

Supplemental online material

Table 1. Data used for analysis. Phyl. – phylogenetic assignment (1 – Basal land plants, 2 – Zosterophyll and Lycophyte, 3 – Ferns and Horsetails, 4 – Lignophytes (non-angiosperms), 5 – Angiosperms. Where pore radius was not measured directly, it was estimated following Franks, P.J., Beerling, D.J. (cit. 3) where it was assumed to be 1/6 of stomatal apparatus length.

Species	Age, Myr	Phyl.	Pore radius [m]	Pore area [m <sup>2</sup> ]	Pore density	Source
<i>Aglaophyton major</i>	395	1	1.75E-05	9.61625E-10	4.30E+06	3
<i>Sawdonia ornata</i>	395	2	6.40E-06	1.28742E-10	4.30E+06	3
<i>Horneophyton lignieri</i>	395	1	5.50E-06	9.4985E-11	3.00E+06	3
<i>Aglayophyton major</i>	395	1	1.50E-05	7.065E-10	1.00E+06	3
<i>Rhynia gwynne-vaughanii</i>	395	1	1.73E-05	9.42557E-10	1.80E+06	3
<i>Nothia aphylla</i>	395	1	1.50E-05	7.065E-10	5.50E+06	3
<i>Asteroxylon mackiei</i>	395	2	1.10E-05	3.7994E-10	2.10E+07	3
<i>Drepanophycus spinaeformis</i>	395	2	0.80E-05	2.0096E-10	1.66E+07	3
<i>Sporathylacium salopense</i>	395	1	0.50E-05	7.85E-11	4.20E+07	3
<i>Sporoginites exuberans</i>	395	1	9.35E-06	2.7445E-10	1.10E+07	3
<i>Hsua robusta</i>	395	1	1.50E-05	7.065E-10	5.00E+06	3
<i>Baragwanathia abilitiensis</i>	390	2	0.33E-05	3.41946E-11	2.80E+07	5
<i>Drepanophycus spinaeformis</i>	390	2	0.80E-05	2.0096E-10	1.30E+07	3
<i>Archaeopteris macilenta</i>	385	4	0.75E-05	1.76625E-10	3.20E+07	3
<i>Archaeopteris macilenta</i>	385	4	0.75E-05	1.76625E-10	3.70E+07	3
<i>Swillingtonia denticulata</i>	310	4	0.60E-05	1.1304E-10	1.33E+08	3
<i>Blanziopteris praedentata</i>	305	4	0.75E-05	1.76625E-10	3.10E+08	3
<i>Reticulopteris germarii</i>	305	4	3.25E-06	3.32667E-11	3.00E+08	3
<i>Neuropteris obliqua</i>	305	4	3.25E-06	3.32667E-11	1.13E+08	3
<i>Laveineopteris loshii</i>	305	4	0.75E-05	1.76625E-10	3.25E+08	3
<i>Neuraethopteris schlehanii</i>	305	4	3.56E-06	3.992E-11	3.00E+08	3
<i>Neuropteris loshii</i>	305	4	2.69E-06	2.28431E-11	2.00E+08	3
<i>Neuropteris tenuifolia</i>	305	4	2.69E-06	2.28431E-11	3.00E+08	3
<i>Neuropteris rarinervi</i>	305	4	3.25E-06	3.32667E-11	1.40E+08	3
<i>Neuropteris ovata var. simonii</i>	305	4	3.25E-06	3.32667E-11	9.00E+07	3
<i>Neuropteris ovata var. sarana</i>	305	4	3.56E-06	3.992E-11	2.80E+07	3
<i>Neuropteris aconiensis</i>	305	4	2.06E-06	1.33067E-11	5.00E+07	3
<i>Neuropteris flexuosa</i>	305	4	2.97E-06	2.77223E-11	1.20E+08	3
<i>Neuropteris scheuchzeri</i>	305	4	2.66E-06	2.21778E-11	9.00E+07	3
<i>Neuropteris macrophylla</i>	305	4	2.66E-06	2.21778E-11	6.50E+07	3
<i>Neuropteris britannica</i>	305	4	2.70E-06	2.28431E-11	1.30E+08	3
<i>Neuropteris subariculata</i>	305	4	3.24E-06	3.2934E-11	9.10E+07	3
<i>Neuropteris sp. 1</i>	305	4	3.78E-06	4.47992E-11	1.80E+08	3
<i>Neuropteris sp. 2</i>	305	4	2.70E-06	2.28431E-11	1.80E+08	3

<i>Alethopteris sullivanti</i>	305	4	4.98E-06	7.78441E-11	4.72E+08	3
<i>Alethopteris lesquereuxi</i>	305	4	4.66E-06	6.83076E-11	2.50E+08	3
<i>Lepidodendron obovatum</i>	305	2	7.46E-06	1.7465E-10	2.00E+08	3
<i>Lepidodendron dichotomum</i>	305	2	5.94E-06	1.10889E-10	4.50E+08	3
<i>Lepidodendron loricatum</i>	305	2	6.30E-06	1.2475E-10	2.00E+08	3
<i>Senftenbergia plumosa</i>	305	3	2.66E-06	2.21778E-11	2.00E+08	3
<i>Laveinopteris tenuifolia</i>	305	4	3.99E-06	4.99001E-11	3.70E+08	3
<i>Cordaites principalis morph. 1</i>	305	4	1.92E-06	1.15325E-11	5.60E+08	3
<i>Cordaites principalis morph. 2</i>	305	4	4.24E-06	5.65534E-11	1.04E+08	3
<i>Cordaites principalis morph. 3</i>	305	4	2.76E-06	2.3952E-11	1.50E+08	3
<i>Cordaites principalis morph. 4</i>	305	4	4.37E-06	5.98801E-11	2.04E+08	3
<i>Neopteris ovata</i>	305	4	2.30E-06	1.66334E-11	3.43E+08	3
<i>Lescuropteris genuina</i>	305	4	3.76E-06	4.43556E-11	9.10E+07	3
<i>Schopfiastrum decussatum</i>	305	4	3.87E-06	4.71278E-11	2.80E+07	3
<i>Karinopteris spp.</i>	300	4	5.11E-06	8.21525E-11	3.80E+07	5
<i>Lebachia frondosa</i>	288	4	2.64E-06	2.18845E-11	3.09E+08	5
<i>Sphenophyllum apiciserratum</i>	270	3	5.64E-06	9.98001E-11	3.80E+07	3
<i>Sphenophyllum kaboense</i>	270	3	5.45E-06	9.31468E-11	3.40E+07	3
<i>Gigantonoclea guizhouensis</i>	270	4	9.45E-06	2.80549E-10	7.00E+07	3
<i>Gigantonoclea pubescens</i>	260	4	3.99E-06	4.99001E-11	1.84E+08	3
<i>"Callipteris" changii</i>	250	4	2.48E-06	1.92345E-11	3.84E+08	5
<i>Gigantonoclea guizhouensis</i>	220	4	2.48E-06	1.92345E-11	7.00E+07	5
<i>Williamsonia nizhonia</i>	220	4	2.97E-06	2.76976E-11	1.50E+07	5
<i>Glossophyllum florinii</i>	200	4	1.05E-05	3.45974E-10	4.80E+07	3
<i>Pagiophyllum papillatus</i>	200	4	1.26E-05	5.00109E-10	1.11E+08	3
<i>Brachyphyllum comancheanum</i>	200	4	5.64E-06	9.98001E-11	6.30E+07	3
<i>Eoginkgoites davidsonii</i>	200	4	5.64E-06	9.98001E-11	3.00E+07	3
<i>Aricycas paulae</i>	200	4	1.13E-05	3.992E-10	6.00E+07	3
<i>Cladophlebis yazzia</i>	200	3	6.77E-06	1.43712E-10	2.00E+07	3
<i>Nilsonia sturii</i>	200	4	5.12E-06	8.21687E-11	1.00E+08	3
<i>Nilsonia lunzensis</i>	200	4	7.37E-06	1.70769E-10	4.20E+07	3
<i>Nilsonia neuberi</i>	200	4	5.78E-06	1.0479E-10	1.17E+08	3
<i>Sphenobaiera huangii</i>	190	4	6.55E-06	1.34841E-10	4.80E+07	3
<i>Czekanowskia microphylla</i>	175	4	8.58E-06	2.31155E-10	5.00E+07	5
<i>Brachyphyllum negevensis</i>	170	4	2.28E-06	1.628E-11	4.00E+07	5
<i>Brachyphyllum pulher</i>	170	4	4.95E-06	7.69379E-11	5.00E+07	5
<i>Pagiophyllum peregrinum</i>	168	4	3.88E-06	4.72099E-11	1.09E+08	5
<i>Czekanowskia turneri</i>	150	4	1.11E-05	3.88112E-10	2.40E+07	3
<i>Czekanowskia nipponica</i>	150	4	9.10E-06	3.88112E-10	3.20E+07	5
<i>Otozamites ornatus</i>	140	4	9.68E-06	2.94078E-10	6.90E+07	3
<i>Pseudofrenelopsis dalatzensis</i>	140	4	1.59E-05	7.90084E-10	7.20E+07	3

<i>Pseudofrenelopsis heishanensis</i>	140	4	1.88E-05	1.10889E-09	6.10E+07	3
<i>Pseudofrenelopsis papillosa</i>	140	4	1.43E-05	6.46372E-10	5.50E+07	3
<i>Pseudoctenus ornata</i>	140	4	1.88E-05	1.10889E-09	1.40E+07	3
<i>Sagenopteris inequilateralis</i>	140	4	6.62E-06	1.37724E-10	4.00E+07	3
<i>Frenoelopsis varians</i>	140	4	6.30E-06	1.24627E-10	3.10E+07	5
<i>Glenrosa lexensis</i>	130	4	1.19E-05	4.44655E-10	4.80E+07	5
<i>Glenrosa pagiophylloides</i>	130	4	4.90 E-06	7.53914E-11	2.80E+07	5
<i>Araucaria grandifolia</i>	105	4	7.04E-06	1.55688E-10	4.00E+07	3
<i>Araucaria seorsum</i>	105	4	1.29E-05	5.21178E-10	2.80E+07	3
<i>Araucaria lanceolatus</i>	105	4	1.16E-05	4.21378E-10	3.20E+07	3
<i>Araucaria acutifoliatius</i>	105	4	1.09E-05	3.71478E-10	4.20E+07	3
<i>Araucaria falcatus</i>	105	4	7.70E-06	1.86294E-10	6.70E+07	3
<i>Araucaria carinatus</i>	105	4	1.24E-05	4.85139E-10	1.10E+08	3
<i>Pseudofrenelopsis nathorstiana</i>	100	4	1.26E-05	5.01773E-10	1.15E+08	3
<i>Pseudofrenelopsis parceramosa</i>	100	4	1.50E-05	7.0969E-10	4.20E+07	3
<i>Watsoniocladius virginianensis</i>	100	4	1.35E-05	5.76623E-10	4.60E+07	3
<i>Frenelopsis hogeneggeri</i>	95	4	1.31E-05	5.43356E-10	1.00E+08	3
<i>Frenelopsis kanevianensis</i>	95	4	9.40E-06	2.77223E-10	3.00E+07	3
<i>Frenelopsis veneta</i>	95	4	1.69E-05	8.98201E-10	9.00E+07	3
<i>Brachyphyllum patens</i>	95	4	1.78E-05	9.98001E-10	5.70E+07	3
<i>Pandanites trinervis</i>	80	5	2.97E-06	2.77223E-11	1.44E+08	3
<i>Decussocarpus brownei</i>	50	4	4.44E-06	6.18761E-11	1.16E+08	3
<i>Falcatifolium australis</i>	50	4	6.18E-06	1.1976E-10	1.58E+08	3
<i>Dacrycarpus eocinica</i>	50	4	5.86E-06	1.07784E-10	2.52E+08	3
<i>Prumnopitys tasmanica</i>	50	4	6.25E-06	1.22754E-10	1.78E+08	3
<i>Prumnopitys lanceolata</i>	50	4	4.59E-06	6.63116E-11	2.00E+08	3
<i>Cinnamomum wonnacotti</i>	50	5	3.85 E-06	4.65427E-11	3.21E+08	5
<i>Lusaticutis legulata</i>	50	5	1.94E-06	1.18482E-11	4.87E+08	5
<i>Claibonicutis undulata</i>	50	5	1.87E-06	1.10096E-11	3.75E+08	5
<i>Piliparicutis obtusifolia</i>	50	5	1.94E-06	1.18482E-11	2.98E+08	5
<i>Piliparicutis claibornensis</i>	50	5	2.90 E-06	2.64985E-11	2.65E+08	5
<i>Discrepoparicutis elongata</i>	50	5	2.41 E-06	1.83132E-11	2.47E+08	5
<i>Saxonicutis aligerata</i>	50	5	2.91 E-06	2.64985E-11	2.64E+08	5
<i>Saxonicutis eacenia</i>	50	5	1.94E-06	1.18482E-11	2.81E+08	5
<i>Ocotea obtusifolia</i>	45	5	4.66E-06	6.83076E-11	3.64E+08	3
<i>Knightia excelsa</i>	45	5	4.66E-06	6.83076E-11	5.96E+08	3
<i>Sequoia chinensis</i>	45	4	1.17E-05	4.31136E-10	6.00E+07	3
<i>Sequoia sempervirens</i>	15	4	1.06E-05	3.50631E-10	8.50E+07	3
<i>Abies normanniana</i>	0	4	6.96E-06	1.5214E-10	1.10E+08	3
<i>Cedrus deodara</i>	0	4	6.45E-06	1.30627E-10	8.50E+07	3
<i>Pinus sylvestris</i>	0	4	5.26E-06	8.6937E-11	1.20E+08	3

<i>Picea pungens</i>	0	4	8.82E-06	2.4451E-10	3.90E+07	3
<i>Larix decidua</i>	0	4	6.21E-06	1.21091E-10	1.60E+07	3
<i>Araucaria arucana</i>	0	4	5.25 E-06	8.65463E-11	6.50E+07	1
<i>Nothofagus cunninghamii</i>	0	5	3.06E-06	2.94498E-11	5.00E+08	1
<i>Metasequoia glyptostroboides</i>	0	4	5.95 E-06	1.11164E-10	1.60E+08	1
<i>Taxodium distichum</i>	0	4	4.72 E-06	7.01025E-11	1.55E+08	1
<i>Sequoia sempervirens</i>	0	4	7.18 E-06	1.61649E-10	8.50E+07	1
<i>Lygodium circinatum</i>	0	3	1.30E-05	5.35783E-10	7.96E+07	L
<i>Nephrolepis exaltata</i>	0	3	1.52E-05	7.26316E-10	3.88E+07	L
<i>Adiantum raddianum</i>	0	3	1.24E-05	4.87449E-10	6.94E+07	L
<i>Stenochlana tenuifolia</i>	0	3	1.32E-05	5.50576E-10	1.20E+08	L
<i>Pyrrosia lingua</i>	0	3	1.65E-05	8.57478E-10	6.94E+07	L
<i>Davallia fejeensis</i>	0	3	1.77 E-05	9.86066E-10	4.49E+07	L
<i>Campyloneurum phyllitidis</i>	0	3	1.84E-05	1.06411E-09	3.47E+07	L
<i>Marsilea sp</i>	0	3	9.80E-06	3.01584E-10	1.73E+08	L
<i>Psilotum nudum</i>	0	3	2.56E-05	2.05364E-09	4.90E+07	L
<i>Osmunda regalis</i>	0	3	8.67E-06	2.35972E-10	6.70E+07	3
<i>Phyllitis scolopendrium</i>	0	3	1.07E-05	3.58615E-10	5.90E+07	3
<i>Pteridium aquilinum</i>	0	3	6.74E-06	1.42825E-10	8.50E+07	3
<i>Gnetum gnemon</i>	0	4	5.40E-06	9.16483E-11	2.37E+08	L
<i>Zamia floridiana</i>	0	4	4.17E-06	5.45139E-11	6.53E+07	L
<i>Cycas revoluta</i>	0	4	8.33E-06	2.18103E-10	6.94E+07	L
<i>Ginkgo biloba</i>	0	4	8.26E-06	2.14171E-10	8.16E+07	L
<i>Larix x eurolepis</i>	0	4	8.48E-06	2.25955E-10	9.93E+07	L
<i>Pinus Strobus</i>	0	4	9.79E-06	3.01082E-10	8.34E+07	L
<i>Metasequoia glyptostroboides</i>	0	4	7.72E-06	1.8722E-10	5.10E+07	L
<i>Taxus baccata</i>	0	4	8.52E-06	2.28121E-10	3.06E+08	L
<i>Thuja occidentalis</i>	0	4	5.98E-06	1.12501E-10	3.52E+08	L
<i>Angiopteris evecta</i>	0	3	1.02E-05	3.24554E-10	7.60E+07	8
<i>Botrychium virginianum</i>	0	3	1.08E-05	3.68514E-10	4.80E+07	8
<i>Helminthostachys xeylanica</i>	0	3	8.33E-06	2.18056E-10	5.00E+07	8
<i>Ophioglossum fibrosum</i>	0	3	1.05 E-05	3.46185E-10	4.70E+07	8
<i>Ophioglossum gramineum</i>	0	3	1.03333E-05	3.35282E-10	6.00E+07	8
<i>Ophioglossum nudicaule</i>	0	3	1.56667E-05	7.70696E-10	4.50E+07	8
<i>Ophioglossum reticulatum</i>	0	3	1.46667E-05	6.75449E-10	2.20E+07	8
<i>Cycas revoluta</i>	0	4	0.0000152	7.25466E-10	5.20E+07	7
<i>Dioon merolae</i>	0	4	0.0000082	2.11134E-10	6.40E+07	7
<i>Lepidozamia hopei</i>	0	4	0.0000205	1.31959E-09	3.10E+07	7
<i>Lepidozamia peroffskyana</i>	0	4	0.000014	6.1544E-10	3.40E+07	7
<i>Macrozamia miquelii</i>	0	4	0.000014	6.1544E-10	6.30E+07	7
<i>Zamia integrifolia</i>	0	4	0.000011	3.7994E-10	7.30E+07	7

<i>Dioon edule</i>	0	4	1.19536E-05	4.49E-10	2.21E+08	6
<i>Dioon purpusii</i>	0	4	8.76385E-06	2.41E-10	1.24E+08	6
<i>Dioon angustifolium</i>	0	4	9.19466E-06	2.65E-10	2.19E+08	6
<i>Dioon holmgrenii</i>	0	4	1.15914E-05	4.22E-10	1.09E+08	6
<i>Dioon califanoi</i>	0	4	1.29768E-05	5.29E-10	1.10E+08	6
<i>Dioon tomasellii</i>	0	4	1.13826E-05	4.07E-10	1.85E+08	6
<i>Dioon rzedowskii</i>	0	4	7.18211E-06	1.62E-10	1.34E+08	6
<i>Selaginella emmeliana</i>	0	2	2.55833E-05	2.05515E-09	8.75E+06	9
<i>Selaginella ludoviciana</i>	0	2	0.000012	4.5216E-10	7.86E+07	10
<i>Selaginella apoda</i>	0	2	0.0000085	2.26865E-10	8.49E+07	10
<i>Lycopodium japonicum</i>	0	2	0.0000095	2.83385E-10	8.89E+07	11
<i>Psilotum nodum</i>	0	3	1.74989E-05	9.61506E-10	2.21E+07	12
<i>Tmesipteris tannensis</i>	0	3	1.64591E-05	8.5063E-10	2.21E+07	12
<i>Lycopodium setaceum</i>	0	2	1.16793E-05	4.28311E-10	2.95E+07	12
<i>Phylloglossum drummondii</i>	0	2	1.66818E-05	8.7381E-10	2.21E+07	12
<i>Selaginella chrysochaetos</i>	0	2	4.59675E-06	6.63485E-11	1.84E+08	12
<i>Isoetes coromandelina</i>	0	2	8.60733E-06	2.32631E-10	5.16E+07	12
<i>Angiopteris evecta</i>	0	3	8.2155E-06	2.11933E-10	1.11E+08	12
<i>Marattia attenuata</i>	0	3	1.58278E-05	7.86625E-10	2.21E+07	12
<i>Danea elliptica</i>	0	3	0.00001061	3.53476E-10	6.64E+07	12
<i>Equisetum arvense</i>	0	3	1.02987E-05	3.33036E-10	5.90E+07	12
<i>Equisetum ramosissimum</i>	0	3	0.000017415	9.52306E-10	4.43E+07	12
<i>Botrychium lanuginosum</i>	0	3	0.000014031	6.18169E-10	3.69E+07	12
<i>Helminthostachys zeylonica</i>	0	3	0.000010406	3.40014E-10	4.43E+07	12
<i>Ophioglossum petiolatum</i>	0	3	0.000014243	6.3699E-10	2.95E+07	12
<i>Osmunda lancea</i>	0	3	1.10842E-05	3.85776E-10	5.90E+07	12
<i>Schizaea digitata</i>	0	3	1.14739E-05	4.13383E-10	2.95E+07	12
<i>Lygodium circinatum</i>	0	3	8.59533E-06	2.31982E-10	6.64E+07	12
<i>Antrophyum coriaceum</i>	0	3	2.20654E-05	1.52881E-09	1.48E+07	12
<i>Pyrrosia hastata</i>	0	3	5.9975E-06	1.12946E-10	8.12E+07	12
<i>Azolla pinnata</i>	0	3	2.23383E-05	1.56686E-09	2.21E+07	12
<i>Camptosorus sibiricus</i>	0	3	9.49992E-06	2.8338E-10	3.69E+07	12
<i>Drymoglossum heterophyllum</i>	0	3	1.11298E-05	3.88962E-10	1.48E+07	12
<i>Cheiropleuria bicuspis</i>	0	3	1.15082E-05	4.15855E-10	1.48E+07	12
<i>Dipteris wallichii</i>	0	3	6.52225E-06	1.33575E-10	1.03E+08	12
<i>Huperzia suberecta</i>	0	2	9.3845E-06	2.76536E-10	1.19E+07	13
<i>Huperzia selago</i>	0	2	9.84775E-06	3.04511E-10	2.74E+07	13
<i>Amborella trichopoda</i>	0	5	5.03517E-06	7.96081E-11	2.09E+08	14
<i>Nuphar luteum</i>	0	5	0.000004245	5.65829E-11	2.48E+07	14
<i>Nuphar intermedia</i>	0	5	4.12833E-06	5.35154E-11	2.71E+08	14
<i>Nymphaea ampla</i>	0	5	3.25167E-06	3.32003E-11	6.62E+08	14

<i>Nymphaea mexicana</i>	0	5	0.00000379	4.51033E-11	5.89E+08	14
<i>Nymphaea nuchali</i>	0	5	0.00000265	2.20507E-11	5.38E+08	14
<i>Nymphaea coerulea</i>	0	5	0.000004935	7.64723E-11	2.44E+08	14
<i>Brasenia schreberi</i>	0	5	0.00000372	4.34526E-11	2.90E+08	14
<i>Euryale ferox</i>	0	5	2.51667E-06	1.98875E-11	1.67E+09	14
<i>Victoria cruziana</i>	0	5	3.47667E-06	3.79538E-11	4.99E+08	14
<i>Astrobaileya scandens</i>	0	5	0.00000684	1.46907E-10	1.74E+08	14
<i>Trimenia papuana</i>	0	5	0.00000663	1.38025E-10	1.56E+08	14
<i>Trimenia weinmanniaefolia</i>	0	5	0.000006695	1.40744E-10	2.08E+08	14
<i>Schisandra chinensis</i>	0	5	0.00000954	2.85776E-10	5.01E+07	14
<i>Schisandra grandiflora</i>	0	5	9.26667E-06	2.69635E-10	7.41E+07	14
<i>Schisandra incarnata</i>	0	5	1.07767E-05	3.64669E-10	3.11E+07	14
<i>Schisandra glabra</i>	0	5	9.21917E-06	2.66878E-10	6.13E+07	14
<i>Schisandra arisanensis</i>	0	5	9.82333E-06	3.03003E-10	7.09E+07	14
<i>Schisandra rubriflora</i>	0	5	0.00000757	1.79937E-10	1.03E+08	14
<i>Schisandra henryi</i>	0	5	0.000010485	3.45197E-10	3.98E+07	14
<i>Kadsura coccinea</i>	0	5	0.000009865	3.05579E-10	6.97E+07	14
<i>Kadsura japonica</i>	0	5	1.01767E-05	3.25193E-10	6.46E+07	14
<i>Kadsura scandens</i>	0	5	0.00000884	2.45377E-10	7.57E+07	14
<i>Kadsura longipedunculata</i>	0	5	8.94333E-06	2.51147E-10	7.11E+07	14
<i>Kadsura longipedunculata</i>	0	5	7.87333E-06	1.94647E-10	6.79E+07	14
<i>Illicium dunnianum</i>	0	5	0.00001082	3.67607E-10	6.22E+07	14
<i>Illicium leiophyllum</i>	0	5	8.78833E-06	2.42517E-10	5.23E+07	14
<i>Illicium parviflorum</i>	0	5	9.00167E-06	2.54434E-10	5.51E+07	14
<i>Illicium verum</i>	0	5	8.47833E-06	2.2571E-10	7.32E+07	14
<i>Illicium angustisepalum</i>	0	5	6.21333E-06	1.21221E-10	1.80E+08	14
<i>Illicium simonsii</i>	0	5	6.61667E-06	1.3747E-10	8.92E+07	14
<i>Illicium floridanum</i>	0	5	9.55667E-06	2.86776E-10	4.69E+07	14
<i>Hedyosmum bonplandianum</i>	0	5	7.95167E-06	1.98539E-10	6.74E+07	14
<i>Hedyosmum mexicanum</i>	0	5	8.02833E-06	2.02386E-10	1.09E+08	14
<i>Sarcandra hainanensis</i>	0	5	7.23333E-06	1.64288E-10	9.22E+07	15
<i>Sarcandra glabra</i>	0	5	7.18333E-06	1.62025E-10	8.07E+07	15
<i>Chloranthus spicatus</i>	0	5	0.00000745	1.74278E-10	8.07E+07	15
<i>Chloranthus erectus</i>	0	5	8.71667E-06	2.38578E-10	4.61E+07	15
<i>Chloranthus serratus</i>	0	5	6.88333E-06	1.48774E-10	8.94E+07	15
<i>Chloranthus henryi</i>	0	5	8.18333E-06	2.10276E-10	8.65E+07	15
<i>Chloranthus sessilifolius</i>	0	5	0.0000076	1.81366E-10	7.49E+07	15
<i>Chloranthus oldhami</i>	0	5	0.000008	2.0096E-10	5.02E+07	15
<i>Chloranthus nervosus</i>	0	5	7.46667E-06	1.75058E-10	6.34E+07	15
<i>Chloranthus angustifolius</i>	0	5	8.06667E-06	2.04323E-10	4.61E+07	15
<i>Chloranthus japonicus</i>	0	5	8.13333E-06	2.07714E-10	4.32E+07	15

<i>Chloranthus fortunei</i>	0	5	7.88333E-06	1.95141E-10	2.77E+07	15
<i>Hedyosmum orientale</i>	0	5	7.76667E-06	1.89408E-10	6.63E+07	15
<i>Hedyosmum mexiconum</i>	0	5	7.23333E-06	1.64288E-10	9.22E+07	15
<i>Ascarina lucida</i>	0	5	0.00000805	2.0348E-10	2.31E+07	15
<i>Ascarina lanceolata</i>	0	5	8.08333E-06	2.05168E-10	4.04E+07	15
<i>Acer campestre</i>	0	5	3.70E-06	4.29E-11	4.10E+08	4
<i>Acer hyrcanum</i>	0	5	3.88E-06	4.72E-11	3.66E+08	4
<i>Acer monspessulanum</i>	0	5	3.82E-06	4.57E-11	5.10E+08	4
<i>Acer negundo</i>	0	5	2.36215E-06	1.75205E-11	3.40E+08	3
<i>Acer saccharinum saccharinum</i>	0	5	1.73256E-06	9.42557E-12	3.00E+08	3
<i>Acer rubrum</i>	0	5	5.50457E-06	9.51428E-11	7.04E+08	3
<i>Liquidambar styraciflua</i>	0	5	2.67088E-06	2.23996E-11	2.24E+08	3
<i>Astronium lecointei Ducke</i>	0	5	2.08333E-06	1.36285E-11	652000000	4
<i>Rhus copallina</i>	0	5	9.39614E-07	2.77223E-12	7.31E+08	3
<i>Rhus capallina</i>	0	5	9.39614E-07	2.77223E-12	7.31E+08	3
<i>Cotinus coggygria</i>	0	5	3.55E-06	3.95E-11	2.78E+08	2
<i>Pistacia atlantica</i>	0	5	4.54E-06	6.46E-11	2.78E+08	2
<i>Pistacia atlantica</i>	0	5	4.08705E-06	5.24505E-11	3.86E+08	3
<i>Schinus molle</i>	0	5	3.93293E-06	4.85694E-11	1.41E+08	3
<i>Schinus molle</i>	0	5	3.61477E-06	4.10289E-11	1.43E+08	3
<i>Rhus coriana</i>	0	5	4.97E-06	7.75E-11	1.96E+08	2
<i>Anisophyllea manausensis Pires &amp; W. A. Rodrigues</i>	0	5	2.09167E-06	1.37377E-11	271000000	4
<i>Asimina triloba</i>	0	5	4.40317E-06	6.08781E-11	6.50E+07	3
<i>Pittosporum tobira</i>	0	5	3.30338E-06	3.42647E-11	3.68E+08	3
<i>Pittosporum undulatum</i>	0	5	2.67088E-06	2.23996E-11	3.39E+08	3
<i>Pittosporum tobira</i>	0	5	3.14455E-06	3.10489E-11	4.15E+08	3
<i>Pittosporum undulatum</i>	0	5	2.83134E-06	2.51718E-11	5.57E+08	3
<i>Geissospermum argenteum Woodson</i>	0	5	2.08333E-06	1.36285E-11	477500000	4
<i>Ilex opaca</i>	0	5	3.93293E-06	4.85694E-11	2.89E+08	3
<i>Solidago altissima</i>	0	5	4.29193E-06	1.2885E-10	132810000	2
<i>Xanthium pennsylvanicum</i>	0	5	5.86789E-06	1.08117E-10	1.77E+08	3
<i>Helianthus annuus</i>	0	5	5.72471E-06	1.02905E-10	1.75E+08	3
<i>Alnus rugosa (seedling)</i>	0	5	2.19958E-06	1.51918E-11	3.30E+08	3
<i>Alnus rugosa (mature)</i>	0	5	2.98909E-06	2.80549E-11	2.33E+08	3
<i>Betula lenta</i>	0	5	5.03198E-06	7.95074E-11	1.60E+08	3
<i>Betula lenta</i>	0	5	2.83134E-06	2.51718E-11	5.38E+08	3
<i>Carpinus betulus</i>	0	5	5.20787E-06	8.51628E-11	1.70E+08	3
<i>Carpinus caroliniana</i>	0	5	2.67088E-06	2.23996E-11	2.34E+08	3
<i>Corylus americana</i>	0	5	5.81651E-06	1.06232E-10	3.47E+08	3
<i>Corylus americana</i>	0	5	5.81651E-06	1.06232E-10	3.47E+08	3

<i>Jacaranda copaia</i> (Aubl.) D. Don	0	5	2.91667E-06	2.67118E-11	389800000	4
<i>Asperugo procumbens</i>	0	5	3.82E-06	4.58E-11	2.18E+08	2
<i>Bugloss ides arvensis</i>	0	5	4.51E-06	6.37E-11	1.88E+08	2
<i>Heliotropium ellipticum</i>	0	5	4.62E-06	6.71E-11	2.10E+08	2
<i>Lappula barbata</i>	0	5	4.31E-06	5.84E-11	1.91E+08	2
<i>Myosotis silvatica</i>	0	5	4.29E-06	5.77E-11	1.72E+08	2
<i>Onosma dichroanthum</i>	0	5	3.35E-06	3.53E-11	4.97E+08	2
<i>Onosma microcarpum</i>	0	5	4.06E-06	5.18E-11	2.98E+08	2
<i>Symphytum asperum</i>	0	5	4.50E-06	6.37E-11	2.57E+08	2
<i>Protium crassipetalum</i> Cuatrec.,	0	5	9.17E-07	2.63847E-12	581000000	4
<i>Protium decandrum</i> (Aubl.) Marsh.	0	5	1.25E-06	4.90625E-12	588500000	4
<i>Protium klugii</i> J.F. Macbr.	0	5	1.67E-06	8.72222E-12	589300000	4
<i>Campanula glomerata</i>	0	5	5.51E-06	9.52E-11	1.79E+08	3
<i>Campanula hohenackeri</i>	0	5	5.00E-06	7.87E-11	1.65E+08	3
<i>Campanula rapunculoides</i>	0	5	5.03E-06	7.93E-11	2.41E+08	3
<i>Campanula stevenii</i>	0	5	5.79E-06	1.05E-10	1.46E+08	3
<i>Symphyandra armena</i>	0	5	4.26E-06	5.70E-11	2.00E+08	3
<i>Celtis tenuifolia</i>	0	5	2.83E-06	2.51718E-11	1.80E+08	3
<i>Celtis occidentalis</i>	0	5	2.04E-06	1.30849E-11	2.72E+08	3
<i>Lonicera caucasica</i>	0	5	3.56E-06	3.99E-11	3.65E+08	2
<i>Lonicera iberica</i>	0	5	4.08E-06	5.23E-11	2.24E+08	2
<i>Viburnum lantana</i>	0	5	5.36E-06	9.04E-11	1.43E+08	2
<i>Arenaria dianthoides</i>	0	5	6.09E-06	1.16E-10	1.23E+08	2
<i>Arenaria gypsophiloides</i>	0	5	5.65E-06	1.00E-10	9.50E+07	2
<i>Arenaria serpyllifolia</i>	0	5	4.64E-06	6.76E-11	1.67E+08	2
<i>Cerastium glomeratum</i>	0	5	6.70E-06	1.41E-10	8.24E+07	2
<i>Cerastium holosteoides</i>	0	5	6.03E-06	1.14E-10	9.20E+07	2
<i>Cerastium szowitzii</i>	0	5	5.91E-06	1.10E-10	1.30E+08	2
<i>Dianthus cretaceus</i>	0	5	5.53E-06	9.59E-11	8.60E+07	2
<i>Dianthus crinitus</i>	0	5	5.86E-06	1.08E-10	8.30E+07	2
<i>Gypsophila elegans</i>	0	5	5.19E-06	8.47E-11	9.60E+07	2
<i>Herniaria hirsuta</i>	0	5	5.19E-06	8.47E-11	8.50E+07	2
<i>Herniaria incana</i>	0	5	4.36E-06	5.96E-11	9.90E+07	2
<i>Minuartia acuminata</i>	0	5	5.70E-06	1.02E-10	7.10E+07	2
<i>Minuartia lineata</i>	0	5	5.06E-06	8.03E-11	8.20E+07	2
<i>Minuartia recurva</i>	0	5	5.03E-06	7.93E-11	1.10E+08	2
<i>Silene persica</i>	0	5	5.86E-06	1.08E-10	1.06E+08	2
<i>Silene ruprechtii</i>	0	5	5.03E-06	7.93E-11	1.66E+08	2
<i>Silene spergulifolia</i>	0	5	5.03E-06	7.93E-11	1.04E+08	2
<i>Stellaria media</i>	0	5	6.90E-06	1.50E-10	4.50E+07	2
<i>Chenopodium album</i>	0	5	4.77E-06	7.16E-11	1.23E+08	2



<i>Kochia prostrata</i>	0	5	4.88E-06	7.46E-11	7.82E+07	2
<i>Noaea mucronata</i>	0	5	4.07E-06	5.20E-11	1.51E+08	2
<i>Licania adolphoduckei</i> Prance	0	5	1.67E-06	8.80966E-12	458000000	4
<i>Fumana procumbens</i>	0	5	6.44E-06	1.30E-10	8.19E+07	2
<i>Helinthemum ledifolium</i>	0	5	4.45E-06	6.21E-11	3.36E+08	2
<i>Helinthemum nummularium</i>	0	5	4.80E-06	7.23E-11	2.31E+08	2
<i>Helinthemum salicifolium</i>	0	5	5.05E-06	8.01E-11	1.38E+08	2
<i>Achillea biebersteinii</i>	0	5	5.47E-06	9.40E-11	3.70E+07	2
<i>Achillea millefolium</i>	0	5	5.92E-06	1.10E-10	3.97E+07	2
<i>Artemisia triumfettii</i>	0	5	5.96E-06	1.12E-10	7.27E+07	2
<i>Artemisia absinthium</i>	0	5	5.67E-06	1.01E-10	1.21E+08	2
<i>Artemisia armenuica</i>	0	5	4.10E-06	5.27E-11	2.76E+08	2
<i>Artemisia chamaemellifolia</i>	0	5	5.56E-06	9.70E-11	1.28E+08	2
<i>Artemisia fragrans</i>	0	5	4.51E-06	6.40E-11	1.42E+08	2
<i>Artemisia scoparia</i>	0	5	4.46E-06	6.24E-11	1.31E+08	2
<i>Artemisia splendens</i>	0	5	6.04E-06	1.14E-10	1.08E+08	2
<i>Calendula persicaria</i>	0	5	7.52E-06	1.77E-10	5.70E+07	2
<i>Carduus pycnocephalus</i>	0	5	5.19E-06	8.47E-11	2.19E+08	2
<i>Carduus seminidus</i>	0	5	5.77E-06	1.04E-10	1.27E+08	2
<i>Carduus thoermeri</i>	0	5	4.12E-06	5.33E-11	3.39E+08	2
<i>Carthamus lanatus</i>	0	5	4.58E-06	6.60E-11	2.46E+08	2
<i>Centanrea aziziana</i>	0	5	4.02E-06	5.07E-11	1.62E+08	2
<i>Centanrea macrocephala</i>	0	5	4.22E-06	5.60E-11	1.81E+08	2
<i>Centanrea rhizantha</i>	0	5	4.36E-06	5.98E-11	2.38E+08	2
<i>Centanrea solstitialis</i>	0	5	2.87E-06	2.59E-11	1.97E+08	2
<i>Centanrea sosnovskyi</i>	0	5	5.49E-06	9.46E-11	1.58E+08	2
<i>Centanrea zuvandica</i>	0	5	4.01E-06	5.06E-11	4.10E+08	2
<i>Cirsium echinus</i>	0	5	4.32E-06	5.86E-11	3.12E+08	2
<i>Cirsium osseticum</i>	0	5	3.39E-06	3.61E-11	3.34E+08	2
<i>Cansinia belangeri</i>	0	5	4.04E-06	5.13E-11	1.95E+08	2
<i>Crepis foetida</i>	0	5	5.17E-06	8.38E-11	1.79E+08	2
<i>Crepis sancta</i>	0	5	5.09E-06	8.12E-11	2.06E+08	2
<i>Crupina crupinastrum</i>	0	5	5.29E-06	8.79E-11	8.82E+07	2
<i>Doroncum hyrcanum</i>	0	5	6.06E-06	1.15E-10	9.10E+07	2
<i>Erigeron acer</i>	0	5	5.19E-06	8.45E-11	9.94E+07	2
<i>Filago pyramidata</i>	0	5	4.05E-06	5.15E-11	1.14E+08	2
<i>Helichrysum plicatum</i>	0	5	3.77E-06	4.46E-11	1.62E+08	2
<i>Hieracium pilosella</i>	0	5	4.52E-06	6.42E-11	2.11E+08	2
<i>Hieracium procerum</i>	0	5	5.47E-06	9.40E-11	9.46E+07	2
<i>Inula oculus-christii</i>	0	5	4.49E-06	6.33E-11	1.70E+08	2
<i>Inula vulgaris</i>	0	5	4.39E-06	6.05E-11	1.83E+08	2

<i>Koelpinia linearis</i>	0	5	5.14E-06	8.29E-11	9.59E+07	2
<i>Lapsana communis</i>	0	5	4.54E-06	6.48E-11	1.14E+08	2
<i>Leontodon asperrimus</i>	0	5	5.32E-06	8.89E-11	1.38E+08	2
<i>Scorzonera laciniata</i>	0	5	5.18E-06	8.41E-11	1.52E+08	2
<i>Serratula quinquefolia</i>	0	5	4.08E-06	5.22E-11	2.07E+08	2
<i>Sonchus asper</i>	0	5	4.91E-06	7.58E-11	4.22E+07	2
<i>Tanacetum chiliophyllum</i>	0	5	6.14E-06	1.18E-10	6.62E+07	2
<i>Tanacetum parthenium</i>	0	5	5.72E-06	1.03E-10	5.82E+07	2
<i>Tanacetum graminifolius</i>	0	5	4.10E-06	5.29E-11	1.37E+08	2
<i>Tragopogon kemulariae</i>	0	5	4.67E-06	6.86E-11	9.67E+07	2
<i>Tragopogon pterocarpus</i>	0	5	4.86E-06	7.41E-11	8.86E+07	2
<i>Tragopogon reticulatus</i>	0	5	5.28E-06	8.74E-11	1.21E+08	2
<i>Xeranthemum anuum</i>	0	5	3.43E-06	3.69E-11	1.84E+08	2
<i>Convolvulus arvensis</i>	0	5	4.29E-06	5.78E-11	1.90E+08	2
<i>Convolvulus cantabrica</i>	0	5	4.52E-06	6.42E-11	1.57E+08	2
<i>Convolvulus lineatus</i>	0	5	4.79E-06	7.21E-11	1.64E+08	2
<i>Cornus florida</i>	0	5	5.03E-06	7.95074E-11	8.30E+07	3
<i>Cornus alternifolia</i>	0	5	3.14E-06	3.10489E-11	1.80E+08	3
<i>Cornus florida</i>	0	5	5.03E-06	7.95074E-11	8.30E+07	3
<i>Cornus australis</i>	0	5	4.09E-06	5.24E-11	1.72E+08	2
<i>Cornus mas</i>	0	5	5.34E-06	8.94E-11	9.35E+07	2
<i>Carpinus betulus</i>	0	5	4.91E-06	7.56E-11	1.37E+08	2
<i>Corylus avellana</i>	0	5	4.37E-06	5.99E-11	1.02E+08	2
<i>Sedum spurium</i>	0	5	5.86E-06	1.08E-10	5.73E+07	2
<i>Sedum rubrocinctum</i>	0	5	5.25E-06	8.65E-11	3.69E+07	2
<i>Sedum spectabilis</i>	0	5	6.01E-06	1.13439E-10	3.50E+07	3
<i>Alliaria petiolata</i>	0	5	3.44E-06	3.72E-11	1.63E+08	2
<i>Alyssum desertorum</i>	0	5	4.41E-06	6.11E-11	1.90E+08	2
<i>Alyssum linifolium</i>	0	5	3.68E-06	4.25E-11	4.73E+08	2
<i>Alyssum longistylum</i>	0	5	3.71E-06	4.33E-11	2.11E+08	2
<i>Alyssum minutum</i>	0	5	4.26E-06	5.71E-11	2.64E+08	2
<i>Alyssum sibiricum</i>	0	5	3.65E-06	4.18E-11	2.80E+08	2
<i>Alyssum strigosum</i>	0	5	4.13E-06	5.35E-11	2.10E+08	2
<i>Arabis sagittata</i>	0	5	2.96E-06	2.76E-11	2.83E+08	2
<i>Clypeola jonthlaspi</i>	0	5	3.41E-06	3.64E-11	1.90E+08	2
<i>Erysimum subulatum</i>	0	5	4.20E-06	5.55E-11	2.23E+08	2
<i>Hesperis hyrcana</i>	0	5	6.64E-06	1.38E-10	6.20E+07	2
<i>Neslia apiculata</i>	0	5	3.77E-06	4.46E-11	3.20E+08	2
<i>Rapistrum rugosum</i>	0	5	3.80E-06	4.54E-11	3.37E+08	2
<i>Sterigmostemum contortuplicatum</i>	0	5	5.52E-06	9.55E-11	1.40E+08	2
<i>Thlaspi arvensis</i>	0	5	3.37E-06	3.57E-11	2.11E+08	2

<i>Turritis glabra</i>	0	5	4.01E-06	5.04E-11	8.83E+07	2
<i>Scabiosa amoena</i>	0	5	5.01E-06	7.90E-11	1.54E+08	2
<i>Scabiosa caucasica</i>	0	5	6.41E-06	1.29E-10	1.25E+08	2
<i>Scabiosa crinita</i>	0	5	5.04E-06	7.96E-11	2.95E+08	2
<i>Scabiosa olivieri</i>	0	5	3.74E-06	4.39E-11	2.54E+08	2
<i>Scabiosa persica</i>	0	5	5.61E-06	9.90E-11	1.84E+08	2
<i>Cephalaria hirsuta</i>	0	5	6.99E-06	1.53E-10	8.58E+07	2
<i>Diospyros virginiana</i>	0	5	3.14455E-06	3.10489E-11	2.62E+08	3
<i>Kalmia latifolia</i>	0	5	3.77252E-06	4.46883E-11	1.75E+08	3
<i>Oxydendron arboreum</i>	0	5	2.98909E-06	2.80549E-11	3.05E+08	3
<i>Ricinus communis</i>	0	5	5.67514E-06	1.01131E-10	2.70E+08	3
<i>Cercis canadensis</i>	0	5	2.67088E-06	2.23996E-11	2.66E+08	3
<i>Swartzia ingifolia Ducke</i>	0	5	0.0000025	1.9625E-11	543800000	4
<i>Inga umbratica Poepp. &amp; Endl.</i>	0	5	0.0000025	1.9625E-11	395700000	4
<i>Gleditsia triacanthos</i>	0	5	3.30338E-06	3.42647E-11	2.75E+08	3
<i>Gymnocladus dioicus</i>	0	5	2.83134E-06	2.51718E-11	7.90E+07	3
<i>Medicago sativa</i>	0	5	3.87413E-06	4.71278E-11	1.88E+08	3
<i>Vicia faba</i>	0	5	6.37277E-06	1.27522E-10	7.50E+07	3
<i>Acacia longifolia</i>	0	5	3.46003E-06	3.75914E-11	1.04E+08	3
<i>Acacia cyanophylla</i>	0	5	4.24389E-06	5.65534E-11	3.07E+08	3
<i>Acacia cyanophylla</i>	0	5	4.08705E-06	5.24505E-11	3.98E+08	3
<i>Castanea dentata</i>	0	5	4.08705E-06	5.24505E-11	2.80E+08	3
<i>Castanea dentata</i>	0	5	6.13274E-06	1.18097E-10	4.18E+08	3
<i>Robinia pseudoacacia (seedling)</i>	0	5	7.97289E-07	1.996E-12	1.25E+08	3
<i>Robinia pseudoacacia (mature)</i>	0	5	1.73256E-06	9.42557E-12	1.91E+08	3
<i>Quercus macranthera</i>	0	5	4.29E-06	5.77E-11	5.59E+08	2
<i>Quercus petraea</i>	0	5	4.20E-06	5.55E-11	6.13E+08	2
<i>Quercus valutina</i>	0	5	7.86137E-06	1.94056E-10	4.05E+08	3
<i>Quercus palustris</i>	0	5	1.57227E-06	7.76223E-12	9.09E+08	3
<i>Quercus robur</i>	0	5	4.21886E-06	5.58881E-11	3.40E+08	3
<i>Quercus velutina</i>	0	5	4.32222E-06	5.86603E-11	4.50E+08	3
<i>Quercus macrocarpa</i>	0	5	3.46003E-06	3.75914E-11	4.60E+08	3
<i>Quercus alba (seedling)</i>	0	5	2.36215E-06	1.75205E-11	6.24E+08	3
<i>Quercus alba (mature)</i>	0	5	3.14455E-06	3.10489E-11	5.14E+08	3
<i>Quercus coccinea</i>	0	5	2.67088E-06	2.23996E-11	7.59E+08	3
<i>Quercus palustris (seedling)</i>	0	5	3.30338E-06	3.42647E-11	5.39E+08	3
<i>Quercus pallustrus (mature)</i>	0	5	1.57227E-06	7.76223E-12	9.09E+08	3
<i>Quercus phellos</i>	0	5	2.36215E-06	1.75205E-11	7.55E+08	3
<i>Quercus prinus (seedling)</i>	0	5	2.67088E-06	2.23996E-11	2.57E+08	3
<i>Quercus prinus (mature)</i>	0	5	2.98909E-06	2.80549E-11	6.61E+08	3
<i>Quercus rubra (seedling)</i>	0	5	2.98909E-06	2.80549E-11	6.64E+08	3

<i>Quercus rubra (mature)</i>	0	5	3.61477E-06	4.10289E-11	6.81E+08	3
<i>Quercus stellata</i>	0	5	5.03198E-06	7.95074E-11	4.24E+08	3
<i>Quercus valutina</i>	0	5	7.86137E-06	1.94056E-10	4.05E+08	
<i>Gentiana cruciata</i>	0	5	6.54E-06	1.34E-10	8.37E+07	2
<i>Gentiana gelida</i>	0	5	6.84E-06	1.47E-10	5.54E+07	2
<i>Erodium cicutarium</i>	0	5	4.36E-06	5.96E-11	2.02E+08	2
<i>Geranium lucidum</i>	0	5	4.32E-06	5.87E-11	2.26E+08	2
<i>Geranium prateuse</i>	0	5	4.50E-06	6.36E-11	2.73E+08	2
<i>Geranium robertianum</i>	0	5	4.10E-06	5.28E-11	1.15E+08	2
<i>Geranium rotundifolium</i>	0	5	4.44E-06	6.19E-11	1.05E+08	2
<i>Pelargonium zonale</i>	0	5	7.68418E-06	1.85406E-10	1.79E+08	3
<i>Hamamelis virginiana</i>	0	5	4.24389E-06	5.65534E-11	1.68E+08	3
<i>Hypericum hirsutum</i>	0	5	4.18E-06	5.49E-11	1.61E+08	2
<i>Hypericum linarioides</i>	0	5	4.03E-06	5.10E-11	2.29E+08	2
<i>Hypericum perforatum</i>	0	5	4.08E-06	5.23E-11	2.62E+08	2
<i>Carya cordiformis</i>	0	5	3.30338E-06	3.42647E-11	3.25E+08	3
<i>Carya glabra</i>	0	5	2.83134E-06	2.51718E-11	3.81E+08	3
<i>Carya ovata (seedling)</i>	0	5	2.51424E-06	1.98491E-11	2.44E+08	3
<i>Carya ovata (mature)</i>	0	5	3.93293E-06	4.85694E-11	3.49E+08	3
<i>Carya tomentosa (seedling)</i>	0	5	2.83134E-06	2.51718E-11	3.45E+08	3
<i>Carya tomentosa (mature)</i>	0	5	3.93293E-06	4.85694E-11	2.40E+08	3
<i>Juglans nigra</i>	0	5	3.61477E-06	4.10289E-11	2.60E+08	3
<i>Juglans nigra (seedling)</i>	0	5	2.19958E-06	1.51918E-11	2.78E+08	3
<i>Juglans nigra (mature)</i>	0	5	2.51424E-06	1.98491E-11	2.55E+08	3
<i>Juglans cinerea</i>	0	5	2.98909E-06	2.80549E-11	1.11E+08	3
<i>Ajuga comata</i>	0	5	4.44E-06	6.19E-11	1.54E+08	2
<i>Ajuga orientalis</i>	0	5	4.43E-06	6.16E-11	2.28E+08	2
<i>Betonica grandiflora</i>	0	5	4.93E-06	7.64E-11	2.20E+08	2
<i>Clinopodium vulgare</i>	0	5	3.84E-06	4.62E-11	2.01E+08	2
<i>Lamium album</i>	0	5	4.82E-06	7.28E-11	2.46E+08	2
<i>Lamium amplexicanle</i>	0	5	4.86E-06	7.41E-11	1.86E+08	2
<i>Marrubium astracanicum</i>	0	5	3.44E-06	3.72E-11	2.76E+08	2
<i>Mentha longifolia</i>	0	5	4.22E-06	5.58E-11	2.29E+08	2
<i>Nepeta betonicifolia</i>	0	5	4.08E-06	5.24E-11	1.75E+08	2
<i>Nepeta hausskuechtii</i>	0	5	3.92E-06	4.83E-11	2.88E+08	2
<i>Origanum vulgare</i>	0	5	3.88E-06	4.73E-11	2.53E+08	2
<i>Phlomis herba-venti</i>	0	5	4.71E-06	6.96E-11	2.15E+08	2
<i>Phlomis tuberosa</i>	0	5	3.65E-06	4.18E-11	3.44E+08	2
<i>Prunella vulgaris</i>	0	5	5.11E-06	8.21E-11	1.95E+08	2
<i>Salvia atropatana</i>	0	5	3.98E-06	4.97E-11	2.72E+08	2
<i>Salvia uemorosa</i>	0	5	4.13E-06	5.36E-11	3.08E+08	2

<i>Salvia sclarea</i>	0	5	3.59E-06	4.05E-11	3.20E+08	2
<i>Salvia verticillata</i>	0	5	3.96E-06	4.92E-11	4.37E+08	2
<i>Salvia viridis</i>	0	5	4.30E-06	5.80E-11	2.13E+08	2
<i>Satureja macrantha</i>	0	5	4.23E-06	5.62E-11	9.04E+07	2
<i>Scutellaria pinnatifida</i>	0	5	3.50E-06	3.86E-11	4.28E+08	2
<i>Sideritis montana</i>	0	5	4.78E-06	7.18E-11	1.18E+08	2
<i>Stachys asterocalyx</i>	0	5	4.15E-06	5.42E-11	2.81E+08	2
<i>Stachys byzanthiana</i>	0	5	3.99E-06	5.00E-11	2.86E+08	2
<i>Stachys lavandulifolia</i>	0	5	4.33E-06	5.90E-11	1.77E+08	2
<i>Stachys schtschegleevii</i>	0	5	3.41E-06	3.64E-11	4.00E+08	2
<i>Teucrium chamaedrys</i>	0	5	4.65E-06	6.79E-11	2.91E+08	2
<i>Teucrium polium</i>	0	5	3.55E-06	3.96E-11	3.12E+08	2
<i>Thymus kotschyanus</i>	0	5	4.19E-06	5.51E-11	1.74E+08	2
<i>Ziziphora capitata</i>	0	5	3.75E-06	4.40E-11	2.80E+08	2
<i>Ziziphora clinopodioides</i>	0	5	3.97E-06	4.94E-11	2.48E+08	2
<i>Sassafras albidum</i>	0	5	2.74907E-06	2.37302E-11	2.25E+08	3
<i>Sassafras albidum</i>	0	5	2.83134E-06	2.51718E-11	3.06E+08	3
<i>Licaria chrysophylla (Meisn.) Kosterm.</i>	0	5	1.66667E-06	8.72222E-12	314000000	4
<i>Licaria rodriguesii Kurz</i>	0	5	0.00001425	6.37616E-12	367000000	4
<i>Lecythis prancei S.A. Moni</i>	0	5	0.00000195	1.19399E-11	280600000	2
<i>Couratari tauari O. Berg.</i>	0	5	0.0000025	1.9625E-11	223500000	2
<i>Eschweilera apiculata (Miers) A. C. Sm.</i>	0	5	2.33333E-06	1.70956E-11	442000000	2
<i>Eschweilera bracteosa (Poepp. ex O. Berg) Mier</i>	0	5	2.08333E-06	1.36285E-11	657500000	2
<i>Eschweilera coriacea (DC.) S.A. Mori</i>	0	5	0.000002125	1.41791E-11	406000000	2
<i>Eschweilera parviflora (Aubl.) Miers</i>	0	5	0.000001875	1.10391E-11	333400000	2
<i>Linum nervosum</i>	0	5	5.22E-06	8.56E-11	7.27E+07	2
<i>Linum nodiflorum</i>	0	5	6.63E-06	1.38E-10	6.74E+07	2
<i>Linum tenuifolium</i>	0	5	5.46E-06	9.37E-11	1.41E+07	2
<i>Antonia ovata Pohl.</i>	0	5	2.50833E-06	1.97561E-11	288000000	4
<i>Liriodendron tulipifera</i>	0	5	2.83134E-06	2.51718E-11	2.84E+08	3
<i>Magnolia acuminata</i>	0	5	5.34507E-06	8.97092E-11	1.27E+08	3
<i>Magnolia grandiflora</i>	0	5	7.86137E-06	1.94056E-10	2.55E+08	3
<i>Magnolia tripetala</i>	0	5	4.08705E-06	5.24505E-11	1.61E+08	3
<i>Tilia americana</i>	0	5	4.08705E-06	5.24505E-11	8.91E+08	3
<i>Tilia europa</i>	0	5	3.98644E-06	4.99001E-11	3.70E+08	3
<i>Tilia americana</i>	0	5	3.53575E-06	3.92547E-11	1.20E+08	3
<i>Tilia americana</i>	0	5	4.08705E-06	5.24505E-11	8.90E+07	3
<i>Scleronema micranthum (Ducke) Ducke</i>	0	5	0.0000025	1.9625E-11	526200000	4
<i>Melia azedarach</i>	0	5	2.98909E-06	2.80549E-11	3.74E+08	3
<i>Melia azedarach</i>	0	5	2.51424E-06	1.98491E-11	4.23E+08	3

<i>Morus rubra</i>	0	5	2.67088E-06	2.23996E-11	1.54E+08	3
<i>Callistemon laurifolia</i>	0	5	4.08705E-06	5.24505E-11	3.61E+08	3
<i>Callistemon rigidus</i>	0	5	5.50457E-06	9.51428E-11	2.59E+08	3
<i>Eucalyptus globulus</i>	0	5	5.01793E-06	7.90639E-11	3.70E+08	3
<i>Eucalyptus albens</i>	0	5	4.71682E-06	6.98601E-11	1.28E+08	3
<i>Eucalyptus blakelyi</i>	0	5	2.98909E-06	2.80549E-11	3.54E+08	3
<i>Eucalyptus cinerea</i>	0	5	3.46003E-06	3.75914E-11	2.33E+08	3
<i>Eucalyptus ficifolia</i>	0	5	3.46003E-06	3.75914E-11	3.28E+08	3
<i>Eucalyptus maculata</i>	0	5	6.13274E-06	1.18097E-10	2.42E+08	3
<i>Eucalyptus maideni</i>	0	5	9.11958E-06	2.61144E-10	3.60E+07	3
<i>Eucalyptus melanophloia</i>	0	5	4.71682E-06	6.98601E-11	1.84E+08	3
<i>Eucalyptus meliodora</i>	0	5	3.61477E-06	4.10289E-11	1.64E+08	3
<i>Eucalyptus sideroxylon</i>	0	5	2.83134E-06	2.51718E-11	2.84E+08	3
<i>Eucalyptus staigeriana</i>	0	5	5.81651E-06	1.06232E-10	2.92E+08	3
<i>Eucalyptus tessellaris</i>	0	5	6.2891E-06	1.24196E-10	2.91E+08	3
<i>Eucalyptus camaldulensis</i>	0	5	5.65957E-06	1.00576E-10	1.19E+08	3
<i>Eucalyptus citriodora</i>	0	5	3.77252E-06	4.46883E-11	2.48E+08	3
<i>Eucalyptus camaldulensis</i>	0	5	5.81651E-06	1.06232E-10	1.21E+08	3
<i>Eucalyptus citriodora</i>	0	5	3.77252E-06	4.46883E-11	2.88E+08	3
<i>Melaleuca styphelioides</i>	0	5	3.61477E-06	4.10289E-11	3.67E+08	3
<i>Myrcia magnoliifolia DC.</i>	0	5	3.33333E-06	3.48889E-11	406000000	4
<i>Neea altissima Poepp. &amp; Endl.</i>	0	5	4.08333E-06	5.23551E-11	110200000	4
<i>Neea oppositifolia Ruiz. &amp; Pav.</i>	0	5	1.76667E-06	9.80029E-12	539700000	4
<i>Ouratea discophora Ducke</i>	0	5	0.00000375	4.41563E-11	150000000	4
<i>Fraxinus americana</i>	0	5	3.61477E-06	4.10289E-11	1.50E+08	3
<i>Fraxinus nigra</i>	0	5	3.14455E-06	3.10489E-11	2.90E+08	3
<i>Fraxinus americana</i>	0	5	3.46003E-06	3.75914E-11	1.29E+08	3
<i>Fraxinus excelsior</i>	0	5	4.00E-06	5.03E-11	2.28E+08	2
<i>Jasminum fruticans</i>	0	5	4.58E-06	6.59E-11	2.51E+08	2
<i>Ligustrum vulgare</i>	0	5	4.81E-06	7.26E-11	2.00E+08	2
<i>Minquartia guianensis Aubl.</i>	0	5	1.66667E-06	8.72222E-12	519300000	4
<i>Phillyrea media</i>	0	5	2.83134E-06	2.51718E-11	4.72E+08	3
<i>Phillyrea media</i>	0	5	3.30338E-06	3.42647E-11	5.13E+08	3
<i>Papaver glaucum</i>	0	5	6.29E-06	1.24E-10	1.08E+08	2
<i>Papaver orientale</i>	0	5	6.47E-06	1.31E-10	1.77E+08	2
<i>Athyllis biossieri</i>	0	5	4.42E-06	6.14E-11	1.47E+08	2
<i>Astragalus alyssoides</i>	0	5	4.02E-06	5.07E-11	1.33E+08	2
<i>Astragalus aureus</i>	0	5	3.04E-06	2.90E-11	2.22E+08	2
<i>Astragalus bicolor</i>	0	5	3.79E-06	4.51E-11	1.59E+08	2
<i>Astragalus glycyphyllus</i>	0	5	5.26E-06	8.68E-11	1.10E+08	2
<i>Astragalus hamosus</i>	0	5	4.01E-06	5.04E-11	1.99E+08	2

<i>Astragalus hirticalyx</i>	0	5	3.26E-06	3.33E-11	3.84E+08	2
<i>Astragalus macrourus</i>	0	5	3.37E-06	3.57E-11	1.80E+08	2
<i>Astragalus microcephalus</i>	0	5	3.44E-06	3.72E-11	2.01E+08	2
<i>Astragalus onobrychioides</i>	0	5	3.98E-06	4.98E-11	1.20E+08	2
<i>Astragalus pinetorum</i>	0	5	3.93E-06	4.84E-11	1.74E+08	2
<i>Astragalus schistosus</i>	0	5	4.56E-06	6.52E-11	1.60E+08	2
<i>Astragalus tribulodites</i>	0	5	3.46E-06	3.76E-11	3.94E+08	2
<i>Colutea cilicica</i>	0	5	3.99E-06	5.00E-11	1.74E+08	2
<i>Coronilla scorpioides</i>	0	5	3.93E-06	4.85E-11	1.85E+08	2
<i>Coronilla varia</i>	0	5	4.11E-06	5.29E-11	1.99E+08	2
<i>Dorycnium intermedium</i>	0	5	3.79E-06	4.52E-11	1.44E+08	2
<i>Hipporepis unisiliquosa</i>	0	5	3.49E-06	3.82E-11	2.01E+08	2
<i>Lathyrus cyaneus</i>	0	5	5.44E-06	9.28E-11	9.54E+07	2
<i>Lathyrus laxiflorus</i>	0	5	5.48E-06	9.44E-11	7.44E+07	2
<i>Lathyrus prateusis</i>	0	5	4.91E-06	7.58E-11	6.98E+07	2
<i>Lathyrus rotundifolius</i>	0	5	5.18E-06	8.41E-11	6.50E+07	2
<i>Lotus corniculatus</i>	0	5	4.38E-06	6.02E-11	1.38E+08	2
<i>Medicago minima</i>	0	5	3.15E-06	3.11E-11	2.80E+08	2
<i>Medicago rigidula</i>	0	5	3.25E-06	3.32E-11	2.68E+08	2
<i>Medicago sativa</i>	0	5	2.87E-06	2.58E-11	2.90E+08	2
<i>Onobrychis bungei</i>	0	5	3.36E-06	3.55E-11	2.07E+08	2
<i>Onobrychis cornuta</i>	0	5	3.40E-06	3.63E-11	1.93E+08	2
<i>Onobrychis hohenackeriana</i>	0	5	3.82E-06	4.58E-11	1.93E+08	2
<i>Onobrychis michauxii</i>	0	5	3.87E-06	4.71E-11	2.93E+08	2
<i>Securigera securidaca</i>	0	5	3.89E-06	4.76E-11	1.41E+08	2
<i>Trifolium arveuse</i>	0	5	3.56E-06	3.98E-11	2.11E+08	2
<i>Trifolium campestre</i>	0	5	3.37E-06	3.57E-11	1.46E+08	2
<i>Trifolium canesceus</i>	0	5	3.40E-06	3.63E-11	2.15E+08	2
<i>Trifolium hybridum</i>	0	5	2.71E-06	2.31E-11	3.73E+08	2
<i>Trifolium montanum</i>	0	5	4.18E-06	5.49E-11	2.35E+08	2
<i>Trifolium prateuse</i>	0	5	3.38E-06	3.58E-11	2.17E+08	2
<i>Trifolium repeus</i>	0	5	2.91E-06	2.67E-11	2.06E+08	2
<i>Trifolium scabrum</i>	0	5	3.20E-06	3.22E-11	2.53E+08	2
<i>Trigonella brachycarpa</i>	0	5	3.37E-06	3.57E-11	2.83E+08	2
<i>Trigonella callicerias</i>	0	5	3.83E-06	4.60E-11	1.65E+08	2
<i>Trigonella gladiata</i>	0	5	4.02E-06	5.07E-11	2.06E+08	2
<i>Trigonella mouspeliaca</i>	0	5	4.19E-06	5.51E-11	1.88E+08	2
<i>Trigonella spicata</i>	0	5	3.70E-06	4.30E-11	2.44E+08	2
<i>Vicia grandiflora</i>	0	5	3.97E-06	4.95E-11	1.78E+08	2
<i>Vicia hybrida</i>	0	5	4.82E-06	7.29E-11	8.30E+07	2
<i>Vicia truncatula</i>	0	5	5.07E-06	8.08E-11	6.27E+07	2

<i>Vicia variegata</i>	0	5	4.56E-06	6.53E-11	8.16E+07	2
<i>Plantago lanceolata</i>	0	5	4.09E-06	5.25E-11	2.67E+08	2
<i>Plantago ovata</i>	0	5	4.55E-06	6.50E-11	1.39E+08	2
<i>Plantago psillium</i>	0	5	4.97E-06	7.76E-11	1.52E+08	2
<i>Platanus occidentalis</i>	0	5	4.08705E-06	5.24505E-11	3.06E+08	3
<i>Atraphaxis spinosa</i>	0	5	4.95E-06	7.68E-11	1.51E+08	2
<i>Polygonum alpestre</i>	0	5	5.53E-06	9.62E-11	1.16E+08	2
<i>Rumex acetoselloides</i>	0	5	6.66E-06	1.39E-10	8.55E+07	2
<i>Rumex tuberosus</i>	0	5	6.31E-06	1.25E-10	8.91E+07	2
<i>Anagallis arvensis</i>	0	5	6.42E-06	1.29E-10	8.37E+07	2
<i>Androsace villosa</i>	0	5	6.20E-06	1.21E-10	6.06E+07	2
<i>Primula anriculata</i>	0	5	4.83E-06	7.32E-11	1.17E+08	2
<i>Primula macrocalyx</i>	0	5	4.67E-06	6.83E-11	1.16E+08	2
<i>Adonis aestivalis</i>	0	5	1.03E-05	3.31E-10	2.74E+07	2
<i>Anemone albana</i>	0	5	6.43E-06	1.30E-10	1.62E+08	2
<i>Delphinium tuberosum</i>	0	5	8.37E-06	2.20E-10	8.25E+07	2
<i>Ranunculus caucasicus</i>	0	5	6.04E-06	1.14E-10	9.86E+07	2
<i>Ranunculus polyanthemus</i>	0	5	8.42E-06	2.22E-10	7.70E+07	2
<i>Ranunculus strigillosus</i>	0	5	6.70E-06	1.41E-10	6.90E+07	2
<i>Thalictrum minus</i>	0	5	3.93E-06	4.86E-11	2.49E+08	2
<i>Paliurus spine Christi</i>	0	5	3.60E-06	4.08E-11	4.38E+08	2
<i>Rhamnus catharica</i>	0	5	4.37E-06	5.98E-11	2.57E+08	2
<i>Rhamnus pallasii</i>	0	5	4.63E-06	6.74E-11	2.59E+08	2
<i>Agrimonia eupatoria</i>	0	5	4.49E-06	6.34E-11	2.31E+08	2
<i>Alchemilla fluminea</i>	0	5	4.77E-06	7.14E-11	2.71E+08	2
<i>Alchemilla erythropoda</i>	0	5	4.15E-06	5.40E-11	2.49E+08	2
<i>Alchemilla persica</i>	0	5	3.78E-06	4.48E-11	2.55E+08	2
<i>Alchemilla pseudo-cartalinica</i>	0	5	4.31E-06	5.83E-11	2.28E+08	2
<i>Alchemilla sericata</i>	0	5	4.67E-06	6.86E-11	2.31E+08	2
<i>Amygdalus fenzliana</i>	0	5	6.22E-06	1.21E-10	2.08E+08	2
<i>Cerasus avium</i>	0	5	4.52E-06	6.43E-11	2.60E+08	2
<i>Cerasus incana</i>	0	5	4.75E-06	7.07E-11	2.00E+08	2
<i>Cotoneaster nummularioides</i>	0	5	4.55E-06	6.49E-11	2.17E+08	2
<i>Cotoneaster nummularia</i>	0	5	5.81E-06	1.06E-10	1.78E+08	2
<i>Crataegus meyeri</i>	0	5	6.53E-06	1.34E-10	1.27E+08	2
<i>Filipendula vulgaris</i>	0	5	3.98E-06	4.97E-11	3.98E+08	2
<i>Fragaria vesca</i>	0	5	3.59E-06	4.05E-11	3.18E+08	2
<i>Geum rivale</i>	0	5	4.07E-06	5.20E-11	3.51E+08	2
<i>Geum urbanum</i>	0	5	4.39E-06	6.06E-11	1.27E+08	2
<i>Mespilus germanica</i>	0	5	4.32E-06	5.85E-11	2.27E+08	2
<i>Potentilla ancheriana</i>	0	5	4.89E-06	7.51E-11	2.99E+08	2



<i>Potentilla inclinata</i>	0	5	4.29E-06	5.77E-11	2.93E+08	2
<i>Potentilla recta</i>	0	5	4.39E-06	6.05E-11	2.58E+08	2
<i>Potentilla szovitsii</i>	0	5	4.19E-06	5.51E-11	3.95E+08	2
<i>Prunus pennsylvanica</i>	0	5	4.32222E-06	5.86603E-11	2.60E+08	3
<i>Prunus serotina</i>	0	5	3.61477E-06	4.10289E-11	1.50E+08	3
<i>Prunus serotina (seedling)</i>	0	5	3.46003E-06	3.75914E-11	2.37E+08	3
<i>Prunus serotina (mature)</i>	0	5	3.30338E-06	3.42647E-11	1.83E+08	3
<i>Prunus amygdalus</i>	0	5	4.71682E-06	6.98601E-11	3.27E+08	3
<i>Prunus amygdalus</i>	0	5	4.56076E-06	6.53136E-11	3.60E+08	3
<i>Prunus divaricata</i>	0	5	3.97E-06	4.94E-11	4.08E+08	2
<i>Prunus spinosa</i>	0	5	4.64E-06	6.77E-11	2.73E+08	2
<i>Pyrus malus</i>	0	5	3.77252E-06	4.46883E-11	4.44E+08	3
<i>Pyrus malus</i>	0	5	3.46003E-06	3.75914E-11	5.34E+08	3
<i>Pyrus syriaca</i>	0	5	4.97E-06	7.77E-11	1.33E+08	2
<i>Rosa canina</i>	0	5	4.70E-06	6.93E-11	1.51E+08	2
<i>Rosa iberica</i>	0	5	4.64E-06	6.77E-11	1.33E+08	2
<i>Rosa pimpinellifolia</i>	0	5	5.33E-06	8.91E-11	7.83E+07	2
<i>Sanguisorba minor</i>	0	5	3.94E-06	4.87E-11	4.01E+08	2
<i>Sorbus torminalis</i>	0	5	4.51E-06	6.40E-11	1.71E+08	2
<i>Spiraea crenata</i>	0	5	3.83E-06	4.62E-11	2.35E+08	2
<i>Spiraea hypericifolia</i>	0	5	3.49E-06	3.83E-11	2.96E+08	2
<i>Asperula glomerata</i>	0	5	6.61E-06	1.37E-10	8.01E+07	2
<i>Asperula molluginoides</i>	0	5	5.80E-06	1.05E-10	7.06E+07	2
<i>Callipeltis cucullaris</i>	0	5	5.83E-06	1.07E-10	1.23E+08	2
<i>Cruciata laevipes</i>	0	5	4.98E-06	7.80E-11	9.05E+07	2
<i>Cruciata tanrica</i>	0	5	4.87E-06	7.45E-11	1.36E+08	2
<i>Galium aparine</i>	0	5	6.54E-06	1.34E-10	5.70E+07	2
<i>Galium odoratum</i>	0	5	5.37E-06	9.07E-11	6.12E+07	2
<i>Galium verum</i>	0	5	5.03E-06	7.94E-11	2.34E+08	2
<i>Sherardia arveusis</i>	0	5	5.11E-06	8.21E-11	1.69E+08	2
<i>Ferdinandusa elliptica (Pohl. ) Pohl.</i>	0	5	3.75833E-06	4.43527E-11	204500000	4
<i>Duroia kotchubaeoides Steyerm</i>	0	5	3.33333E-06	3.48889E-11	213800000	4
<i>Citrus paradisi</i>	0	5	2.19958E-06	1.51918E-11	7.13E+08	3
<i>Citrus sinensis</i>	0	5	3.46003E-06	3.75914E-11	5.80E+08	3
<i>Citrus paradisi paradisi</i>	0	5	2.19958E-06	1.51918E-11	7.80E+08	3
<i>Citrus sinensis sinensis</i>	0	5	2.83134E-06	2.51718E-11	6.82E+08	3
<i>Populus alba - 4877</i>	0	5	3.06493E-06	2.94965E-11	2.64E+08	3
<i>Populus candicans X P. berolinensis - 5262</i>	0	5	4.90403E-06	7.55154E-11	1.27E+08	3
<i>Populus candicans X P. berolinensis - 5263</i>	0	5	4.8095E-06	7.26323E-11	1.23E+08	3
<i>Populus betulifolia X P. trichocarpa - 5331</i>	0	5	3.71118E-06	4.32467E-11	1.09E+08	3

<i>Populus betulifolia</i> X <i>P. trichocarpa</i> - 5332	0	5	4.02611E-06	5.08981E-11	1.18E+08	3
<i>Populus deltooides</i> X <i>P. Trichocarpa</i> - 5265	0	5	4.71682E-06	6.98601E-11	1.79E+08	3
<i>Populus deltooides</i> X <i>P. Trichocarpa</i> - 5266	0	5	3.6488E-06	4.18052E-11	1.66E+08	3
<i>Populus deltooides</i> X <i>P. Trichocarpa</i> - 5334	0	5	3.69688E-06	4.2914E-11	1.41E+08	3
<i>Populus deltooides</i> X <i>P. platierensis</i> -5264	0	5	3.38261E-06	3.5928E-11	1.26E+08	3
<i>Populus deltooides</i> X <i>P. caudina</i> -5267	0	5	4.29353E-06	5.78841E-11	8.90E+07	3
<i>Populus charkowiensis</i> X <i>P. deltooides</i> - 5271	0	5	5.1086E-06	8.1947E-11	1.67E+08	3
<i>Populus tristis</i> X <i>P. balsamifera</i> -5260	0	5	4.74668E-06	7.07472E-11	1.41E+08	3
<i>Populus</i> sp. -5258	0	5	4.84243E-06	7.36303E-11	1.16E+08	3
<i>Populus nigra</i> X <i>P. laurifolia</i> -5272	0	5	3.75846E-06	4.43556E-11	1.41E+08	3
<i>Populus gileadensis</i>	0	5	7.07648E-06	1.57241E-10	1.19E+08	3
<i>Populus x euramericana</i> -4878	0	5	3.80515E-06	4.54645E-11	1.60E+08	3
<i>Populus x euramericana</i> -4879	0	5	3.66329E-06	4.21378E-11	1.50E+08	3
<i>Populus x euramericana</i> -5322	0	5	4.16833E-06	5.45574E-11	1.25E+08	3
<i>Populus x euramericana</i> -5323	0	5	3.88323E-06	4.73496E-11	1.30E+08	3
<i>Populus x euramericana</i> -5326	0	5	4.70183E-06	6.94165E-11	1.76E+08	3
<i>Populus x euramericana</i> -5328	0	5	4.922E-06	7.60699E-11	1.68E+08	3
<i>Populus x euramericana</i> -5377	0	5	4.6679E-06	6.84185E-11	1.05E+08	3
<i>Salix nigra</i>	0	5	2.83134E-06	2.51718E-11	4.31E+08	3
<i>Aesculus hippocastanum</i>	0	5	3.72068E-06	4.34685E-11	2.10E+08	3
<i>Aesculus glabra</i>	0	5	2.98909E-06	2.80549E-11	3.45E+08	3
<i>Matayba arborescens</i> (Aubl.) Raldlk	0	5	0.0000025	1.9625E-11	540500000	4
<i>Ecclinusa guianensis</i> Eyma	0	5	2.28333E-06	1.63707E-11	316500000	4
<i>Pouteria guianensis</i> Aubl.	0	5	3.34167E-06	3.50636E-11	285600000	4
<i>Pouteria jariensis</i> Pires T.D. Penn	0	5	0.0000025	1.9625E-11	284500000	4
<i>Pouteria reticulata</i> (Engl.) Eyma	0	5	3.33333E-06	3.48889E-11	277800000	4
<i>Pouteria retinervis</i> T. D. Penn	0	5	2.91667E-06	2.67118E-11	212000000	4
<i>Digitalis nervosa</i>	0	5	5.85E-06	1.07E-10	1.11E+08	2
<i>Linaria kurdica</i> *	0	5	5.34E-06	8.94E-11	1.16E+08	2
<i>Myoporum serratum serratum</i>	0	5	4.71682E-06	6.98601E-11	2.00E+08	3
<i>Pedicularis sibthorpii</i>	0	5	4.70E-06	6.94E-11	3.02E+08	2
<i>Pedicularis wilhelmsiana</i>	0	5	4.12E-06	5.33E-11	3.54E+08	2
<i>Scrophularia oxysepala</i>	0	5	4.52E-06	6.42E-11	3.33E+08	2
<i>Scrophularia umbrosa</i>	0	5	3.66E-06	4.21E-11	2.79E+08	2
<i>Scrophularia varegata</i>	0	5	4.96E-06	7.72E-11	1.41E+08	2
<i>Verbascum orientale</i>	0	5	4.53E-06	6.44E-11	1.51E+08	2
<i>Verbascum suworowianum</i>	0	5	4.63E-06	6.74E-11	1.83E+08	2
<i>Verbascum speciosum</i>	0	5	4.44E-06	6.19E-11	2.55E+08	2
<i>Veronica anagallis-aquatica</i>	0	5	5.34E-06	8.96E-11	1.10E+08	2

<i>Veronica gentianoides</i>	0	5	6.10E-06	1.17E-10	1.17E+08	2
<i>Veronica multifida</i>	0	5	5.54E-06	9.62E-11	1.58E+08	2
<i>Veronica polita</i>	0	5	4.10E-06	5.29E-11	1.35E+08	2
<i>Nicotiana tabacum</i>	0	5	5.23155E-06	8.5939E-11	1.90E+08	3
<i>Ulmus rubra</i>	0	5	3.77252E-06	4.46883E-11	1.50E+08	3
<i>Ulmus americana</i>	0	5	2.83134E-06	2.51718E-11	2.30E+08	3
<i>Celtis caucasica</i>	0	5	3.46E-06	3.76E-11	7.42E+08	2
<i>Ulmus glabra</i>	0	5	5.64E-06	9.99E-11	2.80E+08	2
<i>Ulmus minor</i>	0	5	5.59E-06	9.80E-11	4.34E+08	2
<i>Albovia tripartita</i>	0	5	4.24E-06	5.65E-11	1.45E+08	2
<i>Bupleurum falcatum</i>	0	5	3.22E-06	3.25E-11	1.27E+08	2
<i>Bupleurum gerardii</i>	0	5	2.96E-06	2.75E-11	1.66E+08	2
<i>Carum carvi</i>	0	5	4.58E-06	6.60E-11	2.89E+08	2
<i>Caucalis platycarpus</i>	0	5	4.41E-06	6.11E-11	2.26E+08	2
<i>Chaerophyllum anreum</i>	0	5	3.58E-06	4.02E-11	3.27E+08	2
<i>Cymbocarpum anethoides</i>	0	5	5.44E-06	9.28E-11	1.08E+08	2
<i>Daucus broteri</i>	0	5	3.39E-06	3.61E-11	3.00E+08	2
<i>Eryngium caucasicum</i>	0	5	4.38E-06	6.03E-11	1.08E+08	2
<i>Falcaria vulgaris</i>	0	5	3.90E-06	4.78E-11	1.08E+08	2
<i>Heracleum pastinacifolium</i>	0	5	4.52E-06	6.42E-11	2.98E+08	2
<i>Heracleum persicum</i>	0	5	3.91E-06	4.80E-11	2.76E+08	2
<i>Laser trilobum</i>	0	5	4.96E-06	7.73E-11	1.09E+08	2
<i>Peucedanum canasicum</i>	0	5	3.81E-06	4.56E-11	1.73E+08	2
<i>Pimpinella anrea</i>	0	5	3.47E-06	3.77E-11	5.33E+08	2
<i>Pimpinella tragium</i>	0	5	4.46E-06	6.23E-11	1.58E+08	2
<i>Prangosferulacea</i>	0	5	7.59E-06	1.81E-10	5.00E+07	2
<i>Sanicula europaea</i>	0	5	3.85E-06	4.64E-11	9.04E+07	2
<i>Seselipeucedanoides</i>	0	5	4.81E-06	7.26E-11	2.23E+08	2
<i>Trinia leiogona</i>	0	5	4.47E-06	6.26E-11	9.39E+07	2
<i>Valerianella dactylophylla</i>	0	5	5.70E-06	1.02E-10	8.33E+07	2
<i>Valerianella lasiocarpa</i>	0	5	4.49E-06	6.34E-11	1.03E+08	2
<i>Violaceae</i>						
<i>Viola arvensis</i>	0	5	5.89E-06	1.09E-10	9.49E+07	2
<i>Viola odorata</i>	0	5	4.53E-06	6.45E-11	1.35E+08	2
<i>Rinorea paniculata (Mart.) Kuntze</i>	0	5	3.75E-06	4.41563E-11	175400000	4
<i>Qualea acuminata Spruce ex. Warm</i>	0	5	2.91667E-06	2.67118E-11	864600000	4
<i>Balanites aegyptiaca</i>	0	5	3.93293E-06	4.85694E-11	4.60E+07	3
<i>Panicum bisulcatum</i>	0	5	2.54911E-06	2.04036E-11	1.97E+08	3
<i>Panicum antidotale</i>	0	5	1.91644E-06	1.15325E-11	1.26E+08	3
<i>Panicum coloratum</i>	0	5	2.54911E-06	2.04036E-11	1.13E+08	3
<i>Panicum dichotomiflorum</i>	0	5	2.4285E-06	1.85185E-11	9.00E+07	3

<i>Zea mays</i>	0	5	6.03697E-06	1.14437E-10	1.08E+08	3
<i>Zea mays</i>	0	5	3.21123E-06	3.23796E-11	1.12E+08	3
<i>Zoisia japonica</i>	0	5	1.81226E-06	1.03127E-11	8.20E+07	3
<i>Zoisia tenuifolia</i>	0	5	1.39367E-06	6.0989E-12	2.52E+08	3
<i>Digitaria sanguinalis</i>	0	5	2.63092E-06	2.17342E-11	1.19E+08	3
<i>Zizania latifolia</i>	0	5	1.14309E-06	4.10289E-12	6.06E+08	3
<i>Echinochloa crus-galli</i>	0	5	2.20759E-06	1.53027E-11	1.70E+08	3
<i>Echinochloa crus-galli var. edulis</i>	0	5	2.51424E-06	1.98491E-11	9.30E+07	3
<i>Echinochloa crus-galli var. frumentaceae</i>	0	5	2.04136E-06	1.30849E-11	1.40E+08	3
<i>Echinochloa crus-galli var. hispidula</i>	0	5	2.07567E-06	1.35285E-11	1.95E+08	3
<i>Avena sativa</i>	0	5	7.17068E-06	1.61454E-10	4.50E+07	3
<i>Avena sativa</i>	0	5	3.63911E-06	4.15834E-11	5.40E+07	3
<i>Hordeum vulgare</i>	0	5	5.30861E-06	8.84894E-11	8.50E+07	3
<i>Hordeum vulgare var. hexastichon</i>	0	5	4.15135E-06	5.41138E-11	2.30E+07	3
<i>Paspalum dlitatum</i>	0	5	2.30923E-06	1.67442E-11	8.70E+07	3
<i>Paspalum distichum</i>	0	5	2.23936E-06	1.57462E-11	1.18E+08	3
<i>Saccharum officinarum cv. Badira</i>	0	5	2.48598E-06	1.94056E-11	2.92E+08	3
<i>Saccharum officinarum cv. Yomitanzan</i>	0	5	2.83757E-06	2.52827E-11	1.82E+08	3
<i>Saccharum officinarum cv. Tainan</i>	0	5	2.45741E-06	1.8962E-11	1.69E+08	3
<i>Saccharum spp. cv. NCo310</i>	0	5	3.08216E-06	2.98291E-11	1.77E+08	3
<i>Agropyron tsukusiense</i>	0	5	3.53575E-06	3.92547E-11	2.40E+07	3
<i>Eragrostis ferruginae</i>	0	5	1.99765E-06	1.25305E-11	8.60E+07	3
<i>Andropogon scoparis</i>	0	5	2.96395E-06	6.145E-11	124000000	3
<i>Arundinalla hirta</i>	0	5	3.00089E-06	2.82767E-11	7.30E+07	3
<i>Arundo donax</i>	0	5	2.32448E-06	1.6966E-11	3.01E+08	3
<i>Triticum vulgare</i>	0	5	7.2393E-06	1.64559E-10	4.00E+07	3
<i>Sorghum bicolor</i>	0	5	2.69064E-06	2.27322E-11	1.27E+08	3
<i>Sorghum sudanense</i>	0	5	2.14265E-06	1.44156E-11	1.17E+08	3
<i>Vetivera sp.</i>	0	5	2.30157E-06	1.66334E-11	1.36E+08	3
<i>Miscanthus sinensis</i>	0	5	2.14265E-06	1.44156E-11	2.92E+08	3
<i>Stenotaphrum seundatum</i>	0	5	2.4285E-06	1.85185E-11	4.70E+07	3
<i>Sporobolus elongatus</i>	0	5	2.27844E-06	1.63007E-11	1.04E+08	3
<i>Phalaris arundinaceae</i>	0	5	1.83164E-06	1.05345E-11	1.69E+08	3
<i>Elymus repens</i>	0	5	2.50805E-06	4.4E-11	88000000	2
<i>Eleusine coracana</i>	0	5	2.34715E-06	1.72987E-11	7.60E+07	3
<i>Cynodon dactylon</i>	0	5	1.49159E-06	6.98601E-12	2.20E+08	3
<i>Hymenachne indica</i>	0	5	4.09137E-06	5.25614E-11	8.90E+07	3
<i>Bromus catharticus</i>	0	5	3.97313E-06	4.95674E-11	3.50E+07	3
<i>Coix lacryma-jobi var. ma-yuen</i>	0	5	3.47022E-06	3.78131E-11	1.02E+08	3
<i>Imperata cylindrica</i>	0	5	1.67029E-06	8.76023E-12	2.87E+08	3

<i>Chloris gayana</i>	0	5	1.21788E-06	4.65734E-12	6.03E+08	3
<i>Leptochloa chinensis</i>	0	5	1.47971E-06	6.87512E-12	3.09E+08	3
<i>Pennisetum alopecuroides</i>	0	5	2.27068E-06	1.61898E-11	9.60E+07	3
<i>Allium cepa</i>	0	5	7.50751E-06	1.76979E-10	1.75E+08	3
<i>Tradescantia virginiana</i>	0	5	1.01895E-05	3.26014E-10	2.30E+07	3
<i>Commelina communis</i>	0	5	4.51015E-06	6.38721E-11	6.70E+07	3
<i>Paphiopedilum venustum</i>	0	5	1.11984E-05	3.93767E-10	2.60E+07	3

Source:

L – stomatal properties were measured in the lab on leaves or epidermal peels cleared with NaOH

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