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INTERNATIONAL LILAC SOCIETY is a non-profit corporation comprised of individuals who share a particular interest, appreciation and fondness for lilacs. Through exchange of knowledge, experience and facts gained by members it is helping to promote, educate and broaden public understanding and awareness.

LILAC SPECIES AND CULTIVARS IN CULTIVATION IN U.S.S.R.

The above title was given to a 128-page catalogue-handbook, written by L.I. Rubtzov, N.L. Mikhailov and V.G. Zhogoleva. It was printed in 1980 by "Naukova Dumka" in Kiev.

Ninety-nine lilac cultivars listed in the book do not appear in "*Tentative International Register of Names in the Genus Syringa*" by Owen M. Rogers, hence the attempt of this paper is to bring the information on new or little-known lilac cultivar introductions in U.S.S.R. to the readers of this publication in North America.

It should be noted that neither International, British nor American transliteration guidelines in its present form offer a simple letter-by-letter transliteration and retransliteration (conversion of transliterated word into its original language). This problem, compounded with fact that many lilac cultivar names were transliterated from Russian into English without any regard to the transliteration rules, some lilac cultivars may appear under 5 or more English name versions.

Some Russian letters are transliterated by use of 2 or more English characters. Examples: Я=ya; Ю=yu; Ш=sh; Ч=ch; etc. Whenever such instances within the cultivar name occur in this publication, the letters were underlined thus clearly indicating that ya is equivalent to Я, rather than individual letters ы and а. Transliteration of letter Ш=shch when it appears within a lilac cultivar name is underlined twice (shch) for easy differentiation from Ш=sh and Ч=ch side by side. Apart from addition of underlines where applicable the transliterations as adopted by the American Institute of Biological Sciences¹, Washington, D.C., were used. All other known names of lilac cultivars, arbitrary or otherwise, follow the original spelling in the Russian alphabet.

¹ Council of Biology Editors, Committee on Form and Style. 1972.
CBE Style Manual. Third edition. American Institute of Biological Sciences.
Washington, D.C.
All orders for the Style Manual should be addressed to
American Institute of Biological Sciences
3900 Wisconsin Avenue NW, Washington, D.C. 20016.

Transliteration of the modern Russian alphabet as revised by Standards Committee Z39 of the American National Standards Institute.

| Letter number | Russian printed | Transliteration | Example |
|---------------|-----------------|-----------------|------------------------------|
| 1 | а | А | а адрес — adres |
| 2 | б | Б | б баба — baba |
| 3 | в | В | в вы — vy |
| 4 | г | Г | г голова — golova |
| 5 | д | Д | д да — da |
| 6* | е(ё) | Е(Ё) | е(ё) ещё — eshchë |
| 7† | ж | Ж | ж журнал — zhurnal |
| 8 | з | З | з звезда — zvezda |
| 9 | и | И | и книга — kniga |
| 10† | й | Й | й первый — pervyi |
| 11 | к | К | к как — kak |
| 12 | л | Л | л липа — lipa |
| 13 | м | М | м муж — muzh |
| 14 | н | Н | н нижний — nizhniĭ |
| 15 | о | О | о общество — obshchestvo |
| 16 | п | П | п пара — para |
| 17 | р | Р | р рыба — ryba |
| 18 | с | С | с сестра — sestra |
| 19 | т | Т | т товарищ — tovarishch |
| 20 | у | У | у утро — utro |
| 21 | ф | Ф | ф физика — fizika |
| 22† | х | Х | х химический — khimicheskii |
| 23† | ц | Ц | ц центральный — tsentral'nyi |
| 24† | ч | Ч | ч часы — chasy |
| 25† | ш | Ш | ш школа — shkola |
| 26† | щ | Щ | щ щит — shehit |
| 27 | ъ | Ъ | ” объявление — ob'yavlenie |
| 28 | ы | Ы | ы был — byl |
| 29 | ь | Ь | ' бельё — bel'e |
| 30 | э | Э | э это — èto |
| 31† | ю | Ю | ю южный — yuzhnyi |
| 32† | я | Я | я яйцо — yaitso |

* Cyrillic ě should not be transliterated by ë unless the diacritical mark appears in the original.

† In countries where tradition favors it, the following variations are permitted, but only as a group:

| | | |
|------------------|------------|-------------|
| Letter 7 : Ж - ž | 23 : Ц - c | 26 : Ш - šč |
| 10 : Ъ - j | 24 : Ч - č | 31 : Ю - ju |
| 22 : Х - h | 25 : Ш - š | 32 : Я - ja |

‡ When a proper name beginning with one of these Cyrillic letters is abbreviated to the initial letter, the two-letter transliteration should be a capital followed by a lowercase letter; for example, capital letter 32 is transliterated by Ya.

§ When Cyrillic letter 19 is followed by Cyrillic letter 18 the transliteration is t · s or, if it is at the beginning of a sentence or a proper noun, T · s.

SELECTION OF LILAC CULTIVARS

In 1563 an Austrian envoy to Turkey brought seed of "Turkish Cultivar" from Constantinople to Vienna and grew plants from it. They were described by Linnaeus as a lilac species (*Syringa vulgaris* L.). By the year 1770 two kinds (varieties) of lilacs were known. In the next 50 years a white-flowering lilac was selected from European gardens and during the next 120 years a form with purple colour and larger florets and clusters. In the year 1823 the description of the first double-flowering white lilac occurred, while first double coloured (non-white) lilac was described in 1846.

Lilac forms in areas where the species grows naturally were shrubs with small (ab. 1 cm) lilac-blue florets, arranged in a loose cluster, often differing very little in size and colour. In the following nearly three centuries the selectionists-hybridizers of Europe and North America worked to improve the quality of the shrubs.

Influenced by cultivation, hybridization, and selection, varieties and forms increased so much in number that systematic classification became essential.

In September, 1974, at the Nineteenth International Horticultural Congress in Warsaw, the Royal Botanical Gardens in Hamilton, Canada, was appointed to compile and publish a list of all known named lilacs (*Syringa* L.). "Tentative International Register of named Cultivars of Lilacs" was compiled by botanist Owen M. Rogers. (Rogers, O.M. Tentative International Register of cultivar names in the genus *Syringa*. Durham (N.H.), 1976-81p. Res. Rep./New Hampshire Agricult. Exp. Sta.; No. 49).

This Register includes 1359 named cultivars - forms and horticultural varieties obtained in culture - and 53 named entities independent of culture (species, varieties, natural hybrids, forms, etc.). Every cultivar listing in the register indicates the name of first literature citation, the name of introducer or hybridizer, the year of introduction of variety or hybrid, whether it is single or double, and the colour of flower.

Based on an assortment of analyses of data from the register, the following shows the accumulative rate by which cultivars, species and varietal introductions were compiled, reflecting the representation of the genus in ornamental gardens of woody plants in Europe and North America.

| Year | 1789 | 1809 | 1829 | 1849 | 1869 | 1889 | 1909 | 1929 | 1959 | 1975 |
|------------|------|------|------|------|------|------|------|------|------|------|
| Lilac taxa | 1 | 3 | 7 | 35 | 90 | 186 | 331 | 606 | 829 | 1359 |

Ornamental gardens were significant not only for cultivars, but also for selections independent of human culture, many of which were described in Russian botanical books and travelogues - A.A. Bunge's, N.S. Turchaninov's, F.I. Rubrekhtov's, R.K. Maak's, K.I. Maksimovich's, G.N. Potaniny's, B.L. Komarov's, and through plant introductions to Europe from botanic gardens of St. Petersburg and Moscow.

Numerous lilac kinds were obtained from the common lilac. Other forms that had an important role in the origin of new cultivars were wide-leaved lilac (*S. oblata*) and its open-pollinated hybrids with the common lilac. From those crosses we obtained the early-flowering lilacs - *Syringa x hyacinthiflora*.

For the development of new lilac kinds by crossing the common lilac with the wide-leaf (*S. oblata*) lilac the work of French hybridizers Victor and Emile Lemoine, who created over 200 kinds, was very productive. Their group of introduced lilacs was named French Hybrids.

With the introduction of new lilac kinds (varieties) hybridizers applied hybridization to other species. In 1919 Isabella Preston at the Central Experimental Farm in Ottawa, Canada, was first to obtain hybrids by crossing *S. reflexa* x *S. villosa*. Later, this group of hybrids were named Preston Lilacs - *S. x prestoniae* McKelvey. Those hybrids formed the group of midflowering lilacs. Later work of other Canadian hybridizers produced crosses with richer and firmer bloom. There were 76 hybrids introduced from the Experimental Farm in Ottawa, from which 22 were recommended for further hybridization and distribution.

The first domestic lilac forms were raised by I.V. Michurin. We first obtained a dwarf from (*Siren stolovaya*) suitable for growth in restricted space (height of the shrub of this form does not exceed 35 cm).

Beginning in the year 1916, lilac selection and introduction of new forms was the prominent occupation of the originator L.A. Kolesnikov. During the following thirty years over 100 lilacs were introduced, of

which 52 are listed in the International Register. For achievement in the area of lilac selection and introduction of new forms, L.A. Kolesnikov was awarded with the "Gosudarstvennaya premiya U.S.S.R." and with the "Golden Lilac Branch" award from the International Lilac Society. In the U.S.S.R., work on introduction, hybridization, selection and creation of new lilac forms (kinds) is concentrated at botanic gardens and other centres of introduction.

Information about lilac species and cultivars in collections and the country's introduction centres is shown in Table 1.

Table 1

Lilac collection of species and cultivars

| INSTITUTION | Quantity | | | | |
|--|----------------|---------------------------|--------------------|-------------------|-------|
| | Station Number | Species and its Varieties | Domestic Cultivars | Foreign Cultivars | Total |
| Principal Botanic Garden Academy of Science U.S.S.R. Moscow | 1 | 38 | 56 | 296 | 390 |
| Central Botanical Garden Ukrainian Academy of Science Kiev, Ukrainian S.S.R. | 2 | 27 | 39 | 75 | 141 |
| Central Botanical Garden Belorussian Academy of Science, Minsk, Belorussian S.S.R. | 3 | 18 | 41 | 117 | 176 |
| Central Botanical Garden Kazakhsk Academy of Science Alma-Ata, Kazakhsk S.S.R. | 4 | 24 | 23 | 66 | 113 |
| Botanical Garden Kirgizsk Academy of Science Frunze, Kirgizsk S.S.R. | 5 | 22 | — | 87 | 109 |
| Botanical Garden Institute of Botanical Academy of Science, Dushanbe, Tadzhisk S.S.R. | 6 | -- | 17 | 89 | 106 |
| Central Botanic Garden Gruzinsk Academy of Science Tbilisi, Gruzinsk S.S.R. | 7 | 23 | 14 | 62 | 99 |

| | | | | | |
|---|----|----|----|----|-----|
| Lesostepnaya Experimental Breeding Station Meshchersk, Lipetzk Region | 8 | 20 | 47 | 32 | 99 |
| Science-Research Institute of Siirian Botanical Gardens, Barnoul | 9 | 22 | 29 | 51 | 102 |
| Botanical Garden Latvian Academy of Science Salospics, Rizhsk Region | 10 | 25 | 13 | 45 | 83 |
| Botanical Garden of Moscow State University, Moscow | 11 | -- | 35 | 37 | 72 |
| Central Botanical Garden Uzbeksk Academy of Science Tashkent, Uzbeksk S.S.R. | 12 | -- | 6 | 66 | 72 |
| Botanical Garden Rostov State University Rostov-on-Don Dendropark "Trostyanez" | 13 | 26 | 15 | 20 | 61 |
| Ukrainian Academy of Science Ichnya, Chernigovsk Region Ukrainian S.S.R. | 14 | 19 | 2 | 34 | 55 |
| Botanical Garden Estonian Academy of Science Tallin, Estonian S.S.R. | 15 | 14 | 7 | 26 | 47 |
| Botanical Garden Moldavsk Academy of Science Kishinev, Moldavsk S.S.R. | 16 | -- | 2 | 43 | 45 |
| Nikitsk State Botanical Gardens Yalta | 17 | 16 | 20 | 7 | 43 |
| Botanical Garden Latvian State University, Riga | 18 | 11 | -- | 29 | 40 |
| Botanical Garden Forest-technical Academy Leningrad | 19 | 22 | -- | 17 | 39 |
| Botanical Garden Ural's Science Centre Academy of Science Sverdlovsk, U.S.S.R. | 20 | 12 | -- | 19 | 31 |
| Botanical Garden Saratov State University, Saratov | 21 | 6 | 12 | 13 | 31 |
| Altaisk Botanical Garden Kazaksk Academy of Science Leninogorsk, Kazakhsk S.S.R. | 22 | 15 | -- | 15 | 30 |
| Kabardino-Balkarsk Botanical Garden Ornamental State Farm Nal'chik | 23 | 5 | -- | 20 | 25 |
| Botanical Garden Kazakhs Academy of Science Dzhezkazgan, Kazakhs S.S.R. | 24 | 13 | -- | 12 | 25 |

| | | | | | |
|---|----|----|---|----|----|
| Pamirsk Botanical Garden Biological Institut of Tadzhiksk Academy of Science Khorog, Tadzhiksk S.S.R. | 25 | 16 | — | 8 | 24 |
| Botanical Garden Kiev State University, Kiev | 26 | 21 | — | 2 | 23 |
| Dendrozapovednik "Aleksandriya" Ukrainian Academy of Science Belaya Tzerkov' Kiev's Region, Ukrainian S.S.R. | 27 | 6 | — | 16 | 22 |
| Subtropical Botanical Garden Batumi | 28 | — | 3 | 19 | 22 |
| Botanical Garden Kazakhsk Academy of Science Karaganda, Kazakhsk S.S.R. | 29 | 6 | 1 | 13 | 20 |
| Botanical Garden Kalinin City State University Kaliningrad | 30 | 8 | — | 12 | 20 |
| Central Siberian Botanical Garden Siberian Dept. of U.S.S.R. Academy of Science, Novosibirsk | 31 | 11 | 1 | 8 | 20 |
| Botanical Garden Botanical Institut Azerbaidzhansk Academy of Science Baku, Azerbaidzhansk S.S.R. | 32 | 4 | 4 | 9 | 17 |
| Botanical Park "Askaniya-Nova" Livestock Chaplinskii Sector Research-Science Institut Khersonsk Region | 33 | — | — | 14 | 14 |
| Botanical Garden Botanical Institute Academy of Science of U.S.S.R. Leningrad | 34 | 10 | — | 4 | 14 |
| Murmansk Polaric-Alpine Botanical Garden Kirovsk, Murmansk Region | 35 | 13 | — | — | 13 |
| Sukhumsk Botanical Garden Gruzinsk Academy of Science Sukhumi, Gruzinskii S.S.R. | 36 | 13 | — | — | 13 |
| Botanical Garden Biological Institute, Yakutsk Branch of Siberian Dept. of Academy of Science, U.S.S.R. | 37 | 11 | — | — | 11 |
| Botanical Garden Arkhangel'sk Forest Institut Arkhangel'sk | 38 | 10 | — | — | 10 |
| Botanical Garden Biological Institute Komi Branch of Academy of Science of U.S.S.R. Syktyvkar | 39 | 8 | — | — | 8 |

| | | | | | |
|---|----|--|---|---|---|
| All-Soviet Research-Science Institute of Medicinal Plants Moscow Region | 40 | 4 | - | - | 4 |
| Botanical Garden Tadzhiks State University, Dushanbe | 41 | 2 | - | - | 2 |
| Botanic Garden Biological Institute, Ufa | 42 | Note: Address of the station 42 not in the original book, but obtained later by correspondence. | | | |

PRINCIPAL INTRODUCTORY CENTERS OF CULTIVATED LILACS
IN U.S.S.R.

Principal Botanical Garden

Academy of Science U.S.S.R.
Moscow

The collection features 38 species and related subspecies, 56 domestic and 296 foreign cultivars, totalling 390 named entities. Display of lilacs began in 1946, and selection in 1951. At first, the material for selection was open-pollinated seedlings of better foreign cultivars, followed later by controlled pollination. Additional growth of the collections was achieved by acquisition of scion-wood, grafted or budded on common lilacs. In 1948 scions of 70 varieties were obtained from business firm Spath; in 1961; scions of 101 varieties from Maarse Nursery (Netherlands). For 6 years beginning in 1961 scions were obtained on an exchange basis from the Morton Arboretum and other dendrological gardens of the United States. The scions of several species and varieties were obtained from the Institute of Dendrology, Academy of Science, Kornik, Poland. In 1970 scions of 40 valuable species and varieties were obtained from the Royal Botanical Gardens, Hamilton, Canada.

During the next 18 years, species and cultivars were subjected to phenological observations to learn which produce the better bloom, which have better clusters, which are hardy and other important factors. Selection of better cultivars was governed by the selective method developed by the floriculture department of the Principal Botanical Garden in U.S.S.R.

Beginning in 1951 better lilac selections were given to various scientific organizations and lovers of floriculture.

Better Lilac Cultivars recommended by Principal Botanical Garden in
U.S.S.R. for mass propagation.

| | |
|---|--|
| Alenushka | Miss Ellen Willmott |
| Souvenir d'Alice Harding (Alice Harding) | Mont Blanc |
| Amethyst | Monge |
| Buffon (x <i>hyacinthiflora</i>) | Monique Lemoine |
| Vestale | Monument |
| Gortensiya (<i>Hortensia</i>) | Necker (x <i>hyacinthiflora</i>) |
| Decaisne | Olimpiada Kolesnikova |
| Capitaine Baltet | Ostankino |
| Katherine Havemeyer | Pamyat o S.M. Kirove |
| Congo | Pasteur |
| Kosmos | President Grevy |
| Krasavitsa Moskvya | President Loubet |
| Krasnaya Moskva | President Poincare |
| Leonid Leonov | Reaumur |
| Ankenken an Ludwig Späth (Ludwig Spaeth) | Rhum von Hortenstein |
| Mme. Antoine Buchner | <i>S. patula</i> (<i>S. velutina</i>) |
| Mme. Casimir Perier | <i>S. sweginzowii</i> |
| Mme. Lemoine | <i>S. reticulata</i> var. <i>reticulata</i> (<i>S. japonica</i>) |
| Mme. Florent Stepman | Tomboctou |
| Mme. Charles Souchet | Flora |
| Maximowicz | Fürst Bülow |
| Marie Legraye | Excellent |
| Marechal Foch | Emile Gentil |
| Mechta (Mieczta) | Esther Staley (x <i>hyacinthiflora</i>) |
| Minnehaha | <u>Yubileinaya</u> |
| Mrs. Edward Harding | |

Central Republic's Botanical Garden

Academy of Science
Ukrainian S.S.R. Kiev

The collection of lilacs contains 27 species and related subspecies and varieties, and 39 domestic and 79 foreign cultivars, totalling 141 named entities. The majority of species and cultivars were obtained from Principal Botanical Garden of the U.S.S.R.; the Mleebk Fruit Experimental Station, Cherkassk Region; from originators or introducers; prize-winner of public awards of U.S.S.R., L.A. Kolesnikov, Moscow; from a firm in German Democratic Republic; and other foreign and domestic establishments. The collection occupies 1½ hectares, forming a monocultural ornamental garden - Syringetum. Every cultivar is represented by 5-20 specimens.

The concentration of one genus in the area creates beauty and enhances the landscape, where the formal layout and balanced form and colour of flowers gives the ornamental effect. Because of the exceptional beauty of the Syringetum, it is very popular with the workers of Kiev and other cities of the Soviet Russia. During blooming time it is often visited by up to 40,000 people per day.

The Syringetum was founded in 1948 with the first bloom occurring in May, 1952. The development of this lilac collection led to breeding work, including open and controlled pollination and to the introduction of better cultivars to the Parks. Breeding work began in 1952 when seed collected from open-pollinated cultivars 'Marechal Foch' and 'Katherine Havemeyer' produced 10,000 seedlings. From those in 1954 three cultivars were selected: 'Bogdan Khmel'nitskii', 'Ogni Donbassa', and 'Taras Bul'ba'. All three cultivars were exhibited in an International Exhibition "Flora Olomouts - 1975," in Czechoslovakia; 'Bogdan Khmel'nitskii' received a gold medal and 'Ogni Donbassa' a silver.

Breeding work in the Syringetum is oriented toward the creation of cultivars with low growth, compact clusters, improved quality of flower (consistent floriferousness, brightness of colour) and late bloom. Observations illustrating the beginning and duration of bloom are shown in Table 2, whereas the development of florets and inflorescences are shown in Table 3.

Table 2

Blooming season of lilac cultivars CRBG IN USSR

| Cultivar | Date of bloom | | Years observed | Average extent of bloom days | |
|---------------------------|---------------|--------------|----------------|------------------------------|-----|
| | average | early & late | | Majority | All |
| Belle de Nancy | 8.V | 2.V; 19.V | 6 | 12 | 17 |
| Buffon (x hyacinthiflora) | 8.V | 1.V; 17.V | 5 | 11 | 15 |
| Vestale | 13.V | 5.V; 20.V | 3 | 10 | 15 |
| Gloire d'Aalsmeer | 10.V | 29.IV; 17.V | 6 | 12 | 17 |
| Hugo de Vries | 10.V | 29.IV; 19.V | 5 | 13 | 17 |
| Hugo Koster | 12.V | 6.V; 19.V | 2 | 11 | 15 |
| Duc de Massa | 10.V | 30.IV; 15.V | 5 | 13 | 19 |
| Jeanne d'Arc | 11.V | 4.V; 18.V | 3 | 10 | 15 |
| Capitaine Baltet | 9.V | 27.VI; 19.V | 5 | 10 | 18 |
| Charles X | 10.V | 28.IV; 20.V | 5 | 13 | 19 |
| Katherine Havemeyer | 7.V | 27.IV; 15.V | 5 | 15 | 24 |
| Catinat | 16.V | 15.IV; 18.V | 2 | 10 | 14 |
| Congo | 11.V | 29.IV; 20.V | 5 | 13 | 19 |
| Leon Gambetta | 5.V | 24.IV; 15.V | 7 | 15 | 19 |
| Leon Simon | 7.V | 26.IV; 17.V | 7 | 12 | 17 |
| Andenken an Ludwig Späth | 12.V | 2.V; 19.V | 5 | 11 | 17 |
| Mme. Casimir Perier | 7.V | 28.IV; 14.V | 5 | 12 | 17 |

| | | | | | |
|---------------------------|------|-------------|---|----|----|
| Mme Lemoine | 8.V | 28.IV; 4.V | 5 | 13 | 18 |
| Mme Florent Stepman | 10.V | 4.V; 15.V | 6 | 11 | 19 |
| Maximowicz | 10.V | 20.IV; 17.V | 7 | 11 | 15 |
| Marie Legraye | 10.V | 29.IV; 20.V | 5 | 12 | 17 |
| Marechal Foch | 9.V | 25.IV; 17.V | 5 | 13 | 17 |
| Mrs. Edward Harding | 12.V | 26.IV; 18.V | 5 | 13 | 16 |
| Miss Ellen Willmott | 14.V | 14.IV; 15.V | 2 | 10 | 16 |
| Michel Buchner | 11.V | 12.IV; 18.V | 5 | 14 | 17 |
| Mont Blanc | 10.V | 10.IV; 19.V | 5 | 14 | 17 |
| Necker (X hyacinthiflora) | 10.V | 8.V; 12.V | 2 | 10 | 13 |
| Perle von Teltow | 11.V | 29.IV; 19.V | 4 | 11 | 14 |
| Paul Hariot | 11.V | 4.V; 15.V | 3 | 12 | 17 |
| President Grevy | 7.V | 25.IV; 18.V | 5 | 12 | 17 |
| President Loubet | 7.V | 26.IV; 18.V | 6 | 16 | 20 |
| Prince de Beauvau | 11.V | 8.V; 15.V | 2 | 11 | 14 |
| Princesse Clementine | 10.V | 29.IV; 17.V | 4 | 10 | 14 |
| Reaumur | 10.V | 30.IV; 20.V | 4 | 12 | 17 |
| Ruhm von Horstenstein | 8.V | 29.IV; 19.V | 6 | 12 | 17 |
| Charles Joly | 10.V | 28.IV; 20.V | 5 | 13 | 18 |
| Excellent | 14.V | 13.V; 15.V | 2 | 15 | 19 |

Table 3

Panicle characteristics of lilac cultivars with single flowers

| Cultivar | Dimensions of panicle (cm) | | Mass (grams) | number of florets | diameter of floret cm |
|-----------------------------|----------------------------|-------|--------------|-------------------|-----------------------|
| | length | width | | | |
| Belle de Nancy | 17.9 | 8.2 | 14.6 | 169 | 1.9 |
| Buffon (x hyacinthiflora) | 17.5 | 9.3 | 9.5 | 106 | 2.4 |
| Vestale | 21.8 | 14.5 | 25.8 | 358 | 2.2 |
| Hugo de Vries | 20.1 | 8.4 | 9.7 | 140 | 2.5 |
| Jeanne d'Arc | 18.9 | 9.3 | 16.0 | 200 | 1.8 |
| Capitaine Baltet | 17.8 | 11.3 | 14.1 | 223 | 2.5 |
| Charles X | 20.4 | 7.9 | 12.9 | 218 | 1.8 |
| Katherine Havemeyer (shrub) | 20.2 | 10.6 | 30.5 | 219 | 2.4 |
| Katherine Havemeyer (tree) | 19.3 | 12.0 | 25.0 | 204 | 2.8 |
| Leon Gambetta | 15.5 | 7.0 | 19.5 | 182 | 1.7 |
| Leon Simon | 21.3 | 11.2 | 26.5 | 321 | 1.8 |
| Andenken an Ludwig Spath | 21.0 | 8.2 | 13.2 | 221 | 2.1 |
| Mme. Casimir Perier | 17.6 | 9.2 | 20.8 | 233 | 2.2 |
| Mme. Lemoine | 17.0 | 9.0 | 16.0 | 139 | 2.2 |
| Maximowicz | 17.0 | 7.0 | 10.8 | 184 | 2.2 |
| Mrs. Edward Harding | 19.5 | 9.9 | 14.0 | 198 | 2.3 |
| Michel Buchner (shrub) | 18.0 | 9.5 | 18.1 | 157 | 2.1 |
| Michel Buchner (tree) | 18.0 | 8.3 | 22.8 | 186 | 1.8 |
| Mont Blanc | 17.6 | 10.8 | 16.6 | 244 | 2.2 |
| President Loubet | 17.7 | 8.7 | 15.9 | 200 | 2.2 |
| Ruhm von Horstenstein | 18.0 | 8.6 | 16.5 | 319 | 2.3 |
| Furst Bulow | 23.2 | 8.2 | 15.5 | 177 | 2.4 |

Central Botanical Garden

Academy of Science
Belorussian S.S.R.
Minsk

The lilac collection features 18 species and subspecies, and 41 domestic and 117 foreign cultivars, totalling 176 named entities. During a period of seven years, employees of the Garden I.V. Smol'skii and V.F. Bibikova made intervarietal (8387) interspecific (38150) and interfamilial (14309) crossings. These experiments revealed that intervarietal crossings are achieved most easily. The most appreciated hybrid progeny (descendants), distinguished by highly decorative quality, are those derived from 'Reaumur', *S. x hyacinthiflora*, 'Mme. Abel Chatenay' and 'Necker'. From several thousand hybrid seedlings 16 superior ornamental hybrids were selected and recommended. They received high appraisal in 1967 at the exhibition of national agro-economic achievements in the U.S.S.R., and were recommended for use in the parks in the Belorussian S.S.R. The best marks for their ornamental quality were given to the hybrid seedlings 'Partizanka', 'Pavlinka' and 'Lebedushka'.

The best results of interspecific crosses were obtained in series *Vulgares* and *Villosae*. Species in series *Villosae* cross better when they are closer morphologically (*S. x henryi* x *S. josikaea*, *S. josikaea* x *S. emodi*, *S. josikaea* x *S. wolfii*). Interspecific crossings which belong to different series and subgenera as a rule are not successful. The possibility of obtaining crosses and the seed setting from cultivars of different series is considerably improved by the method of preliminary vegetative convergence. It is achieved by bud inoculation.

Thanks to this method at Central Botanical Garden, Academy of Science, Belorussian S.S.R., first in its selection practice, hybrid seedlings were obtained from crossings species in series *Villosae* with species in series *Vulgares* (*S. vulgaris* x *S. josikaea*, *S. reflexa* x *S. vulgaris*) as well as with species of subgenus *Ligustrina* (*S. vulgaris* x *S. reticulata* var. *mandschurica* (*S. amurensis*)).

There are 856 plants in the selection plots of the Botanical Garden; hybrids of the two combinations of interspecific crosses.

LILAC CULTIVARS

Aélita (Аэлита) Aelita

(N. Vekhov, 1952) Seedling of Vestale

Florets lilac-purple, resistant to fading, large (2.5 cm), single, flower clusters narrowly pyramidal. Assigned to the State Experimental Station* for further evaluation. Cultivated at Station No. 8.

Agidel' (Агидель) Agidel

(A. Sakharova) Mme. Lemoine x Marie Legraye

Flowers white, single. Flower clusters cylindrical, thick. The cultivar was assigned to the State Experimental Station* for further evaluation in 1974. Cultivated at Station No. 42.

Aı̋gul' (Айгуль) Aı̋gul

(A. Sakharova) Mme. Lemoine x Captaine Baltet

Flowers lilac-pink, double. Assigned to the State Experimental Station in 1974. Cultivated at Station No. 42.

Akademiĭ Burdenko (Академик Бурденко)

L. Kolesnikov)

Buds are lilac colour, florets soft lilac-blue, large (2.8-3 cm), double (2 tight corollas), with fragrance of common lilac; petals rounded, apiculate, elongated. Clusters large (23 x 19 cm), conical, often with two panicles. Blooms abundantly in mid-season. Cultivated at Station No. 5.

**In Soviet Russia there is a network of State Experimental Stations testing agro-economic crops. Ornamental plants are tested in 12 climatic-zone stations across the country.*

New lilac cultivars are referred to the stations' test plots on recommendation by a scientific institution, or through recognition at a National Economics Achievements Exhibition, where no less than 97 points have been awarded.

Lilac testing is conducted during three consecutive years by comparing new cultivars with better domestic and foreign ones. Observation and appraisal of cultivars are conducted by an experimental committee composed of the Experimental Station employees, the regional inspectors and floricultural specialists. Cultivars which accumulated more than 92 points are considered at the district and the regional agricultural conferences and then may be referred by decree of the Agro-Economic Ministry for propagation, cultivation and distribution by specific climatic station(s). (The above information obtained through correspondence with the author).

Akademik Maksimov (Академик Максимов)

(L. Kolesnikov)

Buds dark purple violet; florets from light purple to soft pink, medium-sized (1.7 cm), double (with two closely attached corollas), nicely arranged, with petals bent inward. Clusters large (20 x 11 cm), conical. Cultivated at Station No. 21.

Aleksandr Pushkin (Александр Пушкин) Alexander Puschcin

(E. Potutova)

Flowers violet, single. Cultivar was assigned to State Experimental Station in 1971. Cultivated at Seed Control Experimental Station, Leningrad.

Alekseĭ Mares'ev (Алексей Маресьев) Aleksej Mares'ev,
Alexey Maressyev

(L. Kolesnikov, 1951)

Buds violet-purple; florets bluish-lilac, with purple shading, large (up to 2.7 cm), single, fragrant; petals narrow, elongated-rounded, with propeller-like twist. Clusters of medium thickness, straight-upright, 25-27 cm in length, often with 2-3 narrow pyramidal inflorescences, with rounded summit. Shrub of medium height, spreading, well foliated. Blooms in mid-season, quite abundantly. Cultivated at Stations No. 1,3,6,10,15.

Alenushka (Аленушка)

(Shtan'ko, N. Mikhailov, 1956) Seedling of Maximowicz

Buds lilac-pink; florets soft silver-pink, large (2 cm), single, fragrant. Inflorescence in one or two pairs of large (up to 25 cm), narrow-pyramidal, firm, delicate clusters with rounded summit. Leaves light-green. Shrub of average height, with straight, firm shoots. It's among the first to bloom, with rich regular flowers. Recommended for propagation by cuttings, suckers. Cultivated at Stations No. 1,3,8,9,10.

Alesha (Алеша)

(A. Sakharova) Andenken an Ludwig Spáth x Marie Legraye

Flowers dark cherry-red, single, large. It was assigned to State Experimental Station for further evaluation. Cultivated at Station No. 42.

Alma-Atinskaya (Алма-Атинская) Alma-Atinskaja

(A. Mel'nik) Seedling of Volcan

Buds dark purple; florets dark violet, large (2.5 - 3 cm), single, with unusual fragrance, petals oval, with ends bent inward. Clusters measure 27 x 18 cm, open, pyramidal and inversely - wide-conical with one pair of inflorescences of average density. Length of flower shoot 50-60 cm. Shrub spreading. Blooms abundantly toward the end of the season. Cultivated at Station No. 4.

Ametist 2 (Аметист 2)

(I. Stan'ko, N. Mikhailov, 1956) Seedling of Prince de Beauvau

Buds silvery-lilac, florets bluish-lilac, with amethyst shading, large (2.5 cm), fragrant, resistant to fading. Clusters large, measuring (25-30) x 20 cm, compact with three-five pairs of inflorescences of average density. Leaves light-green, elongate-pointed. Shrub of medium height and thickly branched. Flowers abundantly year after year at mid blooming season. Recommended propagation by cuttings. Cultivated at Stations No. 1, 4, 10.

Andryusha Gromov (Андрюша Громов) Andryusha Gromov

(L. Kolesnikov)

Buds violet, flower bluish-lilac, very light in colour, double; clusters 12 x 7 cm, narrowly conical, compact, often forming two pairs of buds on the shoot, makes beautiful bouquets. Flowers abundantly. Cultivated at Stations No. 2, 8, 32.

Azhurnaya (Ажурная) Azhurnaja

(A. Mel'nik 1967) Seedling of Mechta

Buds are dark purple, florets violet-purple, large (2-2.6 cm), single, fragrant, petals narrow, elongate-oval, rounded or with a small point at the tip directed upward and slightly bent, into a boat-like shape. Flower clusters (25 x 15 cm) broad pyramidal, often with two panicles. Blooms abundantly. Cultivated at Station No. 4.

Bal'zak (Бальзак)

(L. Kolesnikov)

Flowers red, double. Cultivated at Station No. 11.

Belaya Noch' (Белая Ночь) Belaja Noch

(N. Vekhov, 1954)

Florets pearl-pink with light blue tint, large (2.5 cm), double, with two layers of petals, very fragrant. Flower clusters pyramidal. Blooms abundantly. Assigned to State Experimental Station for further evaluation in 1975. Cultivated at Station No. 8.

Belorusskie Zori (Белорусские Зори)

(I. Smol'skii, V. Bibikova, 1964) Andenken an Ludwig Späth x Hyazinthenflieder

Buds bright purplish-lilac, rounded; florets pale violet, when open, light to pinkish-lilac, large (3 cm), single, very fragrant; petals elongated-oval with a slight "hyacinth" twist. Flower clusters large (25 x 17 cm), wide-conical. Blooms abundantly at mid-season. Cultivated at Station No. 3.

Bogdan Khmel'niskiĭ (Богдан Хмельницкий) Bogdan Khmel'nickij,
Bogdan Khmel'nizky

(L. Rubtsov, V. Zhogoleva, N. Lyapunova, 1954) Seedling of Marechal
Foch

Buds reddish-pink; florets at first pink, with whitish tips, petals later pink with lilac tint, very large (up to 3.5 cm), double (2-3 layers of petals), fragrant. Flower clusters up to 25 cm long, wide-pyramidal, sparse, with one to two pairs of inflorescences. Leaves dark green, wide-oblong, with heart-like shape. Shrub tall, upright. Cultivated at Stations No. 1,2,3,7,9,10,16,28.

Bol'shevik (Большевик)

(L. Kolesnikov, 1938)

Buds purplish-violet; florets from soft purplish-violet to light pinkish-violet, large (2-2.5 cm), double (with two tight corollas), very fragrant; petals rounded, pointed, somewhat bent. Flower clusters (28 x 12 cm) narrow-conical, with one pair of compact inflorescences. Shrub dense with thick branches. Cultivated at Station No. 8.

Devich'e Schast'e (Девичье Счастье)

(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955)

Florets pink-purple, single with strong fragrance. Flower clusters pyramidal. Cultivated at Station No. 17.

Dobeles Sapnotais (Добелес Сапнотайс) Dobeles Sapnotajs

(P. Uptis)

Cultivated at Station No. 14.

Dzhavakhharlal Neru (Джавахарлал Неру) D. Neru, D. Nehru

(L. Kolesnikov)

Cultivated at Stations No. 2,8.

Elena Vekhova (Елена Вехова) Elena Vechova

(N. Vekhov, 1952) Vestale x mixed pollen from several cultivars

Florets soft-white, large, double, fragrant. Flower clusters narrow-pyramidal. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Station No. 8.

Emel'yan Yaroslavskii' (Емельян Ярославский) Emeljan Jaroslavskij

(L. Kolesnikov)

Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Station No. 1.

Ēsibas Prieks (Эсibas Приекс) Esibas Prieks

(P. Uptis)

Cultivated at Station No. 14.

Fioletovyĭ Sultan (Фислетовый Султан) Fioletovyj Sultan
(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955) Andenken an Ludwig
Späth x Jeanne d'Arc
Florets dark violet, large, single. Cultivated at Station No. 17.

Gaĭzin'kalns (Гайзинькалнс) Gaizinkalns, Gaizinkalus.
(P. Uptis)
Cultivated at Station No. 14.

Galina Ulanova (Галина Уланова)
(L. Kolesnikov)
Buds cream-white; florets pure-white, large (2.5-3 cm), single with
strong fragrance; petals elongated-oval, at the end of blooming season
slightly bent backward. Flower clusters large, wide-pyramidal, composed
of one to two pairs of dense, fine inflorescences, on a firm stalk. Shrub
spreading with good foliar growth. Blooms at mid-season. Approved for
cultivation in certain zones in 1976. Cultivated at Stations No. 1,7.

Gastello (Гастелло) Kapitan Gastello, Capitan Gastello
(L. Kolesnikov)
Buds violet-purple; florets violet-lilac, large (up to 2.8 cm), single,
fragrant; petals elongated, spirally twisted. Flower clusters compact.
Blooms at mid-season. Cultivated at Stations No. 1,2,3,7,8.

Golubaya (Голубая) Golubaja
(L. Kolesnikov)
Buds deep-lilac; florets lilac-light blue, with light hue in the centre,
large, single, with little fragrance; petals oval, slightly pointed. Flower
clusters frequently composed of one pair of large, pyramidal, medium-
dense inflorescences. Shrub tall, sparse. Blooms well annually at mid-
season. Assigned to State Experimental Station for further evaluation
in 1974. Cultivated at Stations No. 1,10.

Gortenziya (Гортензия) Hortenzia, Hortensia, Gotensia
(L. Kolesnikov, 1930) Seedling of Congo
Buds lilac; florets pinkish-lilac, single, large (2 cm) with rounded,
recurved petals, very fragrant, in shape resembling flowers of Hortensia.
Flower clusters large (30 x 30 cm), in two - three pairs, fairly loose, with
branches visible within the inflorescences. Leaves dark green, large. Shrub
with strong upright growth. Blooms abundantly at mid-season. Recom-
mended propagation by cuttings or root suckers. Cultivated at Stations
No. 1,3,10,12.

Gul'nazira (Гульназира) Gulnazira
(A. Sakharova) Seedling of Congo
Florets violet-pink, single. Assigned to the State Experimental Station
for further evaluation in 1974. Cultivated at Station No. 42.

Indiya (Индия) Indija, India

(L. Kolesnikov, 1955) Zarya Kommunizma x unknown seedling

Buds dark purple; florets deep lilac with reddish tint, large (2.6 cm), single, fragrant; petals oval, slightly raised at the end, curved. Flower clusters large, from two to four pairs of broad-pyramidal, highly divergent, drooping, branched inflorescences measuring up to 28 x 22 cm. Leaves large, dark green. Shrub of medium height, broadly spreading. Blooms moderately at mid-season. Approved in 1976 for cultivation in certain zones. Cultivated at Stations No. 1,2,3,5,8,9.

Iran (Иран)

(?)

Flowers lilac-blue, double. Cultivated at Stations No. 4,6.

I.V. Michurin (И.В. Мичурин) Ivan Michurin

(L. Kolesnikov, 1941)

Buds large, pinkish-lilac; florets light pinkish-lilac, fading to white, medium-sized (1.8 cm), double (2-3 tight corollas), fragrant; petals oval, almost flat, more brightly coloured on the underside of the petals. Flower clusters with two-three pairs of pyramidal, thick, prominently branched, small inflorescences, measuring 16-18 x 6 cm. Shrub of average height, with thick foliage and shoots with pale bark. Blooms moderately, with prolonged blooming time at mid-season. Assigned to the State Experimental Station in 1962. Cultivated at Stations No. 1,2,3,4,6,8,10,12, 14,21.

Izobilie (Изобилие) Izobilije, Abundance

(L. Kolesnikov)

Buds purplish-lilac, globular; florets from purplish-lilac with violet tint to lilac-pink, large (2.6 cm), double, with three rows of petals. Flower clusters from one to two pair of firm, upright, dense, pyramidal inflorescences. Shrub dense, well covered with foliage. Blooms profusely, annually. Approved for cultivation in certain zones. Cultivated at Stations No. 2,4, 8,14.

Kapriz (Каприз)

(L. Kolesnikov, 1952)

Florets light pink-lilac, double. Cultivated at Stations No. 1,2,8,15,22.

K.A. Timiryazev (К.А. Тимирязев) K.A. Timirjazev,
K.A. Timeryazen, K.A. Timiriazev

(L. Kolesnikov, 1955)

Buds purplish-lilac; florets lilac with bluish tint, large (up to 3 cm), single, fragrant; petals narrow-oval, channelled, considerably bent backwards. Flower cluster from one to two pairs of pyramidal, medium-density, slightly arching inflorescences measuring 18 x 6 cm. Leaves dark green, slightly bent along central vein. Shrub tall, dense. Blooms abundantly at mid-season. Approved in 1976 for cultivation in certain zones. Cultivated at Stations No. 1,2,3,4,5,6,10.

Kazakhstanskaya (Казахстанская) Kazachstanskaja

(A. Mel'nik) Seedling of Volcan

Buds dark lilac; florets violet, large (3 cm), single, with soft distinctive fragrance; petals bent backwards and somewhat twisted. Flower clusters large (30 x 12 cm), sparse with rounded summits and loose lower branchlets of the inflorescences. Leaves large. Shrub pyramidal. Blooms abundantly. Cultivated at Station No. 4.

Kazakhstanskiĭ Suvenir (Казахстанский Сувенир)

Kazachstanskij Suvenir

(A. Mel'nik)

Buds purplish-lilac; florets lilac-pink, large (2.5 cm), single, with pleasant fragrance; petals wide, oval-rounded, with slightly raised ends and small pointed tip. Flower cluster pyramidal, large (22 x 9 cm), with firm stalk of medium density. Forms one to three pairs of buds. Shrub tall, pyramidal. Blooms abundantly, year after year. Recommended propagation by cuttings. Cultivated at Station No. 4.

Kievlyanka (Киевлянка) Kievljanka

(L. Rubstov, V. Zhogoleva, 1956) Seedling of Katerine Havemeyer

Buds bright pink; florets at bud-break lilac pink, later at full bloom pale lilac with bluish hue, large (3 cm), single, fragrant; petals rounded, with pointed, bent ends. Flower clusters large (20 x 12 cm), from two to three pairs of narrow-pyramidal, medium density inflorescences. Shrub of medium height, wide-spreading. Blooms abundantly, at mid-season. Cultivated at Stations No. 2,3.

Knipper-Chekhova (Книппер-Чехова)

(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955)

Florets violet-purple, of medium size (up to 1.8 cm), single, with slight fragrance. Flower cluster pyramidal. Cultivated at Station No. 17.

Kolkhoznitsa (Колхозница) Kolkhoznica

(L. Kolesnikov)

Cultivated at Station No. 15.

Komsomolka (Комсомолка)

(L. Kolesnikov)

Buds lilac-purple; florets purplish-lilac, gradually becoming lighter in colour, large (2.2 cm), double (2-3 slightly separated corollas), slightly fragrant; petals oval, with pointed ends bent inward, giving the florets a spherical shape. Flower clusters from one to three narrow-pyramidal. loose inflorescences with segments of flower-branches visible. Leaves dark green, broad. Shrub tall, upright, with sparse foliage. Blooms moderately at mid-season. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Stations No. 1,2,4,5,6.

Konfetti (Конфетти)

(L. Kravchenko) Congo x Belle de Nancy

Florets reddish-lilac, double, with inwardly bent petals, Flower clusters large, wide-conical. Shrub tall, compact. Cultivated at Station No. 11.

Konstantin Zaslouov (Константин Заслонов)

(N. Smol'skii, V. Bibikova, 1964) Hyazinthenflieder x Reaumur

Buds bright purple, elongated; petals bluish-pink, bright blue at the centre, large (2.9 cm), single, with strong fragrance; petals wide, flat, at end of blooming season slightly bent outward. Flower clusters very large (up to 35 cm), composed of two to three pairs of inflorescences, forming a complete bouquet. Has prolonged flowering time at mid-season. Suitable for group accent planting. Cultivated at Stations No. 2,3.

Kosmonavt (Космонавт)

(N. Vekhov, 1952)

Florets pinkish-violet, stout, large, heavily-double, very fragrant. Flower clusters narrow-pyramidal. Blooms abundantly, with prolonged blooming time toward the end of the blooming season. Assigned to the State Experimental Station for further evaluation. Cultivated at Station No. 8.

Kosmos (Космос)

(I. Shtan'ko, N. Mikhailov, 1956) Seedling of Mrs. Edward Harding

Buds dark violet; florets deep violet with bluish hue, large (2.5 cm), single, fragrant, with conspicuous yellow stamens; petals rounded with slightly raised ends. Flower clusters from one to two (rarely three to four) pairs of large (25 x 10 cm) pyramidal, very dense, upright inflorescences. Shrub tall, upright with firm elongated branches. Blooms abundantly at mid-season. Recommended propagation by cuttings. Assigned to the State Experimental Station for further evaluation in 1974. Cultivated at Stations No. 1,3,6,10.

Krasavitsa Moskvу (Красавица Москвы) Krasavica Moskvу,
Krasavita Moskvу,
Krasavitza Moskvу,
Beauty of Moscow

(L. Kolesnikov, 1974) Belle De Nancy x I.V. Michurin

Buds large, pinkish-lilac; florets pinkish-white, with pearly tint, large (2.5 cm), double (2-3 tight corollas), very fragrant, similar in shape to those of "polyantha rose". Flower cluster from one to two pairs of large (25 x 12 cm), pyramidal, firm and fine inflorescences. Shrub of medium height, broad, with stiff shoots. Blooms abundantly with prolonged blooming time. The cultivar is of rare beauty. Recommended propagation by cuttings. Approved in 1962 for cultivation in certain zones. Cultivated at Stations No. 1,2,3,4,5,6,7,8,9,10,11,14,32.

Krasnaya Moskva (Красная Москва) Krasnaja Moskva

(L. Kolesnikov)

Buds violet-purple, silvery; florets dark purple, with conspicuous yellow stamens, large (2 cm), single, fragrant; petals rounded, slightly raised at the end. Flower clusters thick, firm, often from one pair of wide-pyramidal, ribbed inflorescences measuring 18 x 9 cm. Shrub tall, upright, with dark gray shoots. Blooms moderately at mid-season, distinguished by the stable colour of the flowers. Approved in 1976 for cultivation in certain zones. Cultivated in Stations No. 1,2,3,4,5,7,9, 10,12.

Kremlevskie Kuranty (Кремлевские Куранты)

(L. Kolesnikov)

Buds bright violet-carmine, florets dark lilac, emphasizing their redness, large (2.5 cm), single, fragrant; petals oval, spirally twisted. Flower cluster often from one pair of large (22 x 10 cm), pyramidal, loose, slightly drooping inflorescences. Leaves with matte surface. Shrub tall, with sparse shoots. Blooms moderately at mid-season. Assigned to the State Experimental Station in 1974. Cultivated at Stations No. 1,3,10.

Krymskaya Krasavitsa (Крымская Красавица) Krymskaja Krasavica

(V. Klimenko, 1955)

Florets lilac-blue, large, single, arranged into nice compact inflorescences. Cultivated at Station No. 17.

Krymskaya Lazur' (Крымская Лазурь) Krymskaja Lazur'

(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955)

Florets violet-blue, large, single, arranged into nice, very dense inflorescences. Cultivated at Station No. 17.

Lebedushka (Лебедушка) Lebyoduschka

(N. Smol'skii, V. Bibikova, 1964) Mme. Abel Chatenay x Reaumur

Buds creamy; florets white, with light creamy tint, very large (3.2 cm), single, with graceful composition; leaves wide, with conspicuously up-raised apices. Flower clusters from two-three pairs of wide-pyramidal, dense inflorescences, measuring (28-29) x (18 - 22) cm. Cultivated at Stations No. 1,3,10.

Leonid Kolesnikov (Леонид Колесников)

(L. Kolesnikov)

Buds dark purple; florets lilac-violet, of medium tint with light-coloured innermost corolla, double (3 corollas), with a much incurved second corolla and the third corolla with the petals inwardly bent. Flower clusters 15 cm long with quite sparse flower branching, narrow-pyramidal or nearly cylindrical, firm, of nice composition. Cultivated at Stations No. 1,8.

Leonid Leonov (Леонид Леонов)

(L. Kolesnikov, 1941)

Buds rounded-globe-shaped, violet-purple; florets lilac with violet tint in the centre, light lilac on the underside, large, single, fragrant; petals rounded with raised and small beak-like ends. Flower clusters from one to two pairs of narrow-pyramidal, medium-density inflorescences measuring 10 x 8 cm. Shrub of medium height, compact. Blooms abundantly at mid-season. Assigned to the State Experimental Station for further evaluation in 1962. Cultivated at Stations No. 1,2,3,4,5,6,8, 9,12,21.

Lesostepnaя (Лесостепная) Lesostepnaja

(N. Vekhov, 1952) Seedling of Comte De Kerchove

Florets large (2.5-3 cm), densely double, resistant to fading, very fragrant. Flower clusters pyramidal, dense. Blooms abundantly, with extended time at late-season. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Station No. 8.

Lesя Ukrainka (Леся Украинка) Lesja Ukrainka

(V. Klimenko, Z. Klimenko, A. Grigor'ev) Mme. Lemoine x *S. vulgaris*

Florets lilac-purple, medium-sized, with large flower clusters. Cultivated at Station No. 17.

Lilovayaя Piramida (Лиловая Пирамида) Lilovaja Piramida

(A. Mel'nik) Seedling of Henri Martin

Buds lilac; florets lilac with bluish tint, large (2.5-3 cm), double (4 corollas), with distinctive fragrance; petals semi-rounded or elongated-rounded, with considerable elongation, pointed and twisted. Flower clusters large (28 x 18 cm), open, pyramidal, from one to two pair of inflorescences, on an erect shoot up to 70 cm. Shrub with dense growth. Blooms abundantly, annually. Cultivated at Station No. 4.

Lilovayaя Purga (Лиловая Пурга) Lilovaja Purga

(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955)
Mme. Casimir Perier x Andenken an Ludwig Spaeth

Flowers pink to light lilac, large, single, aromatic. Flower clusters large, very dense. Cultivated at Station No. 17.

Lilovayaя Raketa (Лиловая Ракета) Lilovaja Raketa

(V. Klimenko, 1955) *S. vulgaris* x Andenken an Ludwig Spaeth

Florets lilac-pink, medium size, single. Flower clusters compact, up to 35 cm in length. Cultivated at Station No. 17.

Lipchanka (Липчанка)

(V. Romanova, M. Egorova)

Florets dark violet with pearly tint, non-fading, large (up to 3 cm), very fragrant. Flower clusters cylindrical. Blooms abundantly, at the end of the season. Cultivated at Station No. 8.

Luch Vostoka (Луч Востока)

(A. Mel'nik) Seedling of Katherine Havemeyer

Buds light carmine; florets large (3 cm), double, with two corollas, fragrant; petals attractively bent like a propeller, concealing the stamens. Flower cluster form two pairs of inflorescences with pronounced flower branching and rounded tops. Blooms abundantly. Cultivated at Station No. 4.

Lunnyĭ Svet (Лунный Свет)

(N. Smol'ski, V. Bibikova, 1964)

Mme. Abel Chatenay x Reaumur

Buds elongated-rounded, very decorative upon opening; florets white, with a touch of cream tint, large (2.8 cm), double and semi-double; petals wide-rounded with asymmetrical alternation, flat, at the end of bloom slightly bent outward, with mild fragrance. Flower clusters large (24 x 20 cm), broad-conical, dense with pronounced flower branching. Blooms abundantly for a prolonged time. Cultivated at Station No. 3.

Maĭskoe Utro (Майское Утро) Majskoe Utro

(A. Mel'nik) Seedling of Congo

Buds dark purple; florets soft purplish-pink, large (2.5-3 cm), single, fragrant; petals at the beginning bent slightly, then curving strongly downward, ending with the tip bent inward. Flower clusters large (23 x 16 cm), conical or cylindrical, of medium density. Shrub spreading. Blooms with a prolonged blooming time. Recommended for group or single-specimen planting. Cultivated at Station No. 4.

Marat Kazeĭ (Марат Казей) Marat Kazej

(N. Smol'skii, V. Bibikova, 1964) Hyazinthenflieder x Reaumur

Buds purple; florets bluish on top, with light violet tint, pink below, single, with soft, pleasant fragrance; petals elongated, flat, beginning to curve toward the end of flowering. Flower cluster large, measuring (25-28) x (16-18) cm, broad-conical, compact. Blooms with prolonged blooming time at mid-season. Distinguished by nice, distinctive colour. Cultivated at Station No. 3.

Marina Raskova (Марина Раскова)

(L. Kolesnikov)

Cultivated at Stations No. 9,21.

Marshal Vasilevskĭĭ (Маршал Василевский) Marshal Vasilevskij

(L. Kolesnikov, 1963)

Buds light purple-lilac; florets on opening pinkish-lilac, later of pink tone, large (2.5-2.7 cm), double (3 tight corollas), very fragrant; petals rounded, pointed, with distinctive attractive form; petals of lower whorl elongated and the upper curved. Lower whorl of petals darker than the upper, which gives a distinctive charm to this cultivar. Flower clusters of medium size (20 x 16 cm), oval-cylindric or wide-conical with five to six compact inflorescences. Blooms at a very early blooming season. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Stations No. 1,2,7,8,12,21.

Marshal Zhukov (Маршал Жуков)

(L. Kolesnikov, 1948)

Florets lilac, of even tint, large (up to 3 cm), single, with wide-oval petals which at the end of bloom begin to bend slightly backwards. Flower clusters from one to two pairs of wide-pyramidal inflorescences measuring 25 x 16 cm, concealed in foliage. Shrubs with vigorous growth and light gray shoots. Blooms abundantly at mid-season. Officially approved for cultivation in certain zones in 1975. Cultivated at Stations No. 1,3,4,6, 10,11.

Marsianka (Марсианка)

(V. Klimenko, 1955) Andenken an Ludwig Spaeth x Jeanne d'Arc

Florets dark violet, large, single, with compact flower clusters. Cultivated at Station No. 17.

Mate Éde Upitis (Мате Эде Упитис)

(P. Upitis)

Cultivated at Station No. 14.

Mechta (Мечта) Mieczta, Metschta

(L. Kolesnikov, 1941) Seedling of Sholokhov

Buds silvery-lilac; florets bluish-lilac, with brighter centre and pink tint on the underside, large (up to 3 cm), single, fragrant; petals rounded, with considerably raised ends. Flower clusters often from one pair of large (20 x 10 cm), broad-pyramidal, arching inflorescences. Shrub of medium height. Blooms abundantly, annually, at mid-season. Officially approved for cultivation in certain zones in 1975. Cultivated at Stations No. 1,2,3,4,5,7,8,9,10,11,14,21.

Mechta Materi (Мечта Матери)

(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955)

Flowers pinkish-purple, medium-sized, single, with dense, large, inflorescences. Cultivated at Station No. 17.

M.I. Kalinin (М. И. Калинин)

(L. Kolesnikov, 1941)

Buds purple-violet; florets at first lilac-violet, then becoming an attractive reddish-lilac-violet in colour, large (2.5-3 cm), single, very fragrant; petals very elongated, pointed and a bit bent. Flower clusters large (25 x 17 cm), delicate, round-cylindrical with four inflorescences. Blooms for a prolonged time. Officially approved for cultivation in certain zones in 1976. Cultivated at Stations No. 1,3,8,14,15.

Minchanka (Минчанка)

(N. Smol'skii, V. Bibikova, 1964)

Mme. Abel Chatenay x Reaumur

Buds bright purple, very decorative upon opening; florets bright

violet, luminous (fluorescent), at centre darker to lilac, resistant to fading, large (2.8 cm), single, very fragrant; petals bent into a spoon-like shape, somewhat channelled. Flower clusters compact, narrow-pyramidal in shape, with straight outline, large, measuring 30 x (11-12) cm. Blooms abundantly. Cultivated at Stations No. 1,2,3.

Nadezhda (Надежда)

(L. Kolesnikov)

Florets lilac with bluish tint, starting as light blue, large (3 cm), double (2-2.5 corollas), fragrant; petals broad-oval, with narrow, slightly bent tips. Flower clusters often from one pair of pyramidal, very dense, firm, slightly costate inflorescences (20 x 10 cm). Leaves elongated. Shrub of medium height, compact, with firm, straight shoots. Blooms moderately, toward end of season. Recommended propagation by cuttings. Assigned to State Experimental Station for further evaluation in 1974. Cultivated at Stations No. 1,3,10,12.

Nebo Moskvy (Небо Москвы)

(L. Kolesnikov, 1963) Mme. Casimir Perier X Snowflake

Buds faded-lilac-purple; florets at mid bloom dark lilac, ends of petals with purple tint. At full bloom florets are sky-blue with light violet saturation, large (2.6-3.3 cm), double (3 corollas), very fragrant, stable. Flower cluster large (25 x 16 cm), formed from 10-11 pairs of inflorescence branchlets. Shrub of medium height, spreading. Officially approved for cultivation in certain zones in 1975. Cultivated at Stations No. 4,5.

Nepovtorimaya (Неповторимая) Nepovtorimaja

(N. Vekhov, 1952) Seedling of Comte de Kerchove

Florets lilac-pink, firm, single, very large, (up to 3.6 cm), with pronounced fragrance. Flower clusters large, dense, pyramidal. Assigned to State Experimental Station for further evaluation in 1975. Cultivated at Station No. 8.

Nezhnost' (Нежность)

(N. Vekhov, 1952)

Flowers soft-pink, resistant to fading, double, very fragrant. Flower clusters broad-pyramidal. Blooms abundantly for a prolonged period. Assigned to State Experimental Station for further evaluation in 1975. Cultivated at Station No. 8.

Noktjurn (Ноктjурн) Noctjurn

(E. Potutova)

Flowers violet-purple, single. Assigned to State Experimental Station for further evaluation in 1971. Cultivated in Seed-Control Experimental Station, Leningrad.

Obmanshchitsa (Обманщица) Obmanshchica

(L. Kolesnikov)

Name given for varying colour. When grown in a shady area it is dark lilac with bluish tint to violet-lilac to pink, with faded violet tint. It changes abruptly in colour intensity. In an open area the colour is more stable pink-violet, with dark violet in the centre of the floret. Florets large (2 cm), double (2 corollas), with mild fragrance; petals rounded with raised saucer-shaped ends, and whitish tips. Petals are twisted inward. Flower clusters of medium size (19 x 10 cm), broad-pyramidal. Blooms abundantly. Cultivated at Stations No. 4,5,21.

Ogni Donbassa (Огни Донбасса)

(L. Rubtsov, V. Zhogoleva, N. Lyapunova, 1956)

Seedling of Charles Joly

Buds large, dark lilac, with beautiful tint; florets purplish-lilac, with light lilac ends. Petals large (2.5 cm), double (2-3 closely spaced corollas), fragrant, resistant to fading; petals oval with up-curved ends. Flower clusters from one pair of firm, pyramidal, medium-density inflorescences measuring (18-20) x (8-10) cm, with separated (isolated) lower flower branchlets. Shrub of medium height, spreading. Blooms abundantly at mid-term. Used for landscaping. Assigned to State Experimental Station for further evaluation in 1975. Cultivated at Stations No. 1,2,3,4,5,7, 9,14,16,28.

Ogni Moskvy (Огни Москвы)

(L. Kolesnikov)

Flowers upon opening velvety-purple, then lilac, single. Flower cluster large, arching. Shrub with rapid growth. Cultivated at Stations No. 1,12.

Olimpiada Kolesnikova (Олимпиада Колесникова)

(L. Kolesnikov, 1941) Berrier x Tamara Kolesnikova

Buds violet-purple; florets soft lilac-pink, making a nice combination with the darker buds, large (up to 3 cm), double, (2-3 corollas with the lowest corolla noticeably separated from the two upper), fragrant, lower petals oval, elongated, much curved, while the upper are less curved, lighter in colour and twisted toward the centre. Flower clusters, as a rule, from one pair of large (28 x 15 cm), narrow-pyramidal, vertical, firm, interrupted-branching inflorescences. Shrubs tall, pyramidal, with long shoots. Blooms abundantly with prolonged blooming time at mid-season. Propagated ordinarily by cuttings. Officially approved for cultivation in certain zones in 1975. Cultivated at Stations No. 1,2,3,4,5,6,8,9,10, 12,15,21.

Ostankino (Останкино)

(I. Shtan'ko, N. Mikhailov, 1956) Seedling of Maximowicz

Florets lavender-blue, large (2.5 - 3 cm), single; petals oval, boat-shaped, at the end of bloom bent outward, fragrant. Flower cluster from one or two pairs of pyramidal, firm, large inflorescences, of medium

density, measuring (22-25) x 10 cm. Leaves dark green, large. Shrub medium to large, broad, with abundant foliar growth and firm gray shoots. Blooms abundantly at mid-season, very fruitful. Recommended for landscape planting. Officially approved for cultivation in certain zones in 1976. Cultivated at Stations No. 1,10.

Память Академика К.И. Сатраева (Память Академика К. И. Сатраева)
Pamjat' Akademika K.I. Satraeva

(A. Mel'nik) Seedling of Henri Martin

Buds dark-violet; florets dark-lilac with violet hue, large (2.4-3 cm), single, with pleasant fragrance; petals rounded, boat-like in shape, with pointed tips. Flower clusters large (25 x 18 cm), cylindrical, dense, from one to two pairs of inflorescences. Shrub of medium height, spreading. Blooms at mid-season. Recommended for propagation by cuttings. Assigned to the State Experimental Station for further evaluation in 1972. Cultivated at Station No. 4.

Памяти А.Т. Смольской (Памяти А. Т. Смольской)
Pamjati A.T. Smol'skoj

(N. Smol'skii, V. Bibikova, 1964) Andenken an Ludwig Spaeth
x Hyazinthenlieder

Buds purple, globe-shaped; florets dark lilac, with purple tint, darker at the centre, resistant to fading, large (2.7 cm), single, fragrant; petals wide, bent, underside and ends whitish, with distinctive bright yellow anthers. Flower cluster large (28 x 13 cm), narrow-conical, on firm stalk. Cultivated at Station No. 3.

Память о Чехове (Память о Чехове) Pamjat' o Chekhove
(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955)

Florets lilac-purple, of medium size, single, with good quality inflorescences. Blooms abundantly. Cultivated at Station No. 17.

Память о С.М. Кирове (Память о С. М. Кирове) Pamjat' o S.M. Kirove,
Pamiat o S.M. Kirove

(L. Kolesnikov, 1943) 'Belle de Nancy' x 'I.V. Michurin'

Buds dark, brownish-lilac; florets dark bluish-lilac, with silvery hue, large, double (2-3 tightly arranged corollas), fragrant; lower petals oval, slightly bent, while the upper are less bent and lighter in colour. Flower cluster often from one pair of large, wide-pyramidal, loose inflorescences with well-developed lower inflorescence branchlets. Shrub broad, spreading. Blooms with a prolonged period to the very end of the blooming season. Officially approved for cultivation in certain zones in 1976. Cultivated at Stations No. 1,2,3,6,8,9,10,11.

Память о Вавилове (Память о Вавилове) Pamjat' o Vavilove
(Vekhov, 1952)

Florets pale violet-pink, firm, large (up to 2.7 cm), double with much fragrance. Flower clusters pyramidal, dense. Blooms abundantly. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Station No. 8.

Память о Вехове (Память о Вехове)

(N. Vekhov, 1952, name accepted in 1972)

Florets light violet, firm, large (up to 3 cm), double, fragrant. Flower clusters pyramidal, dense. Blooms abundantly. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Station No. 8.

Partizanka (Партизанка)

(N. Smol'skii, V. Bibikova, 1964) Andenken an Ludwig Spaeth
x Hyazinthenflieder

Buds rounded, bright purple; florets pinkish-lilac, with very bright, bluish centre, large (2.7 cm), single; petals wide with very slightly raised ends, flat at the end of bloom, and bent outward. Flower clusters very dense, of perfect pyramidal form, 28 cm long, on firm flower stalk. Blooms abundantly. Good choice for group or individual planting. Cultivated at Stations No. 1,3,10.

Pavlinka (Павлинка)

(N. Smol'skii, V. Bibikova, 1964)

Buds bright, at bud break resembling a "polyantha rose"; florets lilac-purple with petals lighter coloured on the inside, large (2.6 cm), double (2-3 corollas); petals rounded with asymmetrical sequence. Lower corollas with elongated petals; upper petals slightly curved, while 2-3 petals of third layer are bent toward the tube; fragrant, inflorescence broad-conical, of medium density, 22-25 cm long. Cultivated at Stations No. 1,3,10.

Pioner (Пионер) Pioneer

(L. Kolesnikov, 1951)

Buds dark lilac-purple; florets lilac-pinkish-purple, bluish at centre, large (up to 2.5 cm), single, with soft pleasant fragrance; petals elongated, wide-oval, bent and twisted like propeller blades. Flower cluster large (25 x 20 cm), cylindrically-oval, from one to two pairs of thick, delicate inflorescences. Blooms at mid-end of blooming season. Officially approved for cultivation in certain zones in 1962. Cultivated at Stations No. 1,21.

P.K. Ozolin (П.К. Озолин)

(L. Kravchenko)

Flowers pink, double. Cultivated at Station No. 11.

Poleskaya Legenda (Полесская Легенда) Polesskaja Legenda

N. Smol'skii, V. Bibikova)
Andenken an Ludwig Spaeth x Hyazinthenflieder

Buds purplish-lilac; florets at bud break dark purple, later of light violet colour. Stamens bright yellow, slightly projected from the tube; with strong pleasant fragrance; petals wide with raised ends. Flower clusters large, measuring (26-28) x 14 cm, narrow pyramidal, of medium density, on firm flower stalks. Blooms abundantly toward the end of the season. Cultivated at Station No. 3.

Polina Osipenko (Полина Осипенко)

(L. Kolesnikov, 1941)

Buds soft lilac-pink; florets white, with very soft bluish-pink-lilac tint, large (2.5 cm), double (3 tight corollas), fragrant; petals rounded, with pointed tips slightly bent, elongated in the lowest layer. Flower clusters large (20 x 13 cm), cylindrical, with two inflorescences, compact. Blooms abundantly. Cultivated at Stations No. 2,4,8,9,11.

Pol' Robson (Поль Робсон)

(L. Kolesnikov, 1965)

Buds silvery-lilac; florets light lilac with bluish hue, large (up to 3 cm), single, very fragrant; petals broad-oval, almost rounded with bent, beak-like ends. Cluster often from one pair of pyramidal, semi-firm, medium density inflorescences (18 x 8 cm). Leaves large matte-green. Blooms quite abundantly at mid-season. Cultivated at Stations No. 1,2,5,6,8.

Poltava (Полтава)

(L. Rubtsov, V. Zhogoleva, 1956) Seedling of Ruhm von Horstenstein

Florets with pleasant, warm, pastel colour, with lilac-violet tint, single, fragrant; petals wide, ladle-shaped. Flower clusters very large, (30-35) x 20 cm, broad-pyramidal. Shrub of medium height, spreading. Blooms abundantly at early mid-season. Cultivated at Station No. 2.

Pozdnyaya Vishnevaya (Поздняя Вишневая) Pozdnjaja Vishnevaja)

(L. Kravchenko)

Flowers cherry-red, double. Cultivated at Station No. 11.

P.P. Konchalovskij (П.П. Кончаловский) P.P. Konchalovskij

(L. Kolesnikov, 1956)

Florets from lilac-blue with violet tint to blue, large (3 cm), densely double, with soft fragrance; petals broad-rounded. Flower clusters form two to three pairs of broad-pyramidal, dense, slight drooping inflorescences. Shrub tall, straight, with slightly spreading crown. Cultivated at Stations No. 1,4,10,12.

Radostnaya (Радостная)

(L. Kravchenko)

Flowers pink, single, Cultivated at Station No. 11.

Radost' Pobedy (Радость Победы)

(V. Kliminko, Z. Klimenko, A. Grigor'ev, 1955)

Florets pink-purple, of medium size, single. Cultivated at Station No. 17.

Radzh Kapur (Радж Капур)

(L. Kolesnikov)

Buds deep lilac-red; florets at bud break lilac-red, later lighter in colour, large (up to 3 cm), single, fragrant; petals oval, with raised ends, spirally twisted. Flower clusters broad, thick, often from one pair of inflorescences with dainty flower branching. Leaves dark green, elongate-pointed. Shrub of medium size, broad, with brown colour coating on young shoots. Blooms abundantly at mid-season. Recommended propagation by cuttings. Assigned to the State Experimental Station for further evaluation in 1974. Cultivated at Stations No. 1,5,12.

Rozovaya Radost' (Розовая Радость)

(A. Mel'nik) Seedling of mechta

Flowers pale lilac-pink, with soft bluish tint, single, with corolla lobes broadly spreading. Flower clusters broad-pyramidal, arching. Blooms abundantly at the beginning of the blooming season. Cultivated at Station No. 4.

Rozovoe Oblako (Розовое Облако)

(L. Rubtsov, V. Zhogoleva, 1956) Seedling of Ruhm von Horstenstein

Florets light pink-lilac, with silvery tint, large (3.5 cm), single, fragrant; petals oval, broad, with pointed tips, inwardly bent. Flower cluster large (23 x 22 cm), loose, resembling a wide pyramid. Shrub of medium height, broadly spreading. Blooms with a prolonged blooming time, abundantly, at mid-season. Cultivated at Station No. 2.

Rus' (Русь)

(N. Vekhov, 1952)

Florets pink with bluish tint, very fragrant. Flower clusters pyramidal, large. Blooms abundantly at the beginning of the season. Cultivated at Station No. 8.

Russkaya Pesnya (Русская Песня) Russkaja Pesnja

(N. Vekhov, 1952) Seedling of Marechal Lannes

Florets light violet, firm, large, double, with three layers of petals, with pronounced fragrance. Flower clusters conical, very dense. Blooms abundantly, for a prolonged period of time. Cultivated at Station No. 8.

Russkiĭ Suvenir (Русский Сувенир) Ruskij Souvenir

(E. Potutova)

Florets pale violet-purple, single. Assigned to the State Experimental Station for further evaluation in 1971. Cultivated at Seed Control Experimental Station (KSOS), Leningrad.

Salavat Yulaev (Салават Юлаев) Salavat Julaeu

(A. Sakharova) Mme. Lemoine x Congo

Florets purple-violet, large, double. Assigned to the State Experimental Station in 1974. Cultivated at Station No. 42.

Sapun-gora (Сапун-гора)

(V. Klimenko, 1955)

Florets light violet, large, single. Cultivated at Station No. 17.

Serebristyĭ Landysh (Серебристый Ландыш)

(E. Potutova)

Florets white, double. Assigned to the State Experimental Station for further evaluation in 1971. Cultivated in Seed Control Experimental Station (KSOS), Leningrad.

Sevastopol'skiĭ Val's (Севастопольский Вальс) Sevastopol'skij Val's

(V. Klimenko, 1955) Mme Casimir Perier x Andenken an Ludwig Spaeth

Florets lilac, large, single, with pronounced fragrance. Blooms very abundantly. Cultivated at Station No. 17.

Shkol'nitsa (Школьница) Shkol'nica

(N. Shtan'ko, N. Mikhailov, 1956) Seedling of Prince de Beauvau

Florets light bluish-lilac, large (2.2 cm), single, fragrant; petals oval, almost flat, slightly raised, with beak-like ends. Flower clusters large (25 x 25 cm) from 2-3 (up to 4) pairs of pyramidal, dense inflorescences. Leaves dark green. Shrub short, globe-shaped. Blooms abundantly. Recommended for propagation. Assigned to the State Experimental Station for further evaluation in 1974. Cultivated at Station No. 1.

Sholokhov (Шолохов)

(L. Kolesnikov)

Buds purple; florets lilac-pink, large, single, fragrant; petals broad-oval. Flower clusters from 2-3 pairs of broad-pyramidal, rounded, dense, slightly arching (as grapes), inflorescences. Blooms abundantly. Cultivar resembles Captain Baltet but is more pink in tint. Cultivated in Stations No. 1,2,5,8,12.

Sirenevaya Piramida (Сиреневая Пирамида) Sirenevaja Piramida

(E. Potutova)

Florets dark violet-purple, single. Assigned to the State Experimental Station for further evaluation in 1971. Cultivated at Seed Control Experimental Station (KSOS), Leningrad.

Sirenevuyĭ Kaskad (Сиреневый Каскад) Sirenevuj Kaskad

(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955)

Mme. Casimir Perier x Andenken an Ludwig Spaeth

Florets lilac, single. Inflorescences large, compact. Cultivated at Station No. 17.

Sorok Let Komsomola (Сорок Лет Комсомола)

(L. Kolesnikov)

Florets lilac, with bluish tint, large, single, fragrant; petals broad-oval. Flower clusters usually from one pair of fair-sized (25 x 10 cm), broad oval, loose, drooping inflorescences. Shrub with rapid growth, spreading. Blooms moderately at mid-season. Does not form seed. Assigned to the State Experimental Station for further evaluation in 1974. Cultivated at Stations No. 1,2,8,10,12.

Sovetskaya Arktika (Советская Арктика) Sovetskaja Arktika

(L. Kolesnikov, 1955)

Buds creamy; florets pure white, large (2.5 cm), double (2-2½ slightly separated corollas), fragrant; petals oval, pointed, spirally twisted. Flower clusters often from one pair of broad-pyramidal, loose, open, large (measuring 22-24) x 12 cm), medium-firm, costate inflorescences. Leaves large, dark green. Shrub tall, dense, well covered with foliage. Blooms moderately at mid-season. Assigned to the State Experimental Station for further evaluation in 1974. Cultivated at Stations No. 1,3,4,10.

Sojuz-Apollon (Союз Аполлон) Sojuz-Apollon

(L. Klimenko)

Cultivated at Station No. 17.

Sumerki (Сумерки)

(L. Kolesnikov, 1954)

Buds violet-purple; florets violet-blue, dark, large (up to 2.5 cm), single, with strong pleasant fragrance; petals broad, rounded, pointed, with lighter coloured ends. Flower clusters usually from one pair of firm, delicate inflorescences (15 x 8 cm). Shrub tall, spreading, with sparse foliage. Blooms moderately at mid-season. Does not form seed. Cultivated at Stations No. 1,10,15.

Svityazanka (Свитязанка) Svitjazanka

(N. Smol'skii, V. Bibikova, 1964) Hyazinthenflieder x Reaumur

Buds of beautiful composition; florets dark purple, darker at centre, large (2.9 cm), single, with pleasant fragrance; petals broad, whitish on the tips of the underside. Flower clusters large (24 x 13 cm), cylindrical, compact, on firm flower stalks. Decorative cultivar with bloom toward end of season. Cultivated at Station No. 3.

S.V. Lavrov (С. В. Лавров)

(Raised in Khar'kov by horticulturist S.V. Lavrov)

Florets light lilac with bluish tint, medium size (1.8 cm), double (two tightly arranged corollas), fragrant; petals broadly oval, almost flat. Flower clusters from one to two pairs of narrow pyramidal, delicate inflorescences (22 x 10 cm). Shrub with abundant wood growth, and limited foliar growth. Blooms moderately at midseason. Cultivated at Station No. 1.

Тамара Колесникова (Тамара Колесникова)

(L. Koesnikov)

Buds purple-pink; florets at bud burst lilac or lilac pink, of beautiful colour tone, later bluish, small (1.3-1.4 cm), double (3 corollas), third corolla considerably raised above the first two, with narrow and pointed petals. The end of some petals in the third corolla is uplifted considerably from the plane of the same corolla layer. Petals are short with ends bent backwards; sometimes observed to have additional petals bent inward. Flower cluster small (12 x 5 cm), very dense, narrow-conical, sometimes composed of 2-3 pairs of inflorescences. Cultivated at Station No. 8.

Танечка (Танечка)

(N. Smol'skii, V. Bibikova, 1964) Hyazinthenflieder x Reaumur

Buds elongated, rounded. Buds break into blossom slowly; florets light bluish-pink, with purple centre. Anthers project out from the corolla tube, giving the cluster a more pronounced appearance. Petals large (2.5 cm), single, with pleasant fragrance. Flower clusters large (25 x 18 cm), broad, pyramidal, of medium density. Blooms abundantly with a prolonged blooming time. Cultivated at Stations No. 2,3.

Тарас Бульба (Тарас Бульба)

(L. Rubtsov, V. Zhogoleva, N. Lyapunova, 1956)

Seedling of Leon Gambetta

Buds dark violet with pink tint, very large; florets dark lilac with bluish tint, large (2.3 cm), dense-double (3-3.5-parted corollas), with pleasant fragrance. Flower clusters from one pair of narrow-pyramidal, loose inflorescences measuring (20 x 8 cm). Leaves light green. Shrub spreading with stout shoots. Blooms toward the end of the season. Recommended for propagation by cuttings. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Stations No. 1,2,3,4, 7,9,10,14,28.

Топаз (Топаз)

(V. Zhogoleva, 1976) Seedling of Andenken an Ludwig Spaeth

Buds dark lilac; florets dark carmine-violet; very large (3-3.8 cm), single, fragrant. Petals oval, broad, ladle-shaped with ends bent inward. Flower clusters large, measuring (25-28) x 16 cm, of medium density, from 2-3 conical inflorescences. Shrub tall, a bit spreading. Blooms abundantly with a prolonged blooming time, at mid to end season. Recommended for propagation by cuttings. Cultivated at Station No. 2.

Украина (Украина)

(V. Zhogoleva, 1974) Seedling of Reaumur

Buds purple-pink; florets lilac-pink developing into lilac-white, with soft tone, large (2.5-3 cm), single, fragrant; petals oval, broad, shaped like a spoon, bent inward. Flower clusters very large, measuring (28-35) x (20-24) cm, from 2 pairs of narrow-pyramidal dense inflorescences. Shrub tall, broad. Blooms abundantly from beginning to mid-season. Recommended for propagation by cuttings. Cultivated at Station No. 2.

Utro Moskvy (Утро Москвы)

(L. Kolesnikov, 1938) Emile Lemoine x Mme. Lemoine

Buds lilac-pink, large with slow bud burst; florets light lilac-pink with silvery tint, large (2.3 cm), double (3-3.5 parted corollas), very fragrant; petals pointed, raised, concealing the centre. Flower clusters dense, firm, from 1-2 pairs of pyramidal, a bit costate inflorescences measuring 20 x 9 cm with a rounded top. Leaves large, dark green. Shrub compact with stout, light-gray shoots. Blooms moderately, at mid-season. Does not produce seed. Assigned to the State Experimental Station for further evaluation in 1962. Cultivated at Stations No. 1,2,4,5,6,8,9, 10,11,21.

Utro Rossii (Утро России)

(N. Vekhov, 1952)

Florets violet with pearl-colour ends, resistant to fading, large (up to 3.5 cm), double, very fragrant. Flower clusters pyramidal, dense. Blooms abundantly. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Station No. 8.

Valentina Grizodubova (Валентина Гризодубова)

(L. Kolesnikov)

Buds pink; florets light-pink, large (up to 2.4 cm), double with curved, pointed petals. Flower clusters of medium size, oval, of medium density. Blooms abundantly. Cultivated at Stations No. 1,2,8,12,14.

Valentina Tereshkova (Валентина Терешкова)

(L. Kravchenko) Congo x Lamarck

Flowers pink, with lilac tint, double. Assigned to the State Experimental Station for further evaluation in 1976. Cultivated at Station No. 11.

Vera Khoruzhaya (Вера Хоружая) Vera Khoruzhaja

(N. Smol'skii, V. Bibikova, 1964) Mme. Abel Chatenay x Reaumur

Buds elongated, bright lilac; florets lilac-pink, with light bluish veins along the centre of the petals, large (2.8 cm), single, with pleasant fragrance; petals lustrous, narrow, channelled, (channel-like shape), elongated. Flower clusters measuring 30 x 16-18 cm, wide-pyramidal with long lateral branching, inflorescences loose, interrupted. Cultivated at Stations No. 1,2.

Vesennyaya Krasa (Весенняя Краса) Vesennjaja Krasa

(V. Klimenko, 1955)

Florets lilac-violet, large (2.5 cm) single. Flower cluster large, dense. Cultivated at Station No. 17.

Vesna 1942 g. (Весна 1942 Г)

(L. Kolesnikov)

Buds purple; florets first light purple, then light violet (1.7 cm), double (2 corollas). Flower clusters large, measuring (20-22 cm x 11 cm), conical. Blooms abundantly. Cultivated at Stations No. 8,12.

Vestule Solveĭgaĭ (Вестуле Солвейгай)

(P. Uritis)

Cultivated at Station No. 14.

Vnuchka Lenochka (Внучка Леночка)

(L. Kolesnikov)

Cultivated at Stations No. 9,15.

Yaltinskaya Prelest' (Ялтинская Прелесть) Jaltinskaja Prelest'

(V. Klimenko, Z. Klimenko, A. Grigor'ev, 1955)

Andenken an Ludwig Spaeth x Jeanne d'Arc

Florets violet purple, of medium size, single. Cultivated at Station No. 17.

Yubilejnaya (Юбилейная) Jubilejnaja

(I. Shtan'ko, N. Mikhailov, 1956) Seedling of Congo

Buds light violet; florets lilac-pink with bluish hue, large (2.5 cm), single, fragrant; petals broad. Flower clusters large (25 x 20 cm), from 3-5 (up to 6) pairs of broad-pyramidal, erect sparse inflorescences with insignificant lower branching. Shrub of medium height, broad, thick. Blooms very profusely with prolonged blooming period at mid-season. Recommended for propagation by cuttings. Assigned to the State Experimental Station for further evaluation in 1974. Cultivated at Stations No. 1,3,8.

Yunost' (Юность) Junost'

(N. Vekhov, 1952)

Florets lilac-pink, large (3.3 cm), single, with spirally twisted petals, fragrant. Flower clusters conical, sparse. Blooms abundantly. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Stations No. 8,11.

Yuriĭ Gagarin (Юрий Гагарин) Jurij Gargarin

(LOSS, Lesostepnaya Experimental Breeding Station)

Florets pink, with silvery tint, double. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Stations No. 4,11.

Yuzhanka (Южанка) Juzhanka

(V. Klimenko, 1955)

Florets violet-purple, of medium size, single, in dense inflorescences. Cultivated at Station No. 17.

Yuzhnaya Noch' (Южная Ночь) Juzhnaja Noch'

(V. Klimenko, 1955)

Florets dark violet, large, single. Cultivated at Station No. 17.

Zarya (Заря) Zarja

(N. Vekhov)

Assigned to the State Experimental Station for further evaluation. Cultivated at Station No. 8.

Zarya Kommunizma (Заря Коммунизма) Zarja Kommunizma

(L. Kolesnikov, 1951) No. 110 x Andenken an Ludwig Späth

Buds lilac-purple; florets purple-red, with violet saturation in the centre, large (about 3 cm), single, fragrant; petals elongated-oval, spirally twisted at full bloom. Flower clusters frequently formed from one pair (rarely two), wide-pyramidal, slightly drooping, medium density inflorescences, measuring (22 x 10 cm). Leaves large, dark green. Shrub of medium height, broad, well covered with foliage. Blooms moderately at mid-season. Assigned to the State Experimental Station for further evaluation in 1962. Cultivated at Stations No. 1,2,3,8,10,12.

Zashchitnikam Bresta (Защитникам Бреста)

(N. Smol'skii, V. Bibikova, 1964) Mme. Abel Chatenay x Reaumur

Buds greenish-cream; florets from milky to pure white, large (2.5 cm), double (2-3 corollas), with strong pleasant fragrance; petals wide-rounded, slightly raised and bent inward. Flower clusters measuring 22-25 x 16 cm, wide-conical, compact on firm stalks. Has prolonged bloom at mid-season. Cultivated at Stations No. 2,3.

Zirka Travnja (Зирка Травня) Zirka Travnja

(?)

Buds silvery-violet, florets light bluish-lilac, large (2.4 cm), double (2 corollas). Flower clusters frequently from one pair of conical, dense somewhat ribbed and firm inflorescences, measuring (16-18) x (6-8) cm. Leaves dark green, with elongate apices. Shrubs short, broad. Blooms abundantly, seed-yield good. Cultivated at Stations No. 1,2,9,10,11.

Znamja Lenina (Знамя Ленина) Znamja Lenina

(L. Kolesnikov) Seedling of Congo

Florets when just opening purple-red, later red-lilac, firm, single, large (2.2 cm), moderately fragrant; petals wide-oval, with slightly raised ends. Flower clusters often from one pair of wide-pyramidal, with prominently branched, dense inflorescences, measuring 22 x 12 cm. Shrub wide, medium height, with prominent green twigs. Blooms abundantly at the end of season (breaks into blossom May 30 - June 3), seed-yield good. Assigned to the State Experimental Station for further evaluation in 1962. Cultivated at Stations No. 1,5,7.

Zor'ka Venera (Зорька Венера)

(N. Smol'skii, V. Bibikova, 1964) Hyazinthenflieder x Reaumur

Buds lilac-purple; florets dark-purple, even-hued, with anthers slightly projecting out of the tube, large (2.7 cm), single, with strong fragrance; petals wide-oval, flat. Flower clusters large (23 x 25 cm), wide-conical, compact. One of the better hybrids of the 'Congo' type with distinctive bright flowers. Cultivated at Station No. 3.

Zoya Kosmodem'yanskaya (Зоя Космодемьянская)
Zoya Kosmodem'janskaja

(L. Kolesnikov, 1943)

Buds light purplish-lilac; florets from light lilac-blue to light blue, large (2-2.5 cm), single, fragrant; petals rounded, with slightly incurved apices. Flower clusters large (27 x 20 cm), often from one pair of wide-conical, medium-dense, slightly arching inflorescences. Leaves medium, wide oval in shape. With prolonged bloom at mid-season. Assigned to the State Experimental Station for further evaluation in 1975. Cultivated at Stations No. 1,2,8,9,32.

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