## <uylyumo

くく quanuumpnipjuiu 2018 pluyumun


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##  ๆUくUもかもものに




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|  puh | fumusnipjuiu phцц (huq. uwnn) |  |
| :---: | :---: | :---: |
|  | punuputip | qunın位 |
| Iun2npuqunıju | 500-hg wulkh | 5-hg wulth |
| Iun2n | 250-500 | 3-5 |
| Uko | 100-250 | 1-3 |
| Uh2hu | 50-100 | 0.2-1 |
| Фnpn | $\begin{aligned} & 20-50 \\ & 10-20 \\ & \hline \end{aligned}$ | 0.05-0.2 <br> uhush 0.05 |





Unjniumul N 2

|  (huq. ưunn) |  (hu/hwq. úupn) |
| :---: | :---: |
| 500-hg wulkh | 40 |
| 250-500 | 25 |
| 100-250 | 20 |
| 50-100 | 15 |
| uhusl 50 | 10 |


 p્પhg' hu2ц

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| Uunnunujhiu qnunns unkumun |  pJniun (unnlunu) |  (hu/hwq. ưunn) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 500-hg wulbh | 250-500 | 100-250 | 50-100 | 20-50 | 10-20 | uhusl 10 |
| Fownu manumuliph qnunh | 25-hg pupăp | 240 | 200 | 165 | 125 | 105 | 70 | 55 |
|  | 20-25 utprunjuı | 190 | 160 | 130 | 100 | 85 | 55 | 45 |
|  | 15-20 utinunjuı | 160 | 135 | 110 | 85 | 70 | 50 | 40 |
|  | 10-15 ukipunju] | 110 | 90 | 75 | 55 | 50 | 30 | 25 |
|  | 5-10 untrunjuı | 80 | 60 | 45 | 35 | 30 | 20 | 15 |
|  | úhųl 5 utipunjur | 36 | 30 | 25 | 20 | 17 | 11 | 10 |
| Uwqunpuuцn wumunutiph qnunh | 25-hg punăn | 260 | 220 | 180 | 135 | 120 | 80 | 65 |
|  | 20-25 utprunjuı | 220 | 175 | 140 | 110 | 95 | 65 | 50 |
|  | 15-20 utipunjuı | 175 | 145 | 120 | 90 | 80 | 45 | 35 |
|  | 10-15 utipunjuı | 125 | 100 | 80 | 60 | 55 | 35 | 30 |
|  | 5-10 untrunju] | 85 | 65 | 50 | 40 | 35 | 25 | 20 |
|  | ưhusk 5 utprunjuı | 40 | 35 | 30 | 20 | 19 | 13 | 10 |
|  unuwumhtu h <br>  qnunh | 15-hg număn | 195 | 160 | 130 | 100 | 85 | 60 | 45 |
|  | 10-15 ukpunju] | 135 | 110 | 90 | 70 | 60 | 40 | 30 |
|  | 5-10 utpumju] | 90 | 70 | 55 | 45 | 35 | 25 | 20 |
|  | 3-5 utprunjuı | 55 | 40 | 30 | 25 | 20 | 14 | 11 |
|  | ưhusk 3 utipunjü | 30 | 25 | 20 | 16 | 14 | 9 | 7 |

 wununheun quanqugnt hưưurunq:






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| 〔unhuinnın oqunuqnnдर्umu <br>  unupuдputp |  (pun. u/uwn ) |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | ukd, lun2np lu jun2npuqqnıju punupulin | uhghu puqupuln | unpn puquputn | qлnıquluwu pumumưujntip |
| £unhmínip pumquųujnh huưun | 10 | 6-8 | $8(10)^{*}$ | 12 |
| Fumullh 2nяmun huưup | 6 | 6 | - | - |




 hurulunlynu 5 pun. u-hg ns wulth.






 unnún lumpn 5 wultugutil 10-20 unlununy.










Unjnıumu N 5



|  | Uhuduर्ưumljuw wighiniukiph phun (Uupn/hu) |
| :---: | :---: |
| Puqupujhu qpnumigh | 100 |
| Cumuquunh qnunnı qnnumjqh | 70 |
| Unnף2wnuuktiph qpnumjqh | 50 |
|  qnnumgqh, hhnnnınqhulqui uqunl) | 10 |
| Uunumulin | 1-3 |








| Qpnumjqnı untumun | Sunuidph puzfunıun (unnlnnu) |  |
| :---: | :---: | :---: |
|  | punăan hwámutuhnnıpjuiu <br>  punăp) | uhghu l guøø hwawuuthnipjuiu ఇhuppnu <br>  |
|  | 65-75 | 75-80 |
| Ownnınhutp l G Guumumunhutip | 10-15 | 8-12 |
| Cunpulyutn | 8-12 | 4-8 |
| Yunnıgguln | 5-7 | 2-4 |



























 numulụh qnunn luñưg:

## 母ПSOちU

















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 ưuuknh.
2) pumlı̨




 unuņu nй









 ălumunnnıún.








 Gubumuntuynnu tu'
 la umuhnurnuquu hwunnưutn.

















##  
















 plutup unபnnulumu.








 dun, nınkuh punăpupniu, nınkuh uuphuml, nınkuh uuphuml, ןwgnn, nınkup huquant,
































 juu, nulk










 pnush unபnnulque unntup:

##  

| Cujktiku | Lumhutiplu |
| :---: | :---: |
|  | Abelia floribunda Decne |
| Uınhghw ltupnnuujuiu | Aibizzia julibrissin Durazz. |
| Unuhwulhly utinăquuupumu | Halostachys caspica (Pall.) C.A. Mey. |
| Ununn п пupunueh | Rhus coriaria L. |
| Ununn prınuultun | Rhus aromatica Alt. |
| Ununn puluuruq, pugułumठun | Rhus typhina L. |
| Uưhjuuluhtp linnuuntiph | Amelanchier rotundifolia (Lam.) Dum.-Cours. |
| Uưţuubuhtip nпnpl | Amelanchier laevis Wiog. |
| Uưkjuufuhlin huulquunn | Amelanchier spicata (Lam.) C.Koch |
| Uúnp\$u (wuălh) prhujhu | Amorpha fruticosa L. |
| Uưn \$\$u (wuălh) hnınwiumunn | Amorpha paniculata Torr. et Gray. |
| Ujuиup puñăpupniu | Ailanthus altissima (Mill.) Swingle |
| Ujənınkuh | Salix caprea L. |
| Uuughnuly uuphnuly | Spiraea alba Du Roi |
| Uuuphnul L Luuhniunun | Spiraea vanhouttei (Briot) Zbl. |
| Uuughnuly untņumiqn | Spiraea crenata L. |
| Uumhnuly luprupununuuntipl | Spiraea Chamaedryfolia L. |
|  | Spiraea hypericifolia L. |
| Uumhpmil n pquiufuiu | Spiraea pyramidata Greene |
| Uuwhnnul Guunnumumu | Spiraea japonica L. |
| Unuyhw umugnınulyuu | Aralia manshurica Rurr. et Maxim. |
|  | Yucca aloifolia L. |
|  | Yucca filamentosa L. |
| Unưuluznizmu hhunumhtn | Yucca gloriosa L. |
| Unumulupnuh unytuumaqhuiufuu | Myricaria alopecucoides Schrenk |
| Unnukuh Cujuunnuuh | Sorbus hajastana Gabr. |
| Unnukuh hmuluquiu | Sorbus armeniaca Hedl. |
| Unnukuh uưnphe (dunuunuuăh) | Sorbus torminatis (L.) Cranz. |
| Unnukuh hniumluwu | Sorbus graeca (Spach) Hedl. |
| Unnukuh knlyulh | Sorbus dualis Zinserl. |
| Unnukuh ln Llquujuu $^{\text {a }}$ | Sorbus caucasica Zinserl. |
| Unnukik 4 Ynıqutign\h | Sorbus kuznetzovii Zinserl. |
| Unnukuh Uniqtinunh | Sorbus mougeottii Soy. et Gord |
| Unnukih un\nnulyuu | Sorbus aucuparia L. |
| Unnukuh umpulyulyuu | Sorbus persica Hedl. |
| Unnukuh úhquuljuw | Sorbus intermedia (Ehrh.) Pers. |
| Unnukuh pnıpptuunuijuiu | Sorbus turcestanica (Franch) Hedl. |
| Unnukuh ujuiuzmujuu | Sorbus tianschanica Rupr. |
| UnquinJultuh | Corylus colurna L. |
| Unılınıpu Gumunumbuu | Aucuba japonica Thunb. |
| fupluh unlnnulyuu | Cerasus vulgaris Mill. |
| Pulkuh mlthhip | Cerasus incana (Pall.) Spach. |


| Funtin Lnıluhnjuu | Hedera Colchica C.Koch |
| :---: | :---: |
| funtin unlnnulquiu | Hedera helix L. |
| funņ. hhuwdunlumuntipl | Populus balsamifera L. |
| funnh uuhhnuly | Populus alba L. |
| Fupnh Fnılith | Populus bolleana Lauche |
| funnh ưqquqnılumunnuuln | Populus trichocarpa Torr. et Gray |
| fupnh unpuqkin | Populus gracilis A. Grossh. |
|  | Populus deltoides Marsh. |
| fupnh tuhnuunjuu | Populus euphratica Oliver |
| funnh shumbuiu | Populus simonii Carr. |
| fupnh funznnuuntupl | Populus candicans Ait. |
| funnh quukukinkink | Populus laurifolia LDB. |
| fupnh p nqquăl | Populus pyramidalis Rozier |
| funnh ¢ănıumuuhhnuly | Populus nivea Willd. |
| fupnh ulv | Populus nigra L. |
| Fulqukiuh juunkumunkin | Frangulaan alnus Mill. |
| Enjuh uplikjuiu, пudh | Carpinus orientalis Mill. |
| Pnjuh पnlyuujuu | Carpinus caucasica A. Grossh. |
| Enpulumpnuh Cnptinh | Nitraria schoberi L. |
|  | Physocarpus amurensis Maxim. |
| E2unlywumunır quluhlyuuln | Physocarpus capitala (Pursh) Ktze. |
| Ezunluwuunnın pnushuuntupl | Physocarpus opulifolia (L.) Maxim. |
| $\mathrm{f}_{\text {2unlyumunnın unuulunumun }}$ | Physocarpus monogyna (Torr.) A. Nelson |
|  | Physocarpus intermedia (Rydb.) C.K. Schneid. |
| Pnush pnınul/tun | Viburnum odoratissimum Ker.-Gaml. |
| Enush luanmunkinl | Viburnum rhytidophyllum Hems 1. |
| Pnush ununpulyuu | Viburnum opulus L. |
| Pnugh un\nnulyuu uưnı | Viburnum opulus v.sterile DC. |
| Pnush lupuuluz | Viburnum suspensum Lindl. |
| Epniuunutiphu p prpju | Broussonetia papyrifera (L.) L. Herit. |
| fnıņilju \%-uyhnh | Buddleia davidi Franch. |
| fnırniluju hlippuuntipl | Buddleia alternifolia Maxim. |
| Enınıliju utnuhuulyuunn | Buddleia stenostachya Rehd. et Wils |
| Enitunnil tuplunniu | Gymnocladus dioicus (L.) C. Koch |
| Y.mq ukuq | Astragalus insidiosus Boriss. |
| Y.uq ujdunnnıp | Astragalus barba-caprina Theod. |
| Y.uq nnıntilumu | Astragalus jucundus Theod. |
| Y.uq umpumuhtgunn | Astragalus ferox Boriss. |
| 9l | Gleditschia triacanthos L. |
| Ytunumuñh Luqunuh | Chamaecyparis lawsoniana (Andr.) Parl. |
| qtinumunnah prıjuluuxu | Chamaecyparis thyoides B.S.P. |
| Ytuphuwuunh | Viburnum lantana L. |
| 9.hhh Uhnqhujuiu | Juniperus virginiana L. |
| 9.phh tiplpupuuntupl | Juniperus oblonga M.B. |
| 9.hhh q qumulzuiujui | Juniperus seravschanica Kom. |
| 9phh lyuqulyulumu | Juniperus sabina L. |
| 9.hhh shumumu | Juniperus chinensis L. |
| Y.hhh puquumumnnın | Juniperus polycarpos C. Koch |
| ¢.hhh guðдшш์ | Juniperus depressa Stev. |
| 9.hhp ununnulyuu | Juniperus communis L. |
| Yphh unupthunil (qupzzuhnu) | Juniperus foetidissima Willd. |
| q.hhh pnınpưtumumu | Juniperus rurcestanica C. Fedtsch. |


| ๆ.uqh\$nnum pupujhu | Dasiphora fruticosa (L.) Rydb. |
| :---: | :---: |
| ₹-uhhuh uquhl | Laurus nobilis L. |
| T-ưhukļtnwu pnidhz | Laurocerasus officinalis Roem. |
|  | Laurocerasus lusitanica (L.) Roem. |
|  | Daphne transcaucasica Pobed. |
| ๆ.wuhujul lynjunuunnumð | Daphne glomeruta Lam. |
| গ-ıŋătuh unynnuluwu | Persica vulgaris Mill. |
| ๆ-ujghw 2ptn | Deutzia gracilis Sieb. et Zucc |
| $\gamma_{\text {lujghu }}$ unnnnıpnn | Deutzia scabra Thunb. |
| ₹-duhly qumhnınjuu | Rhamnus dahurica Pall. |
| ₹.duhly umunumunnın | Rhamnus microcarpa Boiss. |
| ๆ.duhl Tumpuuh | Rhamnus pallasii Fisch. et Mey. |
| ๆ-Juhl unlnnulyuu | Rhamnus cathartica L. |
|  | Cotinus coggygria Scop. |
| Equmulnju pıhuyhu | Bupleurum fruticosum L. |
| Enplumuh uúnıpjuu („hqnıunnhwium uưnıpjuiu) | Syringa amurensis Rupr. (=Ligustrina amurensis Rupr.) |
| Enpluwh puulzu | Syringa velutina Kom. |
| Enpluwuh hniuqupulyuu | Syringa josikaea Jacg. |
| Ennlumuh Lndsh | Syringa wolfi C. K. Schneid. |
| Enpluwuh shumumu | Syringa chinensis Willd. |
| Enplumuh unynnwiquu | Syringa vulgaris L. |
| Enlhu (pupuumuh) updhnjuu | Abies numidica de Lannoy. |
| Enlhu humuinulque linllymujuu | Abies pinsapo Boiss. |
| Enlihu lnnlyuujuu | Abies nordmanniana (Stev.) Spach. |
| Eŋluhu (nupmumuh) unphnulyuu | Abies sibirica Ldb. |
| Equuh uhnhnuluwu | Picea obovata Ldb. |
| Enluh 5uqtipumuh | Picea engelmani Engelm. |
| Eqkup lknhluwunp wnowpuqqnıju | Picea pungens v. glauca Belssn. |
| Enluh luknhluwunn | Picea pungens Engim. |
| Equuh unynnulyuu | Picea abies Karst. |
| plykntuh ununpulyuiu | Mespilus germanica L. |
| E4qnjunnıu Uıpknın | Exochorda arbertii Rgt. |
| Enhnpnunḩu (qlyntiuh) Gmupnumumu | Eriobotrya japonica (Thunb.) Lindl. |
| Eylunúu plinhwonkinl | Eucommia ulmoides Oliv. |
| ¢ulnıqkuh unUnpruyuu | Juglans regia L. |
| ¢ulnıq4uh fưugnıpuluw | Juglans manshurica Ma[im. |
| @ulnnıtuh ule | Juglans nigra L. |
|  | Phellodendron amurense Rupr. |
|  | Phellodendron sachalinense (Fr. Schmidt) Sarg. |
| Otınh untinluwzun | Ulmus foliacea Gilib. |
|  | Ulmus pinnato-ramosa Dieck. |
|  | Ulmus pumila L. |
| Olinh luguiumhu | Ulmus suberosa Moench. |
| O-ınh Junpınıpnpr | Ulmus scabra Mill. |
| Otinh Shhupumukinh | Ulmus elliptica C. Koch |
| Otinh hunp | Ulmus laevis Pall. |
|  | Ulmus densa Letw. |
| Oqkup | Ficus carica L. |
| Optuh uuhhnul | Morus alba L. |
| Drphuh uuhunul, jugnn | Morus alba f. pendula Dipp. |
| Ofukuh पhnqhujuiu | Padus virgonoana (L.) Mill. |
| AJukuh Uumuh | Padus maackii (Rupr.) Kom. |


| Dfukuh úwhultipjui (pulkuh) | Padus mahaleb (L.) Borkh. |
| :---: | :---: |
| Afutuh un\nnulyuu | Padus racemona (Lam.) Gilib. |
| Prukuh mbiunhlumujuu | Padus pensylvanica (L.f.) Comb. niva |
| Djukuh nızuhuu | Padus serotina (Eh rh.) Agardh. |
| A.fulh hnuhunuăle | Acer palmatum Thunb. |
| DJulh hhnlumujuu | Acer hyrcanum Fisch. et Mey. |
| Djulh unmgulumu | Acer ibericum MB. |
| Djulh qutighly | Acer pictum Thunb. |
| Ofulh lumulh | Acer rubrum L. |
| Ofulh huuluwunn | Acer spicatum Lam. |
| Ajulh ltindunuhwuntinl, uuphnuly | Acer pseudoplantanus L. |
| əjulh fumpunitipl | Acer mono Maxim. |
| Ofulh unuunknl, jujumuntiph | Acer platanoides L. |
| Ofulh unuuntipl, quņuăl | Acer platanoides globosum (Nich.) Schwerin. |
| Ofulh qumznujhu | Acer campestre L. |
| DJulh 2upunujhi | Acer saccharum L. |
| Dfulh Ututkunuh | Acer semenovo Rgl. et Herd. |
| ajulh wnoupuqquju | Acer saccharinum L. |
| Ojulh puprunulyuu | Acer tataricum L. |
|  | Acer trautvetteri Medv. |
| Ajulh hugkuhwuntinh | Acer negundo L. |
| Onıju unlưunjuu | Thuja occidentalis L. |
| Onıjnuquhu Junuwnhunn | Thyjopsis dolobrata Sieb.et Zucc. |
| hntqhe puquuwurnın | Idesia polycarpa Maxim. |
| $h_{1}$ kuh kiniunuuln | Euonymus verrucosa Scop. |
| h_tup Pniugh | Euonymus bungeana Maxim. |
|  | Euonymus europaea L. |
|  | Euonymus latifolia Mill. |
| $h_{\text {b luh }}$ Gumunumlyuu | Euonymus japonica L.f. |
| hunhqn¢tipu dinumph | Indigofera gerardiana (Well.) Baker |
| Lupnınunư wumqghn-unkple, nuļ wiuăpl | Laburnum anagyroides Medic. |
| Luuuntuh uuphnul | Alnus incana (L.) Moench |
| Ltenumzuunt (Lqtinnu) ununnulyuu | Ephedra distachya L. |
|  | Ephedra procera F. et Mey. |
| Lhpuhnuufpup fukduunnı | Liquidambar styraciflua L. |
| Lhp丩hnuuupun \$nnưnqjuu | Liquidambar formosana Hance |
| Lnpkup linllumujuiu | Titia caucasica Rupr. |
| Lnptup funznpuintipl | Titia platifillos Scop. |
| Lnptiuh umunumenipl | Titia cordata Mill. |
| ¢funnף wưnıjuu | Vitis amurensis Rupr. |
|  | Vitis vinifera L. |
|  | Vitis sylvestris Gmel. |
| ¢umulunnupu gudr | Chamaerops humitis L. |
|  | Larix decidua Mill. |
| Iukduuhhбh uhnhnulumu | Larix sibirica Ldb. |
| 「utdunhh6¢ 6muniumumu | Larix leptolepis Gord. |
| Iutunuthat (uknlihgtup) Gmunnumumiu | Chaenomeles japonica (Thunb.) Lindl. |
| fuuănnkû huunwupunuyhu | Malus baccata (L.) Borkh. |
| fưuănptuh uphtyjuu | Malus orientalis Uglitzkich |
| łưănntup l lnıjunınulumu | Malus domestuca Borkh. |
|  | Malus manshurica (Maxim.) Kom. |
|  | Malus floribunda Sieb. |


| Funınư uphlijumu | Diospyros kaki L. f. |
| :---: | :---: |
| Iunınúu lynlywujuiu | Diospyros lotus L. |
| Futiunuthtu Uunılih | Chaenomeles maulei |
| Ounulundzuu lunnuintipl | Celastrus orbiculata Thunb. |
| Ohnuikul fumgnınuluiu | Armeniaca manshurica (Maxim.) Skvoriz. |
| Ohnuukuh ununnulyuu | Armeniaca vulgaris Lam. |
| Ohnuukuh uhphnwlyuu | Armeniaca sibirica (L.) Lam. |
| Onnkuh цuuumpuluiu | Berberis canadensis Mill. |
| Onpluh umunuuntinl | Berberis parvifolia Sprague |
| Onntuh unபnpulumu | Berberis vulgaris L. |
| Onnkuh Sniuptingh | Berberis thunbergii DC. |
| Onpluuh (4ঠnlunıp) Ч.ḩh | Berberis veitshii C.K. Schneid. |
| Onpluh unhtijuiu | Berberis orientalis C.K. Schneid. |
| Onntuh juunuzunhly | Berberis densiflora Boiss. et Bushe |
|  | Populus tremula L. |
| Yuņuh wnupujuiu | Quercus araxina (Trautv.) A.Grossh. |
| Yuņuh \nugulyui | Quercus iberica Stev. in Bteb. |
| Yunuh tinlumpulunpniu | Quercus longipes Stev. |
| Yunuh nulyqqniju | Quercus hypochrysa Stev. |
| Yunuh punti | Quercus ilex L. |
| Yuņuh 2 wquaumyuunkin | Quercus castaneifolia C.A. Mey. |
| чwnuh lumpuhn | Quercus rubra L. |
| Yunuh uplutyjuiu | Quercus macranthera Fisch. et Mey |
| Yuquh uruwnuyhu | Quercus robur L. |
| Yuņuh uरưunujhu, nnquăl | Quercus robur f. fastigiata (Lam.) Hartw. et Ruempl. |
| Yunuh úhnqhumuntinh | Quercus myrsinaefolia Blume. |
| Yuņh unngmuruuu | Quercus serrata Thunb. |
| Yuqnuh lugmumbhu | Quercus suber L. |
| Yuņuh ̧uwunuuપniu | Quercus glauca Thunb. |
| Yunuh duynujhu | Quercus petraea |
|  | Camellia sasanqua Thunb. |
|  | Campsis padicans (L.) Seem. |
| чшunuıupu un\nnulymu | Catalpa bignonioides Walt. |
| чшunuןupu oluy uintipl | Catalpa ovata G.Don. |
| чwnuqumum dunuluuxu | Caragana arborescens Bam. |
|  | Caragana grandiflora (MB) DC. |
| чwnuquium prhujhh | Caragana fruticosa (Pall.) Bess. |
| чwinhw utilum, ultymu | Carya pecan (Marsh.) Endl. et Graebn. |
| чupuniuu (uñzu) upmumunh | Tamarix araratica (Bunge) Gorschk. |
| чwnúnuu puqquwajnın | Tamarix ramosissima Ldb. |
| чupunuú nıpunt, | Tamarix octandra Bge. |
| Ywiunuiu <nhkumlkinh | Tamarix hohenackeri Bge. |
| Yupun wiu Ubjtinh | Tamarix meyeri Boiss. |
|  | Tamarix leptopetala Bunge |
| पmpunnuu pununt, | Tamarix tetrandra Pall. |
| 4k\|nkjuntiphw hnıpuiumunp | Koelreuteria paniculata Laxm. |
| पkuh hmunwuyunujhu | Taxus baccata L. |
| पkuumdun uplikjuw | Biota orientalis Endl. |
|  | Biota orientalis f. meldensis Mast. |
| पktuumdun unhtijumu, quņuăl | Biota orientalis f. decussata Mast. |
| 4tish kiniuquuln | Betula verrucosa Ehrh. |
| Ytish pnjpu | Betula papyrifera Marsh. |


| Ytesh pupis | Betula ermanii Cham. |
| :---: | :---: |
| 4tish shumlumu | Betula chinensis Maxim. |
| 4tish Lhunlhunuh | Betula litwinovii A. Doluch |
| Ytish pnıpptuunuujuiu | Betula turkestanica Litw. |
| Ytish ujumizmujuu | Betula tianschanica Rupr. |
| 4tish 6munnumumu | Betula japonica Steb. |
| Ytinuukuh uewhulknjuu | Cerasus mahaleb (L.) Mill. |
| Ytnuukiuh | Cerasus avium Moench. |
| पhuynnu uhujıniu | Ligustrum lucidum Ait. |
| чhuynnu o¢ulumuntin | Ligustrum ovalifolium Hassk. |
| पhuynnu ununnulquiu | Ligustrum vulgare L. |
|  | Ligustrum japonicum Thunb. |
| чənfunın wưnıpנuú | Berberis amurensis L. |
| чnhuynnultnhu Gumunumbuu | Criptomeria Japonica Don. |
| Unlnn2tuh tulnnupulumu | Grossularia rectinata (L.) Mill. |
| UnlnnzzKun 8hinnupuonh | Grossularia cynosbati (L.) Mill. |
| Yununlutuh lyunuhn | Sambucus racemosa L. |
| Yunulykuh Shqnuik | Sambucus tigrani N. Troitzky |
| Yununlikuh ul | Sambucus nigra L. |
| Ynıumbuernn huquuntiph | Parthenocissus quinquefolia (L.) Planch |
| Cuquqq ptipplipjuiu | Lycium barbarum L. |
| Cuquqq shumluwu | Lycium chinensis Mill. |
| Cuquaq prinputkumbuu | Lycium turcomanicum Turcz. |
| Cummpatuh wiuhnulyui | Ribes alpinum L. |
| Cunqung大uh Phplinquntjup | Ribes biebersteinii Berl. |
| Cunungtuh unlityuu | Ribes orientalis Desf. |
| Cunungtuh hnıqqnujuu | Ribes hudsonianum Richards. |
| Cunurgtuh nulju | Ribes aureum Putsh. |
|  | Ribes rubrum L. |
| Cummpthuh ule | Ribes nigrum L. |
| Curimptuh uplitijui | Fagus orientalis Lipsk. |
| Cuuufhl pupujhu | Jasminum fruticans L. |
| Cughuh muftnhlyulqui | Fraxinus americana L. |
| Cugktuh uuhnnuly | Fraxinus ornus L. |
| Cughtuh ǔununuăl (4uoumes) | Fraxinuslanceolata Borkh. |
| Cughtup ununpulyuu | Fraxinus excelsior L. |
| Cughtuh un\npmuquiu uhmuntiph | Fraxinus excelsior v. diversifolia (Alt.) Lingelsh. |
| Cugktuh unynnulywu jugnn | Fraxinus excelsior v. pendula Alt. |
| Cugkuh unuupunin | Fraxinus oxycarpa Willd. |
| Cughtuh whiunhlumujuu | Fraxinus pensylvanica March. |
| Cugkuh fuhuun ưqquqnıļu\n | Fraxinus holotricha Koehne |
| Cughtuh unqnhmumui | Fraxinus sogdiana Bge |
|  | Hibiscus syriacus L. |
|  | Hydrangea aspera Buch.- Cham. |
| Shnnuuqutim Junznnuuntipl | Hydrangea macrophylla (Thunb.) DC. |
| Cnuh | Cornus mas L. |
| 2hlulw pnjuhmunkph | Zelkowa carpinifolia (Pall.) Dipp. |
| 2hwlyuuly ununnulquu | Aesculus hippocastanum L. |
| 2hptuh tulnnumumu | Olea europaea L. |
| 2jniumupunhly uuphnul | Symphoracarpos albus (L.) Blake |
| 2jniumuınnhly uinnuyniu | Symphoracarpos orbicuditus Moench |
| Xuh6minnah unynnulyuu | Taxodium distichum (L.) Rich. |


| Xumbh uyhnnul | Cornus alba L． |
| :---: | :---: |
| Xumbh hunuyuyhu | Cornus australis C．A．Mey． |
| Xwul¢h wnimumpnupuuniu | Cornus sanguinea L． |
| Uuqun＿hw jun2nnwðunhlı | Magnolia grandiflora L． |
| Uwqunıhw Unıluudh | Magnolia soutangia Soul．－Bod． |
| Uuqunjhu knmpıruly | Magnolia tripetata L． |
| Uuqunnhu linpnu | Magnolia kobus DC． |
| Uuluınıpu umpuquqquju | Maclura aurantiaca Nutt． |
| Uumuhh wưnıpjuiu | Maackia amurensis Rupr．et Maxim． |
| Uwhnuhw unnugnn | Mahonia repens（Lindl．）G．Don |
| Uwhnuhu un丩nnwlyuu，unngtuumutiph | Mahonia aquifolium Nutt． |
| Uwhnuhw 6umunumumu | Mahonia japonika（Thumb．）DC． |
|  | Clematis vitalba L． |
| Uuưnhe wnlutyuiu | Clematis orientalis L． |
| Umupkuh unபnpwupuu | Rosa canina L． |
| Utipu mglinupulu（hhưwןujuu） | Melia azedarach L． |
|  | Metasequota gtiptostroboldes Hu et Ceng |
| Uwinh munjuuunjuu | Cedrus atlantica Manetti |
| Uwunh hhúwimjuu | Cedrus deodara Loud |
| Uuynh ihpuumbuiu | Cedrus libani Loud |
| Un2tuh unlnnulyuu | Rubus caesius L． |
| Un2tuh wiumunhhulyuiu | Rubus anatolicus Focke |
| Un2tiuh hhưupujuu | Picea morinda Link． |
| Unpư uqunulqulquu | Solanum parsicum Willd． |
| Unpú puingnuqunumulniu | Solanum dulcamara L． |
|  | Rhododendron caucasicum Pall． |
| Ununulump huņuluwu | Rhododendron indicum（L．）Sweet |
| Unınkuh un\npulyuu | Myrtus communts L． |
|  | Amygdalus spinosissima Bge |
| $\mathrm{G}_{2} \mathrm{tu}$ ¢ un丩nnulquiu | Amygdalus communis L． |
|  | Amygdalus nana L． |
| $v_{2}$ tuh Stugh | Amygdalus fenzliana（Fritsch）Lipsky |
| Un¢h uphqnujuu | Cupressus arizonica Greene |
| ঢnah uz unwnupun | Cupressus sempervirens L． |
| ঢn夭h funznpuuunnın | Cupressus macrocarpa Hartw． |
| tnah ןnıqhunulujuiu | Cupressus lusitanica Mill． |
| Gnutuh | Punica granatum L． |
| Cuquaumbikh unynnulumu | Castanea sativa Mill． |
| П｜nniumдun（uqupnıи）unдmpruqnıju | Halimodendron halodendron（Pall．）Voss． |
| Onquhıniu hniumumu | Periploca graeca L． |
| 2hşumú q̇duhlumuxuu | Hippophae rhamnoides L． |
| Qukuh humpniu | Cotoneaster lucida Schlecht |
| 2uktuh hnnhqnumumu | Cotoneaster horizontalis Dene |
|  | Cotoneaster racemiflora（Desf．）C．Koch |
| Qukuh ununnulywu（winpnףqukqn） | Cotoneaster integerrima Medic． |
| Qukuh dujnwjhu | Cotoneaster saxatillis A．Pojark． |
| 2ưkuh ulwuunnır | Cotoneaster melanocarpa Lood． |
| Tujpulhtuh hujlulyuu | Colutea armena Boiss．et Huet． |
| Tujpmultuh unhtijuiu | Colutea orientalis Mill． |
|  | Colutea arborespens L． |
| Tlujpulytuh Unuwnnपh | Colutea komarovii Takht． |


| Tujpulukuh lhhhlyhulqui | Colutea cilicica Boiss. et Bal. |
| :---: | :---: |
| Tuphıjul pupăр | Smilax excelsa L. |
|  | Parrotia persica C.A. Mey. |
| Tluumuhu nıu\nף | Pasania edulis Mak. |
|  | Paulownia tomentosa (Thunb.) |
| Thuunulutuh hulywumu | Pistacia vera L. |
| Thuonulfkuh prowinkh, Juulykuh | Pistacia mutica Fisch.et Mey |
|  | Podocarpus macrophyllus Don. |
| Tnughnnıu tinuuntipl | Poncirus trifoliata (L.) Raf. |
| Rnuqnukuh hkunpuunkipl | Staphylea pinnata L. |
| Onnhuhw lindoulyughw (whenghu umhunul) | Robinia pseudoacacia L. |
| กnphuhw lind umqughw, unupmumul | Robinia pseudoacacia f. bessoniana (Nichols.) Voss. |
|  | Robinia pseudoacacia f. umbraculifera (DC.) Rehd. |
| Onnhuhu ¢ | Robinia luxurians (Diecr) C.R. Schneld. |
| Uuxphuqnıu R-pnıununh | Sapindus drummondii Hook. et Arn. |
| Uuınnkikh linıunnınulyuu | Prunus domestica L. |
| Uuınpkuh ¢2wuln (umufukiun) | Prunus spinosa L. |
| Uupnptuh znlurd, ennıkuh | Prunus divaricata Leb. |
| Uumhunnıu ¢pnıununh | Sapindus drummondii Hook. et Arn. |
|  | Cydonia oblonga Mill. |
| Utipunju U2 Unuquerup | Sequola sempervirens Endl. |
|  | Sequoiadendron giganteum Lindl. |
| Uquh Ununınh | Crataegus arnoldiana Sarg. |
| Uquh mplitijuiu | Crataegus orientalis Pall. |
| Uquh R-nıqıuuh | Crataegus douglasii Lindl. |
| Uquh Jun2nnuuhnı2 | Crataegus macrocantha Lodd. |
|  | Crataegus oxyacantha f. spiendens C.K. Schneid. |
| Uqup Uupupunulhsh | Crataegus maximoviczii C.K. Schneid |
| Uquh hhuqumpumunumh | Crataegus pentagyna Waldst. et. Kit. |
| Uquh dnınunumbuunn | Crataegus kyrtostyla Fingerh. |
| Uquh Cnuhgh | Crataegus szovitsii A. Pojark |
| Uqua ul | Crataegus nigra Waldst. et Kit. |
| Unngkuh unynnulquiu | Llex aquifolium L. s. l. |
| Un木h Pumulup | Pinus banksiana Lamb. |
| Un木h Fniuqh | Pinus bungeana Zucc. |
|  | Pinus strobus L. |
| Un6̧h hhưupumu | Pinus excelsa Wall. |
| Un6h plunumghu | Pinus montana Mill. |
| Un6h rlinhu | Pinus ponderosa Dougl. |
| Un6h hunupulyuu | Pinus pinea L. |
| Un6h пnhujuwu | Pinus pallasiana Lamb. |
| Un6h unln | Pinus silvestris L. |
| Unah לnumuhuju | Pinus pinaster Sob. |
| Un6h uhgniuqumu | Pinus pithyusa Stev. |
|  | Pinus sosnowskyi Nakai (=P. hamata (Stev.) D. Sosn.) |
| Un6h ulu | Pinus nigra Arn. |
| Un6h hiqupjuiu | Pinus eldarica Medw. |
| Unuh mplitijuiu | Platanus orientalis L. |
| Unuh pJuhhmuntinl | Platanus acerifelia Willd. |
| Unppuphue wnnuwuntipl | Sorbaria sorbifolia (L.) A.Br. |
| Un\$nnu бumnumburu | Sophora japonica L. |
| Un\$nnu 6umnumbuu, [ugnn | Sophora japonica f. pendula Zbl. |


| Unh¢рwpu opmuй | Styrax obassia Sieb. es Zucc. |
| :---: | :---: |
| Unuqtuh urumuxnn | Philadelphus coronarius L. |
| Unuqkup linyluwumu | Philadelphus caucasicus Koehne |
| Unuquiuh Junznnuðunhly | Philadelphus grandiflorus Willd. |
| Ч.wpr n_nnwuufuu | Rosa pisiformis (Christ) D. Sosn. |
| ப.wnף numnınjuu | Rosa davurica Pall. |
| L.wnn lnpjuqhup | Rosa karjahinii D. Sosn. |
| Ч.unף પ¢wఝnıl | Rosamollis Smith. |
|  | Rosa micrantha Smith. |
| Ч.wņ wnuunuunnı2 | Rosa spinosissima L. |
| ப.wņ もhquun | Rosa nisami D.Sosn. |
|  | Rosa prilipcoana D. Sosn. |
| L.upn fonnuph | Rosa roopae Lonacz. |
| L.wņ Unuunyulyn | Rosa sosnovskyana Tamam. |
| Ч.wņ पuhwuwlhn | Rosa corymbifera Borkh. |
|  | Weigela floribunda (Sieb. et Zucc.) C.Koch |
| Ч.huluw guðpwhwuml | Vinca ininor L. |
| U.huntinhu prumghu | Wisteria frutescens (L.) Poir. |
| प.huuntinhu shumlumu | Wisteria sinensis (Sims.) Sweet. |
| Sumâkup nınuuntıpl | Pyrus salicifolia Pall. |
| Smuâkuh linlywujuu | Pyrus caucasica Fed. |
| Suuăkup unપnpulquu | Pyrus communis L. |
| Sumuatuh uhnhwlquiu | Pyrus syriaca Boiss. |
| Sumâkuh ununjuh | Pyrus taochia Woron. |
| Smuăkuh nıunırulquu | Pyrus ussuriensis Maxim. |
| Supunņnıu lukuhwuntinh | Taxodium distichum (L.) Roem. |
| Stupuuunptuरhu qıluməounhl | Ternstroemia gymnanthera (Wight. et Arn.) Sprague |
| Slupul | Corylus avellana L. |
| Snuwiu puphunjui | Buxus balearica Lam. |
| Snumbu uzumqupun | Buxus sempervirens L. |
| Snumbu lnjluhnjuiu | Buxus colchica Pojark. |
| Snuwiu umunuenkipl | Buxus microphalla Sieb. et Zucc. |
| Snu\|uhlıupunıu puņăр | Trachicarus excelsa H. Wendl. |
| Sniuqh dun | Aleuritis fordii Hemst. |
| 8upumbtnwu wiphulpui | Lonicera alpigena L. |
| 8upumlitnuu pnıpuytion | Lonicera fragrantissima Lindl. et Paxt. |
|  | Lonicera iberica M.B. |
| Subumbtinuu lnylywujui | Lonicera caucasica Pall. |
|  | Lonicera canadensis Marsh. |
|  | Lonicera caprifolium L. |
| 8w\|umblinuu Uwulhh | Lonicera maackii Maxim. |
| 8upumbtnux unynnuyux | Lonicera tatarica L. |
| Supumbtenuu pupupulyuu | Lonicera xylosteum L. |
| Supumlybnuu unnulquajuiu | Lonicera etrusca L. |
| Smbultinuu бumnumbuiu | Lonicera japonica Thunb. |
| Suph | Paliurus spina-christi Mill. |
| 8unghu kulpnumumu | Cercis siliquastrum L. |
| 8tinghu पuxumpulumu | Cercis canadensis L. |
| 8k\$uınunupunıu \$nn¢nıup | Cephalotaxus fortunei Hook. |
| nıumph unynnulywu | Zizyphus jujuba Mill. |
| nınkup uuphnul | Salix alba L. |


| nınkuh uuphnulu, jugnn | Salix alba v. pendula hort. |
| :---: | :---: |
| nınkuh punhănupniu | Salix excelsa Gmelin Roise |
| nınkuh tiqhupunulquu | Salix aegyptiaca L. |
| nınkuh quufpgnnh | Salix viminalis L. |
| nınkuh uztumuntipl | Salix amygdaioides Auderss. |
| nınkuh unuuntipl | Salix acutifolia Wild. |
| nınkuh pnunpuqquju | Salix purpurea L. |
| nınkuh huquant? | Salix pentandroides A.Skvoriz. |
|  | Atraphaxis pyrifolia Bge. |
|  | Elaeagnus pungens Thunb. |
| Ф2muntuh undupauqnıju | Elaeagnus argenta Pursh. |
| $\Phi_{2}$ munkuh uknuunkpl | Elaeagnus angustifolia L. |
| Фnzuh úknh | Celtis glabrata Stev. |
| Фnzuh upluunjuu | Celtis ocidentalis |
| Фnzuh lynlymujuu | Celtis caucasica Willd. |
| Фnzuh hunuuluyhu | Celtis australis L. |
|  | Liriodendron tulipifera L. |
|  | Genista germanica L. |
| Onn6 humbumumu | Spartium junceum L. |
| Ouरuuupniu hnunuythen | Osmanthus fragrans (Thunb.) Lour. |
| Oưuwipniu unupuuntiple | Osmanthus heterophylus (G.Don) P.S. Green |
|  | Phyllostachys bambusoides Sleb. et Zucc. |
| Shullentju uln uuntipl | Phillyrea angustifolia L. |
|  | Forsythia ovata Nakai |
| \$nnuighw úhquilyjul | Forsythia intermedia Zab. |



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