

## SEED LIST OF ALPINE PLANTS FOR 2013/2014-

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### LEGEND:

PRICES: A-portion for E 1.- B-portion for E 2.- C –portion for E 3. D-portion for E 4.-  
Each portion include 20 corns or more,in case of big seeds it can be less.Usually it is  
30-50 of seeds.

- 1/ACONITUM lycocotum ssp.vulparia-A-strong plants,tom 120cm high,big pale yellow flws.
- 2/--- „ ---napellus- A-to 150cm high,fringed lvs,big deep blue flowers.
- 3/ACER shirasawanum-C-tree to 5 m high only,very little and nice shaped leaves.
- 4/ACHILLEA clavenae-B-to 20cm high only,needlelike lvs are silver,white flowers.Dry!
- 5/ADENOSTYLES alpina-A-big flat lvs,to 80cm high,flw.stems with many purple flowers
- 6/ALLIUM atrosanquineum-B-narrower lvs,to 30 cm long.Flw.stem to 20 cm,purple/red flws.
- 7/--- „ ---cernuum-C-grey,narrow lvs.Flw.stem to 40cm,very nice bright pink flowers.
- 8/--- „ ---jajlae-C-narrow,tubelike lws.Flw.stem to 30cm with ball of light violet flowers.
- 9/--- „ ---kermesinum-C-tubelike lvs to 25cm long,flw.stem to 30cm high with big ball  
of smaller deep red flowers.Damp places.
- 10/--- „ ---SPEC.I.-B-narrow,flat,deep green lvs.Flw.stem to 60cm,with big ball of blue flowers.
- 11/--- „ ---SPEC.II.-B-deep green,flat,spiral lws.to 30cm long.Flw.stem to 60cm high,white flowers..
- 12/ANDROSACE alpina-D-ground,pulped,deep green rosettes make a great carpet.From this  
carpet grow up flw.stems to 1-2cm high with nice white or pink flowers,rose eyes.
- 13/-- „ ---carnea ssp.brigantiaca-C-ground lv.rosettes to 3 cm in diameter,from the center flower  
Stems to 8 cm with nice white flowers with yellow or orange eye.
- 14/--- „ ---helvetica-D-dwarf lv.rosettes of brown/green hairy lvs make compact smal cushions on  
limestone rocks.On the surface of cushions are nice,stemless bigger white flowers.
- 15/--- „ ---chamaejasme-C-bright green lv.rosettes –to 5 cm across.From the middle flw.stems  
to 5 cm high with nice white flowers
- 16/--- „ ---incana ssp.sibirica-D-lw.rosettes 1 cm in diameter only,silver and hairy lvs.Flower  
stems to 12 high with many nice white or pink flowers,yellow/orange eyes.
- 17/--- „ ---koso-poljanskyi-C-lv.rosettes to 2 cm,silver hairy.Flw.stem to 10 cm,pink flowers.
- 18/--- „ ---lactiflora-C-sharp pointed lv.rosettes,to 3 cm across.Ends of lvs.are red.Flower stem  
to 20 cm high with clump of whiten flowers with eyes.
- 19/---- „ ---obtusifolia-C-rosettes of pale green lvs. are hairy,in diameter cca 3cm,flw.stems  
to 3 cm high,hundreds of nice white flowers.
- 20/--- „ ---spec.MONDY-C-rosettes of pale green lws are hairy,flw.stem to 10 cm high.
- 21/ANEMONE baldensis-C-plants to 30cm high,deep green fraying lvs.Flw.stem to 35 cm  
high with a few big white flowers-to 4 cm in diameter.
- 22/--- „ ---crinita-C-anemone from narcissiflora group,flowers often creamy white.
- 23/--- „ ---canadensis-C-cca 25 cm high plants,between the lvs.grow up nice white flower.
- 24/--- „ ---hupehensis-B- stronger plants to 60cm high,big flws-pink inside,purple outside.
- 25/--- „ ---narcissiflora--C-deep green fraying lvs.to 30 cm high.Flw.stems to 70cm high bear  
clumps of big white flowers.All plants are quite hairy.
- 25a/--- „ ---reflexa-B-cca 40 cm high plants with big white flowers.
- 26/ANTENNARIA dioica-C-very low plants,silver hairy lvs.Flw.stems to 10 cm high only  
with smaller pink flowers.Sunny,dry and sandy places!
- 27/AQUILEGIA einseleana-C-very divided lvs,tom 25cm high,flw.stem to 30cm,big deep blue flws.
- 28/--- „ --- glandulosa-C-brilliant aquilegia!Very divided lvs,to 50cm high,with great deep blue  
flowers,very opened and nearly without spurs.Very contrast yellow flw.sticks.Moisture.
- 29/--- „ ---sibirica-B-to 60cm high,big pale blue flws.nearly white flower corolla.
- 30/ACTAEA erythrocarpa-C-it grows in shadow.To 50 cm high,white flowers,red berries.

- 31/ALYSSUM montanum-silver plants,to 15 cm high,many nice yellow flowers.Drier,sunny.
- 32/AMORPHOPHALLUS mexicanum-C-1-2 big,flat lvs to 50 cm high.Big yellow flower with many brown dots, to 50 cm high too.It smells like rotting meatVery attractice and nice.
- 33/ANAPHALIS contorta-A-till 40 cm high plant,narrower leathery lvs- a few yellow flowers.
- 34/ARCTOSTAPHYLOS alpina-C-creeping shrubs,to 15cm high,wrinkled lvs in the summer deep green,in the autumn deep red.Many nice black berries!!
- 35/--- „ ---uva-ursi-C-very similar plants but fruits are redberries!
- 36/ARMERIA alpina-,B-very nice alpine plant-it makes dwarf low clump of sharp lvs.to 10 cm long.From the middle of clump grow a few flw.stems to 20cm with bright rose flws.
- 37/ ARABIS bellidifolia ssp.stellulata-C-succulent deep green lvs make rosettes to 3 cm in diameter. Flw.stems to 4 cm high with a few big white flowers.Sunny places.
- 38/ --- „ ---coerulea-C-denticulate,hairy small lvs.in rosette.Flw.stem to 5 cm high,white flowers.
- 39/--- „ ---pumila-B-bright green,pulped lvs to 5 cm high,many nice yellow flowers.
- 40/--- „ ---umbrosa-B-mini lv.rosettes-to 3 cm across,very spiny.Flw stem to 8 cm,white/pink flws.
- 41/--- „ ---SPEC.-B-to 5 cm high, round silver lvs.On the short stem many yellow flowers.
- 42/ASPHODELLUS bento-rainhae-C-ground,silver, grasslike lvs.Stem to 80 cm,many yellow flws.
- 43/ASTER alpinus-B-typical yellow/violet alp's plant but it comes from East Sajans,Siberia.
- 44/ASTRAGALUS altaica-B-till 20 cm high,flw.stem to 30 cm with deep purple flowers.
- 45/--- „ ---spec.-B-spiny shrub to 80 cm high,red branches,big inflated fruits.
- 46/BERGENIA crassifolia-A-big shiny lvs.Flw.stem to 30 cm high with many nice pink flowers.
- 47/BERBERIS vulgaris-A-very spiny shrubs-to 150cm high,tough and spiny lvs.Red berries.
- 48/CALLIANTHEMUM coriandrifolium-D-very nice plant from Alps.Fringed ground lvs.in bigger rosette,very nice white flowers on longer,pendulous stems.
- 49/--- „ ---sajanense- D-very similar like up,lvs blue/green.Flowers white with green center.
- 50/CAMPANULA alpina-C-strong but lower plants-to 20cm high.It makes small,hairy shrubs with a few branches and with many great big pale blue bells.Acid soil.
- 51/--- „ --- barbata-B-plants to 25 cm high,very hairy.On stem from 3 to 7 big pale blue bells.Ornamental plants and easy for growing!.
- 52/--- „ ---carpatica v.alba-B-small herb shrubs,soft lvs and branches.Many smaller white bells
- 53/--- „ ---caespitosa-C-ground rosette of dark green toothy lvs.From the middle grow flw.stems to 20 cm high with a few longer,deep blue bells.Limestone chinks!
- 54/ --- „ ---cenisia-D-creeping plant-carpets of nice,pale green lvs.3 cm above the surface only. From green carpet grow up many pale blue bells with white big pistils in throat.Screes!
- 55/-,---cochlearifolia-B-miniplants make little clumps of pulped and shiny lvs.Flw.stems are till 10 cm high with bigger,blue down growing bells.
- 56/--- „ ---ciliata-B-strong plants,cca 25 cm high,very coarse.On stem more big,pendulous light blue flowers.Very decorative.
- 57/--- „ ---dasyacantha-C-dwarf plant-to 15 cm only.Small ground lv.rosette,big deep blue bell.
- 57a/--- „ ---glomerata ssp.krylowii-A-till 30 cm high,coarse flw.stem with lvs and few blue bells.
- 58/--- „ ---longsdorfii-C-to 25 cm high,on stem 2-4 bigger,opened violet/blue bells.Meadows.
- 59/--- „ ---patula ssp.jahorinae-B-higher plants-to 50cm with many grasslike lvs.Flower stems bear many bright blue tubelike bells.
- 60/--- „ ---persicifolia-B-strong plants-to 70cm high with many bigger violet/blue opened bells.
- 61/--- „ ---rapunculoides-B-robust coarse plants to 80 cm high.Upper part of plant bears many big, hanging violet flowers.Sunny meadows.
- 62/--- „ ---rotundifolia-B-smaller plants-to 30cm high only,often pendulous.Round lvs in ground rosette,pendulous flower stems with pale blue bells.
- 63/--- „ ---scheuzeri-B-higher-to 40cm-weaker plants,narrow lvs.On the top of stem many sky blue bigger bells.All plants are soft hairy.
- 64/--- „ ---zoysii-D-very dwarf plants grow in rock crevices ,to 5 cm high only.Flw.stems are to 8 cm high with pale blue flws.of very,very rare shape!!Limestone.
- 65/CHRYSANTHEMUM spec.B-plant like chamomile but with big violet/pink flowers.

- 65A/CHAMAERHODOS altaica-D-perfect alpine plant-deep green,divided lvs like a feather make small rosette.From the center grows up flw.stem to 8 cm high with white/pink flowers.
- 66/CLEMATIS sibirica-B-creepers to 4 m long,bigger white flowers.Semishadow.
- 67/CORTHUSA mathioli-B-forest plants,deep green round lvs.Red/ violet primulalike flowers.
- 68/--- „ ---sibirica-C-very similar to previous but flowers are violet/pink.
- 69/CORYDALIS lutea-B-bigger herb shrubs-to 30 cm high,pale green.Many nice yellow flowers.
- 70/CYTISUS nigricans-B-bright green small shrubs-to 80cm high,many yellow flowers.
- 71/CYCLAMEN purpurascens-B-forest plants,lvs with silver drawing,pink flowers.Semishadow.
- 72/DABOECIA cantabrica-C-wonderful dwarf shrubs-to 20cm high,needlelike lvs.On the ends of stems many smaller bright red/pink bells.Perfect shape.
- 73/DAPHNE giraldii-D-shrub to 120 cm high,deciduous lvs.Yellow flowers in clumps-fragrant!
- 74/--- „ -- mezereum f.alpina-C-alpine form-plants are till 50 cm high only,lvs.are green/blue and quite narrow.Nice fragrant and pink flws,bright red berries!
- 75/--- „ ---striata-D-low woody little shrubs-to 25 cm high only.Narrow blue/green lvs.  
On the tops of branches are clumps of fragrant pink flowers.Sunny places.
- 76/DELPHINIUM elatum ssp.austriacum-B-strong plants to semishadow.To 120cm high,divided lvs are deep green.Upper part of flw.stem is bearing many big,deep blue flws with long spur.
- 77/DIANTHUS sylvestris-B-blue/green lvs,stems to 25cm high,pink shaggy flowers.
- 78/--- „ ---versicolor-B-to 30 cm long lvs,grey colour,red tips.Flw.stems to 35 cm high with bigger/ 35 mm in diameter/-red/carmine flowers,flw.leaves are very toothy.
- 79/--- „ ---spec.-B-to 40 cm high species with pale violet flowers.
- 80/DIGITALIS lutea-A-strong plants to 100cm high,hairy.On stem many big yellow bells.
- 81/DRABA aizoides ssp.aizoides-C-very small,deep green ,toothy ground lv.rosettes in diameter to 15 mm.Flw.stems to 6 cm tall bear a few bigger deep yellow flws.
- 82/--- „ ---hoppeana-C-similar to previous but lv.rosettes silver/green and less toothy.
- 83/--- „ ---spec.-C-miniature,deep green toothy lv rosettes,deep yellow smale flowers.
- 84/DRACOCEPHALUM altaicum-B-deep green plants to 60 cm high with big dark blue flowers.
- 85/DRYAS octopetala-B- small,woody, creeping shrubs to 15 cm tall with bright deep green lws.  
.Flw.stems to 20 cm high with big white flowers.Ornamental seeds too.Large carpets!!.
- 86/--- „ ---oxyodonta-C-dwarf,deep green shiny and skiny plants,only 3 cm above the ground.  
From bigger plant carpets grow up hundreds of flw.stems with nice white/creamy flws.
- 87/ELEUTEROCCUS senticosus-C-from Far East region.Shrub to 180 cm tall,very thorny.  
On the tops of branches are big globes of white flws,later black berries.All the plant has got medicinal matters-stimulating and swelling resistance against the low temperature.
- 88/ERANTHIS sibirica-C-bulb plant.Flw stem to 20 cm high,2 bigger flat leaves,between them grows big white flower.Very early flowering-february!
- 89/ERIGERON elongatus-B-sturdier plants,to 20 cm high silver hairy, blue/yellow flowers.
- 90/--- „ ---spec.-A-smaller herb shrubs-to 20 cm high.Many blue flowers with yellow center.
- 91/ERITRICHIUM pauciflora ssp.sajanense-D-lv rosettes to 3 cm across from narrow,silver lvs.  
Flower stems to 7 cm high with many blue flowers with yellow eyes.Drier and sunny places.
- 92/ERYNGIUM alpinum-C-strong plant to 100cm high,blue/green lvs and stems.Flowers make bigger blue balls-to 5 cm across
- 93/--- „ ---caeruleum-C-beautiful plants!To 50 cm high,silver/green and spiny plants.On the tops of branches big balls of brilliant blue flowers.Very decorative plants..
- 94/FRITILLARIA dagana-C-forest's bulb plant.Plant to 20 cm high with big pendulous bell of yellow/ green colour with brown cubes.Enough of water during the summer!
- 95/--- „ --- tubaeformis-C-bulb plants to 30 cm high.Blue/green and narrow lvs.  
Flw.stem with one big pendulous flw-outside red,inside checquered.
- 96/FESTUCA sp.-B-grass from rocky screes!Pendulous long blue tubelike lvs-to 60cm long.
- 97/GENTIANA- acaulis -C-ground lv.rossettes of longer lvs.Short flw.stems with big deep blue flowers with green weins and dots It grows on acid rocks.
- 98/--- „ ---algida-C-herb shrubs to 20 cm high with 3-7 big white/green flowers outside with black dots.Flowers are erected up.More damp meadows.

- 99/--- „ ---bavarica ssp.subacaulis-C-miniature deep green lv.rosettes –to 2 cm in diameter.  
In the middle longer flw.stems ended by deep blue flowers.
- 100/--- „ ---barbata-B-to 20 cm high herb ,short hairy shrub.On stems 3-10 big pale blue bells.
- 101/--- „ ---brachyphylla-C-dwarf plants,small round lvs.make mini lv.rosettes-to 2 cm across.  
From the center grows up longer,tubelike flower,to 3cm long and of nice blue colour.
- 102/--- „ ---campestris-B-annual small plants.It makes dwarf herbaceous shrubs to 10cm high,  
with many branches finishing by small pale violet flowers.Self sowing species.
- 103/--clusii-C-ground lv.rosettes to 5 cm in diameter.Flw.stem to 8 cm tall with one big  
deep blue flw.It grows on limestone soils.
- 104/--- „ ---clusii ssp.undulatifolius-C-the same plants but margines of lvs are undulate.
- 105/---„---kochiana-C-plants from family acaulis.Inside of the big deep blue flws.  
- are nice yellow/green dots.
- 106/--- „ ---ligustica-C-from clusii family.Lvs.longer and narrower,flws are sky blue.
- 107/--- „ ---lutescens-B-biennial plants.Small herbaceous shrubs with many pale violet flowers.
- 108/--- „ ---lutea-B-sturdy,to 120cm high plant,with big lvs.Many big yellow flowers.Medicinal.
- 109/--- „ ---pilosa-B-again biennial species.Herbaceous shrubs with grasslike lvs,deep violet flws.
- 110/--- „ ---pumila-C-from verna family.It makes dwarf lv.rosettes-to 2 cm across,from the center  
grows up flw.stem with bigger,deep blue,tubelike flower to 3 cm high.
- 111/---„---punctata-B-robust plants,to 80cm tall.Big yellow flws.with brown dots are in few  
levels and the final clump is on the top of stem.
- 112/--- „ ---pyramidalis-C-bigger,summer flowering species.Plants to 20 cm high,with many  
longer branches finishing by big tubelike flowers,pale blue with white lines.Good growing.
- 113/--- „ ---purpurea-C-the similar to G.lutea but flowers are purple.
- 114/--- „ ---schleicheri-C-miniplants.Lv.rosettes make dwarf clumps to 2 cm high.From the middle  
of rosettes grow up blue flowers to 4 cm high,without flower stems!Very nice.
- 115/---„---terglovensis-C-miniature lv.rosettes in diameter to 4cm-succulent lvs.From the middle  
grow up lower, raised blue/violet flws,nearly stemless.
- 116/---„---verna-B-very similar plants but flowers are sky-blue.
- 117/GEUM montanum-C-higher plants-to 30cm,deep green denticulate lvs.big yellow flws.
- 118/---„---reptans- C-lower plants-to 20 cm only,deep green divided lvs.On the top of stem big  
yellow flower.Plants make red stolons for multiplying.
- 119/GLADIOLUS imbricatus-B-bulb plant.From the bulb grow up narrow,swordlike lvs to 40cm  
long.From the middle grows up flw.stem to 50cm high with many bright pink flowers.
- 120/GLOBULARIA cordifolia-C-spoonlike deep green lvs.Plants make low carpet to 3 cm  
high only. Flw.stems to 10cm tall with big pale blue ball of flowers.
- 121/GYMNADENIA conopsea-B-orchids for light forests.To 30 cm high with many pink flowers.
- 122/GYPSOPHILLA patrinii-C-smaller herb shrubs of blue/green needlelike lvs.many pink flws.
- 123/--- „ ---repens-C-small clumps of narrow,sharp and hardy lvs.From these clump  
grow up many flw.stems to 20 cm tall with nice pink flws.Sandy and sunny slopes.
- 124/--- „ ---repens-C-the same species but flowers are white.
- 125/HELEBORUS thibetanus-D-very divided,deep green and leathery lvs,to 25cm high.Flower  
stem often pendulous,to 25 cm long with 1-3 big pink flowers.
- 126/HEMEROCALIS minor-B-famous garden plant-to 50 cm high with big yellow flowers.
- 127/HIERACIUM intybeanum-B-sturdy herbs to 25 cm high,rough lvs and stems.Flower stems are  
often pendulous and finishing by big lemon yellow flower-to 4 cm across.
- 128/--- „ ---pilosella-B-creeping herbs,ground lvs often hairy.Fl.w.stem to 15 cm high,yellow flws.
- 129/HIPPOPHAEA rhamnoides-B-famous medicinal plant-shrub to 4 m high,dwarf flowers but  
bigger orange fruits with vitamine C.From sediment sand soils in Irkut river-Siberia.
- 130/--- „ ---„RED GLOBE“-C-hybrid from Irkutsk city-middle size,deep red berries-edible but  
they are more sour-by high level of vit.C.
- 131/--- „ ---„KRASIVAJA“-C-hybrid from Novosibirsk city-great oblong orange berries.  
Edible-sweet/sour taste.
- 132/HUTCHINSIA alpina-C-small herbaceous shrubs,very divided succulent,deep green lvs.  
On the top of low plants many yellow flowers.Very ornamental seeds too.

- 133/INCARVILLEA zhongdianensis-C-robust plants cca 40 cm high.Divided,shrivelled,deep green  
lvs. Flw.stem to 40 cm high bears one giant bright rose flw.with big yellow eye.
- 134/ILLEX aquifolia“J.C.van TOL“-C-clone with elliptic lvs,no teeth,no thorns.
- 135/--- „ ---x AQUIPERNYI“-C-shrub to 100 cn high,shiny,toothy lvs.Smaller yellow flowers,  
many nice red berries.Margins of lvs.often thorny too.
- 136/--- „ ---cornuta-C-dwarf shrub-to 100cm high.Nice deep green shiny lvs with keen tooth on rim.
- 137/IRIS albertii-B-higher spec.-cca 50cm,broad lvs.Stem to 40 cm with big pale blue flowers.
- 138/--- „ --- setosa-B-smaller spec.-to 25cm high,big blue flws.with white center,yellow weins
- 139/--- „ ---setosa ssp.canadense-B-dwarf plants-to 15 cm high,purple flws.with dark weins
- 140/--- „ ---spec.I-B-broad lvs.to 80 cm long,stem to 100 cm high.From south Siberia.
- 141/--- „ ---spec.II.-B-narrow,grasslike lvs.to 40 cm long,stem to 60 cm-from Far East.
- 142/--- „ ---spec.III.-B-russian name-Ir.floriovych-not find.Deep green 50 cm long lvs.  
to 2 cm broad.Flower stem to 60 cm.South Siberia-Mongolia.
- 143/--- „ ---spec.IV.-B-sturdy but low plants-to 50 cm high,blue/green lvs.From South Siberia.
- 144/LAVANDULA spec.-A-to 40 cm high,grey plant.Blue flowers.All plants very aromatic!!
- 145/LEONTOPODIUM alpinum-A-all plants are silver hairy to 20 cm high.On the top of plants  
are big silver inflorescences,in the middle small white flws.Sunny and drier slopes.
- 146/--- „ ---ochroleucum ssp.conglobatum-C-higher plants-to 35cm.Silver hairy,yellow flowers.
- 147/LEUCANTHEMUM adustum.ssp.margaritae-B-ground,toothy,deep green lvs,flower  
stem to 25cm high is ended by big yellow/white flower.
- 148/LEDUM palustre-B-shrubs to 100 cm high,smaller white/yellow flws.Shrubs are aromatic!
- 149/LIATRIS spicata alba-A-ground lv.rosettes of grasslike lvs.to 30 cm long.Flwr. stem to 120cm  
high with 40 cm long spike on the top with many white flowers.
- 150/--- „ ---elegans-B-very similar plants but with blue flowers.
- 151/LILIUM bulbiferum ssp.croceum-C-sturdy plants to 70 cm high with lvs on the all stem.  
On the top a few great bright orange flowers.This ssp doesn't make pseudobulbs!
- 152/--- „ ---C- martagon-A-robust,higher bulb plants-to 80cm tall.Lvs are in a few levels.  
. On the top of plant are bigger,fragrant purple/violet flws. Siberian forms.
- 153/--- „ ---mart.ssp.pilosiusculum-C-similar to type but flowers are nearly red and on the base  
are flowers soft white hairy.From mountain meadows.
- 154/LINARIA alpina-C-creeping plants to 15 cm high only.Small blue/green needlelike lvs.  
Many decorative flowers of blue/orange/violet colour.Limestone scree!!
- 155/LINUM alpinum-B-higher plants-to 30 cm tall with narrow needlelike lvs.On the top  
of plant a few big light blue flowers. In rock crevices
- 156/LOISELEURIA procumbens-C-low-to 30 cm high only-woody shrubs-with small deep  
green lvs.On the top of shrubs many small pink flowers.Semishadow places..
- 157/LONICERA altaica-B-woody shrub to 100 cm high.Nice elliptical blue lvs.On the endings  
of branches are umbells of yellow flws.Bigger blue edible fruits!!
- 158/LYCOPODIUM alpinum-B-ground pine-It makes nice carpets with erect pines of spores.
- 159/MYOSOTIS alpetris-C-to 20 cm high plants,all hairy.On the stems small silver  
- green lvs.On the top of flw.stem many pale blue flws.with yellow eyes.Nice..
- 160/MONESES uniflora-B-ground lv.rosettes of small,round lvs.Flw.stem to 15cm high,white flw.
- 161/OXYTROPIS filiformis-B-small herb shrubs cca 25 cm high,pale green.On the top of flower  
stems are clumps of pink/violet flowers,later big inflated little bladders.
- 162/PAPAVER ernesti-meyeri-C-dwarf poppy.Blue/green,very divided lvs,to 10 cm high only.  
Flower stems to 20cm high with big white flowers,yellow anthers inside.
- 163/--- „ --- kernerii-C-ground lvs.very divided of blue/green colour.All plant hairy, to 20 cm  
high with one big yellow flw. Limestone scree.
- 164/PAEDEROTA bonarota-C-overhanging plants with leathery,deep green lvs.in rocky crevices.  
On the endings of plants racemes of deep blue flowers.
- 165/--- „ --- lutea-C-very similar plants but lvs.paler and flowers sulphur yellow.
- 166/PARIS quadrifolia-B- plant to 40cm high.On stem 4 bigger lvs,white/green flw-blue berry.

- 167/PARAQUILEGIA microphyla-D-little plants in rock's crevice.Lvs.are blue/green,pendulous from the rocks.Flower stems hang down from rocks with many big white flowers,orange sticks.
- 168/PARNASSIA palustris-A-ground rosette of rounded small lvs.From the middle grows up flw.stem to 30 cm tall with one bigger pure white flower.Moist meadows.
- 169/PATRINIA sibirica-D-nice pale green plants cca 10 cm tall,flower stems to 15 cm high with big clusters of golden yellow flowers.Beautiful and they flowers very long.
- 170/PAEONIA anomala-C-to 80 cm high herb shrub.Very fringed lvs,on the top of flw.stems big /about 10 cm across/light violet flowers.
- 171/--- „ ---delaway-C-woody shrubs to 180cm high,red branches with great dark purple flowers.
- 172/--- „ ---rockii-C-woody shrubs to 150 cm high,great/to 18 cm across/flowers of white,pink or dark red colour-purple center with orange sticks.
- 173/--- „ ---spec.I.-C-unknown spec.-herb paeonia-collected in Chamar Daban-Siberia.
- 174/--- „ ---spec.II.-C-unknown spec.-herb paeonia-collected near Baical Lake.
- 175/PENSTEMON pubescens-C-smaller herbaceous shrub-to 12 cm high.Lvs often green/red. Pendulous flower stems to 12 cm long with many nice pale blue flowers.
- 176/PETROCALLIS pyrenaica-D-very small-to 15 mm in diameter- lv.rosettes make a green carpet.[From this carpet grow up many nice pink flowers.Limestone screes.
- 177/PINGUICULA alpina-C-carnivorous plant with succulent yellow/green lvs.in ground rosette. From this rosette grows up flw,.stem to 15 cm tall with big white flower with 2 yellow eyes .
- 178/--- „ ---alpina ssp.sajanense-C-miniature lv.rosettes,green/red,flw.stem to 20 cm,no yellow eyes.
- 179/--- „ ---leptoceras-C-similar plant but flw.stem is lower,flower is violet with white eye.
- 180/POLYSTICHUM lonchitis-B-very nice bigger fern.Lvs.skinny,shiny and very teathy-to 60 cm.
- 181/POTENTILLA nitida-C- Leaves silver and hairy.It makes great low carpets with hundreds big pink flowers.I have two forms- A-white flws. B-pink flowers.
- 182/--- „ ---pusila-C-dwarf plants,to 5cm high.Lvs.deep green and hairy,bigger yellow flowers.
- 183/PHYTEUMA comosum-D-very known nice plants-deep green lvs.in rocky crevices.Flw.stem bear big violet/blue flowers.Pendulous plants-to 15 cm long stems.Limestone rocks.
- 184/--- „ ---gloabularifolium-C-ground lv.rosettes,flw.stems to 5 cm high with violet flowers.
- 185/--- „ ---hedraiantifolia-C-grasslike,narrow lvs to 10cm long,same long stems with blue flowers.
- 185a/--- „ ---hemisphaerica-C-miniature plants to 10 cm high.-Ground rosette of grasslike lvs. Flw.stems to 15 cm tall with big thin blue flowers.
- 186/--- „ ---sieberi-B-smaller plants,to 8 cm high,Stems to 12 cm with dark blue flowers.Soft hairy.
- 187/PHYLLODOCE caerulea-D-very nice miniature shrubs-cca 15 cm high,with needlelike lvs. On the top of branches many nice pink small bells. Attractive.
- 188/PIERIS japonica-B-dwarf shrubs-to 25 cm high.shiny and leathery lvs.Bigger white flowers.
- 189/PINUS cembra ssp.sibirica-B-typical siberian pine.Sturdy tree-to 25 m high,edible seeds.
- 190/POLYGALA hybrida ssp.sajanensis-D-to 20 cm high,pale green plants.On the top of stem cluster of many dark and light blue flowers.
- 191/POLYGONATUM sibiricum-B-to 80 cm high,pendulous plants.Bigger white flws-blue fruits.
- 192/PRIMULA auricula-B-leathery silver/green lvs.in ground rosette with white border. Yellow flowers on 15 cm high flw.stem.Limestone rock crevices .
- 193/--- „ ---auricula spec.-C-toothy leaves-may be hybrid between Pr.auricula and Pr.marginata
- 194/--- „ --- farinosa-C-small ground lv.rosettes,from down side white and hairy.Flw.stems to 15 cm tall with umbells of toothy pink/purple flws.with yellow eyes.
- 195/ --- „ --- daonensis-D-leathery pale green lvs.make a ground rosette.From the middle grow up flw.stem to 10 cm high with umbells of toothy pink flowers.
- 196/--- „ --- glutinosa-C-small,succulent deep green lvs,flw.stem to 8 cm high,violet flws.
- 197/--- „ --- hirsuta-C-next from family auricula-pale green ,toothy lvs.in ground rosette to 10 cm in diameter.Flw.stem to 10 cm high ,flowers pink with yellow eye.
- 198/--- „ --- halleri-C-similar to farinosa but bigger .Lvs toothy ,from down side silver- to 15 cm long.Flw.stem to 25cm high,few pink flws,with long flw.tube.
- 199/--- „ ---integrifolia-C-again from auricula section-miniature leathery,round lvs.make ground lv.rosette to diameter 5cm.Flw.stem to 5cm tall,few bright rose flowers

- 200/PRIMULA -latifolia-D-bigger plants,lvs.to 15 cm long,bordure very toothy.Flw.stems to 15 cm high,very rich umbells of big,pink/purple flowers.Under overhang of the rocks.
- 201/--- „ ---marginata-C-silver/green short hairy lv.rosettes to 3 cm across,flower stems to 5cm high with nice violet/pink flowers.Toothy leaves.
- 202/---„--- minima-C-miniature serrated lv.rosettes-to 3 cm in diameter.Flw.stems to 5 cm tall with one bigger,toothy flower-red/pink colour,some can be white.
- 203/--- „ ---nivalis-C-siberian spec.from group farinosa.Small,silver/green lvs with toothy rims. Flower stems to 20 cm high with 5-10 bigger pink/violet flowers.Semishadow and moist.
- 204/--- „ ---spectabilis-C-next from auricula section-bigger lv.rosettes of shiny,succulent lvs. Flw.stems to 12 cm tall bear a few bright pink flws.with yellow eyes.
- 205/---„---tyrolensis-D-miniature lv.rosettes to 3 cm in diameter,borders are soft serrated and crustate.Flw.stem to 5 cm tall with violet/pink flws.-creame eyes.
- 206/--- „ ---wulfeniana-D-ground rosette of shiny,leathery and deep green lvs.Flower stems to 15 cm high with a few bigger bright pink flowers.Mountain meadows.
- 207/PULSATILLA alpina ssp.austriaca-C-really robust plants to 40 cm high with very divided lvs. Flw.stem to 45 cm high with one giant creamy or white flower.
- 208/ --- „ --- alpina ssp.apiifolia-C-similar plant,red flw.stem with one big yellow flower.-
- 209/--- „ ---patens.ssp.flavescens-D-wonderful plants-big lvs.acer shape.Flower stems to 40 cm with big deep yellow flowers on the top.Germinate and grow very well.Sunny and sandy place.
- 210/--- „ ---turdaninowii-C-very fringed lvs-to 30 cm high,flw.stem to 40 cm high-blue flowers.
- 211/---„---hybrida-B-robust plants with great very divided flws of many colours!Very ornamental.
- 212/PYROLA grandis-B-from shadow.Ground,shiny,round lvs,flw.stem to 40 cm,deep pink flowers
- 213/--- „ --- minor-B-for shadow.Ground round lvs,flw.stems to 15 cm high with white flws.
- 215/--- „ ---rotundifolia-B-smaller,round lvs in ground rosette,flw.stems to 15 cm high-white flws.
- 216/-- „ --- uniflora-B-ground rosette of pale green lvs with red weins.Flw.stems to 20 cm high with bigger pure white flower.Semishadow.
- 217/RHODIOLA algida-B-to 40 cm high,narrower pale green toothy lvs.Deep yellow flowers.
- 218/--- „ --- pinnatifida-C-to 50 cm high plants,blue/green,toothy.Red flowers.Sunny places.
- 219/---„--- rosea-A-higher plants-till 40cm.Round succulent lvs.are blue/green,on the top of flw.stem many yellow flws,red seeds pods.Very important medicinal plant!!!!
- 220/RHODODENDRON aureum-C-evergreen shrubs to 100 cm high,dark green and shiny lvs. On the top of the branches big clusters of big yellow flowers.
- 221/--- „ ---dahuricum-B-evergreen shrubs to 200 cm high.Smaller shiny and dark green lvs. Flowers smaller bright pink/violet.Whole shrubs very nice smell!!
- 222/--- „ --- ferrugineum-C-miniature shrubs,to 80cm high only!Narrow,deep green leaves,evergreen.Bigger flowers are pink/red.
- 223/--- „ ---grandiflorum-C-deciduous azalea.To 150 cm high,smaller deep green lvs. Big yellow or orange flowers,fine smell.
- 224/--- „ --- hirsutum-C-very similar shrubs to ferrugineum but lvs are hairy,flowers more red
- 225/RANUNCULUS alpestris-C-dwarf plants,ground lv.rosettes of deep green and shiny lvs. Flw.stem to 15 cm tall bear bigger white flws.with yellow anthers. Shadow.
- 226/--- „ --- glacialis-C-succulent,deep green and divided lvs.Flws.stems to 10 cm high with big white or soft pink flowers.Outside red/violet.Semishadow,cold. .
- 227/---„---parnassifolius-C-dwarf plants,elliptical,leathery and shiny lvs.Flws.stem to 12 cm tall bears one giant white flower with many yellow anthers.
- 228/--- „ ---thora-C-from the ground grows up one grey/green toothy tough lv.to 25 cm high. From its base grows flw.stem with 2 cm big yellow flower.,
- 229/RHODOTHAMNUS chamaecytisus-C-small,woody shrubs-till 30 cm high with small deep green needlelike lvs.On the top many big pink flowers.Acid soil,semishadow
- 230/ROSA acicularis-B-cca 100 cm high shrub,thorny.Big white/pink flowers,long red berries.
- 231/--- „ ---arvensis-B-higher shrubs-to 200cm.very spiny,white flowers and very small red berries.
- 231a/--- „ ---glauca-B-sturdy shrub to 150 cm high.Deep green lvs.with red weins,flowers quite big Near the borders pink ,course to the center white. Nice smell.

- 232/ROSA rugosa-A-smaller shrubs-to 80 cm high only.Very wrinkled,deep green leaves,  
many great nice red/purple flowers with yellow anthers,big light red fruits.
- 233/SALIX arctica-B-creeping shrubs to 5 cm above the ground.Shiny lvs,red branches.
- 234/--- „ --- berberifolia-B-miniature plants.Small,very toothy shiny lvs.Nice red fruits.
- 235/SAPONARIA pumilio-D-plant makes nice, dense, small cushions of needlelike lvs,the tips  
are violet.From the cushions grow up bigger nice flowers,later big inflated fruits.!!
- 236/SAXIFRAGA androsacea-C-dwarf rosettes of succulent and toothy lvs till 4 cm in  
diameter.Flw.stems to 4 cm high bear bigger white flowers.
- 237/--- „ ---cesia-C-formerly counted among kabschia family-it makes small blue/green loaf  
in limestone crevices with flw.stems to 15 cm high with many bigger white flowers.
- 238/---„---aizoides-C-rosettes of succulent needlelike lvs.pale green colour-in diameter to 3 cm.  
Flw.stems to 20 cm tall ended by big yellow flowers.
- 239/--- „ ---bronchialis-B-small lv.rosettes to 15 mm across.Flower stem to 8 cm high,  
with bigger white flowers with red dots.Semishadow places.
- 240/--- „ ---bryoides-C-dwarf rosettes of sharp,blue/green lvs to diameter 15 mm.From them  
grow up flw.stems to 7 tall cm and bearing white flws.with yellow anthers.
- 241/---„--- crustata-C-silver saxifraga-small rosettes of folded and succulent lvs.on the margins  
with silver crustate dots.Flw.stem to 15cm high,many white flowers.
- 242/-- „ --- exarata ssp.moschata-C-dwarf,pulped,toothy,pale green ground lv.rosettes  
to 3 cm across,from the middle grows up flw.stem to 5 cm with bigger white flower.
- 243/--- „ ---hostii ssp.hostii-C-rosettes of succulent lvs.to 6 cm in diameter,margins of lvs.are  
silver crustate.Flw.stems to 40 cm tall with many small white flowers.
- 244/--- „ ---hostii ssp.rhaetica-C-lvs.rosettes from very narrow lvs-diameter of rosettes to 25 cm!  
Margins of lvs.silver crustate,flw.stems to 50 cm tall,white flws.with red dots!
- 245/--mutata ssp.demissa-C-similar to type but lvs are from down silver hairy,flws more orange.
- 246/---„--- oppositifolia-B-dwarf lv.rosettes on creeping stolons on the surface.Flw.stems  
5 cm high bear nice flowers from purple to violet colour!Very variable plants and flowers.
- 247/---„---paniculata-B-narrow,silver lvs.make ground lv.rosettes in diameter to 5 cm.  
From the middle grow up flw.stems to 30cm high with white or creme flowers..
- 248/---„--- squarrosa-C-species similar to Sax.caesia but lvs.more green and longer.
- 249/---- „ ----stellaris-C-ground lv.rosette to diameter 5 cm,denticulate margins all soft hairy.  
Flw.stem to 15 cm tall bears a few smaller white flowers.-
- 250/SAUSSUREA latifolia-B-sturdy plants,pale green, to 80 cm high.Many violet flowers.
- 251/--- „ ---leucophylla-B-narrow light green lvs.about 25 cm long.Flw.stem with 1 big violet flw.
- 252/--- „ ---squarrosa-C-ground lvs are silver hairy.Flw.stem to 25 cm high with violet flower.
- 253/SCABIOSA lucida-B-ground,very divided lvs,flw.stem to 25 cm high with big violet flw.
- 254/SEDUM anacampseros-B-lv.rosettes from nice round succulent lvs-yellow/red/green.  
Leafy flw.stem to 30 cm high bears violet flowers, later deep red seeds pods.Sunny slopes.
- 255/SEMPERVIVUM arachnoidea ssp.tomentosa-C-succulent,toothy lvs make small lv.rosettes,  
and these are completely covered by thin white fibre-like spider net!!Very ornamental.
- 256/--- „ ---montanum-B-pulped lv.rosettes are to 6 cm across,tips are deep red.Flower stem  
to 30 cm high with many red/purple flowers.Sunny and sandy places.
- 257/ --- „ --- wulfenii- C-succulent,green/blue lvs.in ground lv.rosette to diameter 6 cm.  
From the middle of lvs.grows up flw.stem to 20 cm with many yellow/green flowers.
- 258/SENECIO abrotanifolius-B-plants with pale green thready lvs.Flw.stems to 30cm-orange flws.
- 259/--- „ -- incanus ssp.carniolicus-B-plants make carpets of green,thready lvs.Flower stems  
to 20cm high with bigger deep yellow flowers.
- 260/--- „ --- incanus ssp.incanus-D-they make carpets of silver,hairy plants to 10 cm high only.  
From the carpet grow up many flw.stems to 12 cm high with bigger orange/yellow flowers.
- 261/--- „ --- vernalis-A-annual plants.Grey/green divided lvs,flower stem to 25cm high,yellow flws.



- 262/SILENE acaulis-B-small cushions made by sharp, pale green lvs.with red tips.Cushions are often covered by many stemless pink flowers
- 263/--- „--- dioica-B- stronger,deep green plants,to 50cm high with big pink/violet flowers.
- 264/---„--- elizabethae-D-ground rosettes of succulent,deep green lvs.Flower stems are to 30 cm tall and bear very nice formed big rose flowers.
- 265/--- „---chamarensis-B-ground lv.rosette of grasslike lvs,flw.stem to 20 cm,bigger white flws.
- 266/--- „---spec.-B-deep green lv.rosette-across 5 cm,flw.stem to 25 cm with toothy white flowers.
- 267/SOLDANELA alpina-C-for shadow places!Ground rosette of round ,deep green lvs.  
From this rosette grows up 15 cm tall flw.stem with nice,violet,frayed bell.Nice!
- 268/--- „---minima-D-miniature lvs.in ground lv.rosettes are deep green.Flw.stems are to 5-7 cm tall with very nice,white frayed bells.For shadow and acid positions.
- 269/---„---pusilla-D-similar but smaller then before spec.Flw.stems to 5 cm,flowers pink
- 270/SOLIDAGO virgaurea ssp.minuta-A-s plants to 50cm high,flw.stem with more yellow flowers
- 271/TEUCRIUM montanum-B- creeper with deep green lvs,white flowers with longer lips.
- 272/THLASPI rotundifolia-C-dwarf plants with succulent,deep green lvs.Fl.w.stem to 12 cm high with quite big pink flowers.Seed pods ornamental too.Limestone screes.
- 273/--- „---spec.MONDY-C-mini lv.rosettes,flw.stem to 20 cm with many white flowers.
- 274/TOFIELDIA calyculata-B-plant looks like mini Iris-to 10 cm high only.Flower stem bears many miniature yellow/green flowers.Shadow forest places.
- 275/--- „---coccinea-B-very similar plants but flowers are dark pink to violet.
- 276/TROLLIUS europaeus-B-robust plants to 60 cm high.Lvs.strong frayed.On the top of flw. stem one big /to 35 mm/ deep yellow flower. Damp meadows.
- 277/--- „---asiaticus-C-wonderful plants!It grows on damp mount.meadows.To 50 cm high, on the tops of stems are very big bright orange flowers often halfpolypetalous!
- 278/UMBILICUS spinosus-B-plants seems like sempervivum rosettes but flw.stems are solitaire with many yellow flowers,later with red seedpods.
- 279/VALERIANA supina-D-wonderfull alpine plant.Pale green ground lvs.make a wide carpets on limestone screes.Fl.w.stems to 8 cm tall bear clumps of bright pink flowers.
- 280/VACCINIUM vitis-idaea-B-dwarf woody shrubs to 25 cm high,evergreen.On the top of branches white bellslike flowers,later deep red,edible berries
- 281/VERATRUM lobelianum-B-sturdy higher plants-to 120cm high with many nice green flws..
- 282/ VERONICA aphylla -C-deep green coarsed lv.rosettes make a carpets on limestone screes.  
Flw.stems grow up to 8 cm and bear some deep blue flowers
- 283/--- „--- allionii-C-creeping plants make bigger carpets to 3 cm high.Flower stems to 7cm high with clumps of nice deep blue flowers.Very nice covering plants!
- 284/ --- „---alpina-B-pale green,hairy plants to 15 cm high,nice pale blue flowers.
- 285/--- „--- austriaca-B-small herb shrubs-to 20 cm high,dark green shiny lvs.Red/violet flws.
- 286/--- „---bellidifolia-C-ground rosette of bigger succulent hairy lvs. Flw.stem grows to 20 cm and bears umbell of bigger deep blue flowers.
- 287/ --- „---fruticulosa-C-it makes herbaceous small shrubs to 25 cm tall ,bright green lvs.  
On the top of shrub clumps of nice pink flws.with red weins and red eye.
- 288/VIOLA uniflora ssp.sibirica-C-sturdy plants,to 25 cm high,with big round lvs.Flower stem to 30 cm high with big yellow flowers,later with great seed pods.Semishadow.
- 289/--- „---variegata-miniature violas with little flws.but very nice lvs are with white weins.
- 290 SPECIES-C-undetermined GENUS- small plants with lvs like the deep green feather makes small ground rosettes-in diameter 4 cm,flw.stems to 5 cm.It grows in sand sediments of IRKUT river-Siberia/Mongolia borders.

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