acquaintance took place in October 2013 in Vladivostok, at the conference "Plants in the Monsoon Climate-VI", organized by the Botanical Garden-Institute FEB RAS. At the Plenary, NP in co-authorship with NT presented "The project Poaceae of Russia" (Probatova & Tzvelev 2013). It was the first presentation to the scientific community the draft of the monograph on the Poaceae family in the flora of Russia. As you know, the monograph "Grasses of Russia" (Tzvelev & Probatova 2019) was published eight years later. After the death of NT, NP invested in this monograph a lot of effort and finances, including her Award prize named after V.L. Komarov of the Russian Academy of Sciences. This award was given to her in 2017 "for a series of works: "Grasses of the Russian Far East: systematics, karyology, phytogeography", and it was spent on the preparation and publication of the monograph, which is, to my knowledge, is currently translated into English to be published abroad.

Our second meeting with NP also took place in Vladivostok in 2015, when I together with colleagues from St. Petersburg, Yekaterinburg and Vladivostok were collecting material during three grants of the Russian Foundation for Basic Research in the Far East and working at the VLA Herbarium. NP gave us tea during the lunch breaks, told us different stories and took an interest in our results and scientific plans. During this expedition, I collected *Medicago* × *varia* Martyn, a new species for the flora of the Khabarovsk

Figure 7 Nina Probatova devoted every minute of her life to her favorite work: both at home (A) and at work at the Institute of Biology and Soil Science of the Far East Branch of the Russian Academy of Sciences (B)

Territory, and *Vicia tenuifolia* Roth, a new species for the flora of the Sakhalin Region; their species identity was also confirmed by karyological data (Probatova et al. 2017). The importance and significance of karyological studies, using the example of the flora of the Russian Far East, were summarized by NP in a special review (Probatova 2003).

First, in collaboration with Alexandra Pavlovna Sokolovskaya, Associate Professor of the Department of Botany of the Leningrad University, and a little later with Elvira Georgievna Rudyka (ER), the employee of the Institute of Biology and Soil Science FEB RAS, NP was engaged in the karyosystematic study of the flora of Northern Eurasia. Together they studied and published the chromosome numbers for almost 13.000 vascular plant specimens from various families, mainly, of course, Poaceae.

NP did not stop karyological research literally until the last days of her life. Breaks in her work happened only during summers when ER was busy at dacha or because of NP's poor health. Even when the Institute of Biology and Soil Science FEB RAS (now Federal Scientific Center for the East Asia Terrestrial Biodiversity FEB RAS) terminated employment of ER, NP decided to continue karyological studies at home. The microscope and the necessary reagents were brought from the Institute. NP was engaged in seed germination and preparation of material for counting chromosome numbers. At the appointed time, ER used to come to NP helping with preparations and chromosome counting. NP supported the work of ER from personal funds.

The latest data on the chromosome numbers were obtained by NP and ER in December 2022. These results were sent to me by NP in February 2023, literally a month before she passed away. And in our last phone conversation, which took place on February 22, 2023, she asked not to delay the publication of this data. Of course they will be published this year.

Everyone who closely communicated with NP knows that she spoke three foreign languages – Spanish, English and French. She knew French especially well. In music, she preferred French chanson, her favorite chansonnier of Italian origin was Dalida (real name Iolanda Cristina Gigliotti). In order not to lose her communication skills in French, NP took private lessons. However, these lessons had to be interrupted due to the coronovirus pandemic in early 2020. In one of the telephone calls, she said that in her youth, she was once very lucky when, while on a business trip at V.L. Komarov Botanical Institute in Leningrad, she rented a room from a rather elderly woman. This woman was of noble origin, fluent in French and had a large library. NP also took private lessons from her. She recalled that in the library there she came across a novel by the French officer and writer Pierre Loti (real name Louis Marie-Julien Viaud) "Les désenchantées" about life in a Turkish harem. This novel made a great impression on her then, and how great it would be to read it again now. I bought this book, as well as other lifetime editions of this author's: "La mort de Philae", "Propos d'exil", "Matelot", and "Le troisième jeunesse de madame Prune", in an online second-hand bookstore and sent it to NP on her 81st birthday. She was happy. After literally every chapter she read, she called and retelled their contents.

The life motto of NP was the aphorism of her grandmother: "Whine, don't whine, everything will be the same! Go and do your work!" or another version of it: "Cry or don't cry, you will still be there!"

Figure 8 Nina Sergeevna will forever be a part of the galaxy of Far Eastern botanists, thanks to whose efforts the flora of the Russian Far East has become known to the world. From left to right top row: Valentin Yakubov, Vyacheslav Barkalov, Igor Vyshin, Andrey Kozhevnikov, Elvira Rudyka; bottom row: Tamara Bezdelyeva, Nina Probatova, Sigismund Kharkevich, Tamara Buch, Nona Pavlova

APPENDIX 1

Plant taxa described by Nina Probatova (in bold), as well as her nomenclatural combinations and new (replaced) names in plants (in italic)

Nina Sergeevna Probatova is the author and/or co-author of 1 tribe, 7 genera, 1 subgenus, 14 sections, 5 subsections, 204 species, 13 subspecies and 10 varieties.

Caryophillaceae

Dianthus sachalinensis Barkalov et Prob. 2006, Fl. Ross. Dal'nego Vostoka: 444.

— stepanovae Barkalov et Prob. 2006, Fl. Ross. Dal'nego Vostoka: 444.

— woroschilowii Barkalov et Prob. 2006, Fl. Ross. Dal'nego Vostoka: 444, nom. et stat. nov.

Convolvulaceae

Calystegia amurensis Prob. 1989, Sosud. Rast. Sovet. Dal'nego Vostoka 4: 359.

— × melnikovae Prob. 2006, Fl. Ross. Dal'nego Vostoka: 443.

Juncaginaceae

Triglochin crassiculmis (Tzvelev) Prob. 2006, Fl. Ross. Dal'nego Vostoka: 267.

Lamiaceae

Clinopodium kunashirense Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 369.

Dracocephalum charkeviczii Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 329.

Elsholtzia amurensis Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 374.

Lycopus alissovae Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 347 («alissoviae»).

— charkeviczii Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 351.

— kurilensis Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 350.

— sichotensis Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 351.

Scutellaria ochotensis Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 312.

— ternejica Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 308.

Teucrium maximowiczii Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 301.

Thymus dzalindensis Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 360.

— levitskyi Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 365.

— novograblenovii Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 363.

— sachalinensis Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 363.

— schlothauerae Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 365 («schlothaueriae»).

— ternejicus Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 359.

— urussovii Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 365.

Dracocephalum hypopolium (Kharkev.) Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 326.

Phlomoides woroschilovii (Makarov) Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 335.

Rabdosia glaucocalyx (Maxim.) Prob. 1995, Sosud. Rast. Sovet. Dal'nego Vostoka 7: 378.

Linaceae

Linum* sect. *Stellerolinum Juz. ex Prob. 1988, Sosud. Rast. Sovet. Dal'nego Vostoka 3: 136.

Oxalidaceae

Xanthoxalis grenadensis (Urb.) Tzvelev ex Prob. et Sokolovsk. 1988, Bot. Zhurn. 73 (2): 292.

Papaveraceae

Papaver sokolovskajae Prob. 2006, Fl. Ross. Dal'nego Vostoka: 63, nom. et stat. nov.

Phrymaceae

Phryma asiatica (Hara) Prob. 1989, Sosud. Rast. Sovet. Dal'nego Vostoka 4: 365, isonym.

Poaceae

Subtrib. *Gaudiniinae* Holub ex Tzvelev et Prob. 2019, Zlaki Rossii: 162.

Agrostis* × *amurensis Prob. 1983, Bot. Zhurn. 68 (10): 1412.

— × avatschensis Prob. 2019, Novosti Sist. Vyssh. Rast. 50: 14.

— × chassanica Prob. 2006, Fl. Ross. Dal'nego Vostoka: 443.

— × clavatiformis Prob. 1984, Bot. Zhurn. 69 (2): 253.

— czernjaginae Prob. 2018, Novosti Sist. Vyssh. Rast. 49: 5.

— × kamtschatica Prob. 1984, Bot. Zhurn. 69 (2): 253.

— kronokensis Prob. 1984, Bot. Zhurn. 69 (2): 251.

— kudoi* var. *inermis Prob. 2006, Fl. Ross. Dal'nego Vostoka: 443.

— kurczenkoae Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 29, tab. 1.

— × lapenkoi Prob. 2018, Novosti Sist. Vyssh. Rast. 49: 7.

— × magadanensis Prob. 2006, Fl. Ross. Dal'nego Vostoka: 443.

— neshatajevae Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 31, tab. 2.

— × novograblenovii Prob. 2006, Fl. Ross. Dal'nego Vostoka: 443.

— × paramushirensis Prob. 1984, Bot. Zhurn. 69 (2): 253.

— pauzhetica Prob. 1984, Bot. Zhurn. 69 (2): 252.

— sichotensis Prob. 1984, Bot. Zhurn. 69 (2): 252.

— sokolovskajae Prob. 1983, Bot. Zhurn. 68 (10): 1411.

— × subclavata Prob. 1984, Bot. Zhurn. 69 (2): 253.

— × ussuriensis Prob. 1984, Bot. Zhurn. 69 (2): 254.

Arctopoa petrovskyi Prob. 2003, Komarovskie Chteniya (Vladivostok) 49: 93.

— reventa Prob. 2003, Komarovskie Chteniya (Vladivostok) 49: 91.

Arundinella chassanica Tzvelev et Prob. 2013, Novosti Sist. Vyssh. Rast. 44: 51.

— rossica Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 13.

Brachypodium sylvaticum* subsp. *kurilense Prob. 1982, Bot. Zhurn. 67 (1): 63.

Bromopsis kozhevnikovii Prob. 2018, Novosti Sist. Vyssh. Rast. 49: 12.

Bromus poiretii Tzvelev et Prob. 2019, Zlaki Rossii: 142, nom. et stat. nov.

Calamagrostis* sect. *Deschampsioides Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 862.

— ajanensis Kharkev. et Prob. 1983, Bot. Zhurn. 68 (10): 1409.

— × amgunensis Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 20.

— amurensis Prob. 1983, Bot. Zhurn. 68 (10): 1410.

— × badzhalensis Prob. 1983, Bot. Zhurn. 68 (10): 1411.

— burejensis Prob. et Barkalov, 2017, Novosti Sist. Vyssh. Rast. 48: 16.

— chassanensis Prob. 1984, Bot. Zhurn. 69 (2): 254.

— kozhevnikovii Prob. et Prokop. 2017, Novosti Sist. Vyssh. Rast. 48: 17.

— schmidtiana Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 862.

— sichotensis Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 863.

— × submonticola Prob. 1984, Bot. Zhurn. 69 (2): 255.

— × tatianae Prob. 2000, Komarovskie Chteniya (Vladivostok) 47: 58.

— tolmatschewii Prob. 1984, Bot. Zhurn. 69 (2): 255.

— zejensis Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 17.

Cleistogenes calcarea Tzvelev et Prob. 2014, Novosti Sist. Vyssh. Rast. 45: 12.

— ***kazanovskyi*** Tzvelev et Prob. 2014, Novosti Sist. Vyssh. Rast. 45: 9.
— ***krjukovae*** Tzvelev et Prob. 2014, Novosti Sist. Vyssh. Rast. 45: 10.
Deschampsia amurensis Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 32, tab. 3.
— ***barkalovii*** Prob. et Tzvelev, 2015, Novosti Sist. Vyssh. Rast. 46: 45, tab. 1.
— ***gulariantzii*** Prob. et Tzvelev, 2015, Novosti Sist. Vyssh. Rast. 46: 46, tab. 2.
— ***hultenii*** Prob., Tzvelev et Chiapella, 2015, Botanica Pacifica 4 (1): 1.
— ***ircutica*** Tzvelev et Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 47.
— ***komandorensis*** Prob. 2019, Novosti Sist. Vyssh. Rast. 50: 18.
— ***laguriensis*** Prob. et Tzvelev, 2015, Novosti Sist. Vyssh. Rast. 46: 49.
— ***magadanica*** Tzvelev et Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 50.
— ***pseudokoelerioides*** Prob. et Tzvelev, 2015, Novosti Sist. Vyssh. Rast. 46: 51.
— ***sajanensis*** Prob. et Tzvelev, 2015, Novosti Sist. Vyssh. Rast. 46: 52.
— ***seledetzii*** Tzvelev et Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 53.
— ***shiretokoensis*** Tzvelev et Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 23.
— ***shumshuensis*** Prob. et Tzvelev, 2015, Novosti Sist. Vyssh. Rast. 46: 54.
— ***sichotensis*** Prob., Tzvelev et Chiapella, 2015, Botanica Pacifica 4 (1): 2.
— ***susumanica*** Prob. et Chiapella, 2015, Botanica Pacifica 4 (1): 2.
— ***turczaninowii*** **var.** ***pseudovivipara*** Prob. et Enustsch. 2019, Zlaki Rossii: 188.
— ***tzvelevii*** Prob. 1984, Bot. Zhurn. 69 (2): 255.
— ***tzvelevii*** **var.** ***vivipara*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 444.
× ***Dupontopoa*** Prob. 1984, Bot. Zhurn. 69 (5): 689.
— ***dezhnevii*** Prob. 1984, Bot. Zhurn. 69 (5): 689.
× ***Elyhordeum kolymense*** Prob. 1982, Bot. Zhurn. 67 (1): 69.
Elymus charkeviczii Prob. 1984, Bot. Zhurn. 69 (2): 256.
— ***dahuricus*** **subsp.** ***pacificus*** Prob. 1979, Novosti Sist. Vyssh. Rast. 15: 68.
— ***kurilensis*** Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 116, nom. nov.
— ***woroschilowii*** Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 113, nom. et stat. nov.
— ***zejensis*** Prob. 1984, Bot. Zhurn. 69 (2): 257.
Eragrostis amurensis Prob. 1981, Bot. Zhurn. 66 (11): 1591.
Festuca catalanae Enustsch. et Prob. 2021, Novosti Sist. Vyssh. Rast. 52: 22.
— ***hircina*** Enustsch. et Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 82.
— ***itelmenorum*** Enustsch. et Prob. 2020, Novosti Sist. Vyssh. Rast. 51: 7.
— ***karaginensis*** Enustsch. et Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 53.
— ***kozhevnikovii*** Enustsch. et Prob. 2020, Novosti Sist. Vyssh. Rast. 51: 10.
— ***raddei*** Enustsch. et Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 47.
— ***vorobievii*** Prob. 1983, Bot. Zhurn. 68 (12): 1660, nom. et stat. nov.
Glyceria × ***amurensis*** Prob. 1981, Bot. Zhurn. 66 (11): 1589.
Hierochloë **sect.** ***Aristatae*** Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 861.
— ***glabra*** **subsp.** ***kamtschatica*** Prob. 1976, Novosti Sist. Vyssh. Rast. 13: 38.
— ***helenae*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 445.
— ***ochotensis*** Prob. 1984, Bot. Zhurn. 69 (2): 257.
— ***odorata*** **subsp.** ***kolymensis*** Prob. 1979, Novosti Sist. Vyssh. Rast. 15: 69.
— ***wrangelica*** Jurtzev et Prob. 1989, Bot. Zhurn. 74 (1): 111.
Hyalopoa amgunensis Prob. 2019, Novosti Sist. Vyssh. Rast. 50: 18.
— ***jurtzevii*** Prob. et V.V. Petrovsky, 2015, Novosti Sist. Vyssh. Rast. 46: 71.
Koeleria dersu Prob. et Prokop. 2018, Novosti Sist. Vyssh. Rast. 49: 12.
× ***Leymotrigia pacifica*** Prob. 1984, Bot. Zhurn. 69 (2): 258.
× ***Leymotrix*** Kharkev. et Prob. 1983, Bot. Zhurn. 68 (10): 1408.
Melica nutans **subsp.** ***amurensis*** Prob. 1983, Bot. Zhurn. 68 (10): 1412.
Milium tzvelevii (Prob.) Prob. 2021, Botanica Pacifica 10 (1): 117.
Milium vernale **subsp.** ***intermedium*** Prob. 1977, Novosti Sist. Vyssh. Rast. 14: 9.
— ***vernale*** **subsp.** ***tzvelevii*** Prob. 1977, Novosti Sist. Vyssh. Rast. 14: 10.
× ***Paradupontopoa*** Prob. 2003, Komarovskie Chteniya (Vladivostok) 49: 114, nom. inval.
Pleioblastus **sect.** ***Hindsocalamus*** Tzvelev et Prob. 2019, Zlaki Rossii: 41.
Poa **sect.** ***Acroleucae*** Prob. et Tzvelev, 2010, Bot. Zhurn. 95 (6): 864.
— **sect.** ***Ircuticae*** Prob. et Tzvelev, 2010, Bot. Zhurn. 95 (6): 865.
— **sect.** ***Kolymenses*** Prob. 1984, Bot. Zhurn. 69 (2): 258.
— **sect.** ***Poastena*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 447.
— **subsect.** ***Sachalinenses*** Prob. 2010, Bot. Zhurn. 95 (6): 866.
— ***ajanensis*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 447.
— × ***alexandrae*** Prob. 2019, Novosti Sist. Vyssh. Rast. 50: 19.
— ***amurica*** Prob. 2018, Novosti Sist. Vyssh. Rast. 49: 13.
— ***archarensis*** Prob. 2019, Novosti Sist. Vyssh. Rast. 50: 22.
— ***arctoserpentinicola*** Jurtzev et Prob. 2006, Fl. Ross. Dal'nego Vostoka: 447.
— ***arctostepporum*** Jurtzev et Prob. 1984, Bot. Zhurn. 69 (5): 689.
— ***arsenjevii*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 448.
— ***austrokurilensis*** Prob. et Barkalov, 2015, Novosti Sist. Vyssh. Rast. 46: 57.
— ***beringiana*** Prob. 1971, Novosti Sist. Vyssh. Rast. 8: 29.
— ***beringiana*** **var.** ***vivipara*** Prob. 1984, Bot. Zhurn. 69 (2): 259.
— ***charkeviczii*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 448.
— ***czazhmensis*** Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 34, tab. 4.
— ***dudkinii*** Prob. 2010, Bot. Zhurn. 95 (6): 867.
— ***fischeri*** Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 35, tab. 5.
— ***gnutikovii*** Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 37, tab. 6.
— ***golubii*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 448.
— × ***ivlievae*** Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 63.
— ***jamalinensis*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 448.
— ***janaensis*** Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 33.
— ***kabalanica*** Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 35.
— ***kamczatensis*** Prob. 1973, Novosti Sist. Vyssh. Rast. 10: 70.
— ***khokhrjakovii*** Prob. 2013, Novosti Sist. Vyssh. Rast. 44: 43.
— ***koniensis*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 449.
— ***kronokensis*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 449.
— ***kurynica*** Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 38, tab. 7.
— × ***longriensis*** Prob. et Barkalov, 2015, Novosti Sist. Vyssh. Rast. 46: 63.
— × ***magadanensis*** Prob. 1984, Bot. Zhurn. 69 (5): 691.

— ***neosachalinensis*** Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 274.
— ***olajensis*** Prob. 2013, Novosti Sist. Vyssh. Rast. 44: 39.
— ***populetorum*** Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 39, tab. 8.
— ***pseudoattenuata*** Prob. 1971, Novosti Sist. Vyssh. Rast. 8: 32.
— ***pseudoradula*** Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 38.
— ***raduliformis*** Prob. 1971, Novosti Sist. Vyssh. Rast. 8: 25 ("*radulaeformis*").
— ***salinostepposa*** Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 38.
— ***schmidtiana*** Prob. et Barkalov, 2017, Novosti Sist. Vyssh. Rast. 48: 39.
— ***selemdzhensis*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 449.
— ***sergievskajae*** Prob. 1971, Novosti Sist. Vyssh. Rast. 8: 28.
— ***sichotensis*** Prob. 1973, Novosti Sist. Vyssh. Rast. 10: 68.
— ***skvortzovii*** Prob. 1973, Novosti Sist. Vyssh. Rast. 10: 72, nom. nov.
— ***subinsignis*** Prob. 2013, Novosti Sist. Vyssh. Rast. 44: 48.
— ***superlanata*** Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 43.
— ***talikensis*** Prob. et Barkalov, 2015, Novosti Sist. Vyssh. Rast. 46: 59.
— ***tenkensis*** Prob. 2013, Novosti Sist. Vyssh. Rast. 44: 44.
— ***tuonnachensis*** Prob. et Barkalov, 2015, Novosti Sist. Vyssh. Rast. 46: 61.
— ***turgensis*** Prob. 2019, Novosti Sist. Vyssh. Rast. 50: 22.
— ***tuvinensis*** Prob. 2017, Novosti Sist. Vyssh. Rast. 48: 43.
— ***tzvelevii*** Prob. 1984, Bot. Zhurn. 69 (2): 258.
— × ***tzyrenovae*** Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 41, tab. 9.
— ***uzonica*** Prob. 2006, Fl. Ross. Dal'nego Vostoka: 449.
— ***verae*** Prob. 2010, Bot. Zhurn. 95 (6): 866.
— ***vorobievii*** Prob. 1983, Bot. Zhurn. 68 (12): 1659.
— ***zhirmunskii*** Prob. 1999, Vestn. Dal'nevost. Otd. Rossiisk. Akad. Nauk 3: 86.

Puccinellia tzvelevii Ovczinnikova et Prob. 2015, Rast. Mir Aziatsk. Rossii 1 (17): 34.

Sasa* sect. *Spiculosae Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 857.

Setaria maximowiczii Tzvelev et Prob. 2013, Novosti Sist. Vyssh. Rast. 44: 10.

Trisetokoeleria* × *jurtzevii Prob. 1984, Bot. Zhurn. 69 (5): 691.

Trisetum* subsect. *Agrostidea Prob. 1979, Novosti Sist. Vyssh. Rast. 15: 20.

Zingeriopsis Prob. 1977, Novosti Sist. Vyssh. Rast. 14: 12.

Achnatherum sect. *Achnatheropsis* (Tzvelev) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 343.
Agropyron praetermissum (Nevski) Tzvelev et Prob. 2019, Zlaki Rossii: 83.
Arctopoa (Griseb.) Prob. 1974, Novosti Sist. Vyssh. Rast. 11: 49.
— sect. *Aphydris* (Griseb.) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 304.
— *alexeji* (Sofeikova et Vorosch.) Prob. 2003, Komarovskie Chteniya (Vladivostok) 49: 91.
— *eminens* (J. Presl) Prob. 1974, Novosti Sist. Vyssh. Rast. 11: 50.
— *schischkinii* (Tzvelev) Prob. 1976, Novosti Sist. Vyssh. Rast. 13: 41.
— *subfastigiata* (Trin.) Prob. 1974, Novosti Sist. Vyssh. Rast. 11: 52.
— *tibetica* (Munro ex Stapf) Prob. 1974, Novosti Sist. Vyssh. Rast. 11: 52.
— *trautvetteri* (Tzvelev) Prob. 1974, Novosti Sist. Vyssh. Rast. 11: 51.
Beckmannia borealis (Tzvelev) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 229.
— *hirsutiflora* (Roshev.) Prob. 1981, Bot. Zhurn. 66 (11): 1588.
Brachypodium kurilense (Prob.) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 109.
Bromopsis australis (Zherebina) Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 859.
— *pumpelliana* subsp. *flexuosa* (Drobow) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 144.
Calamagrostis extremiorientalis (Tzvelev) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 200.
— *latissima* (Vorosch.) Prob. 1983, Bot. Zhurn. 68 (10): 1409.
— *sachalinensis* subsp. *litwinowii* (Kom.) Prob. 1976, Novosti Sist. Vyssh. Rast. 13: 35.
— *sesquiflora* subsp. *urelytra* (Hack.) Prob. 1979, Novosti Sist. Vyssh. Rast. 15: 68.
Deschampsia cespitosa subsp. *sukatschewii* (Popl.) Chiapella et Prob. 2003, Bot. J. Linn. Soc. 142 (2): 224.
— *kurilensis* (Kawano) Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 859.
Elymus pendulinus var. *brachypodioides* (Nevski) Prob. 1984, Bot. Zhurn. 69 (2): 259.
Eragrostis imberbis (Franch.) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 353.
Festuca limosa (E.B. Alexeev) Prob. 2006, Fl. Ross. Dal'nego Vostoka: 369, isonym.
— *ovina* subsp. *firmulacea* (Markgr.-Dann.) Prob. 1990, Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. 95 (4): 73.
Glyceria sect. *Scolochloiformes* (Kom.) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 330.
Helictochloa adzharica (Albov) Tzvelev et Prob. 2019, Zlaki Rossii: 156.
— *asiatica* (Roshev.) Tzvelev et Prob. 2019, Zlaki Rossii: 155.
— *jurtzevii* (Tzvelev) Tzvelev et Prob. 2019, Zlaki Rossii: 157.
— *schelliana* (Hack.) Tzvelev et Prob. 2019, Zlaki Rossii: 155.
Hierochloë kamtschatica (Prob.) Prob. 1984, Bot. Zhurn. 69: 257.
— *praetermissa* (G. Weim.) Prob. et Tzvelev, 2010, Bot. Zhurn. 95 (6): 862.
Koeleria delavignei var. *barabensis* (Domin) Tzvelev et Prob. 2019, Zlaki Rossii: 183.
× *Leymotrix ajanensis* (V. Vassil.) Kharkev. et Prob. 1983, Bot. Zhurn. 68 (10): 1408.
Macrohystrix (Tzvelev) Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 858.
— *californica* (Bol. ex Thurb.) Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 858.
— *duthiei* (Stapf ex Hook. f.) Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 858.
— *komarovii* (Roshev.) Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 858.
Microhystrix (Tzvelev) Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 858.
— *sibirica* (Trautv.) Tzvelev et Prob. 2010, Bot. Zhurn. 95 (6): 858.
— *sibirica* var. *glabriculmis* (Roshev.) Tzvelev et Prob. 2019, Zlaki Rossii: 101.
Milium vernale subsp. *alexeenkoi* (Tzvelev) Prob. 1977, Novosti Sist. Vyssh. Rast. 14: 7.
Neomolinia japonica (Franch. et Savat.) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 343.
Phalaroides picta (L.) Prob. 2006, Fl. Ross. Dal'nego Vostoka: 384.
Poa subgen. *Arctopoa* (Griseb.) Prob. 1971, Novosti Sist. Vyssh. Rast. 8: 34.
— sect. *Nivicolae* (Roshev.) Prob. 1971, Novosti Sist. Vyssh. Rast. 8: 48.
— subsect. *Malacanthae* (Roshev.) Prob. 1971, Novosti Sist. Vyssh. Rast. 8: 38.
— *abbreviata* var. *jordalii* (A.E. Porsild) Prob. 1984, Bot. Zhurn. 69: 259, isonym.
— *glauca* var. *pekulnejensis* (Jurtzev et Tzvelev) Prob. 1984, Bot. Zhurn. 69 (2): 259.
— *hartzii* var. *vrangelica* (Tzvelev) Prob. 1984, Bot. Zhurn. 69 (2): 259.
— *skrjabinii* (Tzvelev) Prob. et Tzvelev, 2010, Bot. Zhurn. 95 (6): 867.

— *zhukovae* (Jurtzev et Tzvelev) Prob. 2006, Fl. Ross. Dal'nego Vostoka: 367.

Schedonorus gudoschnikovii (Stepanov) Prob. 2019, Zlaki Rossii: 262.

Trisetum sect. *Agrostidea* (Prob.) Prob. et Tzvelev, 2019, Zlaki Rossii: 166.

— subsect. *Carpatica* (Chrtek) Prob. 1979, Novosti Sist. Vyssh. Rast. 15: 19.

— subsect. *Sibirica* (Chrtek) Prob. 1979, Novosti Sist. Vyssh. Rast. 15: 20.

— *mongolicum* (Hultén ex Veldkamp) Peschkova, Tzvelev et Prob. 2019, Zlaki Rossii: 168.

— *ovatipaniculatum* (Hultén ex Jonsell) Galushko, Tzvelev et Prob. 2019, Zlaki Rossii: 168.

— *parvispiculatum* (Tzvelev) Prob. 1975, Bot. Zhurn. 60 (5): 674.

— *wrangelense* (V.V. Petrovsky) Prob. 1985, Sosud. Rast. Sovet. Dal'nego Vostoka 1: 163.

Zingeriopsis verticillata (Boiss. et Balansa) Prob. 1977, Novosti Sist. Vyssh. Rast. 14: 12.

Primulaceae

Androsace amurensis Prob. 1987, Sosud. Rast. Sovet. Dal'nego Vostoka 2: 155, nom. nov., superfl.

Lysimachia volkovae Prob. 2006, Fl. Ross. Dal'nego Vostoka: 446.

Androsace arctisibirica (Korobkov) Prob. 1987, Sosud. Rast. Sovet. Dal'nego Vostoka 2: 152.

Ranunculaceae

Coptidium spitsbergense (Hadač) Luferov et Prob. 2006, Fl. Ross. Dal'nego Vostoka: 48.

Rosaceae

Waldsteinia maximowicziana (Teppner) Prob. 2015, Novosti Sist. Vyssh. Rast. 46: 237.

APPENDIX 2
Plant species named after Nina Probatova

Asteraceae

Heteropappus probatovae Tzvelev, 2010, Novosti Sist. Vyssh. Rast. 41: 277.

Campanulaceae

Adenophora probatovae A.E. Kozhevn. 2004, Bot. Zhurn. 89 (7): 1211.

Geraniaceae

Geranium probatovae Tsyren. 2008, Bot. Zhurn. 93 (1): 137.

Lamiaceae

Thymus probatovae Vasjukov, 2016, Novosti Sist. Vyssh. Rast. 47: 112.

Poaceae

Bromopsis probatovae Tzvelev, 2009, Bot. Zhurn. 94 (2): 280.

Cleistogenes probatovae Tzvelev, 2012, Novosti Sist. Vyssh. Rast. 43: 40.

Elymus probatovae Tzvelev, 2008, Bot. Zhurn. 93 (10): 1592.

Festuca probatovae E.B. Alexeev, 1982, Byull. Moskovsk. Obshch. Isp. Prir., Otd. Biol. 87 (5): 102.

Glyceria probatovae Tzvelev, 2006, Bot. Zhurn. 91 (2): 262.

Koeleria probatovae Tzvelev, 2011, Novosti Sist. Vyssh. Rast. 42: 78.

Poa probatovae Olonova et Chepinoga, 2022, Turczaninowia 25 (1): 141.

Typhaceae

Sparganium probatovae Tzvelev, 1984, Novosti Sist. Vyssh. Rast. 21: 235.