Flower formulas for different plant families, mostly from Middle Russia

Family	**Formula**
Acoraceae	$\ast \mathrm{P}_{6}\mathrm{A}_{6}\mathrm{G}_{(\underline{3})}$
Actinidiaceae	$\ast \mathrm{K}_{5}\mathrm{C}_{5}\mathrm{A}_{\infty}\mathrm{G}_{(\underline{\infty})}$
Adoxaceae (*Adoxa*)	$\ast [\mathrm{K}_{2}\mathrm{C}_{4}\mathrm{A}_{4\times 2}] \vee [\mathrm{K}_{3}\mathrm{C}_{5}\mathrm{A}_{5\times 2}]\mathrm{G}_{\text{-}(2)\text{-}}$
Adoxaceae (*Sambucus*)	$\ast \mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_{5}\mathrm{G}_{\text{-}(2)\text{-}}$
Aizoaceae (*Mollugo*)	$\ast \mathrm{P}_{(5)}\mathrm{A}_{5}\mathrm{G}_{(\underline{3})}$
Alismataceae	$\ast \mathrm{K}_{3}\mathrm{C}_{3}\mathrm{A}_{6\vee\infty}\mathrm{G}_{\underline{\infty}}$
Amaranthaceae	$\ast \mathrm{P}_{3-5}\mathrm{A}_{3-5}\mathrm{G}_{(\underline{2})}$
Amaryllidaceae	$\ast \mathrm{P}_{3+3}\mathrm{A}_{3+3}\mathrm{G}_{(\overline{3})}$
Anacardiaceae	$\ast \mathrm{K}_{5}\mathrm{C}_{5}\mathrm{A}_{10-5}\mathrm{G}_{(\underline{1-3})}$
Apocynaceae	$\ast \mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_{5}\mathrm{G}_{\underline{2}}$
Araceae (*Calla*)	$\ast \mathrm{A}_{6}\mathrm{G}_{(\underline{3})}$
Araliaceae	$\ast \mathrm{K}_{5}\mathrm{C}_{5}\mathrm{A}_{5}\mathrm{G}_{(\overline{1-5})}$
Aristolochiaceae	$\uparrow \mathrm{P}_{1}(\mathrm{A}_{6}\mathrm{G}_{(\overline{3})})$
Asaraceae	$\ast \mathrm{P}_{(3)}\mathrm{A}_{12}\mathrm{G}_{(\overline{3})}$
Asparagaceae	$\ast \mathrm{P}_{4\vee(6)}\mathrm{A}_{3+3}\mathrm{G}_{(\underline{3})}$
Balsaminaceae	$\uparrow \mathrm{K}_{1,2}\mathrm{C}_{1,2,2}\mathrm{A}_{(5)}\mathrm{G}_{(\underline{5})}$
Begoniaceae	$\mathrm{P}_{2-6}\mathrm{G}_{(\overline{3})} \vee \mathrm{P}_{2\vee[2+2]}\mathrm{A}_{\infty}$
Berberidaceae	$\ast \mathrm{K}_{3+3}\mathrm{C}_{3+3}\mathrm{A}_{3+3}\mathrm{G}_{\underline{1}}$
Betulaceae	$\mathrm{P}_{0\vee 2\vee(4)}\mathrm{A}_{4-12} \vee \mathrm{P}_{0\vee(\infty)}\mathrm{G}_{(\overline{2})}$
Boraginaceae	$\ast \vee \uparrow \mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_{5}\mathrm{G}_{(\underline{2\times 2})}$
Bromeliaceae	$\ast \mathrm{K}_{3}\mathrm{C}_{3}\mathrm{A}_{3+3}\mathrm{G}_{\overline{3}}$
Butomaceae	$\ast \mathrm{K}_{3}\mathrm{C}_{3}\mathrm{A}_{9}\mathrm{G}_{\underline{6}}$
Cactaceae	$\ast \mathrm{K}_{\infty}\mathrm{C}_{\infty}\mathrm{A}_{\infty}\mathrm{G}_{(\underline{3})}$
Callitrichaceae	$\mathrm{A}_{1} \vee \mathrm{G}_{(\underline{2\times 2})}$

Family	**Formula**
Campanulaceae (most)	$*\mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_{5}\mathrm{G}_{(\overline{2\vee3\vee5})}$
Campanulaceae (*Lobelia*)	$\uparrow\mathrm{K}_{(5)}\mathrm{C}_{(2,3)}\mathrm{A}_{(5)}\mathrm{G}_{(\overline{3})}$
Cannaceae	$\mathrm{K}_{3}\mathrm{C}_{3}\mathrm{S}_{2\frac{1}{2}}\mathrm{A}_{\frac{1}{2}}\mathrm{G}_{(\overline{3})}$
Caprifoliaceae	$*\vee\uparrow\mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_{5\vee4}\mathrm{G}_{(\overline{2})}$
Caprifoliaceae (*Linnaea*)	$\uparrow\mathrm{K}_{(5)}\mathrm{C}_{5}\mathrm{A}_{2,[3\vee2]}\mathrm{G}_{(\overline{2})}$
Caryophyllaceae	$*\mathrm{K}_{5\vee(5)}\mathrm{C}_{5\vee0}\mathrm{A}_{5\vee10}\mathrm{G}_{(\underline{3\vee5})}$
Celastraceae	$*\mathrm{K}_{(4)}\mathrm{C}_{4}\mathrm{A}_{4}\mathrm{G}_{(\underline{2})}$
Ceratophyllaceae	$*\mathrm{P}_{12}\mathrm{A}_{\infty}\vee*\mathrm{P}_{8-12}\mathrm{G}_{\underline{1}}$
Chenopodiaceae	$*\mathrm{P}_{3-5}\mathrm{A}_{1-5}\mathrm{G}_{(\underline{2})}$
Cistaceae	$*\mathrm{K}_{2+3}\mathrm{C}_{5}\mathrm{A}_{\infty}\mathrm{G}_{(\underline{3})}$
Commelinaceae	$\mathrm{K}_{3}\mathrm{C}_{1,2}\mathrm{A}_{3}\mathrm{G}_{(\underline{3})}$
Compositae	$*\vee\uparrow\mathrm{K}_{0\vee5}\mathrm{C}_{(5\vee3)}\mathrm{A}_{(5)}\mathrm{G}_{(\overline{2})}$
Convolvulaceae	$*\mathrm{K}_{(5\vee4)}\mathrm{C}_{(5\vee4)}\mathrm{A}_{5\vee4}\mathrm{G}_{(\underline{2})}$
Cornaceae	$*\mathrm{K}_{(4)}\mathrm{C}_{4}\mathrm{A}_{4}\mathrm{G}_{(\overline{2})}$
Crassulaceae	$*\mathrm{K}_{(5-20)}\mathrm{C}_{5-20}\mathrm{A}_{10-40}\mathrm{G}_{\underline{5-20}}$
Cruciferae	$*\mathrm{K}_{4}\mathrm{C}_{4}\mathrm{A}_{2+4}\mathrm{G}_{(\underline{2})}$
Cucurbitaceae	$*\mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_{(5)}\vee*\mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{G}_{(\overline{3-5})}$
Cyperaceae	$\uparrow\vee*\mathrm{P}_{0-6}\mathrm{A}_{3\vee2}\mathrm{G}_{(\underline{3\vee2})}$
Dipsacaceae	$\uparrow\mathrm{E}_{(4\vee8)}\mathrm{K}_{(5\vee3)\vee0}\mathrm{C}_{(4\vee5)}\mathrm{A}_{4}\mathrm{G}_{(\overline{2})}$
Droseraceae	$*\mathrm{K}_{5}\mathrm{C}_{5}\mathrm{A}_{5}\mathrm{G}_{(\underline{3})}$
Elaeagnaceae	$*\mathrm{P}_{(2-4)}\mathrm{A}_{4}\mathrm{G}_{(\overline{2})}$
Elatinaceae	$*\mathrm{K}_{2-4}\mathrm{C}_{2-4}\mathrm{A}_{3-8}\mathrm{G}_{(\underline{2-4})}$
Empetraceae	$*\mathrm{K}_{3}\mathrm{C}_{3}\mathrm{A}_{3}\mathrm{G}_{(\underline{3})}$
Ericaceae	$*\mathrm{K}_{(4\vee5)}\mathrm{C}_{[(4\vee5)]\vee5}\mathrm{A}_{4\vee5+4\vee5}\mathrm{G}_{(\underline{4\vee5})}\vee\mathrm{G}_{(\overline{4})}$
Ericaceae (Pyroloideae)	$*\mathrm{K}_{(5)}\mathrm{C}_{5}\mathrm{A}_{10}\mathrm{G}_{(\underline{5})}$
Ericaceae (*Oxycoccus*)	$*\mathrm{K}_{4}\mathrm{C}_{(4)}\mathrm{A}_{4+4}\mathrm{G}_{(\overline{4})}$
Ericaceae (*Monotropa*)	$*\mathrm{K}_{4\vee5}\mathrm{C}_{4\vee5}\mathrm{A}_{4\vee5+4\vee5}\mathrm{G}_{(\underline{4\vee5})}$
Ericaceae (*Vaccinium*)	$*\mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_{5}\mathrm{G}_{(\overline{4})}$
Euphorbiaceae	$\mathrm{A}_{1}\vee\mathrm{G}_{(\underline{3})}$
Fagaceae	$*\mathrm{P}_{(5-9)}\mathrm{A}_{5-10}\vee*\mathrm{P}_{\infty}\mathrm{G}_{(\overline{2})}$
Gentianaceae	$*\mathrm{K}_{(5\vee[4-7])}\mathrm{C}_{(5\vee[4-7])}\mathrm{A}_{4-7}\mathrm{G}_{(\underline{2})}$
Geraniaceae	$*\mathrm{K}_{5}\mathrm{C}_{5}\mathrm{A}_{[5+5]\vee(5)}\mathrm{G}_{(\underline{5})}$

Family	**Formula**
Gramineae	$\uparrow \mathrm{P}_{2\vee 3}\mathrm{A}_{[3-1]\vee 6}\mathrm{G}_{(\underline{2})}$
Haloragaceae	$*\mathrm{K}_4\mathrm{C}_4\mathrm{A}_{4+4} \vee *\mathrm{K}_4\mathrm{C}_4\mathrm{G}_{\overline{4}}$
Hippuridaceae	$\uparrow(\mathrm{A}_1\mathrm{G}_{\overline{1}})$
Hydrangeaceae (*Philadelphus*)	$*\mathrm{K}_{4\vee 5}\mathrm{C}_{4\vee 5}\mathrm{A}_{\infty}\mathrm{G}_{(\overline{4})}$
Hydrocharitaceae (*Hydrocharis*)	$*\mathrm{P}_{3+3}\mathrm{A}_{3+3+3} \vee *\mathrm{P}_{3+3}\mathrm{G}_{\overline{6}}$
Hydrocharitaceae (*Stratiotes*)	$*\mathrm{K}_3\mathrm{C}_3\mathrm{A}_{\infty}\mathrm{G}_{\overline{6}}$
Hydrocharitaceae (*Elodea*)	$*\mathrm{K}_{(3)}\mathrm{C}_3\mathrm{S}_{1-3}\mathrm{G}_{\overline{3}}$
Hydrophyllaceae (*Phacelia*)	$*\mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_5\mathrm{G}_{(\underline{2})}$
Hypericaceae	$*\mathrm{K}_5\mathrm{C}_5\mathrm{A}_{3\times\infty}\mathrm{G}_{(\underline{3})}$
Iridaceae	$* \vee \uparrow \mathrm{P}_{(3+3)}\mathrm{A}_3\mathrm{G}_{(\overline{3})}$
Juglandaceae	$\mathrm{P}_{3-6}\mathrm{A}_{3-40} \vee \mathrm{P}_4\mathrm{G}_{(\overline{1})}$
Juncaceae	$*\mathrm{P}_{3+3}\mathrm{A}_{[3+3]\vee 3}\mathrm{G}_{(\underline{3})}$
Labiatae	$\uparrow \mathrm{K}_{(5)}\mathrm{C}_{(2,3)}\mathrm{A}_{[2,2]\vee 2}\mathrm{G}_{(\underline{2\times 2})}$
Lauraceae	$*\mathrm{P}_{3+3}\mathrm{A}_{3+3+3}\mathrm{G}_{\underline{1}}$
Leguminosae	$\uparrow \mathrm{K}_{(5\vee 3)}\mathrm{C}_{[1,2,(2)]\vee(1,2,2)}\mathrm{A}_{[1,(4+5)]\vee(10)}\mathrm{G}_{\underline{1}}$
Lemnaceae	$\mathrm{A}_1 \vee \mathrm{G}_{\underline{1}}$
Lentibulariaceae (*Pinguicula*)	$\uparrow \mathrm{K}_{(2)}\mathrm{C}_{(2)}\mathrm{A}_2\mathrm{G}_{\underline{1}}$
Lentibulariaceae (*Lentibularia*)	$\uparrow \mathrm{K}_{(2)}\mathrm{C}_{(2)}\mathrm{A}_2\mathrm{G}_{(\underline{2})}$
Liliaceae	$*\mathrm{P}_{3+3}\mathrm{A}_{3+3}\mathrm{G}_{(\underline{3})}$
Linaceae	$*\mathrm{K}_{4\vee 5}\mathrm{C}_{4\vee 5}\mathrm{A}_{4\vee 5}\mathrm{G}_{(\underline{4\vee 5})}$
Lythraceae (*Peplis*)	$*\mathrm{K}_{(6+6)}\mathrm{C}_{0\vee 6}\mathrm{A}_6\mathrm{G}_{(\underline{2})}$
Lythraceae (*Lythrum*)	$*\mathrm{K}_{(6+6)}\mathrm{C}_6\mathrm{A}_{[6+6]\vee 6}\mathrm{G}_{(\underline{2})}$
Magnoliaceae	$*\mathrm{P}_{3+3+3+3}\mathrm{A}_{\infty}\mathrm{G}_{\underline{\infty}}$
Malvaceae	$*\mathrm{H}_{0\vee 3-8\vee(3-8)}\mathrm{K}_5\mathrm{C}_5\mathrm{A}_{(\infty)}\mathrm{G}_{\underline{(\infty)\vee\infty}}$
Melanthiaceae (*Veratrum*)	$*\mathrm{P}_{3+3}\mathrm{A}_{3+3}\mathrm{G}_{\underline{3}}$
Menyanthaceae (*Nymphoides*)	$*\mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_5\mathrm{G}_{(\underline{2})}$
Menyanthaceae (*Manyanthes*)	$*\mathrm{K}_{(5)}\mathrm{C}_{(5)}\mathrm{A}_5\mathrm{G}_{(\underline{2})}$
Moraceae	$\mathrm{P}_4\mathrm{A}_4 \vee \mathrm{P}_4\mathrm{G}_{(\underline{2})}$
Musaceae	$\uparrow \mathrm{P}_{5,1}\mathrm{A}_{5,1} \vee \mathrm{G}_{\overline{3}}$
Myrtaceae	$*\mathrm{K}_{4-5}\mathrm{C}_{4-5}\mathrm{A}_{\infty}\mathrm{G}_{\overline{2}}$
Najadaceae	$\mathrm{P}_1\mathrm{A}_1 \vee \mathrm{G}_{\underline{1}}$
Nitrariaceae	$*\mathrm{K}_5\mathrm{C}_5\mathrm{A}_{5+5}\mathrm{G}_{(\underline{3})}$

Family	Formula
Nyctaginaceae	$P_5A_{1-\infty}G_{\underline{1}}$
Nymphaeaceae	$*K_{4-6}C_{\infty}A_{\infty}G_{(\underline{\infty})} \vee G_{\text{-}(\infty)\text{-}}$
Oleaceae	$*K_{(4)}C_{(4)}A_2G_{(\underline{2})}$
Oleaceae (*Fraxinus*	$K_{0\vee4}A_2G_{(\underline{2})}$
Onagraceae	$*K_{2\vee4}C_{2\vee4}A_{2\vee[4+4]}G_{(\overline{2-5})}$
Onagraceae (*Chamaenerion*)	$\uparrow K_4C_{1,3}A_{4+4}G_{(\overline{2})}$
Orchidaceae	$\uparrow P_{3\vee[(2),1]+2,1}(A_{1\vee2}G_{(\overline{3})})$
Oxalidaceae	$*K_5C_5A_{(5+5)}G_{(\underline{5})}$
Paeoniaceae	$K_5C_5A_{\infty}G_{(\underline{2-4})}$
Palmae	$*P_{3+3}A_{3+3} \vee G_{\underline{3}}$
Papaveraceae (Fumarioideae)	$\uparrow K_2C_{(1,3)}A_{2\times3}G_{(\underline{2})}$
Papaveraceae (Papaveroideae)	$*K_2C_4A_{\infty}G_{(\underline{2})}$
Parnassiaceae	$*K_{(5)}C_5S_5A_5G_{(\underline{3})}$
Plantaginaceae	$*K_{4\vee3}C_{(4)}A_4G_{(\underline{2})}$
Plumbaginaceae	$*K_{(5)}C_{(5)}A_5G_{\underline{1}}$
Polemoniaceae	$*K_{(5)}C_{(5)}A_5G_{(\underline{3})}$
Polygalaceae	$\uparrow K_{2,3}C_{([1,2]\vee[1,4])}A_{(8)}G_{(\underline{2})}$
Polygalaceae	$\uparrow K_{2,3}C_{[1,2]\vee[1,4]}A_{(8)}G_{(\underline{2})}$
Polygonaceae	$P_{(4\vee5)\vee3-6}A_{5-9}G_{(\underline{3})}$
Portulacaceae (*Montia*)	$*K_{(2)}C_{(5)}A_3G_{(\underline{3})}$
Potamogetonaceae	$*P_4A_4G_{\underline{4}}$
Primulaceae	$*K_{(5\vee4\vee7)}C_{(5\vee4\vee7)}A_{5\vee4\vee7}G_{(\underline{5\vee4\vee7})}$
Primulaceae (*Trientalis*)	$*K_7C_7A_7G_{(\underline{7})}$
Primulaceae (*Hottonia*)	$*K_5C_{(5)}A_5G_{(\underline{5})}$
Ranunculaceae	$* \vee \uparrow[K_{3-15}C_{2-25}] \vee [P_{5-6}]A_{5-\infty}G_{\underline{1-\infty}}$
Ranunculaceae (*Batrachium*)	$*K_5C_5A_{\infty}G_{\underline{\infty}}$
Ranunculaceae (*Atragene*)	$*K_4C_4A_{\infty}G_{\underline{\infty}}$
Resedaceae	$\uparrow K_{4-6}C_{4-6}A_{10-\infty}G_{(\underline{3})}$
Rhamnaceae	$*K_{(4\vee5)}C_{4\vee5}A_{4\vee5}G_{(\underline{2})}$
Rosaceae	$*K_{(5)}C_5A_{\infty}G_{\underline{1}} \vee G_{(\overline{2-5})}$
Rosaceae (Rosoideae)	$*H_{(5\vee4\vee0)}K_{(5\vee4)}C_{5\vee4\vee0\vee6}A_{4-\infty}G_{\underline{1-\infty}}$
Rosaceae (*Alchemilla, Sanguisorba*)	$*H_{0\vee4}K_4A_4G_{\underline{1}}$

Family	**Formula**
Rubiaceae	$*K_{0\vee(4\vee5)}C_{(4\vee3\vee5)}A_{4\vee3\vee5}G_{(\bar{2})}$
Rutaceae	$*K_{4-5}C_{4-5}A_{[4-5]\vee[8-10]}G_{(\underline{4-5})}$
Salicaceae	$A_{3-20} \vee G_{(\underline{2})}$
Santalaceae (*Viscum*)	$*P_{2+2}A_{2+2} \vee *P_{2+2}G_{(\bar{2})}$
Santalaceae (*Thesium*)	$*P_{(5\vee4)}A_{5\vee4}G_{(\bar{2})}$
Sapindaceae	$* \vee \uparrow K_5C_5A_{5-12}G_{(\underline{2})}$
Sapindaceae (*Acer negundo*)	$*P_{(5)}A_{4-6} \vee *P_5G_{(\underline{2})}$
Saxifragaceae (*Saxifraga*)	$*K_5C_5A_{10}G_{(\underline{2})}$
Saxifragaceae (*Chrysosplenium*)	$*P_{(4\vee5)}A_8G_{(\bar{2})}$
Saxifragaceae (*Ribes* s. l.)	$*K_{(5\vee4)}C_{5\vee4}A_{5\vee4}G_{(\bar{2})}$
Scheuchzeriaceae (*Triglochin*)	$*P_3A_3P_3A_3G_{(\underline{3})}$
Scheuchzeriaceae (*Scheuchzeria*)	$*P_{3+3}A_{3+3}G_{\underline{3}}$
Scrophulariaceae	$\uparrow \vee *K_{(4\vee5)}C_{([2,3]\vee4\vee5)}A_{[2,2]\vee2\vee5}G_{(\underline{2})}$
Scrophulariaceae (*Veronica*)	$\uparrow K_{(4)}C_{(4)}A_2G_{(\underline{2})}$
Scrophulariaceae (*Limosella*)	$*K_{(5)}C_{(5)}A_{4\vee2}G_{(\underline{2})}$
Solanaceae	$*K_{(5)}C_{(5)}A_5G_{(\underline{2})}$
Tamaricaceae	$*K_5C_5A_5Ge(1)$
Theaceae	$*K_5C_5A_\infty G_{(\underline{3})}$
Thymelaeaceae (*Daphne*)	$*P_{(4)}A_8G_{(\underline{2})}$
Tiliaceae	$*K_5C_5A_\infty G_{(\underline{3})}$
Trapaceae	$*K_4C_4A_4G_{(\bar{2})}$
Trilliaceae (*Paris*)	$*P_{4+4}A_4G_{(\underline{4})}$
Tropaeolaceae	$\uparrow K_{1,4}C_{2,3}A_8G_{(\underline{3})}$
Typhaceae	$P_{0\vee3-6}A_{3\vee(3)} \vee P_{0\vee3-6}G_{\underline{1}}$
Typhaceae (*Sparganium*)	$*P_{3-6}A_3 \vee *P_{3-6}G_{\underline{1}}$
Ulmaceae	$*P_{(4-6)}A_{4-6}G_{\underline{1}}$
Umbelliferae	$* \vee \uparrow K_5C_5A_5G_{(\bar{2})}$
Urticaceae	$*P_{4\vee5}A_{4\vee5} \vee *P_{4\vee0}G_{\underline{1}}$
Valerianaceae	$\lightning K_0C_{(5-3)}A_3G_{(\bar{2})}$
Violaceae	$\uparrow K_5C_{[1,4]\vee0}A_{2,3}G_{(\underline{3})}$
Vitaceae	$*K_5C_{(5)}A_5G_{(\underline{2})}$
Zannichelliaceae	$\uparrow P_1A_1G_{\underline{3-5}}$

Family	Formula
Zygophyllaceae	$\ast \mathrm{K}_5\mathrm{C}_5\mathrm{A}_{5+5}\mathrm{G}_{(\underline{5})}$